

**Michigan Department of  
Environmental Quality**



**An MDEQ Report on the:  
Environmental Protection Bond Fund  
Cleanup and Redevelopment Fund  
Clean Michigan Initiative Bond Fund  
As of September 30, 2013**



Rick Snyder, Governor  
Dan Wyant, Director  
Michigan Department of Environmental Quality  
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## FOREWORD

This Consolidated Report provides information regarding the Michigan Department of Environmental Quality (MDEQ) state-funded environmental programs. The report includes appropriations and expenditures from fiscal year (FY) 1989 through FY 2013. The intent is to provide a comprehensive report on Michigan's cleanup and environmental bond programs. The MDEQ intends to publish this report on an annual basis. This publication fulfills a number of related reporting obligations found in Part 201, Environmental Remediation; Part 195, Environmental Protection Bond Implementation; and Part 196, Clean Michigan Initiative Implementation; of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Brownfield Redevelopment Financing Act, 1996 PA 381, as amended; and the appropriation bill 2012 PA 200.

## ACRONYMS AND DEFINITIONS

Acronym	Definition
<b>Act 328</b>	Part 195, Environmental Protection Bond Fund, of Act 451, was established by 1988 PA 328
<b>Act 381</b>	Brownfield Redevelopment Financing Act, 1996 PA 381, as amended
<b>Act 451</b>	Natural Resources and Environmental Protection Act, 1994 PA 451, as amended
<b>AST</b>	Aboveground Storage Tank
<b>Authority</b>	Brownfield Redevelopment Authority
<b>AWM</b>	Abandoned Well Management Grant Program
<b>BEA</b>	Baseline Environmental Assessment
<b>BMPs</b>	Best Management Practices
<b>Board</b>	Brownfield Redevelopment Board
<b>BRG</b>	Brownfield Redevelopment Grant Program
<b>BRL</b>	Brownfield Redevelopment Loan Program
<b>ccf</b>	Hundred Cubic Feet
<b>CLRS</b>	Contaminated Lake and River Sediments Program
<b>CMI</b>	Clean Michigan Initiative
<b>Condo</b>	Condominium
<b>CREP</b>	Conservation Reserve Enhancement Program
<b>CRF</b>	Cleanup and Redevelopment Fund
<b>CRP</b>	Environmental Cleanup and Redevelopment Program
<b>CWF</b>	Clean Water Fund
<b>DDT</b>	Dichlorodiphenyltrichloroethane
<b>DNAPL</b>	Dense Non-Aqueous Phase Liquid
<b>DWP</b>	Drinking Water Program
<b>E&amp;C</b>	Emergency and Contingency Program
<b>EECP</b>	Environmental Education Curriculum Project
<b>EPBF</b>	Environmental Protection Bond Fund
<b>EPF</b>	Environmental Protection Fund
<b>FOSS</b>	Failing On-Site Septic Systems
<b>FS</b>	Feasibility Study
<b>FY</b>	Fiscal Year
<b>GAP</b>	Grant Application Package
<b>GCSP</b>	Green Chemistry Support Program
<b>GF</b>	General Fund/General Purpose
<b>GW</b>	Groundwater
<b>Hg</b>	Mercury
<b>HHW</b>	Michigan Household Hazardous Waste Collection Initiative
<b>ISSCG</b>	Illicit Storm Sewer Connection Grants Program
<b>LARA</b>	Licensing and Regulatory Affairs
<b>Legislature</b>	Michigan Senate and House of Representatives
<b>LNAPL</b>	Light Non-Aqueous Phase Liquid
<b>MDARD</b>	Michigan Department of Agriculture and Rural Development
<b>MDCH</b>	Michigan Department of Community Health
<b>MDEQ</b>	Michigan Department of Environmental Quality
<b>MDHS</b>	Michigan Department of Human Services
<b>MDMVA</b>	Michigan Department of Military and Veterans Affairs
<b>MDNR</b>	Michigan Department of Natural Resources
<b>MDOC</b>	Michigan Department of Corrections

Acronym	Definition
<b>MDOE</b>	Michigan Department of Education
<b>MDOT</b>	Michigan Department of Transportation
<b>MDTMB</b>	Michigan Department of Technology, Management and Budget
<b>MEDC</b>	Michigan Economic Development Corporation
<b>MEGA</b>	Michigan Economic Growth Authority
<b>MET</b>	Marketing, Education & Technology Division
<b>MI</b>	Michigan
<b>MLGP</b>	Municipal Landfill Cost-Share Grant Program
<b>MO</b>	Monitoring Only
<b>MRPPGP</b>	Michigan Regional Pollution Prevention Grant Program
<b>MSP</b>	Michigan State Police
<b>MSU</b>	Michigan State University
<b>MTBE</b>	Methyl Tertiary Butyl Ether
<b>N/A</b>	Not Available or Not Applicable
<b>NAPL</b>	Non-Aqueous Phase Liquid
<b>NPS</b>	Nonpoint Source
<b>NSPCG</b>	Nonpoint Source Pollution Control Grants
<b>OEA</b>	Office of Environmental Assistance
<b>OM</b>	Operation and Maintenance
<b>OOGM</b>	Office of Oil, Gas, and Minerals
<b>OWMRP</b>	Office of Waste Management and Radiological Protection
<b>P2</b>	Pollution Prevention
<b>PA</b>	Public Act
<b>PAH</b>	Polynuclear Aromatic Hydrocarbons
<b>Part 195</b>	Part 195, Environmental Protection Bond Implementation, of Act 451
<b>Part 196</b>	Part 196, Clean Michigan Initiative Implementation, of Act 451
<b>Part 201</b>	Part 201, Environmental Remediation, of Act 451
<b>Part 213</b>	Part 213, Leaking Underground Storage Tanks, of Act 451
<b>Part 215</b>	Part 215, Refined Petroleum Fund, of Act 451
<b>PCB</b>	Polychlorinated Biphenyls
<b>PCE</b>	Tetrachloroethylene
<b>PHQW</b>	Protecting High Quality Waters
<b>PLP</b>	Potentially Liable Party
<b>PNAs</b>	Polynuclear Aromatic Hydrocarbons
<b>RAPLMPIG</b>	Remedial Action Plan and Lakewide Management Plans Implementation Grants
<b>RAPs</b>	Remedial Action Plans
<b>RCRA</b>	Resource Conservation and Recovery Act, 42 U.S.C. §6901 <i>et seq.</i> (1976)
<b>RETAP</b>	Retired Engineer Technical Assistance Program Fund
<b>RFP</b>	Request for Proposal
<b>RI</b>	Remedial Investigation
<b>RPF</b>	Refined Petroleum Fund
<b>RRD</b>	Remediation and Redevelopment Division
<b>RRL</b>	Revitalization Revolving Loan
<b>RRLF</b>	Revitalization Revolving Loan Fund
<b>SAG</b>	Site Assessment Grant Program
<b>SBPP</b>	Small Business Pollution Prevention Assistance Revolving Loan Fund
<b>SF</b>	Superfund
<b>Sq. Ft.</b>	Square Feet

<b>Acronym</b>	<b>Definition</b>
<b>SRG</b>	Site Reclamation Grant Program
<b>SSCUF</b>	State Sites Cleanup Fund
<b>SSCUP</b>	State Sites Cleanup Program
<b>SVOC</b>	Semi-Volatile Organic Compound
<b>SWQI</b>	Strategic Water Quality Initiative Program
<b>SWQIF</b>	Strategic Water Quality Initiative Fund
<b>TCE</b>	Trichloroethylene
<b>Treasury</b>	Michigan Department of Treasury
<b>Twp</b>	Township
<b>U.S. Army</b>	United States Army
<b>U.S. Attorney</b>	United States Attorney
<b>U.S. EPA</b>	United States Environmental Protection Agency
<b>U.S. Geological Survey</b>	United States Geological Survey
<b>U-M Flint</b>	University of Michigan – Flint
<b>UST</b>	Underground Storage Tank
<b>VCWPCG</b>	Village of Chesaning Water Pollution Control Grant
<b>VOC</b>	Volatile Organic Compound
<b>VSPG</b>	Voluntary Storm Water Permits Grants
<b>WQM</b>	Water Quality Monitoring
<b>WRD</b>	Water Resources Division
<b>WRG</b>	Waterfront Redevelopment Grants Program
<b>WUAWP</b>	Water Use and Withdrawal Programs

## PROGRAM ELEMENTS COMPLETED

The following programs were completed or rescinded and are not part of the FY 2013 Consolidated Report:

Program	Last Reported
<b>Abandoned Well Management Grant Program</b>	Can be found in detail in the FY 2010 Consolidated Report
<b>Baseline Environmental Assessments</b>	Is currently being reported on a quarterly basis online
<b>Conservation Reserve Enhancement Program</b>	Can be found in detail in the FY 2010 Consolidated Report
<b>Drinking Water Program</b>	Can be found in detail in the FY 2010 Consolidated Report
<b>Environmental Education Curriculum Project</b>	Can be found in detail in the FY 2010 Consolidated Report
<b>Failing On-Site Septic Systems</b>	Can be found in detail in the FY 2010 Consolidated Report
<b>Michigan Household Hazardous Waste Collection Initiative</b>	Can be found in detail in the FY 2010 Consolidated Report
<b>Michigan Regional Pollution Prevention Grant Program</b>	Can be found in detail in the FY 2010 Consolidated Report
<b>Municipal Landfill Cost-Share Grant Program</b>	Can be found in detail in the FY 2010 Consolidated Report
<b>Part 201 Section 12a Report</b>	Was rescinded by the changes in Part 201 of Act 451 on December 14, 2010. Last reported in the FY 2011 Consolidated Report.
<b>Protecting High Quality Waters</b>	Can be found in detail in the FY 2011 Consolidated Report
<b>Remedial Action Plan and Lakewide Management Plans Implementation Grants</b>	Can be found in detail in the FY 2010 Consolidated Report
<b>Remedial Action Plans</b>	Was rescinded by the changes in Part 201 of Act 451 on December 14, 2010. Last reported in the FY 2011 Consolidated Report.
<b>Site Delistings</b>	Was rescinded by the changes in Part 201 of Act 451 on December 14, 2010. Last reported in the FY 2011 Consolidated Report.
<b>Solid Waste Alternatives Program</b>	Can be found in detail in the FY 2010 Consolidated Report
<b>Village of Chesaning Water Pollution Control Grant</b>	Can be found in detail in the FY 2011 Consolidated Report

## **PART ONE – ENVIRONMENTAL CLEANUP PROGRAM OVERVIEW**

### **Funding Sources**

In November 1988 Michigan voters approved Proposal C, an Environmental Bond Issue. This proposal authorized the MDEQ to use \$660 million of general obligation bonds for environmental protection throughout Michigan. Part 195 of Act 451 provides for the specific use of these funds.

The Cleanup and Redevelopment Fund (CRF) was created by the July 1996 amendments to Part 201 of Act 451 to provide a permanent, ongoing funding mechanism for Michigan's environmental cleanup and redevelopment program. The funds included in the CRF consist of 80 percent of the state's share of annual unclaimed bottle deposit revenues and the transfer of Environmental Protection Bond Fund (EPBF) revenues appropriated in prior fiscal years to the MDEQ for solid waste alternative projects, pursuant to Section 19507 of Part 195 of Act 451.

In November 1998 Michigan citizens approved a \$675 million Clean Michigan Initiative (CMI) Bond to be used for brownfield redevelopment and environmental cleanup: protecting and enhancing Michigan's lakes, rivers, and streams; reclaiming and revitalizing local waterfronts; making critical state park improvements; enhancing local parks and recreational opportunities; pollution prevention; and protecting the public from lead hazards. Part 196 of Act 451 provides for the specific use of these funds. The program expenditures addressed in this report include six MDEQ categories of the CMI: response activities at facilities; waterfront improvement; remediation of contaminated lake and river sediments; nonpoint source pollution control grants; clean water fund programs; and pollution prevention programs.

The Refined Petroleum Fund (RPF) was created in October 2004 by amendments to Part 215, Refined Petroleum Fund, of Act 451. Uses of the RPF include, but are not limited to, corrective actions necessary to address releases of refined petroleum products. The fund is based on an environmental protection regulatory fee of 7/8 cent per gallon that is imposed on all refined petroleum products sold for resale or consumption in Michigan.

The Strategic Water Quality Initiatives Fund (SWQIF) was created in December 2010 by amendments to Section 5204 of Part 52, Strategic Water Quality Initiatives, and Section 19703a of Part 197, Great Lakes Water Quality Bond Implementation, of Act 451. The funds are to be used to address nonpoint source water pollution.

A brief summary of the appropriations received by the MDEQ for state-funded environmental programs through FY 2013 is provided on the next page. For explanations of abbreviations used in this report, please see "[Acronyms and Definitions](#)" on page 2.

**Summary of Program Funding Sources (FY 1989 – FY 2013)**

This chart reflects the state funds received for the MDEQ State-Funded Environmental Programs in their entirety.

		Funding Source									
DIVISION		CMI	EPBF	CRF	RRLF	EPF	RPF	SWQIF	SSCUF	GF	Total
<b>State Sites Cleanup Program</b>											
State Sites Cleanup Program	RRD								\$37,382,703		\$37,382,703
<b>Response Activities at Facilities</b>											
Environmental Cleanup and Redevelopment Program	RRD	\$226,156,845	\$355,971,063	\$77,381,039		\$30,596,599	\$111,992,957			\$75,897,484	\$877,995,987
Strategic Water Quality Initiative Program	RRD							\$64,386,346			\$64,386,346
Emergency and Contingency Program	RRD		\$10,312,732	\$34,255,339			\$4,547,482			\$1,557,458	\$50,673,011
Revitalization Revolving Loan Program	RRD				\$5,741,921						\$5,741,921
Municipal Landfill Cost-Share Grant Program	RRD	\$8,000,000		\$2,036,965		\$1,963,035				\$6,000,000	\$18,000,000
Site Reclamation Grant Program	RRD		\$35,000,000								\$35,000,000
Site Assessment Grant Program	RRD		\$10,000,000								\$10,000,000
Brownfield Redevelopment Grant Program	RRD	\$37,537,456									\$37,537,456
Brownfield Redevelopment Loan Program	RRD	\$25,000,000									\$25,000,000
<b>Solid Waste Alternatives Program</b>											
Solid Waste	OWMRP		\$149,236,326								\$149,236,326

Funding Source											
DIVISION	CMI	EPBF	CRF	RRLF	EPF	RPF	SWQIF	SSCUF	GF	Total	
<b>Waterfront Improvements</b>											
Waterfront Redevelopment Grants Program	RRD	\$49,999,668								\$49,999,668	
<b>Remediation of Contaminated Lake and River Sediments</b>											
Contaminated Lake and River Sediments Program	WRD	\$21,208,537								\$21,208,537	
<b>Nonpoint Source Pollution Control Grants</b>											
Nonpoint Source Pollution Control Grants	WRD	\$35,707,027								\$35,707,027	
<b>Clean Water Fund Programs</b>											
Abandoned Well Management Grant Program	WRD	\$2,277,286								\$2,277,286	
Water Use and Withdrawal Programs	WRD	\$1,473,490								\$1,473,490	
Water Use and Withdrawal Programs (MDNR)	MDNR	\$497,280								\$497,280	
Drinking Water Program	WRD	\$973,000								\$973,000	
Water Quality Monitoring	WRD	\$33,669,532							\$1,000,000	\$34,669,532	
Voluntary Storm Water Permits Grants	WRD	\$3,395,246								\$3,395,246	
Failing On-Site Septic Systems	WRD	\$6,771,056								\$6,771,056	
Village of Chesaning Water Pollution Control Grant	WRD	\$899,957								\$899,957	
Protecting High Quality Waters	WRD	\$5,681,111								\$5,681,111	

Funding Source											
	DIVISION	CMI	EPBF	CRF	RRLF	EPF	RPF	SWQIF	SSCUF	GF	Total
Illicit Storm Sewer Connection Grants Program	WRD	\$7,638,931									\$7,638,931
Remedial Action Plan and Lakewide Management Plans Implementation Grants	WRD	\$7,692,968									\$7,692,968
Conservation Reserve Enhancement Program	WRD	\$5,000,000									\$5,000,000

**Pollution Prevention Programs**

Retired Engineer Technical Assistance Program (RETAP) Fund	LARA	\$10,000,000									\$10,000,000
Small Business Pollution Prevention Assistance Revolving Loan Fund	OEA	\$5,000,000									\$5,000,000
Michigan Household Hazardous Waste Collection Initiative	OEA	\$958,667									\$958,667
Michigan Regional Pollution Prevention Grant Program	OEA	\$664,803									\$664,803
Green Chemistry Support Program	OEA	\$948,596									\$948,596
Environmental Education Curriculum Project	OEA	\$999,998									\$999,998

Funding Source Totals		\$498,151,454	\$560,520,121	\$113,673,343	\$5,741,921	\$32,559,634	\$116,540,439	\$64,386,346	\$37,382,703	\$84,454,942	\$1,513,410,903
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## REPORTING REQUIREMENTS

This report fulfills a number of reporting obligations found in annual appropriation bills and related reporting obligations found in Parts 195, 196, and 201 of Act 451; and in the Brownfield Redevelopment Financing Act, 1996 PA 381, as amended. The reporting requirements covered by this report are more fully described below.

### REPORTING OBLIGATIONS COVERED BY THIS REPORT

Source	Section	Division	Programs	Requirements	Sites Affected
<b>ACT 381</b>					
Chapter 125	125.2665(12)	RRD	CRP	(a) A compilation and summary of all the information submitted under subsection (2). (b) The amount of revenue the state would have received if taxes levied for school operating purposes had not been captured under this section for the previous calendar year. (c) The amount of revenue each local governmental unit would have received if taxes levied for school operating purposes had not been captured under this section for the previous calendar year	All EPBF sites (FY 1989 - FY 2013)
<b>ACT 451</b>					
Part 52	5204b(1)(c)	RRD	CRP	(c) Beginning October 1, 2012, any money not previously authorized for expenditure under this section may be expended under this section only if the department documents that it has achieved the following performance objectives: (i) Increasing the level of investment in sewage collection and treatment systems. (ii) Providing incentives for actions that not only improve water quality but result in pollution prevention. (iii) Optimizing the cost benefit ratio of alternative designs of sewage collection and treatment systems. (iv) Demonstrating progress toward maximizing risk reduction and economic development objectives identified for projects funded under this section.	All SWQIF sites

Source	Section	Division	Programs	Requirements	Sites Affected
Part 52	5204b(5)	RRD	CRP	<p>(a) How the project met the criteria described in this section.</p> <p>(b) The extent to which the project improved water quality or prevented a risk to water quality as measured by the number of individuals who benefit from the project.</p> <p>(c) The extent to which the project preserved infrastructure investments that protect public health or prevented risks to water quality as measured by the risk posed or the public health protected.</p> <p>(d) The extent to which the project enhanced economic development as measured by such factors including, but not limited to, all of the following:</p> <p>(i) A net increase to the value of the properties in the vicinity of the project.</p> <p>(ii) The creation of jobs.</p> <p>(iii) The extent to which the project contributed to leveraging private investment in the vicinity of the project.</p> <p>(e) If the project included funding for project management within the MDEQ, a breakdown of the amount of money used to support the project management as justified using generally accepted accounting principles.</p>	All SWQIF sites
Part 195 EPBF Implementation	19508(7)	RRD	CRP SAG SRG	Name and location, nature, funds received, county.	All EPBF sites (FY 1989 - FY 2013)
	19501 - 19508	MDEQ	All	Reporting on the uses of the proceeds of bonds issued under the EPBF.	All EPBF sites (FY 1989 - FY 2013)

Source	Section	Division	Programs	Requirements	Sites Affected
Part 196 CMI Implementation	19608(9)	OEA RRD WRD	AWM BRG BRL CLRS CREP CRP DWP EECP FOSS GCSP HHW ISSCG MLGP MRPPGP NSPCG PHQW RAPLMPIG RETAP SBPP VSPG VCWPCG WQM WRG WUAWP	Name and location, nature, funds allocated, county, summary of accomplishments.	All CMI sites (FY 1999 - FY 2013)
Part 201 Environmental Remediation	20105a	RRD	BRG BRL CRP MLGP RRL SAG/SRG SSCUP WRG	List of sites receiving state funds to conduct response activities (in alphabetical order).	All sites (EPBF, CRF, CMI, & GF FY 1989 - FY 2013)
	20108c(11)	RRD	SSCUP	Status of the response activities being conducted at state-owned sites and the need for additional funds.	All SSCUP sites (FY 1995 - FY 2013)
	20113(5)	RRD	CRP	List of projects, location, nature of the project, total amount authorized, total expended, and project status	All CRF sites (FY 1997 - FY 2013)
	20120a(18)	RRD	CRP	Evaluate and revise, if appropriate, the cleanup criteria derived under this section.	All changes from January 1, 2009, through December 31, 2012
<b>Appropriation Boilerplate Requirements for FY 2013</b>					
2012 PA 200 FY 2013 EPBF/CMI Appropriation Boilerplate	216	RRD WRD	BRG CRP E&C	Name and location, nature, how petition will be resolved, time to complete, allocation, funds expended at end of FY, brownfields.	Sites that received FY 2013 allocations

## **PART TWO – ENVIRONMENTAL PROTECTION BOND**

### **Environmental Protection Bond Fund**

Part 195 of Act 451, the EPBF, was established by 1988 PA 328 (Act 328) to account for the proceeds of \$660 million of general obligation bonds approved by Michigan voters in November 1988. This approval was obtained under the general authority of Article 9, Section 15, of the 1963 State Constitution. The bonds are authorized for financing environmental protection programs to clean up sites of toxic and other environmental contamination; contribute to a regional Great Lakes Protection Fund; address solid waste problems; treat sewage and other water quality problems; reuse industrial sites; and preserve open space. Act 328 also specifies that not more than \$425 million of the proceeds of these bonds be available to clean up sites of toxic and other environmental contamination; not more than \$150 million be available for solid waste projects; not more than \$60 million be available to capitalize the State Water Pollution Control Loan Fund (recorded as equity transfers to the Michigan Municipal Bond Authority); and not more than \$25 million be available to fund Michigan's participation in a regional Great Lakes Protection Fund.

The \$100 million Great Lakes Protection Regional Fund received the \$25 million Michigan share in 1989.

The Site Assessment and Site Reclamation Fund was appropriated \$45 million to provide grants to local units of government for assessing the nature and extent of contamination at a property and for grants to local units of government to undertake response activities at contaminated properties that were identified for their redevelopment potential.

Approximately \$356 million has been appropriated for the Environmental Cleanup and Redevelopment Program (CRP). Approximately \$346 million relating to 622 project sites has been expended on the CRP from FY 1989 through FY 2013. Approximately \$10.3 million has been appropriated for emergency cleanup actions and contingencies at 101 project sites. Further detailed information can be found in Part Three of this report under the Environmental Cleanup and Redevelopment and the CRP Emergency and Contingency Programs.

From the 994 Solid Waste Alternatives project applications received, 295 projects were funded totaling approximately \$99 million. Approximately \$18 million of this was for closures of dumps and landfills. Over \$52 million was for market development projects. Approximately \$9 million was for Clean Michigan Community projects.

The following pages provide additional details regarding the EPBF projects.

**SUMMARY OF ENVIRONMENTAL PROTECTION BOND FUND SALES**

**AS OF SEPTEMBER 30, 2013**

Most of the funding for Environmental Protection Bond projects is provided by the net proceeds from General Obligation Bonds sold by the Michigan Department of Treasury.

There are approximately \$8.5 million of authorized proceeds that remain available at this time.

The following schedule details the sales that have occurred thus far.

NAME OF ISSUE	DATE	AMOUNT
EPB-1989 SERIES	11/08/89	\$63,830,348.24
GREAT LAKES PROTECTION	12/14/89	\$25,000,000.00
HOST SERIES I	11/15/90	\$945,151.00
EPB-1992 SERIES	06/25/92	\$143,401,085.73
COLLEGE SAVINGS BONDS-SERIES 1992 MINI BONDS	07/15/92	\$493,739.70
WATER POLLUTION CONTROL-1992 SERIES A	11/19/92	\$13,940,000.00
WATER POLLUTION CONTROL-1993 SERIES	12/16/93	\$16,670,000.00
EPB-1995 SERIES	06/27/95	\$129,084,406.03
EPB-1998 SERIES	06/03/98	\$91,197,961.40
EPB-2000 SERIES	11/01/00	\$60,499,475.19
EPB-2003A SERIES	08/28/03	\$39,966,541.17
EPB-2004A SERIES	09/15/04	\$38,810,712.10
EPB-2006A SERIES	09/27/06	\$27,655,105.05
TOTAL ISSUED TO DATE		\$651,494,525.61
TOTAL AUTHORIZED		\$660,000,000.00
<b>REMAINING AUTHORIZATION</b>		<b>\$8,505,474.39</b>

**Administrative Cost Summary  
Environmental Protection Bond Fund  
as of September 30, 2013**

	<b>AMOUNT APPROPRIATED</b>	<b>CUMULATIVE APPROPRIATION</b>	<b>FISCAL YEAR</b>	<b>EXPENDITURES</b>	<b>CUMULATIVE EXPENDITURES</b>
TOTALS BY FISCAL YEAR	\$2,402,200.00	\$2,402,200.00	1989	\$1,407,151.45	\$1,407,151.45
	\$4,868,400.00	\$7,270,600.00	1990	\$3,690,642.34	\$5,097,793.79
	\$5,543,900.00	\$12,814,500.00	1991	\$4,659,492.52	\$9,757,286.31
	\$5,737,700.00	\$18,552,200.00	1992	\$4,871,444.96	\$14,628,731.27
	\$6,518,900.00	\$25,071,100.00	1993	\$6,138,704.06	\$20,767,435.33
	\$7,695,950.00	\$32,767,050.00	1994	\$6,368,084.58	\$27,135,519.91
	\$7,062,500.00	\$39,829,550.00	1995	\$6,560,605.59	\$33,696,125.50
	\$852,900.00	\$40,682,450.00	1996	\$789,415.21	\$34,485,540.71
	\$846,600.00	\$41,529,050.00	1997	\$613,248.75	\$35,098,789.46
	\$857,100.00	\$42,386,150.00	1998	\$510,918.81	\$35,609,708.27
	\$857,100.00	\$43,243,250.00	1999	\$388,838.84	\$35,998,547.11

CUMULATIVE AMOUNT AVAILABLE  
REMAINING FUNDS AVAILABLE

\$36,000,000.00  
\$1,452.89

PERCENT USED  
PERCENT REMAINING

99.996%  
0.004%

## PART THREE – CLEANUP PROGRAM SUMMARIES

### SECTION ONE: STATE SITES CLEANUP PROGRAM

**Purpose:**

In July 1996, PA 380 amended Part 201, Environmental Remediation, of Act 451, by adding Section 20108c and creating the State Sites Cleanup Fund (SSCUF) and the State Sites Cleanup Program (SSCUP). Its intent is to fund environmental cleanups at contaminated sites where the state is a liable party as an owner or operator of the site, as described in Section 20126 of Part 201.

**Program Funding:**

Section 20108c of Part 201 provided a process for the expenditure of \$20 million that was originally appropriated under 1994 PA 265 to the MDNR, and subsequently transferred to the MDEQ. The fund was augmented by an additional appropriation of \$10 million in FY 1997 and again in FY 2002, when the Michigan Department of Technology, Management and Budget (MDTMB) repaid \$965,100 that had been spent for remediation of the Clinton Valley Center in Oakland County prior to its sale. In 2005 the Legislature appropriated \$5 million in interest earned from the SSCUF from 1996 through 2004 for use in the program. A total of \$2,982,397 has lapsed. In 2012 the Legislature appropriated \$4.4 million, which consisted of interest earned from the SSCUF and previously lapsed funds.

**Site Selection and Prioritization:**

Under Section 20126 of Part 201, each state executive department and agency is required annually to provide the MDEQ a list of all facilities where they are liable as an owner or operator. The Brownfield Redevelopment Board (Board), created under 1996 PA 383 and composed of the Directors of the MDTMB and MDEQ and the President of the Michigan Economic Development Corporation (MEDC), is responsible for prioritizing funding for the cleanups. The sites are prioritized for response activity by the Board, based on the degree of health or environmental risk and by resale or redevelopment potential, as stipulated under Section 20108c of Part 201.

#### State Sites Cleanup Program

	Net Appropriations	Reserved for Specific Sites	Cumulative Expenditures 9/30/13	Unreserved Balance
<b>State Sites Cleanup Fund</b>	\$37,382,703	\$4,739,859	\$32,642,844	\$0

**Explanation of “Overall Status” Information for the Table in Appendix A:**

To date, SSCUP funding has been sought through the MDEQ for the contaminated sites. The status of these sites is described below:

- Closed:** All planned activities have been completed and the project has been closed. There are currently 102 sites that have been completed.
- Closure Activities:** The majority of the site cleanup activities have been completed. There may be a few additional activities before the site can be closed. There are currently 24 sites at which the state is conducting closure activities.
- Design:** The design of a treatment remedy or system is underway. There are 13 sites in the design stage.
- Investigation:** Determining what cleanup activities are needed at this site. There are currently four sites in the investigation phase.
- No Funding:** There has been no funding allocated to these sites due to lack of funding. There are 21 sites that are not receiving allocations due to lack of funds.

**Not Eligible:** Sites are not eligible for funding for reasons other than non-liability. There are five sites in this category, due to the type of contamination not being eligible or because there was no contamination discovered after the site was reported.

**Operation and Maintenance (OM):** Operating and maintaining a treatment system. There are 17 sites where treatment systems are currently in operation or periodical monitoring is taking place.

**State Not Liable:** The site is not eligible for SSCUP funding because it has been determined not to be a state liability. There are 26 sites where it has been found that the state is not liable, the majority of which belong to the Michigan Department of Transportation who acquired the sites pursuant to the State Transportation Act of 1976, but never conducted any operations or other activities at the sites.

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## SECTION TWO: RESPONSE ACTIVITIES AT FACILITIES

### ENVIRONMENTAL CLEANUP AND REDEVELOPMENT PROGRAM

This section provides information on the following MDEQ, Remediation and Redevelopment Division (RRD), components of the Environmental Cleanup and Redevelopment Program:

1. Program Summary Table
2. Environmental Cleanup and Redevelopment Program (CRP)
3. Strategic Water Quality Initiative Program (SWQI)
4. Environmental Cleanup and Redevelopment Emergency and Contingency Program (E&C)

#### 1. PROGRAM SUMMARY TABLE

The state funding sources for these programs are in the table below and include the fund amount and the program it was allocated to:

SOURCE	AMOUNT	ALLOCATED FOR
Clean Michigan Initiative Bond Fund	\$226,156,845	CRP
Cleanup and Redevelopment Fund	\$77,381,039	CRP
	\$34,255,339	E&C
Environmental Protection Bond Fund	\$355,971,063	CRP
	\$10,312,732	E&C
Environmental Protection Fund	\$30,596,599	CRP
General Fund/General Purpose	\$75,897,484	CRP
	\$1,557,458	E&C
Refined Petroleum Fund	\$111,992,957	CRP
	\$4,547,482	E&C
Strategic Water Quality Initiative Fund	\$64,386,346	SWQIF

Using these funds, Michigan has taken action at over 2,000 sites to protect public health, safety, and welfare and allow further redevelopment including:

- Water supplies have been replaced at approximately 10,000 homes and businesses.
- Immediate physical contact and fire/explosion risks have been addressed at hundreds of sites.
- Containment and cleanup has been conducted at nearly 50 landfills.
- More than 150 abandoned, dangerous buildings have been demolished.
- More than 500 sites have been prepared for redevelopment.

Despite the progress above, there are still thousands of sites to be addressed that need additional funding.

## 2. ENVIRONMENTAL CLEANUP AND REDEVELOPMENT PROGRAM

### Purpose:

The CRP is administered by the RRD and is governed by Parts 195, 196, 201, 213, and 215 of Act 451. Under this program, the RRD initiates and oversees state-funded cleanup actions at Michigan sites of environmental contamination when there are no financially viable liable person(s), or where the liable person(s) refuses to act in a timely manner and immediate action is needed.

### Site Selection:

Cleanup projects are proposed annually by the MDEQ and are approved by the Legislature via an appropriations bill. Historically, the sites selected and approved were those that presented the most significant risks to public health or the environment. However, starting in FY 1997 and with passage of the CMI Bond Fund, sites were also selected and approved based on their redevelopment potential.

The CRP sites included in this report are those sites approved by the Legislature to receive cleanup funds from FY 1989 through FY 2013. This includes sites approved to receive state funds in order to match federal funds for cleanup actions at federally listed sites of contamination (i.e., Superfund match sites).

### Program Funding:

Funding sources for the CRP include: the EPBF from FY 1989 through FY 1997, FY 2003, FY 2007, and FY 2012; General Fund/General Purpose (GF) monies from FY 1997 through FY 2002; the CRF from FY 1997 through FY 2004; CMI Bond Fund from FY 1999 through FY 2005, FY 2007, FY 2008 and FY2013; Environmental Protection Fund (EPF) from FY 2002 through FY 2004; and RPF in FY 2006, and FY 2008 through FY 2012. In FY 2012, an appropriation of \$6 million in GF was received for response actions at a site in Muskegon County. From FY 1989 through FY 2013, approximately \$878 million has been appropriated for site-specific cleanup projects at 2,011 sites. The chart below identifies appropriations and expenditures by funding source for the CRP.

### Environmental Cleanup and Redevelopment Program

	Net Appropriations	Cumulative Expenditures 9/30/13	Reserved for Specific Sites	Unreserved Balance
Clean Michigan Initiative Bond Fund	\$226,156,845	\$223,025,829	\$3,131,016	\$0
Cleanup and Redevelopment Fund	\$77,381,039	\$77,381,039	\$0	\$0
Environmental Protection Bond Fund	\$355,971,063	\$345,713,813	\$10,257,250	\$0
Environmental Protection Fund	\$30,596,599	\$30,595,873	\$726	\$0
General Purpose/General Fund	\$75,897,484	\$69,897,484	\$6,000,000	\$0
Refined Petroleum Fund	\$111,992,957	\$73,639,152	\$29,428,791	\$8,925,014
<b>Total</b>	<b>\$877,995,987</b>	<b>\$820,253,190</b>	<b>\$48,817,783</b>	<b>\$8,925,014</b>

### Explanation of "Overall Status" Information for the Table in Appendix B:

Many CRP sites are approved to receive state cleanup funds in more than one fiscal year and for more than one type of cleanup activity. The information provided under "Overall Status" takes into account all activities approved for state funding and activities the RRD plans to take in the future.

#### Cancelled:

All planned state-funded cleanup activities have been cancelled. This is often due to work being completed by another party or planned work is no longer needed to abate the acute risk to public health or the environment. Planned work was cancelled at 125 sites.

<b>Closed/Closed Monitoring Only (MO):</b>	All state-funded cleanup activities that the RRD planned to undertake have been completed and the projects have been closed out. In some cases, monitoring of groundwater or drinking water may still be occurring to ensure continued compliance with criteria. There are 1,022 sites in this status.
<b>Complete:</b>	All state-funded cleanup activities that the RRD planned to undertake have been completed. Generally, the RRD waits for final closeout documentation from contractors and abandonment of monitoring wells to complete closure procedures. Cleanup actions are complete at 120 sites.
<b>Funding Hold:</b>	Insufficient funding is available to complete work at many sites. These sites do not pose an immediate threat to the health of Michigan residents. The state has suspended cleanup actions at 92 sites until additional funding is secured.
<b>In Progress:</b>	State-funded cleanup activities are in progress. There are 119 sites in this category.
<b>Monitoring:</b>	All state-funded cleanup activities that the RRD planned to undertake have been completed, however, monitoring of groundwater or drinking water is still occurring to ensure further state-funded actions are not required. These sites may need further actions if concentrations in the groundwater increase above applicable criteria. The RRD is monitoring 112 sites.
<b>OM:</b>	Treatment, remediation, or new water supply systems have been constructed and the remaining cleanup activities consist largely of OM of groundwater treatment systems. There are 48 sites in the OM phase.
<b>Potentially Liable Party (PLP):</b>	Other parties are conducting cleanup activities. State funds are not being expended at these sites. A liable party or another entity is performing remediation actions at 254 sites that had previously been recommended for state funding.

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### 3. STRATEGIC WATER QUALITY INITIATIVE PROGRAM

**Purpose:**

The SWQI is administered by the RRD and is governed by Parts 52, 195, 196, and 201 of Act 451. Under this program, the RRD initiates and oversees state-funded cleanup actions at Michigan sites of environmental contamination when there are no financially viable liable person(s).

**Site Selection:**

Cleanup projects are selected annually by the MDEQ and are required to meet the following criteria: improve the quality of the waters of the state; the identity of the person(s) who are liable under Part 201 for the release resulting in the water pollution is not known or the person(s) who are liable do not have sufficient resources to fund the required response activities; the facilities include property that is located within the identified planning area boundaries of a publicly owned sanitary sewer system; and response activities are necessary to address existing or imminent unacceptable risks arising from conditions that contribute to nonpoint source water pollution, including project management activities within the MDEQ. The sites selected are those that present the most significant risks to public health or the environment.

Many of the SWQI sites included in this report were funded by the CRP prior to FY 2011 and include sites approved to receive state funds in order to match federal funds for cleanup actions at federally listed sites of contamination (i.e., Superfund match sites).

**Program Funding:**

The program has received more than \$64 million from the SWQIF from FY 2011 through FY 2013 to address contamination at 39 sites. The chart below identifies appropriations and expenditures for the SWQI.

**Strategic Water Quality Initiative Program**

	<b>Net Appropriations</b>	<b>Cumulative Expenditures 9/30/13</b>	<b>Reserved for Specific Sites</b>	<b>Unreserved Balance</b>
<b>Strategic Water Quality Initiative Fund</b>	\$64,386,346	\$25,048,415	\$39,337,931	\$0

**Explanation of “Overall Status” Information for the Table in Appendix C:**

Many SWQI sites are approved to receive state cleanup funds in more than one fiscal year and for more than one type of cleanup activity. The information provided under “Overall Status” takes into account all activities approved for state funding and activities the RRD plans to take in the future.

- In Progress:** State-funded cleanup activities are in progress. There are 20 sites in this category.
- Monitoring:** All state-funded cleanup activities that the RRD planned to undertake have been completed, however, monitoring of groundwater or drinking water is still occurring to ensure further state-funded actions are not required. These sites may need further actions if concentrations in the groundwater increase above applicable criteria. The RRD is monitoring two sites.
- OM:** Treatment, remediation, or new water supply systems have been constructed and the remaining cleanup activities consist largely of OM of groundwater treatment systems. There are 16 sites in the OM phase.

**Potentially Liable  
Party (PLP):**

Other parties are conducting cleanup activities. State funds are not being expended at these sites. A liable party or another entity is performing remediation actions at one site that had previously been recommended for state funding.

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## 4. ENVIRONMENTAL CLEANUP AND REDEVELOPMENT EMERGENCY AND CONTINGENCY PROGRAM

### Purpose:

The RRD, E&C Program, is governed by Parts 201, 213, and 195 of Act 451. Under this program, the RRD initiates and oversees state-funded cleanup actions that are of an emergency or short-term nature, such as:

- Removal of abandoned drums.
- Restricting access to a location by fencing the area.
- Responding to hazardous substance spills.
- Abating imminent fire and explosion hazards.
- Abating imminent public health hazards.
- Mitigating the discharge of regulated substances into surface waters and/or other sensitive environmental receptors.
- Providing bottled water and/or temporary treatment devices to residences with contaminated drinking water until a permanent replacement is provided.
- Monitoring threatened drinking water wells.
- Providing emergency drinking water well replacement.

### Site Selection:

The RRD identifies emergency cleanup actions and contingencies as the need arises. Actions can be taken in all areas of the state. Examples of the use of these funds include: disposing of barrels that are a threat to public health and the environment; assessing suspect sites to evaluate acute risk; cleanup of truck, tanker, and rail car spills; providing bottled water to residences at sites of environmental contamination where the groundwater is impacted; and abating an imminent threat to the public health caused by a release of a regulated substance to the environment.

### Program Funding:

Funding sources for the RRD, E&C Program, include: the EPBF from FY 1989 through FY 1997 and FY 2003; GF monies in FY 1997; the CRF from FY 1998 through FY 2013; and the RPF from FY 2008 through FY 2013. As outlined in the chart below, from FY 1989 through FY 2013, the RRD received more than \$50 million in appropriations and has expended over \$46 million for E&C actions. The unreserved balance is set aside to be used for future E&C activities.

### Emergency and Contingency Program

	Net Appropriations	Cumulative Expenditures 9/30/13	Reserved for Ongoing Projects	Unreserved Balance
<b>Cleanup and Redevelopment Fund</b>	\$34,255,339	\$31,159,889	\$1,164,234	\$1,931,216
<b>Environmental Protection Bond Fund</b>	\$10,312,732	\$10,312,732	\$0	\$0
<b>General Fund/General Purpose</b>	\$1,557,458	\$1,557,458	\$0	\$0
<b>Refined Petroleum Fund</b>	\$4,547,482	\$3,594,796	\$0	\$952,686
<b>Total</b>	\$50,673,011	\$46,624,875	\$1,164,234	\$2,883,902

### Explanation of "Overall Status" Information for the Table in Appendix D:

**Complete:** All state-funded E&C cleanup activities have been completed.

**In Progress:** State-funded E&C cleanup activities in progress.

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## REVITALIZATION REVOLVING LOAN PROGRAM

**Purpose:**

The Revitalization Revolving Loan (RRL) Program is administered by the RRD. The RRLs are awarded to local units of government and local Brownfield Redevelopment Authorities for environmental assessments, demolition, and other remedial actions. There is no limitation on the amount a loan applicant may borrow and loans are awarded based on available funding.

**Site Selection:**

Loans are approved by the Director of the MDEQ based on eligibility criteria contained in Part 201 of Act 451.

**Program Funding:**

The RRL Program was originally capitalized through an appropriation transfer of \$4 million of general funds. The RRL Program also received funds pursuant to 1996 PA 480 for the proceeds associated with the MDTMB land sales. The accumulated interest and loan repayments can be used to make loans to local units of government and Brownfield Redevelopment Authorities. Interest accrued on the fund balance less fees in FY 2013 reduced the available funding by \$3,806. To date, 26 projects have been funded totaling \$10.2 million. Loan repayments in FY 2013 amounted to \$437,059. Some loan projects have been completed under budget resulting in additional funds available for new loans.

### Revitalization Revolving Loan Program

	Available Funding	Cumulative Loan Repayments 9/30/13	Cumulative Interest Repayments 9/30/13	Loan Funds Returned	Total Available Funding	Amount Awarded	Available Balance
<b>Revitalization Revolving Loan Fund</b>	\$5,741,921	\$4,366,006	\$423,155	\$2,446,714	\$12,977,796	\$10,235,113	\$2,742,683

**Explanation of “Activity Status” Information for the Table in Appendix E:**

- Cancelled:** Loan award cancelled at the recipient’s request.
- Closed:** Loan funds have been repaid.
- Completed:** Loan funded activities are completed.
- In Progress:** Grant funded activities are in progress.

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## SITE RECLAMATION GRANT PROGRAM

### Purpose:

The Site Reclamation Grant Program (SRG) is administered by the RRD and is governed by Parts 195 and 201 of Act 451. Under the program, the RRD provides grants up to \$2 million to Brownfield Redevelopment Authorities, cities, counties, villages, and townships for environmental response activities on property where an economic development has been identified. The development must include private investment, job creation, and take place on property that is a "facility," i.e., contaminated, as defined by Part 201 of Act 451.

### Site Selection:

Proposals for projects are accepted on an ongoing basis. Grants are approved by the Director of the MDEQ based on eligibility criteria contained in the administrative rules in Part 195 and Part 201, and as set forth by the MDEQ.

### Program Funding:

A total of \$35 million in EPBF has been appropriated. To date, 76 grant projects have been funded in 57 communities. Funds allocated to canceled projects or returned from projects completed under budget go back to the EPBF and are available for future SRG projects. Proposals for funding are accepted on an ongoing basis and are often awarded in combination with other grant and loan programs.

### Site Reclamation Grant Program

	Net Appropriations	Grant Funds Returned <sup>1</sup>	Total Available Funding	Grant Funds Awarded	Cumulative Expenditures 9/30/13	Available Balance
Environmental Protection Bond Fund	\$35,000,000	\$10,204,351	\$45,204,351	\$44,825,213	\$34,427,952	\$379,138

### Explanation of "Activity Status" Information for the Table in Appendix F:

- Cancelled:** The project was cancelled. No funds were expended.
- Complete:** All grant-funded activities are complete.
- In Progress:** Grant-funded activities are in progress.

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<sup>1</sup> Grant Funds Returned: Includes cancelled projects and funds returned from closed projects.

## SITE ASSESSMENT GRANT PROGRAM

### Purpose:

The Site Assessment Grant Program (SAG) is administered by the RRD and is governed by Parts 195 and 201 of Act 451. Under this program, the RRD provides grants up to \$1 million to eligible local units of government (defined as “Core Communities”) to assess the nature and extent of contamination at properties with economic development potential.

### Site Selection:

Proposals for projects are accepted on an ongoing basis. Grants are approved by the Director of the MDEQ based on eligibility criteria contained in the administrative rules in Part 195 and Part 201, and as set forth by the MDEQ.

### Program Funding:

A total of \$10 million in EPBF has been appropriated. To date, 120 grant projects have been awarded in 46 communities. Funds allocated to projects subsequently cancelled or returned from projects completed under budget, go back to the EPBF and are available for future SAG projects. Proposals for funding are accepted on an ongoing basis, and are often awarded in combination with other grants and loans programs.

### Site Assessment Grant Program

	Appropriations	Grant Funds Returned <sup>2</sup>	Total Available Funding	Grant Funds Awarded	Cumulative Expenditures 9/30/13	Available Balance
Environmental Protection Bond Fund	\$10,000,000	\$3,764,867	\$13,764,867	\$13,764,867	\$9,888,475	\$0

### Explanation of “Activity Status” Information for the Table in Appendix G:

**Cancelled:** The project was cancelled at the recipient’s request.

**Complete:** All grant-funded activities are complete.

**In Progress:** Grant-funded activities are in progress.

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<sup>2</sup> Grant Funds Returned: Includes cancelled projects and funds returned from closed projects.

## BROWNFIELD REDEVELOPMENT GRANT PROGRAM

**Purpose:**

The Brownfield Redevelopment Grant Program (BRG) is administered by the RRD and is governed by Parts 196 and 201 of Act 451. Under this program, grants are awarded to local units of government and Brownfield Redevelopment Authorities created pursuant to state law for response activities at brownfield sites with redevelopment potential.

**Site Selection:**

Grants are approved by the Director of the MDEQ based on eligibility criteria set forth in Part 196 of Act 451. Eligible sites are those which meet the definition of a facility as defined in Part 201 of Act 451 or sites suspected of being a facility based on the historical use of the property. Eligible response activities include evaluation, cleanup, removal, or containment of hazardous substances as necessary to protect public health and the environment or natural resources.

**Program Funding:**

The CMI legislation initially identified up to \$20 million in bond funds available for the BRG. The statute was amended in December of 2003 and December 2012 to increase the funds available for Brownfield Redevelopment Grants to \$50 million. Two new projects were awarded grants in FY 2013, and three budget increases were made to existing projects, totaling \$2.6 million. To date, a total of 73 projects have been funded, totaling \$46.1 million. Funds allocated to projects subsequently cancelled, or returned from projects completed under budget, go back to the fund and are available for future BRG projects. The available balance is set aside for future projects.

### Brownfield Redevelopment Grant Program

	Net Appropriations	Grant Funds Returned	Total Available Funding	Grant Funds Awarded	Cumulative Expenditures 9/30/13	Available Balance
<b>Clean Michigan Initiative Bond Fund</b>	\$37,537,456	\$9,603,811	\$47,141,267	\$46,159,066	\$31,273,955	\$982,201

**Explanation of “Activity Status” Information for the Table in Appendix H:**

**Cancelled:** The project was cancelled at the recipient's request.

**Completed:** All grant-funded activities are complete and the grant project is closed out.

**In Progress:** Grant-funded activities are in progress.

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## BROWNFIELD REDEVELOPMENT LOAN PROGRAM

**Purpose:**

The Brownfield Redevelopment Loan Program (BRL) is administered by the RRD and is governed by Parts 196 and 201 of Act 451. Under this program, loans are awarded to local units of government and Brownfield Redevelopment Authorities created pursuant to state law for response activities at brownfield sites with redevelopment potential.

**Site Selection:**

Loans are approved by the Director of the MDEQ based on eligibility criteria set forth in Part 196 of Act 451. Eligible sites are those which meet the definition of a facility as defined in Part 201 of Act 451 or sites suspected of being facilities based on the historical use of the property. Eligible response activities include evaluation, cleanup, removal, or containment of hazardous substances as necessary to protect public health and the environment or natural resources.

**Program Funding:**

The CMI statute was amended in December 2003 and December 2012 to provide funds up to \$25 million for the CMI BRL Program. The MDEQ received a \$15 million appropriation in FY 2004 and a \$10 million appropriation in FY 2007. The CMI Bond Fund provides for a one-time expenditure to capitalize the BRL. To date, 54 loans have been awarded totaling \$32.2 million. The loan period is 15 years, with interest accruing at the beginning of the sixth year. Repayments, along with the available balance, are available for loans for future projects. A total of 14 projects (totaling \$6.6 million) were cancelled by the recipients for various reasons. Five new loans were awarded in FY 2013 totaling \$3.7 million.

**Brownfield Redevelopment Loan Program**

	<b>Net Appropriations</b>	<b>Cumulative Loan Repayments 9/30/13</b>	<b>Cumulative Interest Repayments 9/30/13</b>	<b>Loan Funds Returned</b>	<b>Total Available Funding</b>	<b>Amount Awarded</b>	<b>Available Balance</b>
<b>Clean Michigan Initiative Bond Fund</b>	\$25,000,000	\$4,047,901	\$320,522	\$11,660,525	\$41,028,948	\$32,169,777	\$8,859,171

**Explanation of “Activity Status” Information for the Table in Appendix I:**

- Cancelled:** Loan award cancelled at the recipient’s request.
- Closed:** Loan funds have been repaid.
- Completed:** Loan funded activities are completed.
- In Progress:** Loan funded activities are in progress.

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## SECTION THREE: BROWNFIELD REDEVELOPMENT FINANCING ACT

### **Purpose:**

The Brownfield Redevelopment Financing Act, 1996 PA 381, as amended (Act 381), authorizes municipalities to establish a Brownfield Redevelopment Authority (Authority) to facilitate the implementation of brownfield plans and promote revitalization of brownfield properties through the use of tax increment financing for eligible activities.

### **Eligible Property:**

An eligible property is a contaminated property that meets the definition of “facility” as defined in Part 201 of Act 451 or a “blighted” or “functionally obsolete” property as defined in Act 381. The municipality must approve a brownfield plan that identifies eligible properties on which eligible activities will be conducted and from which the Authority will capture tax increment revenues to reimburse the cost of the activities. Generally, properties are identified by the Authority in conjunction with a developer interested in redeveloping a property.

### **Project Approval:**

Approval by the MDEQ of a work plan is required where state and local taxes levied for school operating purposes will be used to pay for certain eligible activities on contaminated property. Eligible activities requiring the MDEQ approval include activities to implement due care and additional response activities under Part 201. In addition, if school taxes will be captured to reimburse interest costs associated with the financing of the environmental activities, the MDEQ work plan approval is needed for all environmental activities including Baseline Environmental Assessment (BEA) and due care planning activities.

### **Calendar Year 2013 Summary:**

During the period from January 1, 2013, through December 31, 2013, the MDEQ reviewed 14 work plans for 10 different Brownfield Redevelopment Authorities and approved 13 of them for a total of \$13,609,122 (local and state school tax capture) for eligible activities at eligible properties. All work plans were reviewed within the time frame required under Act 381. These projects would leverage an estimated \$118,040,429 and create or retain an estimated 523 jobs.

Note: The Former Northville Psychiatric Hospital project has not yet been approved and has not been accounted for in the job creation and private investment totals.

### **Explanation of Information in Appendix J:**

Appendix J includes a summary of information for projects which the MDEQ reviewed work plans for in 2013. This summary is responsive to the reporting requirement in Section 15(12)(a) of Act 381.

**Contact Person:** Ms. Carrie Geyer, Chief, Brownfield Redevelopment Program Unit, Program Support Section, RRD, MDEQ; 517-284-5182; e-mail: [geyerc1@michigan.gov](mailto:geyerc1@michigan.gov)

## SECTION FOUR: CLEANUP CRITERIA EVALUATION

### Purpose:

Under Section 20120a(18) of Part 201 of Act 451, the MDEQ is to annually evaluate and revise, if appropriate, the cleanup criteria derived under this section. The evaluation is intended to incorporate knowledge gained through research and studies in the areas of fate, transport, and risk assessment. The MDEQ is required to prepare and submit to the Legislature a report detailing revisions made to cleanup criteria under this section. Inclusion of this section in the Consolidated Report satisfies this obligation.

### Revisions:

The Part 7 administrative rules, Cleanup Criteria Requirements for Remedial Actions and Interim Response Activity Designed to Meet Criteria, promulgated pursuant to Part 201 of Act 451, were rescinded effective December 31, 2013. The Cleanup Criteria Requirements for Response Activity Rules, Part 201 administrative rules 299.1 to 299.50, became effective December 30, 2013. A link to the new Part 201 cleanup criteria rules is available on the RRD Web site.

The Part 201 groundwater and soil cleanup criteria and screening levels, criteria footnotes, and the toxicological and chemical-physical properties of the hazardous substances are now located in the following rules:

- R 299.44 Generic groundwater cleanup criteria (Table 1).
- R 299.46 Generic soil cleanup criteria for residential category (Table 2).
- R 299.48 Generic soil cleanup criteria for nonresidential category (Table 3).
- R 299.49 Footnotes for generic cleanup criteria tables.
- R 299.50 Toxicological and chemical-physical properties (Table 4).

As presented in the Cleanup Criteria Requirements for Response Activity Rules, some groundwater and soil cleanup criteria and screening levels were revised, as compared to the previous September 28, 2012, release of these tables under the Part 7 Rules. The changes are noted in a document that is posted on the Internet at: [http://www.michigan.gov/deg/0,4561,7-135-3311\\_4109\\_9846\\_30022-251790--,00.html](http://www.michigan.gov/deg/0,4561,7-135-3311_4109_9846_30022-251790--,00.html).

**Contact Person:** Ms. Christine Flaga, Chief, Toxicological Unit, RRD, MDEQ; 517-284-5098; e-mail: [flagac@michigan.gov](mailto:flagac@michigan.gov)

## PART FOUR – CLEAN MICHIGAN INITIATIVE BOND

### SECTION ONE: CLEAN MICHIGAN INITIATIVE BOND FUND SUMMARY

In November 1998 Michigan citizens approved a \$675 million CMI Bond Fund to be used for brownfield redevelopment and environmental cleanup; protecting and enhancing Michigan's lakes, rivers, and streams; reclaiming and revitalizing local waterfronts; making critical state park improvements; enhancing local parks and recreational opportunities; pollution prevention; and protecting the public from lead hazards. Part 196 of Act 451 provides for the specific use of these funds. The MDEQ portion (\$570 million) of the CMI Bond Fund includes program expenditures addressed in this report in the Financial Summary for the CMI Bond Fund Table on page 32. This table includes six categories that the MDEQ is responsible for administering under the CMI Bond Fund: response activities at facilities; waterfront improvements; remediation of contaminated lake and river sediments; nonpoint source pollution control grants; clean water fund programs; and pollution prevention programs. In FY 2006 the MDNR received a \$500,000 appropriation, of which \$2,720 has lapsed out of the CMI Bond Fund in the Water Quality Monitoring and Water Resources Protection and Pollution Control Category. This appropriation is included in the table below.

Below is a brief summary of the appropriations received by the MDEQ for state-funded environmental programs through FY 2013.

#### Funding from the Clean Michigan Initiative Bond Fund

<b>Response Activities</b>		
• Cleanup and Redevelopment Program	RRD	\$226,156,845
• Municipal Landfill Grant Program	RRD	\$8,000,000
• Brownfield Redevelopment Grant Program	RRD	\$37,537,456
• Brownfield Redevelopment Loan Program	RRD	\$25,000,000
<b>Waterfront Improvements</b>		
• Waterfront Redevelopment Grants Program	RRD	\$49,999,668
<b>Remediation of Contaminated Lake and River Sediments</b>		
• Contaminated Lake and River Sediment Program	WRD	\$21,208,537
<b>Nonpoint Source Pollution Prevention Grants</b>		
• Nonpoint Source Pollution Control Grants	WRD	\$35,707,027
<b>Water Quality Monitoring and Water Resources Protection and Pollution Control</b>		
• Abandoned Well Management Grant Program	WRD	\$2,277,286
• Water Use and Withdrawal Programs	WRD	\$1,473,490
• Water Use and Withdrawal Programs	MDNR	\$497,280
• Drinking Water Program	WRD	\$973,000
• Water Quality Monitoring	WRD	\$33,669,532
• Voluntary Storm Water Permits Grants	WRD	\$3,395,246
• Failing On-Site Septic Systems	WRD	\$6,771,056
• Protecting High Quality Waters	WRD	\$5,681,111
• Illicit Storm Sewer Connection Grants	WRD	\$7,638,931
• Remedial Action Plan and Lakewide Management Plans Implementation Grants	WRD	\$7,692,968
• Conservation Reserve Enhancement Program	WRD	\$5,000,000
• Village of Chesaning Water Pollution Control Grant	WRD	\$899,957
<b>Pollution Prevention Programs</b>		
• Retired Engineer Technical Assistance Program (RETAP) Fund	LARA	\$10,000,000
• Small Business Pollution Prevention Assistance Revolving Loan Fund	OEA	\$5,000,000
• Michigan Household Hazardous Waste Collection Initiative	OEA	\$958,667
• Green Chemistry Support Program	OEA	\$948,596
• Environmental Education Curriculum Project	OEA	\$999,998
• Regional Pollution Prevention Grant Program	OEA	\$664,803
<b>Administration</b>		<b>\$17,087,999</b>
<b>Funding Totals</b>		<b>\$515,239,453</b>

**Financial Summary  
Clean Michigan Initiative Bond Fund  
For Fiscal Year 2013**

<b>Program Purpose</b>	<b>Total CMI Available for Appropriation (1)</b>	<b>Prior Years Cumulative Appropriation Net Lapses</b>	<b>FY 2013 Appropriation Net Lapses (2)</b>	<b>Remaining Amount to be Appropriated</b>	<b>FY 2013 Staff Costs</b>	<b>FY 2013 Project Costs</b>	<b>FY 2013 Total Costs</b>	<b>Prior Year Cumulative Costs</b>	<b>Cumulative Costs Through FY 2013</b>
Response Activities	\$324,025,634	\$301,899,301	\$295,000	\$21,831,333	\$0	\$4,079,549	\$4,079,549	\$289,189,146	\$293,268,695
Waterfront Improvements	\$50,000,000	\$49,999,668	\$0	\$332	\$0	\$129,571	\$129,571	\$49,579,388	\$49,708,959
Remediation of Contaminated Lake and River Sediments	\$24,460,930	\$21,208,537	\$0	\$3,252,393	\$0	\$57,926	\$57,926	\$20,033,135	\$20,091,061
Nonpoint Source Pollution Prevention	\$48,443,334	\$35,707,027	\$0	\$12,736,307	\$0	\$379,064	\$379,064	\$31,110,437	\$31,489,501
Water Quality Monitoring and Water Resources Protection and Pollution Control	\$86,691,889	\$73,401,907	\$2,567,951	\$10,722,031	\$0	\$2,419,227	\$2,419,227	\$71,015,717	\$73,434,944
Pollution Prevention	\$19,290,214	\$18,572,063	\$0	\$718,151	\$0	\$89,757	\$89,757	\$18,331,751	\$18,421,508
Administration	\$17,087,999	\$17,087,999	\$0	\$0	\$0	\$0	\$0	\$17,087,999	\$17,087,999
<b>Grand Totals</b>	<b>\$570,000,000</b>	<b>\$517,876,502</b>	<b>\$2,862,951</b>	<b>\$49,260,547</b>	<b>\$0</b>	<b>\$7,155,094</b>	<b>\$7,155,094</b>	<b>\$496,347,573</b>	<b>\$503,502,667</b>

(1) Per 1998 PA 288.

(2) Per 2012 PA 200.

**Project Cost Summary**  
**Clean Michigan Initiative Bond Fund**  
**as of September 30, 2013**

<b>Program, (Fund Number), &amp; Amount Available for Appropriation</b>	<b>Amount Appropriated</b>	<b>Cumulative Appropriation</b>	<b>Amount Remaining to be Appropriated</b>	<b>Fiscal Year</b>	<b>Amount Expended</b>	<b>Cumulative Expenditures</b>
Response Activities (0681/0781) \$324,025,634	\$62,253,721	\$62,253,721	\$261,771,913	<b>1999</b>	\$821,323	\$821,323
	\$11,689,005	\$73,942,726	\$250,082,908	<b>2000</b>	\$7,663,361	\$8,484,684
	\$61,706,272	\$135,648,998	\$188,376,636	<b>2001</b>	\$26,644,798	\$35,129,482
	\$46,878,555	\$182,527,553	\$141,498,081	<b>2002</b>	\$42,502,128	\$77,631,610
	\$1,534,008	\$184,061,561	\$139,964,073	<b>2003</b>	\$21,923,036	\$99,554,646
	\$55,515,079	\$239,576,640	\$84,448,994	<b>2004</b>	\$31,369,181	\$130,923,827
	\$33,621,405	\$273,198,045	\$50,827,589	<b>2005</b>	\$34,745,282	\$165,669,109
	\$0	\$273,198,045	\$50,827,589	<b>2006</b>	\$25,348,681	\$191,017,790
	\$14,179,570	\$287,377,617	\$36,648,019	<b>2007</b>	\$20,243,260	\$211,261,050
	\$4,308,784	\$291,686,401	\$32,339,235	<b>2008</b>	\$32,231,135	\$243,492,185
	\$0	\$291,686,401	\$32,339,235	<b>2009</b>	\$21,825,032	\$265,317,217
	\$5,500,000	\$297,186,401	\$26,839,235	<b>2010</b>	\$11,159,503	\$276,476,720
	\$0	\$297,186,401	\$26,839,235	<b>2011</b>	\$1,354,792	\$277,831,512
\$4,712,900	\$301,899,301	\$22,126,335	<b>2012</b>	\$11,357,634	\$289,189,146	
\$295,000	\$302,194,301	\$21,831,333	<b>2013</b>	\$4,079,549	\$293,268,695	

Waterfront Improvements (0682/0782) \$50,000,000	\$20,000,000	\$20,000,000	\$30,000,000	<b>1999</b>	\$0	\$0
	\$28,075,125	\$48,075,125	\$1,924,875	<b>2000</b>	\$5,253,629	\$5,253,629
	\$0	\$48,075,125	\$1,924,875	<b>2001</b>	\$14,358,386	\$19,612,015
	\$0	\$48,075,125	\$1,924,875	<b>2002</b>	\$8,905,092	\$28,517,107
	\$0	\$48,075,125	\$1,924,875	<b>2003</b>	\$4,590,746	\$33,107,853
	\$0	\$48,075,125	\$1,924,875	<b>2004</b>	\$6,042,102	\$39,149,955
	\$1,924,544	\$49,999,668	\$332	<b>2005</b>	\$3,882,942	\$43,032,897
	\$0	\$49,999,668	\$332	<b>2006</b>	\$1,138,120	\$44,171,016
	\$0	\$49,999,668	\$332	<b>2007</b>	\$527,276	\$44,698,293
	\$0	\$49,999,668	\$332	<b>2008</b>	\$444,126	\$45,142,419
	\$0	\$49,999,668	\$332	<b>2009</b>	\$1,414,465	\$46,556,883
	\$0	\$49,999,668	\$332	<b>2010</b>	\$2,732,734	\$49,289,617
	\$0	\$49,999,668	\$332	<b>2011</b>	\$104,168	\$49,393,785
	\$0	\$49,999,668	\$332	<b>2012</b>	\$185,603	\$49,579,388
	\$0	\$49,999,668	\$332	<b>2013</b>	\$129,571	\$49,708,959

**Project Cost Summary  
Clean Michigan Initiative Bond Fund  
as of September 30, 2013**

<b>Program, (Fund Number), &amp; Amount Available for Appropriation</b>	<b>Amount Appropriated</b>	<b>Cumulative Appropriation</b>	<b>Amount Remaining to be Appropriated</b>	<b>Fiscal Year</b>	<b>Amount Expended</b>	<b>Cumulative Expenditures</b>
Remediation of Contaminated Lake and River Sediments (0683/0783) \$24,460,930	\$4,281,847	\$4,281,847	\$20,179,083	<b>1999</b>	\$135,425	\$135,425
	\$3,170,957	\$7,452,804	\$17,008,126	<b>2000</b>	\$124,658	\$260,083
	\$3,572,120	\$11,024,924	\$13,436,006	<b>2001</b>	\$1,607,032	\$1,867,115
	\$0	\$11,024,924	\$13,436,006	<b>2002</b>	\$956,835	\$2,823,950
	\$0	\$11,024,924	\$13,436,006	<b>2003</b>	\$1,788,017	\$4,611,967
	\$3,301,627	\$14,326,551	\$10,134,379	<b>2004</b>	\$809,780	\$5,421,747
	\$0	\$14,326,551	\$10,134,379	<b>2005</b>	\$3,644,924	\$9,066,671
	\$0	\$14,326,551	\$10,134,379	<b>2006</b>	\$4,945,223	\$14,011,894
	\$0	\$14,326,551	\$10,134,379	<b>2007</b>	\$197,936	\$14,209,830
	\$0	\$14,326,551	\$10,134,379	<b>2008</b>	\$111,784	\$14,321,614
	\$6,881,985	\$21,208,537	\$3,252,393	<b>2009</b>	(\$370,064)	\$13,951,550
	\$0	\$21,208,537	\$3,252,393	<b>2010</b>	\$246,773	\$14,198,324
	\$0	\$21,208,537	\$3,252,393	<b>2011</b>	\$1,345,988	\$15,544,312
\$0	\$21,208,537	\$3,252,393	<b>2012</b>	\$4,488,823	\$20,033,135	
\$0	\$21,208,537	\$3,252,393	<b>2013</b>	\$57,926	\$20,091,061	

Nonpoint Source Pollution Prevention (0684/0784) \$48,443,334	\$11,754,298	\$11,754,298	\$36,689,036	<b>1999</b>	\$0	\$0
	\$0	\$11,754,298	\$36,689,036	<b>2000</b>	\$88,580	\$88,580
	\$7,063,444	\$18,817,742	\$29,625,592	<b>2001</b>	\$1,506,797	\$1,595,377
	\$0	\$18,817,742	\$29,625,592	<b>2002</b>	\$2,517,116	\$4,112,493
	\$0	\$18,817,742	\$29,625,592	<b>2003</b>	\$3,369,915	\$7,482,408
	\$9,471,616	\$28,289,358	\$20,153,976	<b>2004</b>	\$2,810,769	\$10,293,177
	\$4,417,670	\$32,707,027	\$15,736,307	<b>2005</b>	\$3,393,084	\$13,686,261
	\$0	\$32,707,027	\$15,736,307	<b>2006</b>	\$3,870,127	\$17,556,388
	\$0	\$32,707,027	\$15,736,307	<b>2007</b>	\$3,069,107	\$20,625,495
	\$0	\$32,707,027	\$15,736,307	<b>2008</b>	\$4,318,958	\$24,944,453
	\$0	\$32,707,027	\$15,736,307	<b>2009</b>	\$2,595,358	\$27,539,811
	\$3,000,000	\$35,707,027	\$12,736,307	<b>2010</b>	\$1,948,435	\$29,488,246
	\$0	\$35,707,027	\$12,736,307	<b>2011</b>	\$1,060,169	\$30,548,415
	\$0	\$35,707,027	\$12,736,307	<b>2012</b>	\$562,021	\$31,110,437
\$0	\$35,707,027	\$12,736,307	<b>2013</b>	\$379,064	\$31,489,501	

**Project Cost Summary**  
**Clean Michigan Initiative Bond Fund**  
**as of September 30, 2013**

<b>Program, (Fund Number), &amp; Amount Available for Appropriation</b>	<b>Amount Appropriated</b>	<b>Cumulative Appropriation</b>	<b>Amount Remaining to be Appropriated</b>	<b>Fiscal Year</b>	<b>Amount Expended</b>	<b>Cumulative Expenditures</b>
Water Quality Monitoring and Water Resources Protection and Pollution Control (0685/0785) \$86,691,889	\$0	\$0	\$86,691,889	<b>1999</b>	\$0	\$0
	\$19,345,898	\$19,345,898	\$67,345,991	<b>2000</b>	\$178,638	\$178,638
	\$16,396,262	\$35,742,159	\$50,949,730	<b>2001</b>	\$1,471,754	\$1,650,392
	\$7,082,254	\$42,824,413	\$43,867,476	<b>2002</b>	\$5,664,248	\$7,314,640
	\$2,501,458	\$45,325,871	\$41,366,018	<b>2003</b>	\$6,592,974	\$13,907,614
	\$3,347,910	\$48,673,781	\$38,018,108	<b>2004</b>	\$6,646,223	\$20,553,836
	\$4,023,852	\$52,697,633	\$33,994,256	<b>2005</b>	\$9,054,207	\$29,608,043
	\$3,584,917	\$56,282,550	\$30,409,339	<b>2006</b>	\$9,152,849	\$38,760,892
	\$3,053,500	\$59,336,050	\$27,355,839	<b>2007</b>	\$8,783,262	\$47,544,154
	\$3,509,406	\$62,845,456	\$23,846,433	<b>2008</b>	\$6,666,527	\$54,210,681
	\$3,817,619	\$66,663,075	\$20,028,814	<b>2009</b>	\$6,878,984	\$61,089,665
	\$1,428,009	\$68,091,084	\$18,600,805	<b>2010</b>	\$4,097,532	\$65,187,197
	\$2,339,536	\$70,430,620	\$16,261,269	<b>2011</b>	\$3,183,943	\$68,371,140
	\$2,971,290	\$73,401,910	\$13,289,979	<b>2012</b>	\$2,644,575	\$71,015,715
\$2,567,951	\$75,969,861	\$10,722,028	<b>2013</b>	\$2,419,227	\$73,434,942	

Pollution Prevention (0686/0786) \$19,290,214	\$15,000,000	\$15,000,000	\$4,290,214	<b>1999</b>	\$15,000,000	\$15,000,000
	\$2,570,518	\$17,570,518	\$1,719,696	<b>2000</b>	\$197	\$15,000,197
	\$0	\$17,570,518	\$1,719,696	<b>2001</b>	\$10,779	\$15,010,976
	\$0	\$17,570,518	\$1,719,696	<b>2002</b>	\$595,959	\$15,606,935
	\$0	\$17,570,518	\$1,719,696	<b>2003</b>	\$711,654	\$16,318,589
	\$0	\$17,570,518	\$1,719,696	<b>2004</b>	\$438,333	\$16,756,922
	\$0	\$17,570,518	\$1,719,696	<b>2005</b>	\$382,265	\$17,139,187
	\$52,950	\$17,623,468	\$1,666,746	<b>2006</b>	\$374,594	\$17,513,781
	\$948,596	\$18,572,063	\$718,151	<b>2007</b>	\$109,560	\$17,623,341
	\$0	\$18,572,063	\$718,151	<b>2008</b>	\$7,962	\$17,631,303
	\$0	\$18,572,063	\$718,151	<b>2009</b>	\$177,597	\$17,808,900
	\$0	\$18,572,063	\$718,151	<b>2010</b>	\$55,300	\$17,864,200
	\$0	\$18,572,063	\$718,151	<b>2011</b>	\$198,900	\$18,063,100
	\$0	\$18,572,063	\$718,151	<b>2012</b>	\$268,650	\$18,331,751
	\$0	\$18,572,063	\$718,151	<b>2013</b>	\$89,757	\$18,421,508

**Project Cost Summary**  
**Clean Michigan Initiative Bond Fund**  
**as of September 30, 2013**

<b>Program, (Fund Number), &amp; Amount Available for Appropriation</b>	<b>Amount Appropriated</b>	<b>Cumulative Appropriation</b>	<b>Amount Remaining to be Appropriated</b>	<b>Fiscal Year</b>	<b>Amount Expended</b>	<b>Cumulative Expenditures</b>
Administration (0687)	\$0	\$0	\$17,087,999	<b>1999</b>	\$0	\$0
\$17,087,999	\$513,885	\$513,885	\$16,574,114	<b>2000</b>	\$513,885	\$513,885
	\$2,321,503	\$2,835,388	\$14,252,611	<b>2001</b>	\$2,315,781	\$2,829,666
	\$2,150,423	\$4,985,811	\$12,102,188	<b>2002</b>	\$2,152,642	\$4,982,308
	\$2,264,717	\$7,250,528	\$9,837,471	<b>2003</b>	\$2,265,924	\$7,248,232
	\$2,502,245	\$9,752,773	\$7,335,226	<b>2004</b>	\$2,504,539	\$9,752,771
	\$2,892,023	\$12,644,796	\$4,443,203	<b>2005</b>	\$2,890,074	\$12,642,845
	\$2,877,368	\$15,522,164	\$1,565,835	<b>2006</b>	\$2,875,895	\$15,518,740
	\$1,129,832	\$16,651,996	\$436,003	<b>2007</b>	\$1,132,899	\$16,651,639
	\$320,644	\$16,972,640	\$115,359	<b>2008</b>	\$321,001	\$16,972,640
	\$115,359	\$17,087,999	\$0	<b>2009</b>	\$115,359	\$17,087,999
	\$0	\$17,087,999	\$0	<b>2010</b>	\$0	\$17,087,999
	\$0	\$17,087,999	\$0	<b>2011</b>	\$0	\$17,087,999
	\$0	\$17,087,999	\$0	<b>2012</b>	\$0	\$17,087,999
	\$0	\$17,087,999	\$0	<b>2013</b>	\$0	\$17,087,999

Totals By Fiscal Year	\$113,289,866	\$113,289,866	\$456,710,134	<b>1999</b>	\$15,956,748	\$15,956,748
	\$65,365,387	\$178,655,253	\$391,344,747	<b>2000</b>	\$13,822,948	\$29,779,696
	\$91,059,601	\$269,714,854	\$300,285,146	<b>2001</b>	\$47,915,327	\$77,695,023
	\$56,111,232	\$325,826,086	\$244,173,914	<b>2002</b>	\$63,294,020	\$140,989,043
	\$6,300,183	\$332,126,269	\$237,873,731	<b>2003</b>	\$41,242,266	\$182,231,309
	\$74,138,477	\$406,264,746	\$163,735,254	<b>2004</b>	\$50,620,926	\$232,852,235
	\$46,879,496	\$453,144,241	\$116,855,759	<b>2005</b>	\$57,992,778	\$290,845,013
	\$6,515,235	\$459,659,476	\$110,340,524	<b>2006</b>	\$47,705,489	\$338,550,502
	\$19,311,498	\$478,970,974	\$91,029,026	<b>2007</b>	\$34,063,294	\$372,613,796
	\$8,138,834	\$487,109,808	\$82,890,192	<b>2008</b>	\$44,101,493	\$416,715,289
	\$10,814,963	\$497,924,771	\$72,075,229	<b>2009</b>	\$32,636,731	\$449,352,020
	\$9,928,009	\$507,852,780	\$62,147,220	<b>2010</b>	\$20,240,277	\$469,592,297
	\$2,339,536	\$510,192,316	\$59,807,684	<b>2011</b>	\$7,247,960	\$476,840,257
	\$7,684,190	\$517,876,506	\$52,123,494	<b>2012</b>	\$19,507,307	\$496,347,564
	\$2,862,951	\$520,739,457	\$49,260,543	<b>2013</b>	\$7,155,094	\$503,502,658

Cumulative Appropriation Amount Available	\$570,000,000
Remaining Available for Appropriation	\$49,260,543
Cumulative Expenditure Amount Available	\$570,000,000
Remaining Available for Expenditure	\$66,497,335
Percent Used	88.34%
Percent Remaining	11.66%

**Administrative Cost Summary  
Clean Michigan Initiative Bond Fund  
as of September 30, 2013**

<b>Division</b>	<b>Amount Appropriated</b>	<b>Cumulative Appropriation</b>	<b>Fiscal Year</b>	<b>Amount Expended</b>	<b>Cumulative Expenditures</b>
Totals By Fiscal Year	\$0	\$0	<b>1999</b>	\$0	\$0
	\$513,885	\$513,885	<b>2000</b>	\$513,885	\$513,885
	\$2,321,503	\$2,835,388	<b>2001</b>	\$2,315,781	\$2,829,666
	\$2,150,423	\$4,985,811	<b>2002</b>	\$2,152,643	\$4,982,309
	\$2,264,717	\$7,250,528	<b>2003</b>	\$2,265,925	\$7,248,234
	\$2,502,245	\$9,752,773	<b>2004</b>	\$2,504,538	\$9,752,772
	\$2,892,022	\$12,644,795	<b>2005</b>	\$2,890,073	\$12,642,845
	\$2,877,368	\$15,522,163	<b>2006</b>	\$2,875,895	\$15,518,740
	\$1,129,833	\$16,651,996	<b>2007</b>	\$1,132,899	\$16,651,639
	\$320,644	\$16,972,640	<b>2008</b>	\$321,001	\$16,972,640
	\$115,359	\$17,087,999	<b>2009</b>	\$115,359	\$17,087,999
	\$0	\$17,087,999	<b>2010</b>	\$0	\$17,087,999
	\$0	\$17,087,999	<b>2011</b>	\$0	\$17,087,999

Cumulative Appropriation Amount Available	\$17,087,999
Remaining Available for Appropriation	\$0
Cumulative Expenditure Amount Available	\$17,087,999
Remaining Available for Expenditure	\$0
Percent Used	100%

**SUMMARY OF CLEAN MICHIGAN INITIATIVE BOND FUND SALES  
AS OF SEPTEMBER 30, 2013**

Most of the funding for CMI Bond Fund projects is provided by the net proceeds from general obligation bonds sold by Treasury. There are approximately \$80.3 million of authorized proceeds that remain available at this time. The following schedule details the sales that have occurred thus far:

NAME OF ISSUE	DATE	AMOUNT
CMI-1999 SERIES A	10/20/99	\$66,814,126.26
CMI-1999 SERIES B	10/20/99	\$15,133,105.32
CMI-2003 SERIES A	08/28/03	\$141,233,172.18
CMI-2004 SERIES A	09/15/04	\$478,216.36
CMI-2004 SERIES B	09/15/04	\$15,114,013.81
CMI-2005 SERIES A	07/07/05	\$71,158,006.77
CMI-2006 SERIES A	09/27/06	\$80,192,407.00
CMI-2008 SERIES A	04/29/08	\$16,170,489.55
CMI-2008 SERIES B	04/29/08	\$7,477,769.47
CMI-2009 SERIES A	04/14/09	\$47,128,624.81
CMI-2009 SERIES B	04/14/09	\$3,509,840.88
CMI-2010 SERIES B	10/20/10	\$10,023,654.74
CMI-2011 SERIES A	10/12/11	\$9,535,161.67
CMI-2011 SERIES B	10/12/11	\$5,584,413.72
TOTAL ISSUED TO DATE		\$489,553,002.54
TOTAL AUTHORIZED		\$570,000,000.00
<b>REMAINING AUTHORIZATION</b>		<b>\$80,446,997.46</b>

## SECTION TWO: WATERFRONT REDEVELOPMENT GRANTS PROGRAM

**Purpose:**

The Waterfront Redevelopment Grants Program (WRG) is administered by the RRD and governed by Part 196 of Act 451. The objective of this program is to reclaim and revitalize waterfront property throughout the state to maximize its economic and public value and provide waterfront access to the general public. Eligible activities include: environmental response activities, demolition of buildings and facilities, property acquisition, and infrastructure and public facility improvements.

**Site Selection:**

This program is funded by the CMI Bond Fund. Projects are selected for funding pursuant to the eligibility criteria set forth in Part 196 of Act 451.

**Program Funding:**

The CMI legislation identified up to \$50 million in bond funds available for the WRG. The MDEQ has received appropriations totaling \$50 million and \$332 has lapsed. Seventy-two grant projects have been funded. One budget increase was made to an existing project totaling \$11,115.

### Waterfront Redevelopment Grants Program

	Net Appropriations	Grant Funds Returned	Total Available Funding	Grant Funds Awarded	Cumulative Expenditures 9/30/13	Available Balance
<b>Clean Michigan Initiative Bond Fund</b>	\$49,999,668	\$2,135,806	\$52,135,474	\$52,135,474	\$49,625,479	\$0

**Explanation of “Activity Status” Information for the Table in Appendix K:**

- Cancelled:** The grant award has been cancelled.
- Complete:** All activities are complete; the project is closed out.
- In Progress:** Grant-funded activities in progress.

**Contact Person:** Ms. Carrie Geyer, Chief, Brownfield Redevelopment Program Unit, Program Support Section, RRD, MDEQ; 517-284-5182; e-mail: [geyer1@michigan.gov](mailto:geyer1@michigan.gov)

## SECTION THREE: REMEDIATION OF CONTAMINATED LAKE AND RIVER SEDIMENTS

### Purpose:

The MDEQ, Water Resources Division (WRD), is responsible for maintaining and improving the water quality of surface waters throughout the state. The WRD is responsible for the implementation of Part 31, Water Resources Protection, of Act 451. The WRD regulates discharges to lakes and streams by establishing water quality standards, assuring that water quality standards are met by issuing permits to control the discharge of wastewater to lakes and streams, investigating complaints, responding to accidental releases, and taking enforcement actions to assure that state and federal laws and rules are met.

The objective of the \$25 million “remediation of contaminated lake and river sediments” element of the CMI Bond Fund is to remediate a substantial mass of bioaccumulative toxins. A few examples of these toxins are: polychlorinated biphenyls (PCBs), mercury, and dichlorodiphenyltrichloroethane (DDT) which are found in certain lakes and rivers. Once remediated, fish and wildlife consumption advisories may be eliminated or relaxed and adverse effects on aquatic life will be substantially reduced.

### Site Selection:

Sites selected by the WRD are those that present the most significant risks to public health or the environment. On this basis, a total of eight sites were selected for further evaluation and remediation.

### Program Funding:

In accordance with Section 19608(1)(c) of Part 196 of Act 451, in FY 1999, FY 2000, FY 2001, FY 2004, and FY 2009, the WRD was appropriated \$21.5 million in CMI Bond Funds for sediment assessment and removal activities at eight sites.

#### Remediation of Contaminated Lake and River Sediments Program

	Net Appropriations	Cumulative Expenditures 9/30/13	Reserved for Ongoing Projects
Clean Michigan Initiative Bond Fund	\$21,208,537	\$19,820,030	\$1,388,507

### Explanation of “Activity Status” Information in the Table in Appendix L:

**Complete:** All remediation activities are complete.

**Ongoing:** State-funded cleanup activities are in progress.

**Contact Person:** Mr. Michael Alexander, Surface Water Assessment Section, WRD, MDEQ; 517-284-5550; e-mail: [alexanderm2@michigan.gov](mailto:alexanderm2@michigan.gov)

## SECTION FOUR: NONPOINT SOURCE POLLUTION CONTROL GRANTS

**Purpose:**

In accordance with Section 19607(d) of Part 196 of Act 451, the WRD provides grants to nonprofit entities or local units of government. Two categories of projects are eligible for grant awards: (1) implementation of physical structures as identified in approved watershed management plans; and (2) activities to reduce nonpoint source pollution from a specific pollutant source as identified by the MDEQ. These grants are implemented by the WRD under Part 88, Water Pollution and Environmental Protection Act, of Act 451, and the administrative rules.

**Site Selection:**

Projects are selected for funding based on criteria including: the anticipated water quality benefits of the project; resource commitments and support from affected stakeholders and partners; the expectation for long-term water quality protection and improvements; and the consistency of the project with Remedial Action Plans (RAPs) and other MDEQ priorities. The total amount of grant dollars awarded each fiscal year, and the location of specific projects, will depend on the proposals received. A Request for Proposal (RFP) is made available contingent on the availability of grant funds.

**Program Funding:**

The CMI Bond Fund legislation identified up to \$50 million in bond funds available for the Nonpoint Source Pollution Control grants. The MDEQ has been appropriated a total of \$39.3 million for projects and, of this, \$3,015,728 has lapsed. The first round of grants was awarded to 27 projects in the amount of \$5.1 million. The second round of grants was awarded to 19 projects totaling \$7.3 million. The third round of grants was awarded to 12 projects totaling \$6.2 million. The fourth round of grants was awarded to 14 projects totaling \$6 million. In addition, returned/unobligated funds were made available to support the Cool Cities Initiative in March and June 2005 and four projects totaling \$1.6 million were awarded. In September 2006 the MDEQ awarded \$2.5 million to six projects. In August 2007 the MDEQ awarded four grants totaling \$1,528,243. In April 2008 the MDEQ awarded two grants totaling \$731,666. In July 2009 the MDEQ awarded four grants totaling \$1,365,803. In August 2010 the MDEQ awarded three grants totaling \$1,068,665. In July 2011 the MDEQ awarded one grant totaling \$336,345. In June 2012, the MDEQ awarded two grants totaling \$298,000.

### Nonpoint Source Pollution Control Grants

	Net Appropriations	Cumulative Expenditures 9/30/13	Available Balance
<b>Clean Michigan Initiative Bond Fund</b>	\$35,707,027	\$31,485,083	\$4,221,944

**Explanation of “Activity Status” Information for the Table in Appendix M:**

- Cancelled:** The grant award has been cancelled.
- Complete:** Grant activities are complete.
- In Progress:** Grant activities are in progress.
- Undergoing Closeout:** Conducting a final review prior to final payment.
- Rejected:** Award declined.

**Contact Person:** Ms. Amy Peterson, Surface Water Assessment Section, WRD, MDEQ; 517-284-5511; e-mail: [peterzona1@michigan.gov](mailto:peterzona1@michigan.gov)

## SECTION FIVE: CLEAN WATER FUND PROGRAMS

### INTRODUCTION

In accordance with Section 8807 of Part 88 of Act 451, the Clean Water Fund (CWF) was created to conduct activities as described in the MDEQ's document titled, "A Strategic Environmental Quality Monitoring Program for Michigan's Surface Waters," dated January 1997. The CWF is a \$90 million component of the CMI Bond Fund. The CWF administrative rules identify nine categories of activities eligible to receive grant funds. Below is the summary of appropriations for the nine categories and the remainder of the list refers to the 11 different programs covered under the CWF:

- Program Summary Table
- RMD – Abandoned Well Management Grant Program (AWM) – Complete (See Program Elements Completed)
- WRD – Water Quality Monitoring (WQM)
- WRD – Voluntary Storm Water Permits Grants (VSPG)
- WRD – Failing On-Site Septic Systems (FOSS) – Complete (See Program Elements Completed)
- WRD – Protecting High Quality Waters (PHQW) -- Complete (See Program Elements Completed)
- WRD – Illicit Storm Sewer Connection Grants Program (ISSCG)
- WRD – Remedial Action Plan and Lakewide Management Plans Implementation Grants (RAPLMPIG) – Complete (See Program Elements Completed)
- WRD – Conservation Reserve Enhancement Program (CREP) – Complete (See Program Elements Completed)
- Marketing, Education & Technology Division (MET) – Drinking Water Program (DWP) – Complete (See Program Elements Completed)
- WRD – Water Use and Withdrawal Programs (WUAWP)
- WRD – Village of Chesaning Water Pollution Control Grant (VCWPCG) – Complete (See Program Elements Completed)

### PROGRAM SUMMARY TABLE

The state-funding source for these programs is the CMI Bond Fund and the GF. The state treasurer may receive money or other assets from any source for deposit into the fund.

SOURCE	AMOUNT	ALLOCATED FOR
Clean Michigan Initiative Bond Fund	\$2,277,286	RMD – AWM
	\$33,669,532	WRD – WQM
	\$3,395,246	WRD – VSPG
	\$6,771,056	WRD – FOSS
	\$5,681,111	WRD – PHQW
	\$7,638,931	WRD – ISSCG
	\$7,692,968	WRD – RAPLMPIG
	\$5,000,000	WRD – CREP
	\$973,000	MET – DWP
	\$1,473,490	WRD – WUAWP
	\$899,957	WRD – VCWPCG
General Fund/General Purpose	\$1,000,000	WRD – WQM

## WATER QUALITY MONITORING

**Purpose:**

Section 8807 of Part 88 of Act 451 states that the first priority of the CWF shall be to implement the “Strategic Environmental Quality Monitoring Program for Michigan’s Surface Waters” (Monitoring Strategy). The WRD, in cooperation with the former Land and Water Management Division, produced this Monitoring Strategy. It provides the framework for a long-term, comprehensive water quality monitoring program to assess the current status of individual water bodies; measure spatial and temporal water quality trends; evaluate the effectiveness of water quality protection programs; and detect new and emerging water quality problems. This strategy was updated in 2005, as required by the U.S. EPA. The WRD conducts monitoring activities in partnership with other state and federal agencies, as well as local entities, to leverage additional public and private resources.

**Site Selection:**

Sites are selected throughout Michigan to ensure that statewide monitoring data can be used to achieve the goals listed above. The WRD works with other federal, state, and local partners to select sites for the various components of the Monitoring Strategy.

**Program Funding:**

From 1998 through 2001, the Legislature appropriated \$1 million from the GF for local water quality monitoring activities. From FY 2000 through FY 2013, over \$33 million from the CMI Bond Fund was appropriated for water quality monitoring. The WRD has committed over \$29 million for ongoing monitoring projects that will be awarded as money is appropriated.

### Water Quality Monitoring

	Net Appropriations	Cumulative Expenditures 9/30/13	Reserved for Ongoing Projects
<b>Clean Michigan Initiative Bond Fund</b>	\$33,669,532	\$31,270,949	\$2,398,583
<b>General Fund/General Purpose</b>	\$1,000,000	\$986,418	\$0
<b>Total</b>	\$34,669,532 4,669,532	\$32,257,367	\$2,398,583 398,583

**Explanation of “Activity Status” Information for the Table in Appendix N:**

- Cancelled:** Fund activities cancelled.
- Completed:** Funded activities completed.
- In Progress:** Funded activities in progress.

**Contact Person:** Mr. Michael Alexander, Surface Water Assessment Section, WRD, MDEQ; 517-284-5550; e-mail: [alexanderm2@michigan.gov](mailto:alexanderm2@michigan.gov)

## VOLUNTARY STORM WATER PERMITS GRANTS

**Purpose:**

This program provides grants to municipalities to implement the MDEQ-approved watershed management plans developed under a National Pollutant Discharge Elimination System and is a general wastewater discharge permit for storm water discharges from separate storm water drainage systems (i.e., the Watershed-Based General MS4 Storm Water Permit). This program is administered by the WRD and is authorized under Section 19607(e) of Part 196 of Act 451 and the administrative rules for the CWF. Eligible activities include water quality protection or improvement activities identified in the approved watershed management plan.

**Site Selection:**

Projects are selected for funding based on the following criteria: the anticipated water quality benefits of the project; resource commitments and support from affected stakeholders and partners; the expectation for long-term quality protection and improvements; and the consistency of the project with RAPs and other MDEQ priorities. The total amount of grant dollars awarded each fiscal year, and the location of specific projects, will depend on the proposals received. A Grant Application Package (GAP) is made available contingent on the availability of grant funds.

**Program Funding:**

The MDEQ was appropriated approximately \$3.4 million for this category from the CMI Bond Fund. The MDEQ issued GAPs in August 2000 and November 2001. In FY 2004 there five projects awarded, in FY 2005 there were four projects, in FY 2006 there were three projects, and in FY 2007 there were seven projects. The MDEQ does not anticipate any additional appropriations for future rounds of funding in this category.

### Voluntary Storm Water Permits Grants

	Net Appropriations	Cumulative Expenditures 9/30/13	Reserved for Ongoing Projects
<b>Clean Michigan Initiative Bond Fund</b>	\$3,395,246	\$3,395,246	\$0

**Explanation of “Activity Status” for the Table in Appendix O:**

- Complete:** All grant-funded activities are complete.
- In Progress:** Grant activities are in progress.
- Rejected:** Award declined.

**Contact Person:** Ms. Amy Peterson, Surface Water Assessment Section, WRD, MDEQ; 517-284-5511; e-mail: [peterzona1@michigan.gov](mailto:peterzona1@michigan.gov)

## ILLICIT STORM SEWER CONNECTION GRANTS PROGRAM

### Purpose:

Illicit connections are drains, sinks, and other pipes from buildings that have been inappropriately connected to storm sewer systems, rather than being connected to sanitary sewer pipes. Illicit connections result in the direct discharge of waste to lakes and streams without treatment. Under this program, local units of government and nonprofit entities will implement programs that identify and eliminate illicit connections. This program is administered by the WRD and is authorized under Section 19607(e) of Part 196 of Act 451 and the administrative rules.

### Project Selection:

Projects are selected based on the following criteria: the anticipated water quality benefits of the project; resource commitments and support from affected stakeholders and partners; the expectation for long-term quality protection and improvements; and the consistency of the project with RAPs and other MDEQ priorities. The total amount of grant dollars awarded each fiscal year, and the location of specific projects, will depend on the proposals received. A GAP is made available contingent on the availability of grant funds.

### Program Funding:

The MDEQ was appropriated approximately \$7.7 million for this category from the CMI Bond Fund. The MDEQ issued GAPs on August 2000 and November 2001. In FY 2001 there were 13 projects awarded, in FY2004 there were 17 projects awarded, in FY 2005 there were ten projects awarded, in FY 2008 there was one grant awarded, and in FY 2009 there were an additional five grants awarded. The MDEQ does not anticipate any additional appropriations for future rounds of funding in this category.

### Illicit Storm Sewer Connection Grants Program

	Net Appropriations	Cumulative Expenditures 9/30/13	Reserved for Ongoing Projects
Clean Michigan Initiative Bond Fund	\$7,638,931	\$7,611,158	\$27,773

### Explanation of "Activity Status" Information for the Table in Appendix P:

- Complete:** All activities are complete.
- In Progress:** Grant activities are in progress.
- Rejected:** Award declined.
- Undergoing Closeout:** Currently undertaking contract closeout activities. All field work is complete.

**Contact Person:** Ms. Amy Peterson, Surface Water Assessment Section, WRD, MDEQ; 517-284-5511; e-mail: [peterona1@michigan.gov](mailto:peterona1@michigan.gov)

## WATER USE AND WITHDRAWAL PROGRAMS

### Purpose:

In July 2008 amendments to Part 327, Great Lakes Preservation, of Act 451, were passed that required the development of a registration process for new large quantity water withdrawals and the continuation of reporting procedures with the WUAWP. The amendments required the establishment of a statewide web application for the regulated community to register proposed new large quantity withdrawals online. The MDEQ entered into a joint funding agreement with the United States Geological Survey (U.S. Geological Survey), with the approval of the MDTMB, to develop a bid document for the contracting of development and implementation of the online web application. The project was completed by the July 2009 statutory implementation date and has continued in operation with the aid of ongoing maintenance. A related project was also completed in FY 2012 to develop an online system to facilitate annual water use reporting required of new and pre-existing large quantity withdrawals.

The MDEQ entered into a second joint funding agreement with the U.S. Geological Survey covering the period of FY 2011 through FY 2013, to provide stream-flow quantification (stream gages and miscellaneous stream-flow measurements) in support of the on-line Water Withdrawal Assessment Tool. The WUAWP was appropriated \$100,000 from CMI Bond Funds in FY 2011.

### Project Selection:

Part 327 specifies that the WUAWP would be a statewide project.

### Program Funding:

The WUAWP was appropriated \$250,000 from CMI Bond Funds in FY 2008, of which \$42,100 lapsed. In FY 2009 through FY 2012 the MDEQ received an annual appropriation of \$325,000 to develop an online registration and reporting program.

### Water Use and Withdrawal Programs

	Net Appropriations	Cumulative Expenditures 9/30/13	Reserved for Specific Project
<b>Clean Michigan Initiative Bond Fund</b>	\$1,473,490	\$826,916	\$646,574

**Contact Person:** Mr. James Milne, Surface Water Assessment Section, WRD, MDEQ; 517-284-5559;  
e-mail: [milnej@michigan.gov](mailto:milnej@michigan.gov)

## SECTION SIX: POLLUTION PREVENTION PROGRAMS

### RETIRED ENGINEER TECHNICAL ASSISTANCE PROGRAM FUND

#### Purpose:

The Retired Engineer Technical Assistance Program (RETAP) is authorized under Part 145, Waste Reduction Assistance, of Act 451. The legislation authorizes RETAP to provide Michigan businesses and institutions with on-site pollution prevention (P2) technical assistance. The RETAP began as a pilot project in 1994 and became a permanent program in 1998. Under RETAP, small companies, municipalities, and institutions receive a free confidential assessment of their P2 opportunities to improve process efficiency, eliminate waste generation, reduce energy usage, and lower waste management costs. Additional specific P2 and energy efficiency technical assistance is provided on request from those having undergone a RETAP assessment.

#### Program Funding:

The CMI Bond Fund included an allocation of \$10 million to capitalize an endowment fund to operate the RETAP. The endowment was capitalized in the FY 1999 supplemental appropriation. For FY 2013, appropriations of \$991,900 were authorized from the RETAP Fund.

#### Retired Engineer Technical Assistance Program Fund

	Appropriations	Cumulative Expenditures 9/30/13	Reserved for Ongoing Projects
Clean Michigan Initiative Bond Fund	\$10,000,000	\$10,000,000	\$0

#### Explanation of Status Information:

During FY 2013, the RETAP focused on completing pollution prevention and energy conservation assessments at small businesses and institutions. Seventy-one on-site assessments were completed and an additional 329 hours of specific technical assistance were provided. The RETAP recommendations totaled more than 2.3 million pounds in avoided waste disposal, 18.1 million kilowatt-hours (kWh) in reduced electricity usage, 0.7 million hundred cubic feet (ccf) in reduced natural gas usage, 21.5 million gallons in avoided water usage, and \$3.5 million in cost savings. Annual follow-up measurement surveys found assessed facilities implement or plan to implement 77 percent of the RETAP recommendations within 24 months after the assessment (on average). The program continues to work closely with the Small Business Pollution Prevention Assistance Revolving Loan Fund and other pollution prevention resources to encourage businesses to take advantage of these assistance programs.

The RETAP did not award an internship through the Pollution Prevention Intern Program in FY 2013. The RETAP internship is a technology transfer program that partners with industry and Michigan public institutions of higher education to implement pollution prevention projects identified by the business or in an assessment conducted by the RETAP.

The RETAP did not issue a Request for Proposals under the P2 technology demonstration program in FY 2013. The demonstration program provides matching grants to Michigan institutions of higher learning to implement and research innovative pollution prevention technologies at small- and medium-sized businesses in Michigan.

**Contact Person:** Ms. Karen Edlin, Chief, Pollution Prevention and Stewardship Unit, OEA, MDEQ; 517-284-6856; e-mail: [edlink@michigan.gov](mailto:edlink@michigan.gov)

## SMALL BUSINESS POLLUTION PREVENTION ASSISTANCE REVOLVING LOAN FUND

### Purpose:

The SBPP is administered by the MDEQ, Office of Environmental Assistance (OEA), and is authorized under Part 145 of Act 451. The legislation authorizes the MDEQ to offer P2 loans of up to \$200,000 at an interest rate of five percent or less to independently owned small businesses that employ 500 or fewer individuals. Qualifying loans must be used to implement projects that meet the criteria for P2, which includes but is not limited to source reduction, reuse, or recycling. Companies may independently identify a P2 project proposal or submit a proposal based on P2 recommendations from their RETAP audit.

### Program Funding:

The CMI Bond Fund provides for a one-time expenditure of \$5 million to capitalize the SBPP. The FY 1999 supplemental appropriation capitalized the \$5 million fund and allocated this appropriation to make loans available under the program. The fund has "carry forward" status, allowing loans to be made in successive fiscal years. The program, as designed, doubles the funding availability through a requirement that lending institutions participate 50/50 in the pollution prevention program loans. This raises the maximum loan amount under the program to \$400,000 and doubles the loan pool to \$10 million. As loans are repaid, the MDEQ portion of the repayment returns to the loan fund to be used for future loans.

### Small Business Pollution Prevention Assistance Revolving Loan Fund

	Appropriations	Cumulative Expenditures 9/30/13	Reserved for Ongoing Projects
Clean Michigan Initiative Bond Fund	\$5,000,000	\$5,000,000	\$0

### Explanation of Status Information:

By the end of FY 2013, 64 loans totaling \$6,542,932.20 (including \$3,271,466.10 from SBPP) have been funded since inception of the program. In FY 2013, three loans totaling \$195,106.92 were awarded. Public awareness strategies consisting of providing articles to trade periodicals and local economic development corporation newsletters, direct mailing, literature distribution through workshops, conferences, and maintaining a program specific web site are continuing.

**Contact Person:** Ms. Karen Edlin, Chief, Pollution Prevention and Stewardship Unit, OEA, MDEQ; 517-284-6856; e-mail: [edlink@michigan.gov](mailto:edlink@michigan.gov)

## GREEN CHEMISTRY SUPPORT PROGRAM

### Purpose:

The Green Chemistry Support Program (GCSP) is administered by the OEA and is authorized under Executive Directive No. 2006-6: "Promotion of Green Chemistry for Sustainable Economic Development and Protection of Public Health." The directive established a GCSP with the state of Michigan. Its goal is to advance research, development, and implementation of green chemistry technologies and practices in Michigan. Funding has been used for technology demonstration projects, green chemistry research, technology transfer, education outreach, and public forums.

### Program Funding:

The CMI Bond Fund set aside \$10 million for pollution prevention, of which \$1 million remained. The MDEQ requested and received a supplemental appropriation for the balance in FY 2007 to promote and encourage the adoption of green chemistry practices and technologies. Funds returned from projects completed under budget went back into the Fund and were made available for future green chemistry projects. The following appropriation lapses have occurred: \$309 in FY 2011 and \$51,095 in FY 2012.

### Green Chemistry Support Program

	Net Appropriations	Cumulative Expenditures 9/30/13	Reserved for Ongoing Projects	Available Balance
Clean Michigan Initiative Bond Fund	\$948,596	\$798,041	\$150,555	\$0

### Explanation of "Activity Status" Information for the Table in Appendix Q:

In FY 2013 no new contracts were issued. A grant to establish a comprehensive Michigan green chemistry clearinghouse remains in progress. This grant was amended in FY 2011 to add one year and additional work products to the grant. All other grants issued with a focus on green chemistry were completed by FY 2012.

**Completed:** Several grant activities have been completed and closed.

**In Progress:** One grant project is ongoing.

**Contact Person:** Ms. Karen Edlin, Chief, Pollution Prevention and Stewardship Unit, OEA, MDEQ; 517-284-6856; e-mail: [edlink@michigan.gov](mailto:edlink@michigan.gov)

## PART FIVE – GLOSSARY

The Appendices provide information on projects funded by each program. The information provided is required in the reporting requirements identified in the introduction. The following describes the columns contained in the reports in Part Six – Appendices for Program Site Listings.

### BASIC SITE INFORMATION

**SITE NAME/PROJECT NAME:** Common name for the site.

**COUNTY:** County in which the site is located.

**SITE ID#/Tracking Code:** Site identification number.

**OVERALL STATUS:** This is described in the program summaries.

**ESTIMATED CLOSURE DATE/ESTIMATED DATE OF COMPLETION:** The date the site is estimated to be closed. This may include one or more activities.

**PROJECT PERIOD:** The time frame in which activities are to be conducted.

**STAGE OF CONTRACT:** This describes the stage in which the contract is being implemented.

**REDEVELOPMENT:** Since Appropriation Year 1997, the MDEQ has been identifying sites that have redevelopment potential. An "X" in the column indicates that the site is anticipated to be redeveloped.

**ACUTE:** An "X" in the column indicates that there exists an imminent and substantial endangerment to public health, safety, welfare, or the environment because of a release or threatened release.

**GRANT/CONTRACT RECIPIENT:** The entity receiving the grant to conduct the work.

### FUNDING INFORMATION

**PROPOSED AMOUNT/AWARD AMOUNT/GRANT AWARD:** The estimated cost of the activity when it was initially proposed for funding. For the \$0 appropriation, funds were expected to be transferred from savings at other sites to conduct the response action, if a liable party was not identified.

**MATCH AMOUNT:** These are funds provided to the project from an agency outside of the state of Michigan. Some of the programs described in this report depend on receiving matching funds in order to implement the project.

**CUMULATIVE LOANS DISBURSED/CUMULATIVE EXPENDITURES 9/30/2013:** The amount of funds expended at the site through FY 2013.

## RESPONSE ACTIONS

**ACTIVITY TYPE:** Type of response action approved for cleanup funds, as follows:

**ADM: Administration** – These are administration costs.

**AW: Alternate Water** – Alternate water actions include the replacement of individual or municipal contaminated water supplies.

**BEA: Baseline Environmental Assessment** – To determine contamination at the site.

**DEMO: Demolition** – Buildings being removed in order to promote redevelopment.

**Due Care:** Cleanup activities must meet requirements to protect public health and the environment.

**IR: Interim Response** – Initial cleanup actions, such as removal of drums and contaminated soil.

**OM: Operation and Maintenance** – Actions to operate or maintain remediation systems, including ongoing monitoring.

**RA: Remedial Action** – Final cleanup actions, such as construction of groundwater or soil treatment systems.

**RD: Remedial Design** – This is the design phase to determine the course of action to mitigate the contamination.

**RI: Remedial Investigation** – Delineation of the types and/or extent of contamination at a site to determine needed cleanup actions.

**RI/FS: Remedial Investigation/Feasibility Study** – Assessment and delineation extent of contamination at a site to determine needed cleanup actions.

**RS: Response Actions** – Cleanup activities needed to secure, remove, and/or treat contaminants to address an acute public health or environmental problem and/or to promote redevelopment of a contaminated site. Response activities include site fencing; source removal; the design, construction, and operation of groundwater and/or soil treatment systems; and demolition.

**SA: Site Assessment** – Assessment and delineation extent of contamination at a site to determine needed cleanup actions.

**SF: Superfund** – Cleanup activities undertaken by the MDEQ, RRD, Superfund Section, using both state and federal funds.

**ACTIVITY STATUS:** Status of the specified activity listed.

**DEVELOPMENT TYPE:** Describes what the property will be used for once actions are complete.

**COMMENTS:** Describes the problem that will be resolved and other pertinent information.

## PART SIX – APPENDICES FOR PROGRAM SITE LISTINGS

The following tables detail individual site listings by program.

A. State Sites Cleanup Program	A1 – A9
B. Environmental Cleanup and Redevelopment Program	B1 – B44
C. Strategic Water Quality Initiative Program	C1 – C6
D. Environmental Cleanup and Redevelopment Emergency and Contingency Program	D1 – D20
E. Revitalization Revolving Loan Program	E1 – E2
F. Site Reclamation Grant Program	F1 – F4
G. Site Assessment Grant Program	G1 – G4
H. Brownfield Redevelopment Grant Program	H1 – H3
I. Brownfield Redevelopment Loan Program	I1 – I3
J. Brownfield Redevelopment Financing Act	J1 – J2
K. Waterfront Redevelopment Grants Program	K1 – K4
L. Contaminated Lake and River Sediments Program	L1 – L3
M. Nonpoint Source Pollution Control Grants	M1 – M8
N. Water Quality Monitoring	N1 – N14
O. Voluntary Storm Water Permits Grants	O1 – O2
P. Illicit Storm Sewer Connection Grants Program	P1 – P3
Q. Green Chemistry Support Program	Q1 – Q2

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BASIC SITE INFORMATION								FUNDING INFORMATION		RESPONSE ACTIONS
PROJECT NAME	AGENCY	COUNTY	SITE ID#	PROJECT STATUS	ESTIMATED DATE OF COMPLETION	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	COMMENTS
Lincoln Field Office	MDNR	Alcona	9	Closed	2005	None	High	\$650,819	\$650,819	Unrestricted Residential Tier I Closure.
Wayland State Police Post	MSP	Allegan	108	Closed	2001	None	Low	\$43,821	\$43,821	Unrestricted Residential Tier I Closure.
Alpena State Police Post	MSP	Alpena	107	Closed	1998	None	Moderate	\$11,906	\$11,906	Unrestricted Residential Tier I Closure.
Baraga County Corrections Camp	MDOC	Baraga	134	Design	2016	None	Low	\$312,263	\$62,263	Site evaluation for abatement/closure.
Baraga District Office	MDNR	Baraga	7	Closed	2001	None	Moderate	\$243,109	\$243,109	Restricted Tier I Closure w/Institutional Controls
Herman Radio Tower	MDNR	Baraga	23	Closed	1997	Moderate	Low	\$384	\$384	Unrestricted Residential Tier I Closure.
L'Anse Maintenance Garage	MDOT	Baraga	67	Closed	1997	None	Low	\$0	\$0	Unrestricted Tier I Residential Closure. Completed with other state funding.
Bay City State Police Post	MSP	Bay	109	Closed	2004	None	Low	\$37,270	\$37,270	Unrestricted Tier II Residential Closure.
Tobico Marsh - Hartley and Hartley	MDNR	Bay	2	Closed	2005	Moderate	High	\$0	\$0	Separate state funding. Decommissioning approved in 2005.
New Buffalo State Police Post	MSP	Berrien	110	Closed	2000	High	Low	\$165,837	\$165,837	Unrestricted Residential Tier I Residential.
Camp Branch	MDOC	Branch	183	Closed	2002	None	Low	\$32,905	\$32,905	Unrestricted Tier I Residential Closure.
Coldwater Center for Develop. Disab. & Psych. Hosp.	MDOC	Branch	31	Closed	2002	High	Low	\$0	\$0	Unrestricted Tier 1 Residential Closure. Separate state funding used.
Battle Creek Maintenance Garage	MDOT	Calhoun	53	Closed	2003	High	High	\$371,634	\$371,634	Restricted Tier II Commercial Closure.
Marshall Maintenance Garage	MDOT	Calhoun	136	Closure Activities	2014	Moderate	Moderate	\$525,276	\$376,792	Additional closure sampling completed and the closure report is being drafted.
Dowagiac Armory	MDMVA	Cass	35	Closed	2013	None	Moderate	\$0	\$0	Deed Restricted Commercial Closure
Dowagiac Maintenance Garage	MDOT	Cass	56	Closure Activities	2015	High	High	\$874,385	\$874,385	Treatment system currently operating. MDOT funded.
Jones Maintenance Garage	MDOT	Cass	65	OM	2015	None	Moderate	\$248,949	\$248,949	Treatment system shut down. Groundwater monitoring for natural attenuation to achieve restricted closure. MDOT Funding
Young State Park	MDNR	Charlevoix	12	Closed	1998	None	Moderate	\$0	\$0	Tier II closure w/deed restriction. Completed using other state funding.
Cheboygan State Police Post	MSP	Cheboygan	208	No Funding	2018	Low	Low	\$0	\$0	Initial assessment report submitted.
Lime Island	MDNR	Chippewa	18	Design	2017	Moderate	Low	\$302,281	\$302,281	Waste removal and capping completed. AST work will resume when funding is available.
Sault Ste. Marie Armory	MDMVA	Chippewa	154	Closed	1994	None	Low	\$0	\$0	Unrestricted Residential Tier 1 closure. Funded by National Guard Bureau.
Sault Ste. Marie State Police Post	MSP	Chippewa	111	Closure Activities	2016	None	Moderate	\$204,666	\$121,213	Existing UST removed. No new releases. Monitoring and closure activities.
Clare Bulk Fuel Facility	MDOT	Clare	81	Not Liable	NA	None	Low	\$0	\$0	The MDEQ notified MDOT 9/29/97 that it is not liable. Site is a railroad facility which was acquired by DOT pursuant to the State Transportation Act of 1976. The DOT has never conducted any railroad operations or other activity at this site.

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PROJECT NAME	AGENCY	COUNTY	SITE ID#	PROJECT STATUS	ESTIMATED DATE OF COMPLETION	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	COMMENTS
Clare Depot Site	MDOT	Clare	83	Not Liable	NA	None	Low	\$0	\$0	The MDEQ notified MDOT 9/29/97 that it is not liable. Site is a railroad facility which was acquired by DOT pursuant to the State Transportation Act of 1976. The DOT has never conducted any railroad operations or other activity at this site.
Clare Field Office	MDNR	Clare	19	Closed	1998	Unknown	Unknown	\$16,481	\$16,481	Unrestricted Residential Tier I Closure.
Grand Ledge Aviation Support Facility	MDMVA	Clinton	144	Closed	1998	None	Low	\$0	\$0	Unrestricted Tier I Residential Closure. Funded by National Guard Bureau.
Michigan State Police Aviation Facility	MSP	Clinton	158	Closed	2001	None	Moderate	\$9,198	\$9,198	Unrestricted Tier I Residential Closure.
Parcel 718 Bio Piles	MDOT	Clinton	94	Not Liable	NA	None	Low	\$0	\$0	The MDEQ has notified MDOT that it is not liable. Site is one which was encountered along the Right of Way. The DOT has never owned or operated this site.
Rose Lake Shooting Range	MDNR	Clinton	21	Investigation	2016	Low	Unknown	\$417,843	\$222,973	Screening level ecological risk assessment (SCLERA) and baseline ecological risk assessment (BERA) completed. Defined further extent of contamination into a wetland.
Camp Grayling - Hanson Hills	MDMVA	Crawford	33	Closed	2001	Low	Low	\$67,325	\$67,325	Unrestricted Tier I Residential Closure.
Camp Grayling Building #8	MDMVA	Crawford	45	Closed	2007	None	Low	\$0	\$0	Unrestricted Tier 1 Residential Closure. Project funded by the National Guard Bureau.
Camp Grayling Bulk Fuel Facility	MDMVA	Crawford	37	OM	2015	None	High	\$1,514,753	\$1,483,497	Groundwater treatment system currently operating. Funded by National Guard Bureau.
Camp Grayling Range 13	MDMVA	Crawford	42	Closed	1999	None	Unknown	\$122,523	\$122,523	Unrestricted Tier I Residential Closure.
Camp Grayling Range 40	MDMVA	Crawford	41	Not Eligible	NA	None	Low	\$0	\$0	Site may require remediation in the future if monitoring demonstrates high enough levels of contamination or contamination moving off site. If remediation is required, site will become eligible for funding.
Camp Grayling/ Misc. sites	MDMVA	Crawford	44	Closure Activities	2013	None	Low	\$0	\$0	Closure pending.
Camp Grayling/Various Ranges	MDMVA	Crawford	43	Closed	2004	None	Unknown	\$151,212	\$113,879	Active Range-Due Care Plan completed.
Camp Grayling-Building 580	MDMVA	Crawford	160	Closed	1999	None	Low	\$0	\$0	Unrestricted Residential Tier 1 closure. Funded by National Guard Bureau.
Grayling Field Office (former fish hatchery)	MDNR	Crawford	4	Closed	2012	High	High	\$599,178	\$599,178	Tier 1 Residential Closure with groundwater use restriction
Shawono Center	MDHS	Crawford	104	Closure Activities	2016	None	Moderate	\$243,078	\$218,897	Evaluating DEQ comments to Closure Report.
Gladstone State Police Post	MSP	Delta	112	Closed	1998	None	Low	\$36,334	\$36,334	Unrestricted Residential Tier I Closure.
Channing Rail Yard	MDOT	Dickinson	59	Not Liable	NA	None	Moderate	\$0	\$0	MDEQ found the MDOT not liable on 9/29/97. Site is a railroad facility which was acquired by DOT pursuant to the State Transportation Act of 1976. The DOT has never conducted any railroad operations or other activities at this site.

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PROJECT NAME	AGENCY	COUNTY	SITE ID#	PROJECT STATUS	ESTIMATED DATE OF COMPLETION	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	COMMENTS
Iron Mountain E&LS RR	MDOT	Dickinson	82	Not Liable	NA	None	Low	\$0	\$0	The MDEQ notified MDOT 9/29/97 that it is not liable. Site is a railroad facility which was acquired by DOT pursuant to the State Transportation Act of 1976. The DOT has never conducted any railroad operations or other activity at this site.
Charlotte Maintenance Garage	MDOT	Eaton	186	Closed	2001	None	Low	\$9,366	\$9,366	Unrestricted Tier I Residential Closure.
Grand Ledge Maintenance Garage	MDOT	Eaton	187	Closed	2002	None	Low	\$17,369	\$17,369	Unrestricted Tier I Residential Closure.
Lansing Energy Center	MDTMB	Eaton	175	Closure Activities	2015	Low	Low	\$64,989	\$60,150	Additional sampling. Site evaluation for closure.
Materials and Technology Building	MDOT	Eaton	51	OM	2020	None	High	\$4,327,038	\$4,327,038	Treatment system currently operating.
Materials Management Warehouse	MDTMB	Eaton	161	Closed	2001	Low	Low	\$7,404	\$7,404	Unrestricted Tier I Residential Closure.
State Police Training Academy	MSP	Eaton	113	Closure Activities	2014	None	Low	\$59,786	\$53,682	Additional sampling & site evaluation for closure.
Camp Pellston	MDOC	Emmet	178	Closed	2003	Low	Moderate	\$93,724	\$93,724	Unrestricted Tier I Residential Closure.
Flint Armory	MDMVA	Genesee	145	Closed	2000	None	Low	\$0	\$0	Unrestricted Residential Tier 1 closure. Funded by National Guard Bureau.
Flint Campus, School for Deaf and Blind	MDOE	Genesee	195	No Funding	Unknown	Unknown	Unknown	\$0	\$0	No funding available.
Flint State Police Post	MSP	Genesee	114	Closure Activities	2015	High	Low	\$196,677	\$69,958	Sampling for amended Closure Report
Ironwood Armory	MDMVA	Gogebic	153	Closed	1999	None	Low	\$0	\$0	No longer met criteria in rules.
Wakefield State Police Post	MSP	Gogebic	150	Closure Activities	2016	None	Unknown	\$193,472	\$185,915	Evaluating DEQ comments to Closure Report.
Boardman Rail Yard	MDOT	Grand Traverse	58	Not Liable	NA	None	Moderate	\$0	\$0	Site is a railroad facility which was acquired by DOT pursuant to the State Transportation Act of 1976. The DOT has never conducted any railroad operations or other activities at this site.
Ithaca State Police Post	MSP	Gratiot	197	No Funding	Unknown	Low	Unknown	\$0	\$0	No funding available.
Hillsdale Railyard	MDOT	Hillsdale	88	Not Liable	NA	None	Low	\$0	\$0	The MDEQ notified MDOT 9/29/97 that it is not liable. Site is a railroad facility which was acquired by DOT pursuant to the State Transportation Act of 1976. The DOT has never conducted any railroad operations or other activity at this site.
Jonesville State Police Post	MSP	Hillsdale	115	Closed	2002	None	Low	\$56,517	\$56,517	Unrestricted Residential Tier I Closure.
Calumet Field Office	MDNR	Houghton	10	Closed	2011	High	Moderate	\$220,203	\$219,410	Unrestricted Tier I Residential Closure
Ripley	MDOT	Houghton	93	Not Liable	NA	None	Low	\$0	\$0	The MDEQ has notified MDOT that it is not liable. Site is one which was encountered along the Right of Way. The DOT has never owned or operated this site.
Sleeper State Park Dump	MDNR	Huron	141	Closed	1998	None	Unknown	\$2,645	\$2,645	Site assessment revealed no excess contamination that needed to be addressed.

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Bioport	MDTMB	Ingham	198	No Funding	Unknown	None	Unknown	\$0	\$0	Being addressed under site #149.
Calhoun's Rib Shack	MDOT	Ingham	78	Not Liable	NA	None	Low	\$77,288	\$77,288	State determined to be not liable.
Dansville State Game Area Dump	MDNR	Ingham	26	Not Liable		Low	Low	\$82,571	\$82,571	State determined to be not liable.
DMVA Federal Surplus	MDTMAB	Ingham	194	No funding	Unknown	High	High	\$0	\$0	No funding available.
East Lansing State Police Post	MSP	Ingham	205	Closure Activities	2014	Moderate	Low	\$0	\$0	Funded by DTMB. \$138,000 spent on contaminated soil excavation to pristine conditions.
Former Aeronautics Hangar	MDOT	Ingham	79	Closed	1996	None	Low	\$0	\$0	Unrestricted residential closure. Completed with other state funding.
Former Roosevelt Office Building	MDTMB	Ingham	189	No Funding	Unknown	High	Low	\$0	\$0	No funding available.
Lansing Artillery Armory	MDMVA	Ingham	46	Closed	1997	None	Low	\$0	\$0	Unrestricted Tier II Residential Closure. Funded by National Guard Bureau.
Lansing Automotive & Equipment Bldg.	MDOT	Ingham	71	Closed	2009	None	Low	\$12,364	\$12,364	Unrestricted Tier I Residential Closure
Lansing Headquarters Armory	MDMVA	Ingham	39	Closed	2001	None	Low	\$0	\$0	Unrestricted Residential Tier 1 closure. Funded by National Guard Bureau.
Mason Maintenance Garage	MDOT	Ingham	63	Closed	2001	None	Low	\$10,207	\$10,207	Unrestricted Residential Tier I Closure.
Medical Waste Site #62	MDCH	Ingham	32	Closed	2002	None	Low	\$147,956	\$147,956	Unrestricted commercial closure.
MI Biologic Products Institute	DCH/DM B	Ingham	149	Design	2013	High	Moderate	\$126,558	\$126,558	Excavation of contaminated soils.
Michigan School for the Deaf and Blind	MDOE	Ingham	185	Closed	2003	Low	Low	\$8,750	\$8,750	Unrestricted Tier I Residential Closure.
Motor Pool, Capitol Complex	MDTMB	Ingham	105	Closure Activities	2016 2016	None	Low	\$192,046	\$146,447	Evaluating restrictive closures
Surface Storage Dumps	MDTMB	Ingham	106	Investigation	2017	None	Low	\$50,433	\$20,433	Investigating newly discovered dumping locations.
US Prop. & Fisc. Office/Comb. Supp. Maint. Shop (USPFO/CSMS)	MDMVA	Ingham	38	Closure Activities	2013	None	Low	\$64,490	\$39,832	Closure pending.
Williamston Maintenance Garage	MDOT	Ingham	75	Closed	2003	None	Moderate	\$126,824	\$126,824	Unrestricted Residential Tier I Closure.
Bellamy Creek Correctional Facility	MDOC	Ionia	200	No Funding	Unknown	None	Medium	\$0	\$0	No funding available.
Ionia Reformatory	MDOC	Ionia	103	Design	2015	None	Moderate	\$250,823	\$175,378	DEQ agreed to a restrictive closure strategy. Implement limited interim response actions/measures.
East Tawas State Dock	MDNR	Iosco	5	OM	2017	Moderate	High	\$830,144	\$800,409	Additional soil removal and groundwater sampling may be required. Limited funding available for monitoring only.
Central Michigan University	MDOT	Isabella	55	Closed	2009	High	Moderate	\$1,028,073	\$1,028,073	Deed Restricted Tier II Commercial Closure.
Denver Township Vacant Land	Treasury	Isabella	133	Not Eligible	NA	High	Low	\$0	\$0	Asbestos removal is not eligible.
Dobias ROW Property	MDOT	Isabella	52	OM	2017	None	High	\$1,270,137	\$1,143,456	Treatment system shut down. Groundwater monitoring for natural attenuation to achieve clean closure.
Mt. Pleasant Regional Center	MDCH	Isabella	172	Closed	2002	Low	Low	\$10,443	\$10,443	Unrestricted Tier I Residential Closure.

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Mt. Pleasant State Police Post	MSP	Isabella	116	Closure Activities	2014	Moderate	Low	\$403,196	\$357,347	Closure report submitted to EPA for review/comments. Quarterly GW sampling.
Camp Waterloo	MDOC	Jackson	184	Closed	2002	None	Low	\$16,162	\$16,162	Unrestricted Tier I Residential Closure.
Dale Foltz Training Center Physical Plant	MDOC	Jackson	181	Closed	2000	None	Low	\$14,206	\$14,206	Unrestricted Tier I Residential Closure.
Jackson Armory	MDMVA	Jackson	201	Design	2015	High	Low	\$910,038	\$16,660	Evaluating site for a closure strategy. Negotiating with the new owner & DEQ to accept restricted closure.
Jackson County Landfill	MDOC	Jackson	135	OM	2017	None	High	\$1,640,600	\$1,590,600	Cap maintenance and monitoring. Possible joint liability with the county and the city.
Sharonville Shooting Range	MDNR	Jackson	22	No Funding	Unknown	Low	Unknown	\$40,969	\$40,969	Work will resume when funding becomes available.
SPSM (asbestos)	MDOC	Jackson	100	Closed	1998	None	Moderate	\$152,138	\$152,138	Asbestos removal completed.
SPSM Physical Plant-SMR Powerhouse	MDOC	Jackson	167	Closed	2002	Low	Low	\$14,632	\$14,632	Unrestricted Tier I Residential Closure
SPSM Regional Garage	MDOC	Jackson	179	Closed	2000	None	Low	\$18,605	\$18,605	Unrestricted Tier I Residential Closure.
SPSM-various locations	MDOC	Jackson	99	Design	2016	None	High	\$1,997,229	\$1,335,714	Closure/Status reports being revised to comply w/ DEQ requirements.
Fort Custer	MDMVA	Kalamazoo	130	OM	2014	None	Low	\$30,000	\$13,762	Active Range - Due Care Plan. Funded by National Guard Bureau.
Kalamazoo Maintenance Garage	MDOT	Kalamazoo	54	Closed	2013	None	High	\$515,519	\$515,519	Unrestricted Tier 1 Residential Closure. MDOT funded.
Kalkaska Maintenance Garage	MDOT	Kalkaska	50	OM	2016	None	High	\$618,210	\$618,210	Groundwater monitoring for natural attenuation to achieve clean closure. MDOT funded.
Grand Rapids A&E Garage	MDOT	Kent	72	Closed	2001	None	Low	\$13,185	\$13,185	Unrestricted Residential Tier I Closure.
Grand Rapids Veteran's Facility	MDMVA	Kent	48	Closed	1998	None	Unknown	\$17,186	\$17,186	Unrestricted Residential Tier I Closure.
Grand Rapids Veterans Home Pond	MDMVA	Kent	191	Investigation	2014	None	Moderate	\$49,969	\$7,307	Remedial investigation underway.
Greenville Armory	MDMVA	Kent	159	Closed	2000	None	Low	\$0	\$0	Unrestricted Tier I Residential Closure. Funded by National Guard Bureau.
Rockford State Police Post	MSP	Kent	211	Closed	2013	Low	Low	\$0	\$0	Unrestricted Tier I Residential Closure.
Ivan's Canoe Rental	MDOT	Lake	147	OM	2016	None	High	\$671,690	\$586,005	Groundwater monitoring for natural attenuation to achieve clean closure.
Thumb Correctional Facility	MDOC	Lapeer	180	Closed	2001	Low	Moderate	\$15,341	\$15,341	Unrestricted Tier I Residential Closure.
Adrian Armory	MDMVA	Lenawee	49	Closed	1996	None	Low	\$0	\$0	Unrestricted Tier I Residential Closure. Funded by National Guard Bureau.
Adrian Training School	MDHS	Lenawee	169	OM	2016	Low	Moderate	\$64,987	\$35,262	Replacing monitoring wells and perform quarterly round of sampling.
Blissfield RR	MDOT	Lenawee	85	Not Liable	NA	None	Low	\$0	\$0	The MDEQ notified MDOT 9/29/97 that it is not liable. Site is a railroad facility which was acquired by DOT pursuant to the State Transportation Act of 1976. The DOT has never conducted any railroad operations or other activity at this site.

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PROJECT NAME	AGENCY	COUNTY	SITE ID#	PROJECT STATUS	ESTIMATED DATE OF COMPLETION	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	COMMENTS
Lenawee Co. RR (Adrian Railyard Facility)	MDOT	Lenawee	84	Not Liable	NA	None	Low	\$0	\$0	The MDEQ notified MDOT 9/29/97 that it is not liable. Site is a railroad facility which was acquired by DOT pursuant to the State Transportation Act of 1976. The DOT has never conducted any railroad operations or other activity at this site.
Brighton Twp. Facility	MDOT	Livingston	148	Investigation	Unk	None	High	\$157,657	\$157,657	Source of contamination is in dispute. Multiple potential sources.
Newberry Correctional Facility	MDOC	Luce	177	Closed	2001	None	Low	\$16,396	\$16,396	Unrestricted Tier I Residential Closure.
Detour Field Office	MDNR	Mackinac	138	Design	2014	None	Moderate	\$781,900	\$763,965	Some excavation work and sampling done. Evaluate closure under new regulations. Problem with new vapor considerations.
Engine Maintenance Garage	MDOT	Mackinac	60	Closed	1997	None	Low	\$0	\$0	Unrestricted Tier I Residential Closure. Completed with other state funding.
Mackinac Island State Park	MDNR	Mackinac	17	Closed	1997	None	Low	\$322	\$322	Unrestricted Tier 1 Residential Closure.
Naubinway Field Office	MDNR	Mackinac	8	Closed	2013	None	High	\$279,676	\$279,676	Commercial Tier I Closure with Deed Restrictions
Naubinway ROW	MDOT	Mackinac	98	Not Liable	NA	None	Low	\$0	\$0	The MDEQ has notified MDOT that it is not liable. Site is one which was encountered along the Right of Way. The DOT has never owned or operated this site.
St. Ignace Maintenance Garage	MDOT	Mackinac	61	Closure Activities	2014	None	Moderate	\$99,358	\$99,358	Groundwater monitoring for natural attenuation to achieve a restricted closure.
St. Ignace State Police Post	MSP	Mackinac	117	OM	2016	None	Unknown	\$274,000	\$142,910	Monitoring of natural attenuation.
Mackinac Bridge Authority	MDOT	Mackinaw	212	Closure Activities	2014	Low	Low	\$0	\$0	Closure activities underway for release C-1124-85. MDOT funding. Release C-1436-93 received an Unrestricted Type B Residential Closure on April 14, 1994 and release C-0087-08 received an Unrestricted Tier II Residential Closure on August 23, 2013.
Blacketts	MDOT	Macomb	92	Not Liable	NA	None	Low	\$0	\$0	The MDEQ has notified MDOT that it is not liable. Site is one which was encountered along the Right of Way. The DOT has never owned or operated this site.
Former Romeo State Police Post	MSP	Macomb	118	Design	2016	None	Unknown	\$459,977	\$427,855	Evaluation of residual contamination.
Former Warren State Police Post	MSP	Macomb	119	Closed	2005	None	Low	\$85,055	\$85,055	Unrestricted Residential Tier I Closure.
Macomb Correctional Facility	MDOC	Macomb	202	Closed	2009	Low	Medium	\$0	\$0	Unrestricted Tier I Residential Closure.
D.J. Jacobetti Home for Veterans	MDMVA	Marquette	155	Closed	1997	None	Low	\$0	\$0	Unrestricted Residential Tier 1 closure. Funded by National Guard Bureau.
Marquette Fish Hatchery	MDNR	Marquette	6	Closed	2003	None	High	\$204,922	\$204,922	Unrestricted Tier I Residential Closure.
Marquette Warehouse & Repair Shop	MDNR	Marquette	24	Closed	1997	None	Low	\$0	\$0	Unrestricted Tier I Residential Closure. Completed with other state funding.
Ludington State Park Dump	MDNR	Mason	137	Closed	1999	None	Low	\$19,347	\$19,347	Phase II remediation investigation revealed no contamination that needed addressing.
Ludington State Park UST	MDNR	Mason	156	Closed	1998	None	Low	\$0	\$0	Tier II residential closure w/deed restrictions limiting groundwater usage. Completed with other state funding.

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PROJECT NAME	AGENCY	COUNTY	SITE ID#	PROJECT STATUS	ESTIMATED DATE OF COMPLETION	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	COMMENTS
Midland Armory	MDMVA	Midland	36	Closure Activities	2013	None	Low	\$0	\$0	Closure activities.
I-75 Port of Monroe	MDOT	Monroe	57	Not Liable	NA	None	Low	\$0	\$0	Site is a railroad facility which was acquired by DOT pursuant to the State Transportation Act of 1976. The DOT has never conducted any railroad operations or other activities at this site.
Moo Lee Landfill-Pointe Mouille Dump	MDNR	Monroe	15	Not Liable	NA	Low	Low	\$73,584	\$73,584	State determined to be not liable.
Pointe Mouillee Shooting Range	MDNR	Monroe	11	OM	Unknown	Low	Moderate	\$2,348,845	\$2,348,845	Work will resume when funding becomes available.
Atlanta Maintenance Garage	MDOT	Montmorency	68	Closed	2009	None	Low	\$19,669	\$19,669	Deed Restricted Tier II Residential Closure.
Montague Armory	MDMVA	Muskegon	146	Closed	2001	None	Low	\$0	\$0	Unrestricted Tier I Residential Closure. Funded by National Guard Bureau.
Newaygo State Police Post	MDTMB	Newaygo	162	Closure Activities	2016	None	Unknown	\$195,361	\$175,480	Confirmatory sampling.
Auburn Hills Specialty Crews Complex	MDOT	Oakland	74	Closed	2001	None	Low	\$8,977	\$8,977	Unrestricted Residential Tier I Closure.
Bald Mountain Rec. Area Dump	MDNR	Oakland	25	No Funding	Unknown	Low	Unknown	\$49,369	\$49,369	Work will resume when funding becomes available.
Bald Mountain Shooting Range	MDNR	Oakland	20	No Funding	Unknown	Low	Unknown	\$42,062	\$42,062	Work will resume when funding becomes available.
Camp Pontiac	MDOC	Oakland	101	Closed	1997	Moderate	Low	\$6,289	\$6,289	Unrestricted Residential Tier I Closure.
Clinton Valley Center	MDTMB	Oakland	188	Closed	2001	High	Low	\$964,716	\$964,716	Unrestricted Tier I Residential Closure.
Detroit Artillery Armory	MDMVA	Oakland	34	Design	2013	High	Moderate	\$1,293,131	\$851,456	Negotiations with property owner.
Gilman Technical Rule Violation Center	MDOC	Oakland	176	OM	2015	None	Low	\$163,292	\$108,292	Ongoing groundwater monitoring.
Lake Orion US-24 ROW	MDOT	Oakland	95	Not Liable	NA	None	Low	\$0	\$0	The MDEQ has notified MDOT that it is not liable. Site is one which was encountered along the Right of Way. The DOT has never owned or operated this site.
Pontiac Lake Recreation Area Dumps	MDNR	Oakland	29	No Funding	Unknown	Low	Unknown	\$74,593	\$74,593	Work will resume when funding becomes available.
Pontiac State Police Post	MSP	Oakland	127	Closed	1997	Low	Low	\$0	\$0	Unrestricted Residential Tier I closure. Completed with other state funding.
Proud Lake Recreation Area	MDNR	Oakland	28	Closed	1998	None	Low	\$8,197	\$8,197	Unrestricted Residential Tier I Closure.
Proud Lake Recreation Area Dump	MDNR	Oakland	140	No Funding	Unknown	Low	Low	\$76,076	\$76,076	Work will resume when funding becomes available.
Willard Landfill - Highland Rec Area	MDNR	Oakland	13	Not Liable	NA	Low	Low	\$146,408	\$146,408	State determined to be not liable.
Former Hart State Police Post	MSP	Oceana	120	Closed	2001	None	Unknown	\$76,323	\$76,323	Unrestricted Residential Tier I Closure.
Ontonagon E&LS RR	MDOT	Ontonagon	86	Not Liable	NA	None	Low	\$0	\$0	The MDEQ notified MDOT 9/29/97 that it is not liable. Site is a railroad facility which was acquired by DOT pursuant to the State Transportation Act of 1976. The DOT has never conducted any railroad operations or other activity at this site.

**Michigan Department of Environmental Quality  
Appendix A: State Sites Cleanup Program  
Remediation and Redevelopment Division  
Fiscal Year 2013**

PROJECT NAME	AGENCY	COUNTY	SITE ID#	PROJECT STATUS	ESTIMATED DATE OF COMPLETION	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	COMMENTS
Marion Maintenance Garage	MDOT	Osceola	73	Closure Activities	2013	None	Low	\$72,051	\$42,994	Sampling soil gas for a restricted closure. MDOT funded.
Reed City State Police Post	MSP	Osceola	210	No Funding	2018	Low	Low	\$0	\$0	Initial Assessment Report filed. UST deregistered.
Mio Maintenance Garage	MDOT	Oscoda	66	Closed	2010	Moderate	Low	\$71,717	\$71,717	Deed Restricted Residential Tier I Residential Closure.
Gaylord Repair Shop	MDNR	Otsego	3	Design	2020	High	High	\$1,165,092	\$1,068,078	Product and groundwater monitoring underway. RAP submitted 3 years ago, no response from DEQ. No funding to implement.
Grand Haven State Police Post	MSP	Ottawa	209	No Funding	2019	Low	Low	\$0	\$0	Initial Assessment Report filed. UST deregistered.
Onaway Field Office	MDNR	Presque Isle	16	Closed	1998	None	Low	\$240	\$240	Unrestricted Tier 1 Residential Closure.
Onaway State Park	MDNR	Presque Isle	139	Closed	2000	None	Low	\$24,021	\$24,021	Unrestricted Tier I Residential Closure.
CARGEM	MDNR	Roscommon	14	Closed	2003	Moderate	Low	\$40,026	\$40,026	Generic residential closure. Site has been redeveloped.
Former DNR Roscommon Field Office	MDNR	Roscommon	157	Closed	2001	None	Low	\$48,656	\$48,656	Tier II residential closure w/ordinance prohibiting groundwater usage.
Houghton Lake State Police Post	MSP	Roscommon	121	OM	2015	None	Low	\$397,014	\$375,836	Confirmatory sampling.
Roscommon Toxaphene Storage Pit	MDNR	Roscommon	1	OM	2015	Moderate	High	\$451,134	\$417,764	Performing RCRA post-closure groundwater monitoring.
Bridgeport State Police Post	MSP	Saginaw	163	Closure Activities	2015	Low	Unknown	\$223,631	\$193,358	Confirmatory sampling.
Saginaw East Side Maintenance Garage	MDOT	Saginaw	62	Closed	1997	None	Low	\$0	\$0	Unrestricted Tier I Residential Closure. Completed with other state funding.
Saginaw Specialty Crews Bldg. 201	MDOT	Saginaw	76	Closed	1997	High	Low	\$0	\$0	Generic Industrial Closure. Completed with other state funding.
Zilwaukee PCB I-75	MDOT	Saginaw	80	Not Liable	NA	None	Moderate	\$110,506	\$110,506	State determined to be not liable.
Port Sanilac	MDOT	Sanilac	97	Not Liable	NA	None	Low	\$0	\$0	The MDEQ has notified MDOT that it is not liable. Site is one which was encountered along the Right of Way. The DOT has never owned or operated this site.
Camp Manistique	MDOC	Schoolcraft	203	No Funding	NA	High	Medium	\$0	\$0	No funding available.
Cuisino Prison Work Camp	MDOC	Schoolcraft	166	OM	2016	Low	Moderate	\$156,489	\$56,195	Monitoring of natural attenuation.
Manistique Monitoring Wells	MDOT	Schoolcraft	96	Not Liable	NA	None	Low	\$0	\$0	The MDEQ notified MDOT 6/98 that it is not liable for this site. Site is a railroad facility which was acquired along a right of way.
Manistique State Police Post	MSP	Schoolcraft	122	Closed	1999	None	Unknown	\$23,117	\$23,117	Investigation showed no contamination.
Former Owosso State Police Post	MSP	Shiawassee	123	Closure Activities	2015	None	High	\$780,028	\$752,960	Closure report waiting for site owner to sign restrictive covenant.

**Michigan Department of Environmental Quality  
Appendix A: State Sites Cleanup Program  
Remediation and Redevelopment Division  
Fiscal Year 2013**

PROJECT NAME	AGENCY	COUNTY	SITE ID#	PROJECT STATUS	ESTIMATED DATE OF COMPLETION	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	COMMENTS
Owosso Railyard	MDOT	Shiawassee	89	Not Liable	NA	None	High	\$0	\$0	The MDEQ notified MDOT 9/29/97 that it is not liable. Site is a railroad facility which was acquired by DOT pursuant to the State Transportation Act of 1976. The DOT has never conducted any railroad operations or other activity at this site.
Blue Water Bridge Maintenance Garage	MDOT	St. Clair	77	Closed	1997	None	Low	\$0	\$0	Unrestricted Residential Tier I Closure.
Colon Maintenance Garage	MDOT	St. Joseph	70	Closed	1999	High	Low	\$89,026	\$89,026	Unrestricted Residential Tier I Closure.
Camp Tuscola	MDOC	Tuscola	102	Closed	2006	None	Low	\$59,346	\$59,346	Site delisted as it no longer met criteria in the Part 201 rules.
Caro Center Grounds Shed	MDCH	Tuscola	199	No Funding	Unknown	None	Unknown	\$0	\$0	No funding available.
Caro Center Power Plant	MDCH	Tuscola	173	Design	2016	None	Low	\$500,715	\$132,493	Potential excavation of #6 fuel oil impacted soil.
Caro Center Warehouse Bldg.	MDCH	Tuscola	174	Design	2016	None	Low	\$280,371	\$193,566	Excavation of residual smear zone soils in UST area.
Caro Center, Waste Site #39	MDCH	Tuscola	30	Closed	2001	None	Low	\$24,104	\$24,104	Unrestricted Tier 1 Residential Closure.
Vassar Railyard	MDOT	Tuscola	90	Not Liable	NA	None	Low	\$0	\$0	The MDEQ notified MDOT 9/29/97 that it is not liable. Site is a railroad facility which was acquired by DOT pursuant to the State Transportation Act of 1976. The DOT has never conducted any railroad operations or other activity at this site.
Paw Paw Maintenance Garage	MDOT	Van Buren	64	Closed	1997	None	Moderate	\$46,000	\$46,000	Unrestricted Residential Tier I Closure.
Paw Paw State Police Post	MSP	Van Buren	124	Closure Activities	2013	None	Low	\$61,931	\$46,926	Implement additional response actions requested by DEQ.
South Haven Maintenance Garage	MDOT	Van Buren	69	Closed	2001	None	Low	\$3,856	\$3,856	Unrestricted Residential Tier I Closure.
South Haven State Police Post	MSP	Van Buren	125	Closed	2001	None	Low	\$38,971	\$38,971	Unrestricted Residential Tier I Closure.
UST removals, 12 Armories	MDMVA	Various	47	Not Eligible	NA	None	Unknown	\$0	\$0	Sites may require remediation if found to be contaminated upon UST removal. If remediation is required, sites will become eligible for funding.
Cassidy Lake SAI	MDOC	Washtenaw	182	Closed	2001	None	Low	\$15,573	\$15,573	Unrestricted Tier I Residential Closure.
Maxeys Training School-	MDHS	Washtenaw	170	Design	2016	Low	Moderate	\$316,598	\$250,314	Excavation of source of contamination with shoring of Maintenance Building foundation.
Waterloo Recreation Area Dump	MDNR	Washtenaw	27	No Funding	Unknown	Low	Unknown	\$140,531	\$140,531	Work will resume when funding becomes available.
Ypsilanti Regional Psychiatric Hospital	MDCH	Washtenaw	152	Closed	2000	High	Low	\$8,281	\$8,281	Unrestricted Tier I Residential Closure.
Ypsilanti Regional Psychiatric Hospital Oil Spill	MDCH	Washtenaw	192	No Funding	Unknown	High	Moderate	\$0	\$0	No funding available.
Ypsilanti State Police Post	MSP	Washtenaw	128	Closed	1998	None	Low	\$0	\$0	Unrestricted Residential Tier I closure. Completed with other state funding.
Ambassador Bridge (Parcel 4002)	MDOT	Wayne	91	Not Liable	NA	None	Low	\$0	\$0	The MDEQ has notified MDOT that it is not liable. Site is one which was encountered along the Right of Way. The DOT has never owned or operated this site.

**Michigan Department of Environmental Quality  
Appendix A: State Sites Cleanup Program  
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PROJECT NAME	AGENCY	COUNTY	SITE ID#	PROJECT STATUS	ESTIMATED DATE OF COMPLETION	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	COMMENTS
Bergmann Property	MDOT	Wayne	207	Closure Activities	2013	Unknown		\$0	\$0	Closure activities underway.
Brodhead Armory	MDMVA	Wayne	143	Closed	2000	None	Low	\$0	\$0	Unrestricted Residential Tier I closure. Funded by National Guard Bureau.
Detroit Light Guard Armory	MDMVA	Wayne	40	Closure Activities	2013	None	Low	\$0	\$0	Closure pending.
Detroit Plaza State Office Building	MDTMB	Wayne	132	Not Eligible	NA	None	Low	\$0	\$0	Demolition activities are not eligible.
DMB Plaza Motor Pool	MDTMB	Wayne	129	Closed	2001	None	Low	\$8,000	\$8,000	Unrestricted Residential Tier I Closure.
Former Mi Liquor Control Warehouse	MDTMB	Wayne	171	Closed	2002	High	Unknown	\$23,715	\$23,715	Closed - Non-Residential Tier I with Deed Restrictions.
Michigan State Fair Grounds	MDARD	Wayne	196	Closed	2013	Moderate	Moderate	\$0	\$0	Restricted Tier I Industrial Closure.
Mound Correctional Facility UST	MDOC	Wayne	165	No Funding	Unknown	Low	Low	\$8,589	\$8,589	Work will resume when funding becomes available.
Northville Psychiatric Hospital Asbestos	MDCH	Wayne	131	Not Eligible	NA	None	Low	\$0	\$0	Asbestos Removal Completed.
Northville Psychiatric Hospital Complex	MDCH	Wayne	190	Closed	2008	High	Moderate	\$0	\$0	Unrestricted Tier I Residential Closure. Property sold 'as is'.
Northville Psychiatric Hospital/Bldg.15	MDCH	Wayne	168	Closed	2001	Low	Low	\$17,203	\$17,203	Unrestricted Tier I Residential Closure.
Northville Psychiatric Hospital/UST	MDCH	Wayne	151	Closed	2001	Low	Low	\$9,209	\$9,209	Unrestricted Tier I Residential Closure.
Northville State Police Post	MSP	Wayne	126	Closed	1997	None	Moderate	\$6,623	\$6,623	Unrestricted Residential Tier I Closure.
Robert Scott Correctional Facility	MDOC	Wayne	206	Closure Activities	2014	Unknown	Low	\$0	\$0	Evaluating DEQ comments to Closure Report.
Ryan Correctional Facility Second UST	MDOC	Wayne	164	No Funding	Unknown	Low	Low	\$14,661	\$14,661	Work will resume when funding becomes available.
Ryan Regional Correctional Facility	MDOC	Wayne	142	OM	2016	High	Unknown	\$257,047	\$173,567	Negotiating with the owner of Spartan Metals for access. Sampling and monitoring.
Taylor Armory	MDMVA	Wayne	204	Closed	2010	Moderate	Low	\$0	\$0	Unrestricted Tier I Residential Closure.
Western Wayne Correctional Facility	DMOC	Wayne	193	No Funding	Unknown	Low	Low	\$0	\$0	No funding available.
Cadillac Railyard	MDOT	Wexford	87	Not Liable	NA	None	Low	\$0	\$0	The MDEQ notified MDOT 9/29/97 that it is not liable. Site is a railroad facility which was acquired by DOT pursuant to the State Transportation Act of 1976. The DOT has never conducted any railroad operations or other activity at this site.
Unassigned to Specific Sites								\$17,539	\$6,192	None
						Totals		\$37,382,703	\$32,642,844	

**Michigan Department of Environmental Quality**  
**Appendix B: Report of the Environmental Cleanup and Redevelopment Program**  
**Remediation and Redevelopment Division**  
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BASIC SITE INFORMATION								FUNDING INFORMATION		RESPONSE ACTIONS	
SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Alcona Oil Co, Inc.	Alcona	01000008	213	Monitoring	12/1/2014	X		\$246,000	\$89,982	RS	
Former Parts Manufacturing	Alcona	01000035	201	Complete	12/31/2013		X	\$300,000	\$37,439	RS	
Former Tavern and Gas Station	Alcona	01000038	213	Closed	6/25/2013		X	\$850,000	\$409,635	RS	
Glennie Mobil Service	Alcona	01000033	213	Closed	2/1/2002	X		\$15,000	\$62,075	RS	
Greenbush Community Church	Alcona	01000022	201	Complete	12/31/2013		X	\$2,500	\$900	AW	
Harrisville Sports Center	Alcona	01000034	213	Closed	2/1/2002	X		\$20,000	\$45,490	RS	
Lakeshore Terminal & Pipeline	Alcona	01000029	201	PLP	10/1/2007		X	\$250,000		RS	
Paragon Metal Works/Mikado Total	Alcona	01000037	213	Monitoring	12/1/2014		X	\$852,000	\$673,078	RS	
Phil's Sunoco	Alcona	01000016	213	Monitoring	6/30/2015		X	\$1,850,000	\$646,365	RS	
Ruby Rowell	Alcona	01000032	213	Closed	2/1/2002	X		\$15,000	\$5,425	RS	
Somers Service Inc.	Alcona	01000006	213	Complete	12/31/2013		X	\$350,000	\$2,096,770	RS	
State Park Grocery	Alcona	01000030	213	Monitoring	12/1/2015	X		\$206,600	\$461,153	RS	
A&M Contracting	Alger	02000050	213	Closed	9/1/2000	X		\$5,000		RS	
Chatham Corners Store	Alger	02000024	213	Monitoring	9/1/2016		X	\$500,000	\$78,569	RS	
Christmas Sports Enterprises	Alger	02000054	213	Closed	7/1/2012		X	\$50,000	\$9,599	RS	
Duke's Sawmill	Alger	02000049	213	Closed	3/1/2000	X		\$5,000		RS	
Grand Marais GW Contamination	Alger	02000013	201	Closed	3/1/1998		X	\$5,000		AW	
H-13 GW Contamination	Alger	02000010	213	Closed	12/1/2001		X	\$26,300		AW	
Jerry & Pats Party Store	Alger	02000039	213	Closed	7/1/2012		X	\$65,000	\$148,644	RS	
Klosowski Oil Co.	Alger	02000501	213	Closed	7/1/2012	X		\$285,000	\$435,859	RS	
Laughing Whitefish Trading Post	Alger	02000017	213	Monitoring	3/1/2015		X	\$667,000	\$129,875	RS	
Melstrand General Store	Alger	02000041	213	Closed	10/1/2000		X	\$400,000		AW	
Midway Resort Inc.	Alger	02000012	213	Monitoring	9/1/2017		X	\$1,654,000	\$491,990	RS	
Munising Shell, Inc.	Alger	02000016	213	Closed	4/1/2013		X	\$100,000	\$29,123	RS	
Res Wells Eben Jct	Alger	02000008	201	Closed	8/1/2005		X	\$1,165,000		AW	
Res Wells Eben Jct	Alger	02000008	201	Closed	8/1/2005		X	\$900,000	\$740,955	RS	
Res Wells Trenary	Alger	02000009	213	Closed	6/1/2004	X	X	\$1,170,000	\$11,237	AW	
Res Wells Trenary	Alger	02000009	213	Closed	6/1/2004	X	X	\$350,000	\$44,418	RS	
Shingleton GW Contamination	Alger	02000014	201	Closed	3/1/1999		X	\$16,000	\$5,857	AW	
Winter's Corner Store	Alger	02000015	213	Cancelled	7/1/2012	X		\$55,000		RS	
142nd Ave, Dorr	Allegan	03000160	213	Closed	7/1/1999		X	\$10,000		AW	
860 56th St Pullman	Allegan	03000060	201	Closed	7/1/2001		X	\$3,000	\$1,053	AW	
A 1 Disposal Corp	Allegan	03000002	201	PLP	6/1/2002		X	\$577,000	\$9,114	RS	
A-1 Disposal Landfill	Allegan	03000003	201	PLP	9/1/2013		X	\$770,000	\$3,115,014	RS	
Bloomfield Res Well	Allegan	03000052	201	Closed	7/1/2001		X	\$80,000		AW	
Blue Star & M-89	Allegan	03000172	201	Monitoring	12/1/2012		X	\$27,000	\$1,158	AW	
Blue Star & M-89	Allegan	03000172	201	Monitoring	12/1/2012		X		\$3,276	RS	
Commercial Wells Vlg of Martin	Allegan	03000005	213	Closed	7/1/1999		X	\$100,000		AW	
Fennville Feed Supply	Allegan	03000188	213	Complete	12/31/2013		X	\$560,000	\$694,653	RS	
Gleason Road Res Well	Allegan	03000081	201	Closed	3/1/1999		X	\$18,000	\$269	AW	
Gun Plain Res Well	Allegan	03000080	201	Closed	1/1/2004		X	\$36,000	\$72,447	AW	
Gun Plain Twp Landfill	Allegan	03000057	201	Complete	12/1/2013		X	\$2,350,000	\$349,661	RS	
Gun River Well	Allegan	03000059	201	Cancelled	7/1/2001		X	\$8,000	\$38	AW	
Jersey Street Plainwell	Allegan	03000037	201	Closed	4/18/2013		X	\$1,150,000	\$787,907	RS	
New Salem Grocery, Inc	Allegan	03000247	213	Monitoring	5/30/2014		X	\$150,000	\$81,792	RS	
Old Rockwell Building	Allegan	03000030	201	PLP		X		\$1,000,000		RS	
Old Rockwell Building	Allegan	03000030	201	PLP		X		\$2,000,000	\$948,054	SF	
Pioneer Market	Allegan	03000225	213	Cancelled	7/1/2012	X		\$48,000		RS	

**Michigan Department of Environmental Quality**  
**Appendix B: Report of the Environmental Cleanup and Redevelopment Program**  
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BASIC SITE INFORMATION								FUNDING INFORMATION		RESPONSE ACTIONS	
SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Pullman Oil Field	Allegan	03000026	201	Funding Hold			X	\$250,000	\$210,054	RS	Funds may be needed if residential wells become contaminated.
Pullman Rd & 109th Ave	Allegan	03000163	201	Funding Hold			X	\$216,000	\$481,281	AW	
Pullman Rd & 109th Ave	Allegan	03000163	201	Funding Hold			X		\$605,449	RS	Need to install groundwater remedy.
Res Well Ottagon	Allegan	03000053	201	Closed	4/3/2013		X	\$10,000	\$75,564	AW	
Res Wells 10th St	Allegan	03000055	201	PLP	7/1/2001		X	\$8,000		AW	
Saugatuck Twp Contamination	Allegan	03000221	201	Closed	4/3/2013		X	\$1,200,000	\$1,001,531	AW	
Saugatuck Twp Contamination	Allegan	03000221	201	Closed	4/3/2013		X	\$0	\$2,174	RS	
Sunrise LF	Allegan	03000031	201	Monitoring	12/1/2012		X	\$21,345,000	\$5,981,831	RS	
Village of Douglas Contam	Allegan	03000032	201	In Progress	6/30/2019		X	\$500,000	(\$62,272)	AW	
Village of Douglas Contam	Allegan	03000032	201	In Progress	6/30/2019		X	\$2,581,000	\$1,789,549	RS	Treatment system is in operation. Project is currently funded by SWQI.
Wayland Recycling	Allegan	03000237	201	In Progress			X	\$250,000	\$275,907	RS	Vapor intrusion investigation and laboratory analysis.
1000 Highland Court	Alpena	04000125	201	Closed	3/1/2002		X	\$150,000	\$44,369	AW	
Abitibi-Price	Alpena	04000039	201	PLP	3/1/1998		X			RS	
Alpena LF City Of	Alpena	04000003	201	Funding Hold			X	\$495,000	\$8,317	RS	Need to conduct groundwater monitoring.
Dan's Party Store (former)	Alpena	04000135	213	Monitoring	6/1/2017		X	\$395,000	\$363,069	RS	
Dault Property Sanborn Twp	Alpena	04000004	201	Closed	2/1/1997		X	\$200,000	\$18,329	RS	
Fivenson Iron & Metal Co	Alpena	04000042	201	Closed	2/1/1997		X	\$3,500,000	\$1,630,950	RS	
Glawe Equipment Co.	Alpena	04000033	201	Closed	12/1/1998		X	\$500,000	\$250	RS	
Hibner Rd Res Well	Alpena	04000020	201	Closed	10/1/1995		X	\$9,500	\$18,104	AW	
Hibner Rd Res Well	Alpena	04000020	201	Closed	10/1/1995		X	\$325,000	\$62,373	RS	
Hubbard Lake Garage	Alpena	04000156	213	Closed	12/1/2012		X	\$10,000	\$1,569	RS	
Hubbard Lake General Store	Alpena	04000157	213	In Progress	4/30/2018		X	\$15,000	\$3,893	RS	Soil and groundwater delineation in process.
Kim Mansfield Property	Alpena	04000133	213	Closed	3/1/2000	X		\$10,000		RS	
Lee's Auto Parts	Alpena	04000057	201	PLP	3/1/2002		X	\$110,000		RS	
National Gypsum Co.	Alpena	04000095	201	In Progress			X	\$9,500,000	\$4,399,939	RS	Groundwater and surface water monitoring in progress. State is providing match funds for reef construction grants.
Oxbow Park	Alpena	04000116	201	Closed	10/1/2003	X		\$100,000	\$94,733	RS	
Res Wells Ossineke	Alpena	04000011	213	Closed	7/1/1999		X	\$12,000		AW	
Woody's Grocery	Alpena	04000018	213	Closed	38657		X	\$200,000	\$105,171	RS	
Alba Highway 5895	Antrim	05000096	201	Closed	5/1/2003	X	X	\$78,000	\$119,331	RS	
Bellaire Bay Mart	Antrim	05000091	213	Complete	12/31/2013		X	\$775,000	\$1,109,119	RS	
Butch's Tackle & Marine	Antrim	05000034	213	Monitoring	10/1/2015		X	\$2,240,000	\$946,689	RS	
Cary's Self Serve	Antrim	05000032	213	PLP	9/1/2005		X	\$300,000		RS	
Don's Auto	Antrim	05000125	213	In Progress	10/1/2021		X	\$100,000	\$73,889	RS	Investigation to be conducted to define extent of contamination.
Former Alba Car Dealership	Antrim	05000105	213	Closed	1/1/2000	X		\$20,000	\$26,631	RS	
International Disc Corp	Antrim	05000007	201	Closed	2/1/1997		X	\$900,000	\$1,163,498	RS	
Lake Auto Clinic	Antrim	05000103	213	Complete	10/1/2013		X	\$900,000	\$34,097	RS	
Pickup Capital of the North (former)	Antrim	05000042	213	Complete	12/31/2013		X	\$1,465,000	\$521,266	RS	
Picnic Basket Party Store	Antrim	05000010	201	Closed	11/1/1996		X	\$290,000	\$15,436	RS	
Portside Cleaners	Antrim	05000097	201	Funding Hold			X	\$500,000	\$290,754	RS	Need to demolish building and remove contaminated soil.
Res Well Torch Lake Twp	Antrim	05000011	213	Closed	7/1/1999		X	\$10,000	\$19,256	AW	

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SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Res. Wells Torch Lake Twp.	Antrim	05000109	213	In Progress	10/1/2018		X	\$0	\$142,328	AW	
Res. Wells Torch Lake Twp.	Antrim	05000109	213	In Progress	10/1/2018		X	\$2,350,000	\$737,661	RS	Treatment system to be installed.
Residential Well E Torch Lake Dr	Antrim	05000015	213	Closed	7/1/1999		X			AW	
Residential Well E Torch Lake Dr	Antrim	05000015	213	Closed	7/1/1999		X	\$300,000		RS	
Richard Godden	Antrim	05000039	213	Complete	12/31/2013		X	\$650,000	\$179,864	RS	
Tar Lake	Antrim	05000012	201	OM	2/1/2023		X		\$1,851,178	AW	
Tar Lake	Antrim	05000012	201	OM	2/1/2023		X	\$3,410,000	\$1,270,049	SF	
Vlg of Mancelona	Antrim	05000018	201	Closed	2/1/2013		X	\$50,000		AW	
Vlg of Mancelona	Antrim	05000018	201	Closed	2/1/2013		X	\$350,000	\$655,508	RS	
Wickes Manufacturing Mancelona	Antrim	05000005	201	In Progress			X	\$3,750,000	\$7,372,808	AW	
Wickes Manufacturing Mancelona	Antrim	05000005	201	In Progress			X	\$1,450,000	\$7,179,000	RS	Groundwater and surface water monitoring in progress. Assessing actions required to protect drinking water.
Woodland Oil-Bellaire Bulk Plant	Antrim	05000037	201	Closed	3/1/2002	X	X	\$1,400,000	\$200,677	RS	
Arnold's Hardware Store	Arenac	06000057	201	Closed	7/1/2012		X	\$60,000	\$146,248	RS	
Central Oil/Wild Bill's	Arenac	06000045	213	Closed	4/1091	X		\$528,000	\$362,976	RS	
Lar-Mart	Arenac	06000055	213	Closed	5/1/2001	X		\$25,000	\$117,037	RS	
Main Road, 3493	Arenac	06000056	213	Closed	7/1/2012		X	\$50,000	\$148,884	RS	
Roe Chevrolet	Arenac	06000058	213	Closed	9/1/2007		X	\$125,000	\$167,827	RS	
Standish Truck Stop	Arenac	06000053	213	Closed	6/1/1999	X		\$13,000		RS	
Sterling Bank of Sleeper and Chamberlain #1	Arenac	06000043	201	Closed	7/1/2005		X	\$175,000	\$75,850	RS	
Wojtas, William & Christine 2	Arenac	06000031	201	Closed	11/1/1995		X		\$64,010	RS	
Arvon Township School Bus Garage	Baraga	07000048	213	Closed	4/2/2013		X	\$200,000	\$102,830	RS	
BCRC Skanee Garage	Baraga	07000035	213	PLP	3/1/2005		X	\$200,000		RS	
Huron Bay Res Well	Baraga	07000022	213	Cancelled	12/1/1997		X	\$15,000	\$238	AW	
L'Anse Bulk Plant	Baraga	07000038	213	Closed	7/1/2012	X		\$7,500	\$56,203	RS	
L'Anse Marathon	Baraga	07000037	213	Closed	7/1/2012	X		\$292,000	\$331,141	RS	
Pelkie Co-Op	Baraga	07000036	213	Closed	5/1/2000	X		\$5,000		RS	
B.P.H. Fire Dept.	Barry	08000091	213	Closed	11/1/2003		X	\$500,000		RS	
Blankenstein Pontiac - Oldsmobile	Barry	08000105	213	Complete	8/29/2014		X	\$150,000	\$65,340	RS	
Bruinsma Farms	Barry	08000094	213	Closed	6/1/2002	X		\$36,000		RS	
Chief Noonday Archwood	Barry	08000008	201	Closed	11/1/2005		X	\$760,000	\$1,360	AW	
Freeport Auto Service	Barry	08000068	213	Funding Hold			X	\$200,000		RS	Need to remove underground storage tank and conduct investigation.
Joe Gruzecki Property (Oakwood Resort)	Barry	08000090	213	Closed	1/1/2002	X		\$36,000	\$444	RS	
Kavco LF	Barry	08000007	201	OM	3/30/2030		X		\$1,836	AW	
Kavco LF	Barry	08000007	201	OM	3/30/2030		X	\$3,095,000	\$3,356,425	RS	
Orchard Street Delton	Barry	08000036	201	Closed	11/1/2005		X	\$1,270,000	\$984,512	AW	
Res Well Patterson Rd	Barry	08000056	201	Closed	11/1/2005		X	\$10,000	\$6,179	AW	
Res Wells Cloverdale	Barry	08000012	201	Closed	2/1/2000		X	\$140,000	\$2,901	AW	
Res Wells Woodland	Barry	08000013	213	Monitoring	12/31/2016		X		\$987	AW	
Res Wells Woodland	Barry	08000013	213	Monitoring	12/31/2016		X	\$650,000	\$92,502	RS	
Snyder's Garage	Barry	08000095	213	Closed	7/29/2013	X		\$36,000	\$11,906	RS	
South Wall Lake GW Contamination	Barry	08000042	201	Closed	3/1/2000		X	\$412,000	\$255,798	AW	
State and Apple	Barry	08000092	213	Complete	7/31/2014		X	\$425,000	\$274,845	RS	
Aerospace America Inc	Bay	09000001	201	Closed	12/1/2000		X	\$85,000		RS	
Al's Mobil	Bay	09000189	213	Complete	12/31/2013		X	\$175,000	\$229,367	RS	
Amyotte-Kurzeja-Drako #1	Bay	09000254	201	Closed	9/1/2003		X	\$100,000	\$67,198	RS	

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Auburn Auto Body	Bay	09000295	213	Closed	5/1/2001	X		\$11,000	\$10,837	RS	
Bargain Barn	Bay	09000307	213	Closed	9/1/2007	X		\$20,000	\$217,225	RS	
Bay City Middlegrounds	Bay	09000004	201	PLP	7/1/2012		X	\$1,950,000	\$10,214	RS	
Bay Refinery Div Pipeline Breaks	Bay	09000073	201	Closed	6/1/1994		X	\$32,000		RS	
Bay Valley Oil	Bay	09000305	213	Closed	5/1/1999		X	\$110,000	\$39,064	RS	
Bill Kundering	Bay	09000345	213	Cancelled	7/1/2012		X	\$125,000		RS	
Essexville Marathon	Bay	09000032	213	Complete	12/31/2013	X		\$301,000	\$151,068	RS	
Fletcher Oil-Center Ave.	Bay	09000122	213	Closed	5/1/2002	X		\$273,000	\$66,054	RS	
Fletcher Oil-Midland St.	Bay	09000293	213	PLP	7/1/2012	X		\$15,000	\$147,196	RS	
Former Eberline Communications	Bay	09000272	201	Closed	3/1/2002	X		\$30,000	\$48,459	RS	
Former Gas Stations- 1001-91 Madison	Bay	09000302	213	Closed	2/1/2000	X		\$5,000		RS	
G.L. Ltd.	Bay	09000017	213	Closed	5/1/2000	X		\$9,000		RS	
Gerald & Marie Bradley (105 18th Street)	Bay	09000271	213	Closed	3/1/2002	X		\$40,000	\$96,432	RS	
Hartley and Hartley	Bay	09000015	201	PLP	7/1/2012		X	\$11,150,000	\$4,224,942	RS	
Henry Realty Corp.	Bay	09000300	213	Closed	2/1/2000	X		\$5,000		RS	
Kuehnemund Estate Property	Bay	09000086	201	Closed	11/1/2001	X			\$34,295	RS	
Kuhlman Electric	Bay	09000184	201	PLP	7/1/2012		X	\$250,000		RS	
Maple's Grocery	Bay	09000048	213	Monitoring	9/28/2014		X	\$150,000	\$91,151	RS	
Mel's Service	Bay	09000304	213	Funding Hold		X		\$207,000	\$49,205	RS	Need investigation of extent of contamination and soil removal.
Michigan Architectural Decorators	Bay	09000049	201	Closed	9/1/1991		X	\$100,000		RS	
Patterson Service	Bay	09000299	213	Closed	9/1/2007	X		\$24,000	\$232,879	RS	
Pfanne's Grocery	Bay	09000303	213	Closed	7/1/2012	X		\$174,000	\$232,905	RS	
Phil's Bank Union 76	Bay	09000221	213	PLP	9/1/2013		X	\$250,000	\$2,561	RS	
Pinconning Tire Store	Bay	09000084	213	Closed	11/1/2000	X		\$3,000		RS	
Prestolite Electric, Inc.	Bay	09000021	213	Closed	5/1/2000	X		\$9,000		RS	
Ray Molder, Inc.	Bay	09000226	213	Closed	12/1/1999	X		\$7,000		RS	
Saginaw Bay Industries	Bay	09000181	201	Closed	7/1/2012	X		\$960,000	\$67,165	RS	
Saginaw River and Saginaw Bay	Bay	09000092	201	Closed	12/1/2000		X	\$3,284,800	\$1,023,635	RS	
Trojan Property	Bay	09000157	213	Closed	3/1/2002	X		\$50,000	\$78,606	RS	
Woodside Avenue Development	Bay	09000275	201	Closed	3/7/85	X		\$250,000	\$131,936	RS	
B & M Party Store	Benzie	10000041	213	Monitoring	9/1/2016		X	\$1,220,000	\$3,264,635	RS	
Betsie Bay Dockominiums	Benzie	10000028	213	Closed	1/1/2001		X	\$175,000	\$31,237	RS	
Bud's in Honor	Benzie	10000070	213	In Progress	9/30/2015		X	\$100,000	\$52,585	RS	Investigation to determine feasibility of treating the source soils.
Carter Creek	Benzie	10000043	201	Closed	2/1/2013		X	\$800,000	\$3,515	RS	
Lone Pine Party Store	Benzie	10000066	213	Complete	12/1/2013		X	\$415,000	\$160,433	RS	
Thomas Baldwin	Benzie	10000058	213	Closed	11/1/2003	X		\$48,000	\$12,205	RS	
Village of Honor Res. Wells	Benzie	10000009	213	Monitoring	12/1/2014		X	\$177,500	\$122,083	RS	
Woodland Oil Co	Benzie	10000010	201	Complete	12/31/2013		X	\$575,000	\$175,823	RS	
Aircraft Components, Inc. (D&L Sales)	Berrien	11000320	201	In Progress	10/31/2017		X	\$250,000	\$574,049	SF	In-situ injections.
ALRECO	Berrien	11000021	201	Closed	7/1/2001	X		\$700,000		RS	
Anchors Way Development	Berrien	11000351	201	Closed	4/1/2002	X		\$50,000	\$44,335	RS	
Andy's Bakertown Grocery	Berrien	11000391	213	Closed	4/18/2013	X		\$315,000	\$209,877	RS	
Auto Specialties, Riverside	Berrien	11000068	201	Closed	5/1/2001		X		\$870,179	RS	
Auto Specialties Graves St	Berrien	11000003	201	Closed	1/1/2000		X	\$8,950,000	\$3,164,835	RS	
Bendix	Berrien	11000005	201	Monitoring			X	\$250,000	\$246,336	SF	
Benton Harbor American Laundry	Berrien	11000392	213	Funding Hold		X		\$48,000		RS	Funds needed to conduct investigation and possible remediation of vinyl chloride plume.

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Berman/Battery Bob's	Berrien	11000353	201	Closed	8/1/2007	X		\$175,000	\$552,696	RS	
Berrien County Sheriff's Substation	Berrien	11000093	213	In Progress	9/30/2014		X	\$350,000	\$328,042	RS	Building demolition, source removal, site restoration, and well abandonment.
Berrien Springs Mun Wells	Berrien	11000006	201	Closed	7/1/2001		X	\$150,000		AW	
Broadway Service Station #1	Berrien	11000387	213	Closed	4/1/2002	X		\$10,000		RS	
Broadway Service Station #2	Berrien	11000385	213	Closed	4/1/2002	X		\$10,000	\$49,552	RS	
Buchanan Steel	Berrien	11000345	201	Closed	4/1/2002	X		\$500,000	\$457,530	RS	
Coloma Citgo	Berrien	11000253	213	In Progress	5/1/2022		X	\$750,000	\$10,461	RS	Free petroleum product removal will be conducted, if liable party does not conduct work.
Coloma DCPA Site	Berrien	11000373	201	Closed	4/8/2013		X	\$4,100,000	\$7,088,454	AW	
Cozy Corner General Store	Berrien	11000380	213	Closed	9/1/2007	X		\$126,000	\$128,016	RS	
CSX	Berrien	11000362	201	PLP	4/1/2004	X		\$100,000	\$2,354	RS	
D & B Buildings	Berrien	11000244	201	PLP	8/1/2007	X	X	\$1,600,000	\$1,882,636	RS	
Dave's Shell	Berrien	11000384	213	Closed	7/1/2012		X	\$225,000	\$320,983	RS	
East Main & Third	Berrien	11000064	213	Closed	9/1/2007	X		\$100,000	\$99,056	RS	
Edgewater Development	Berrien	11000349	201	Closed	4/8/2013	X		\$4,000,000	\$1,990,242	RS	
Frank's Pro Station	Berrien	11000063	213	Closed	7/1/2012		X	\$1,145,000	\$843,463	RS	
Fredrick's Auto Clinic	Berrien	11000185	213	Closed	4/24/2013		X	\$675,000	\$720,408	RS	
Gafill Oil at 355 E. Main St.	Berrien	11000381	213	Closed	39326	X		\$300,000	\$42,074	RS	
Gary's Union 76	Berrien	11000376	213	PLP	4/3/2013		X	\$365,000	\$219,617	RS	
Gene's Party Pantry	Berrien	11000236	213	Closed	9/1/2007		X	\$300,000	\$410,846	RS	
Global Diecast	Berrien	11000330	213	Closed	3/1/2002	X		\$10,000	\$14,517	RS	
Harbor Plating	Berrien	11000075	201	OM	9/30/2021	X		\$3,000,000	\$2,023,319	RS	
Joe's Texaco	Berrien	11000378	213	PLP	8/1/2005	X		\$60,000		RS	
John Napier	Berrien	11000379	213	Cancelled	9/1/2013	X		\$48,000		RS	
Kartar Mobil #3	Berrien	11000161	213	PLP		X		\$5,000		RS	
Klock Road Interchange	Berrien	11000354	201	Closed	4/1/2002	X		\$20,000	\$30,350	RS	
Leo's Citgo	Berrien	11000377	213	Cancelled	8/1/2005	X		\$48,000		RS	
Main & Fair SW Corner	Berrien	11000424	213	Funding Hold			X	\$550,000		RS	Need investigation to define extent of contamination.
Main & Oden NE Corner	Berrien	11000425	213	Funding Hold			X	\$550,000		RS	Need investigation to define extent of contamination.
Malleable	Berrien	11000018	201	Closed	4/1/2002	X		\$475,000	\$951,247	RS	
N Roosevelt Rd Area Stevensville	Berrien	11000024	201	Closed	3/1/1993		X	\$1,450,000		RS	
Niles Municipal Well Decker St	Berrien	11000026	201	Closed	5/1/2001		X			AW	
Nyes Shell Service	Berrien	11000429	213	Funding Hold			X	\$150,000		RS	Need investigation of extent of contamination and address saturated soil.
Old Fletcher Paper Mill	Berrien	11000247	201	Closed	8/1/2007	X		\$3,000,000	\$2,326,230	RS	
Old Kawneer Bldg.	Berrien	11000347	201	Closed	5/3/2013	X		\$1,500,000	\$772,598	RS	
Old Paw Paw Avenue Site	Berrien	11000369	201	Cancelled	4/1/2004	X		\$200,000	\$5,463	RS	
P.J. Walton	Berrien	11000386	213	Closed	2/1/2002	X		\$36,000		RS	
Phillips66/Downtown Service	Berrien	11000146	213	PLP	8/1/2005	X		\$5,000		RS	
Randy's Amoco	Berrien	11000428	213	In Progress	4/1/2021		X	\$700,000	\$106,005	RS	Remedial investigation and interim response.
Red Arrow Hwy. Gas Station	Berrien	11000383	213	Closed	9/1/2007	X		\$250,000	\$95,825	RS	
Red Oak Furniture	Berrien	11000032	201	Closed	4/1/2005		X	\$500,000	\$19,161	RS	
Rengo Equities	Berrien	11000389	213	Cancelled	10/1/2007	X		\$36,000		RS	
Res Wells 11th St.	Berrien	11000292	201	Closed	5/3/2013		X	\$16,000	\$2,052	AW	

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Res Wells Niles 3rd St	Berrien	11000034	201	Funding Hold			X	\$578,000	\$969,127	RS	Treatment system shut down due to low priority for funding. Need investigation to identify additional source of free petroleum product and resume treatment system.
River Street Brownfield (Bldg 32)	Berrien	11000360	201	PLP	4/3/2013	X		\$1,000,000	\$296,393	RS	
Ryno Road Res Well	Berrien	11000301	201	Cancelled	5/1/2001		X	\$1,600		AW	
Sandalic Grocery & Gas (former)	Berrien	11000293	213	Closed	2/24/2013		X	\$460,000	\$418,224	RS	
Schuler's Auto Repair	Berrien	11000151	213	Closed	7/1/2012		X	\$295,000	\$339,306	RS	
Shell Station (former)	Berrien	11000390	213	Closed	4/1/2002	X		\$10,000	\$27,470	RS	
Sodus Hard Chrome Inc	Berrien	11000040	201	Cancelled	4/3/2013		X	\$150,000		RS	
Spencer Cleaners (former)	Berrien	11000065	213	Funding Hold		X		\$250,000	\$103,893	RS	Need investigation to define extent of contamination.
Sterling Express Ltd	Berrien	11000430	213	In Progress	9/30/2014		X	\$250,000	\$26,615	RS	Source removal, site restoration, and well abandonment.
Strefling Oil Co.	Berrien	11000382	213	PLP		X		\$10,000	\$11,614	RS	
Sunoco Station (former)	Berrien	11000388	213	Closed	4/1/2002	X		\$10,000	\$3,509	RS	
Tobias Tank Farm	Berrien	11000350	201	Closed	4/1/2002	X		\$350,000	\$163,095	RS	
Travel Inn	Berrien	11000043	201	Closed	3/1/2000	X	X	\$250,000	\$65,103	RS	
Truck Terminals	Berrien	11000427	201	Closed	4/8/2013		X	\$400,000	\$325,251	RS	
American Woodcraft Warehouse	Branch	12000087	201	PLP	7/1/2001	X	X	\$100,000		RS	
Arbogast Rd GW Contam	Branch	12000045	201	Closed	9/1/1997		X	\$10,000	\$31,713	AW	
Archer Lake Marina	Branch	12000063	213	PLP		X		\$100,000	\$95,090	RS	
Branan's Place	Branch	12000062	213	Closed	11/1/2003		X	\$200,000		RS	
Bronson Area Wells	Branch	12000006	201	Closed	4/8/2013		X	\$100,000		AW	
Bronson Area Wells	Branch	12000006	201	Closed	4/8/2013		X	\$0	\$1,885	RS	
Butler Motor Speedway	Branch	12000042	201	Closed	4/8/2013		X	\$600,000	\$462,774	RS	
Channel Stop	Branch	12000073	213	Closed	2/1/1999		X	\$350,000		RS	
Coldwater Reg. Mental Health Center	Branch	12000029	201	Closed	5/1/2004		X			RS	
Glenn Miller's Service Station	Branch	12000093	213	Closed	1/1/2001	X		\$48,000		RS	
Hawkens Furniture	Branch	12000009	201	Closed	7/1/2001	X		\$500,000		RS	
Holiday Harbor Marina	Branch	12000067	213	Closed	11/1/2003		X	\$100,000	\$69	RS	
J & L Market	Branch	12000050	213	PLP			X	\$250,000		RS	
K & H Tire and Alignment	Branch	12000060	213	PLP	10/1/2013		X	\$546,000	\$75,734	RS	
LA Darling Subarea	Branch	12000084	201	PLP	7/1/2004	X		\$0	\$117,203	RS	
LA Darling Subarea	Branch	12000084	201	PLP	7/1/2004	X		\$250,000		SF	
North Bronson Industrial Area	Branch	12000012	201	Complete	12/31/2013		X	\$6,000	\$6,277	AW	
Ridge Road	Branch	12000036	201	PLP	7/1/2001		X	\$158,000	\$44,596	AW	
Scott-Fetzer Plant #1	Branch	12000085	201	PLP	9/1/2013	X			\$838,609	RS	
Scott-Fetzer Plant #1	Branch	12000085	201	PLP	9/1/2013	X		\$500,000		SF	
Union City Diesel	Branch	12000070	213	Closed	9/1/2000		X	\$500,000		RS	
Union City GW Cont	Branch	12000011	201	Closed	1/1/1995		X	\$127,000	\$7,589	AW	
A.K. Zinn Property	Calhoun	13000361	201	Closed	4/1/2002	X		\$1,750,000	\$1,212,767	RS	
Albion Health Services	Calhoun	13000272	213	Closed	4/1/2002	X		\$5,000	\$444	RS	
American Woodcraft/Bennett Manufacturing	Calhoun	13000004	201	Closed	4/1/2004	X	X	\$100,000	\$600	RS	
Baker Oil-Dickman Road	Calhoun	13000060	213	Funding Hold		X		\$410,000	\$425,476	RS	Need investigation to determine risks from solvent and methyl tertiary butyl ether (MTBE) plumes.
Baker Oil-E. Michigan	Calhoun	13000270	213	Monitoring	12/31/2014	X		\$1,060,000	\$977,663	RS	

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SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Battle Creek Recycling	Calhoun	13000262	213	Closed	11/1/2000		X	\$125,000		RS	
Bedford Twp.	Calhoun	13000283	213	Cancelled	10/1/2007		X	\$250,000	\$1,898	RS	
Brooks Foundry	Calhoun	13000073	201	Funding Hold		X	X	\$200,000		AW	
Brooks Foundry	Calhoun	13000073	201	Funding Hold		X	X	\$900,000	\$1,790,165	RS	Need to cap southern portion of property and conduct additional investigation and long term groundwater monitoring.
Brownwood Well Field	Calhoun	13000058	213	Closed	2/1/1995		X	\$500,000	\$474,304	AW	
Captain Oil Change	Calhoun	13000362	201	Closed	5/1/2001	X		\$200,000	\$161,772	RS	
Cereal City LF	Calhoun	13000054	201	PLP	7/1/2001		X	\$149,800		AW	
Cereal City LF	Calhoun	13000054	201	PLP	7/1/2001		X	\$500,000		RS	
City of Battle Creek-W. Mich. Ave.	Calhoun	13000263	213	Cancelled	9/1/2013		X	\$250,000		RS	
Clark #767 (Marshall)	Calhoun	13000389	213	In Progress	7/1/2020		X	\$400,000	\$64,481	RS	Investigation to determine extent of contamination.
Clark #768 (Albion)	Calhoun	13000390	213	In Progress	7/1/2017		X	\$350,000	\$70,447	RS	Investigation to determine extent of contamination.
Clark Service Station #500	Calhoun	13000391	213	In Progress	7/1/2020		X	\$350,000	\$69,314	RS	Investigation to determine extent of contamination.
Creekview Rd GW Contam	Calhoun	13000015	201	PLP	8/1/2005		X	\$20,000	\$18,748	AW	
Dickman LF/Springfield Wells West of Helmer	Calhoun	13000040	201	Funding Hold			X	\$100,000	\$1,140,564	RS	Need water use survey and monitoring site conditions.
Duck Lake Abandoned Tank	Calhoun	13000251	213	Closed	10/1/1999		X	\$150,000		RS	
Duck Lake Party Store	Calhoun	13000245	213	Closed	4/3/2013		X	\$0	\$36	AW	
Duck Lake Party Store	Calhoun	13000245	213	Closed	4/3/2013		X	\$200,000	\$36,567	RS	
E Columbia Rd GW Contam	Calhoun	13000017	201	Closed	4/1/2002		X	\$600,000	\$65,168	RS	
Former Military Base Property	Calhoun	13000365	201	Closed	4/1/2002	X		\$150,000	\$95,423	RS	
Former Springfield Elementary School	Calhoun	13000370	201	Closed	3/1/2004	X		\$500,000	\$510,931	RS	
Fourth St Area Contam	Calhoun	13000019	201	PLP	5/1/2001		X	\$250,000		RS	
Global Paint & Ink Property	Calhoun	13000020	201	Closed	5/1/2001	X		\$500,000	\$57,164	RS	
H. B. Sherman	Calhoun	13000188	213	Funding Hold			X	\$300,000	\$69	RS	Need investigation to determine extent of contamination and risks.
Hardee's Restaurant (former)	Calhoun	13000374	213	Cancelled	4/3/2013	X		\$300,000		RS	
Helmer I-94 Inc	Calhoun	13000400	213	Monitoring	12/31/2014		X	\$600,000	\$351,445	RS	
Hooks Automotive	Calhoun	13000065	213	Closed	4/3/2013		X	\$200,000	\$102,645	RS	
K&M Salvage	Calhoun	13000366	201	Closed	4/1/2002	X		\$1,200,000	\$953,521	RS	
Korner Krossroads Party Store	Calhoun	13000247	213	In Progress	12/31/2015		X	\$0	\$13,875	AW	Drinking water well replacement.
Korner Krossroads Party Store	Calhoun	13000247	213	In Progress	12/31/2015		X	\$300,000	\$770	RS	Vapor intrusion investigation.
Logan's Gas & Deli	Calhoun	13000392	213	Monitoring	6/1/2015		X	\$700,000	\$394,326	RS	
Marshall Iron & Metal	Calhoun	13000274	201	Funding Hold			X	\$250,000	\$97,570	RS	Need to remove petroleum saturated soils and associated free phase fuel oil.
McLeieer Oil - 333 W. Mill St.	Calhoun	13000275	213	Closed	4/3/2013		X	\$125,000	\$257,270	RS	
McLeieer Oil Co.-4797 Capital	Calhoun	13000057	213	Monitoring	12/31/2014		X	\$500,000	\$348,328	RS	
McLeieer Oil/Elm Street	Calhoun	13000348	201	Closed	4/3/2013		X	\$450,000	\$1,113,344	RS	
Morgan Rd GW Contamination	Calhoun	13000186	201	Closed	8/1/2005		X	\$310,000	\$39,260	AW	
Morgan Rd GW Contamination	Calhoun	13000186	201	Closed	8/1/2005		X	\$150,000		RS	
Old Bellevue Rd GW Contam	Calhoun	13000033	201	Closed	1/1/1994		X	\$200,000		AW	
Old Bellevue Rd GW Contam	Calhoun	13000033	201	Closed	1/1/1994		X	\$100,000		RS	
Petco Albion-Scipio/Calhoun	Calhoun	13000354	201	Closed	6/1/2001		X	\$1,381,000	\$1,601,528	RS	
Pink Poodle Cleaners	Calhoun	13000055	201	Funding Hold			X	\$20,000	\$3,188	AW	

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**Appendix B: Report of the Environmental Cleanup and Redevelopment Program**  
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BASIC SITE INFORMATION								FUNDING INFORMATION		RESPONSE ACTIONS	
SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Pink Poodle Cleaners	Calhoun	13000055	201	Funding Hold			X	\$500,000		RS	Investigation needed to determine site conditions.
Raytrux, Inc.	Calhoun	13000376	213	Cancelled	4/9/2013		X	\$250,000	\$444	RS	
Res Well - 240 Willison	Calhoun	13000111	201	Closed	8/1/2005		X	\$81,000	\$10,566	AW	
Res Well Beadle Lake Rd	Calhoun	13000092	201	Closed	5/1/2001		X	\$157,000	\$101,548	AW	
Res Well Orchard Knoll	Calhoun	13000074	201	Closed	1/1/1994		X	\$100,000		RS	
Res Wells Tekonsha	Calhoun	13000052	201	Closed	7/1/2012		X	\$3,154,000	\$17,564	AW	
Res Wells Tekonsha	Calhoun	13000052	201	Closed	7/1/2012		X	\$2,150,000	\$829,649	RS	
Ronan & Kunzl	Calhoun	13000305	201	Complete	12/31/2013	X		\$1,075,000	\$896,610	RS	
Ronan & Kunzl Airport	Calhoun	13000306	201	Closed	4/1/2005	X		\$375,000	\$273,643	RS	
Shay Motors Property	Calhoun	13000037	201	Closed	4/3/2013	X		\$150,000	\$162,885	RS	
Springfield Wells Lafayette Area	Calhoun	13000039	201	Closed	4/1/1995		X	\$800,000		RS	
Stanley Corner Party Store	Calhoun	13000375	213	Closed	6/1/2012	X		\$10,000	\$23,727	RS	
Union Steel	Calhoun	13000062	213	Closed	11/1/2003	X		\$150,000	\$243,990	RS	
Union Steel Products Plant #1	Calhoun	13000320	201	Closed	4/1/2002	X		\$650,000	\$1,648,260	RS	
Verona Well Field	Calhoun	13000006	201	OM	12/1/2040		X	\$3,262,500	\$2,380,466	SF	
W. Dickman Road	Calhoun	13000363	201	Closed	5/1/2001	X		\$300,000	\$75,276	RS	
W. Michigan Ave. Adj. To BC Taxi	Calhoun	13000364	201	Closed	5/1/2001	X		\$150,000	\$44,092	RS	
West Urandale Area Wells	Calhoun	13000360	201	Closed	4/3/2013		X	\$84,000		AW	
West Urandale Area Wells	Calhoun	13000360	201	Closed	4/3/2013		X	\$0	\$20,944	RS	
Wilber GW Contamination	Calhoun	13000230	201	Closed	35735		X	\$5,000		AW	
Beeson Road Res Well	Cass	14000032	201	Cancelled	7/1/2001		X	\$3,000	\$298	AW	
BR 12 and US 12 Res Well Contam	Cass	14000026	201	Closed	4/1367		X	\$18,000	\$748	AW	
Cass St Area Edwardsburg	Cass	14000002	201	Complete	12/31/2013		X	\$2,663,000	\$3,467,615	RS	
Cassopolis East St Drum Site	Cass	14000020	201	Closed	9/1/1993		X	\$14,100		RS	
Dave's Repair	Cass	14000037	213	OM	1/1/2018		X	\$595,000	\$675,318	RS	
Dowagiac Landfill, City of	Cass	14000003	201	PLP	4/8/2013		X	\$27,000	\$52,834	AW	
Dowagiac Landfill, City of	Cass	14000003	201	PLP	4/8/2013		X		\$514,970	RS	
Henco Enterprises	Cass	14000031	201	Closed	4/16/2013		X	\$200,000	\$89,138	AW	
Henco Enterprises	Cass	14000031	201	Closed	4/16/2013		X	\$250,000	\$1,233,810	RS	
Herb's Auto Care	Cass	14000102	213	OM	1/1/2018		X	\$625,000	\$778,951	RS	
Indian Lake Mini Super	Cass	14000074	213	OM	12/1/2014		X	\$1,125,000	\$1,024,885	RS	
Porter Baptist Church	Cass	14000095	201	Closed	4/11/2013		X	\$120,000	\$129,199	RS	
Progressive Drive	Cass	14000096	201	Cancelled	12/1/2001	X		\$1,000,000	\$5,638	RS	
Rigg's Corner Store	Cass	14000077	213	Monitoring	12/1/2014		X	\$1,185,100	\$1,023,213	RS	
Service Mart 2, Union	Cass	14000053	213	PLP			X	\$250,000		RS	
Southwest Cass Co LF	Cass	14000015	201	Closed	7/1/2012		X	\$350,000	\$788,196	RS	
Spruce & Whitney	Cass	14000089	201	Closed	7/1/2001		X	\$80,000	\$128,432	AW	
Sundstrand	Cass	14000027	201	PLP	4/3/2013		X	\$712,800	\$798,857	RS	
U.S. Avix	Cass	14000017	201	Monitoring		X	X	\$1,043,000	\$1,962,862	SF	
Unocal 76, Edwardsburg (Energy Oil)	Cass	14000058	213	In Progress	4/1/2021		X	\$650,000	\$29,953	RS	Investigation to determine extent of contamination.
Arnold's Bait and Tackle	Charlevoix	15000133	213	Monitoring	12/30/2016		X	\$150,000	\$425,988	RS	
Arts Dry Cleaners Former	Charlevoix	15000002	201	Closed	8/1/1997		X	\$313,900	\$65,746	RS	
Boyne Falls Park	Charlevoix	15000021	213	PLP	5/1/1998		X	\$500,000	\$12,762	RS	
Charlevoix Chemical Co Former	Charlevoix	15000005	201	Closed	9/1/2003		X		\$35,916	RS	
Charlevoix Mun Well (PCE)	Charlevoix	15000009	201	Closed MO	10/1/2003		X	\$120,000		RS	
Charlevoix Mun Well (PCE)	Charlevoix	15000009	201	Closed MO	10/1/2003		X	\$920,000	\$425,086	SF	
Charlevoix Mun Well/PCE	Charlevoix	15000008	201	Monitoring			X				

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SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Clare's Country Corners	Charlevoix	15000134	213	In Progress	3/1/2018		X	\$150,000	\$30,710	RS	Investigation to determine extent of contamination.
DME Company	Charlevoix	15000010	201	In Progress	4/30/2019		X	\$300,000	\$59,407	RS	Investigation is in progress to determine the source of contamination causing high concentrations of vinyl chloride in the groundwater to discharge to a creek. Project is currently funded by SWQI.
Dockside Market	Charlevoix	15000022	213	Monitoring	9/30/2013		X	\$500,000	\$806,110	RS	
East Jordan Chemical Plant	Charlevoix	15000103	201	PLP	9/1/2013		X	\$400,000	\$17,500	RS	
East Jordan Laundromat	Charlevoix	15000055	201	Funding Hold			X	\$80,000	\$13	RS	Need to monitor to determine risk to Lake Charlevoix.
East Jordan Municipal Well	Charlevoix	15000052	201	Closed	10/1/1999		X			AW	
Former Boyne City Chemical	Charlevoix	15000096	201	Closed	1/1/2013		X	\$80,300	\$673,478	RS	
Former Leather Tannery	Charlevoix	15000015	201	Closed	10/1/1994		X	\$250,000		RS	
Harbor Industries, Inc.	Charlevoix	15000013	201	PLP	9/1/1999		X			RS	
Hookers Cleaners Former	Charlevoix	15000014	201	Closed	10/1/2007		X	\$370,000	\$324,969	RS	
J.J.'s General Store	Charlevoix	15000028	213	Monitoring	9/1/2017		X	\$255,000	\$301,989	RS	
Northern Oil (former)	Charlevoix	15000056	213	In Progress	9/30/2017		X	\$331,000	\$198,358	RS	Source removal and de-watering is in progress.
Riverside Park	Charlevoix	15000098	201	Closed	1/1/2013		X	\$250,000	\$125,183	RS	
Si's Marine (Former)	Charlevoix	15000106	213	Cancelled	11/1/2005	X		\$200,000		RS	
Walloon Lake Village, Melrose Twp	Charlevoix	15000017	213	Closed	3/1/1995		X	\$150,000	\$20,607	RS	
992 South Main	Cheboygan	16000073	201	PLP	41365		X	\$200,000	\$163,404	RS	
Arsenic Disposal Area (Onaway City of Dump Closed)	Cheboygan	16000005	201	Closed	1/1/2013		X	\$1,100,000	\$2,892	RS	
Center Tool & Machine	Cheboygan	16000001	201	Closed	3/28/2013		X	\$400,000	\$283,325	RS	
Cheboygan City Park/Sawdust Pile	Cheboygan	16000095	201	Closed	3/1/2013	X		\$1,500,000	\$1,383,622	RS	
Club Rd Property	Cheboygan	16000092	213	Monitoring	12/29/2017		X	\$310,000	\$600,042	RS	
Cook Corporation	Cheboygan	16000075	213	Monitoring	9/1/2018		X	\$780,000	\$774,772	RS	
Corner Store	Cheboygan	16000102	213	In Progress	10/1/2021	X		\$486,000	\$206,092	RS	Investigation will be conducted to determine risks.
Hostettler Office Supply	Cheboygan	16000118	213	Closed	9/27/2013		X	\$255,000	\$124,818	RS	
Lownsbury Salvage	Cheboygan	16000056	201	Closed	3/28/2013		X	\$300,000	\$508,542	RS	
Northwood Oil Company	Cheboygan	16000040	201	Closed	10/1/2003	X		\$750,000	\$550,299	RS	
Parkside General Store	Cheboygan	16000100	213	Closed	6/1/1999	X		\$20,000		RS	
Whitaker Asphalt & Paving	Cheboygan	16000043	213	Monitoring	5/30/2016	X		\$60,000	\$4,516	RS	
Zyco Oil Company	Cheboygan	16000094	201	Closed	37316	X	X	\$300,000	\$189,200	RS	
Abandoned Cistern	Chippewa	17000117	201	Closed	6/1/2001	X		\$50,000	\$101,114	RS	
Cannelton	Chippewa	17000001	201	Complete	12/31/2013		X	\$2,100,000	\$600,000	SF	
Cottage Park GW Contamination	Chippewa	17000036	201	Closed	3/1/1998		X			AW	
Dafter Abandoned Station	Chippewa	17000129	213	Closed	10/1/2001	X		\$5,000	\$13,933	RS	
Dafter General Store (former)	Chippewa	17000136	213	PLP	7/1/2012	X		\$36,000	\$660	RS	
David Jacobson Property	Chippewa	17000092	213	Cancelled	8/1/2005	X		\$5,000		RS	
Drummond Island Res Well	Chippewa	17000022	213	Closed	7/1/1999		X	\$120,000	\$5,787	AW	
Former 753 Radar Station Area	Chippewa	17000008	201	PLP	1/1/2001		X	\$731,000		AW	
Former 753 Radar Station Area	Chippewa	17000008	201	PLP	1/1/2001		X	\$250,000	\$8,422	RS	
Four Corners GW Contamination	Chippewa	17000023	201	PLP	2/1/2002		X	\$40,000		AW	
H & H General Store	Chippewa	17000098	213	Closed	7/1/2001		X	\$415,000	\$104,925	RS	
Kinross Mfg. Corp.	Chippewa	17000034	201	Closed	12/1/2003	X		\$500,000	\$862,141	RS	

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SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Lynn's Auto Parking Lot	Chippewa	17000046	213	Closed	1/1/2003		X	\$3,000	\$72,675	RS	
McMaster's	Chippewa	17000135	213	Closed	5/1/2000	X		\$7,500		RS	
Mr. Mug's Donut Shop	Chippewa	17000150	213	Closed	6/1/2012		X	\$360,000	\$173,409	RS	
Old Kincheloe Air Force Base	Chippewa	17000011	201	PLP	12/1/2000		X	\$350,000		AW	
Park Shell Service	Chippewa	17000132	213	OM	2/1/2014		X	\$665,000	\$1,820,556	RS	
Premium Oil Bulk Plant	Chippewa	17000126	201	Closed	7/1/2012		X	\$175,000	\$196,613	RS	
Russ' Self Serve	Chippewa	17000134	213	Closed	10/1/2001	X		\$60,000		RS	
Sault Ste Marie Disp Union Carb	Chippewa	17000013	201	PLP	12/1/2000		X	\$1,375,000		RS	
Silver Creek Bar	Chippewa	17000128	213	Closed	7/1/2000	X		\$5,000		RS	
Sugar Island Resort	Chippewa	17000130	213	Closed	9/1/2000	X		\$5,000		RS	
Tone Rd. Abandoned Station	Chippewa	17000131	213	Closed	9/1/2000	X		\$5,000		RS	
Twin City Riverview #2	Chippewa	17000133	213	PLP	7/1/2012		X	\$300,000		RS	
USA Mini Mart #311	Chippewa	17000083	213	PLP	7/1/2012		X	\$500,000		RS	
Agnes Gleason #1	Clare	18000070	201	Closed	7/1/2005	X	X	\$150,000	\$74,198	RS	
Bertha Lake Store	Clare	18000094	213	Closed	5/1/2001	X		\$9,000	\$10,072	RS	
Bill Lewis	Clare	18000100	213	Cancelled	7/1/2012		X	\$50,000		RS	
Clare Sanitary LF City of	Clare	18000007	201	PLP	7/1/2012		X	\$1,000	\$4,431	AW	
Clare Sanitary LF City of	Clare	18000007	201	PLP	7/1/2012		X	\$2,786,600	\$1,481,921	RS	
Eddie's Meredith Exchange	Clare	18000032	213	Closed	9/1/2003		X	\$50,000		AW	
Eddie's Meredith Exchange	Clare	18000032	213	Closed	9/1/2003		X	\$125,000	\$249,080	RS	
Frostbite	Clare	18000097	213	Closed	7/1/1999	X		\$5,000		RS	
GW Contamination Meredith	Clare	18000010	201	Closed	6/4/2013		X	\$3,000	\$756	AW	
Hub Oil Bulk Plant	Clare	18000069	213	Closed	7/1/2002		X	\$340,000	\$107,563	RS	
McKay's Party Store	Clare	18000098	213	Closed	6/1/1999	X		\$13,000		RS	
Mobil Clare #3	Clare	18000096	213	Closed	1/1/2000	X		\$9,000		RS	
North End Phillips 66	Clare	18000095	213	Closed	6/1/2000	X		\$13,000	\$2,667	RS	
Silver Lake Party Store	Clare	18000039	213	Closed	8/1/2002	X		\$297,000	\$114,852	RS	
Snowsnake Truck Stop	Clare	18000093	213	Closed	36526	X		\$267,000	\$83	RS	
The Depot	Clare	18000101	213	In Progress	12/30/2016		X	\$125,000	\$53,882	RS	Investigation to determine extent of contamination will be conducted.
Trahan Petroleum	Clare	18000089	201	PLP	2/1/2002		X	\$550,000		RS	
Ackels Car Care	Clinton	19000047	213	Monitoring	12/31/2014		X	\$455,000	\$503,724	RS	
Central Michigan Railway	Clinton	19000032	201	Closed	5/1/2001		X	\$1,330,000	\$306,728	RS	
Eugene Welding Aurora Refinery	Clinton	19000002	201	PLP	5/1/1998		X	\$2,850,000	\$11,243	RS	
Fargo, Inc.	Clinton	19000045	213	Closed	9/1/2012	X		\$175,000	\$403,529	RS	
Federal Mogul Corporation	Clinton	19000020	201	PLP	1/1/1999		X	\$30,000	\$3,812	RS	
NE Corner of Clinton Depot/RR Streets	Clinton	19000164	201	Closed	9/1/2004	X		\$50,000	\$140,703	RS	
R & S Investments	Clinton	19000091	213	PLP	9/1/2012		X	\$3,000	\$444	RS	
State Road Service	Clinton	19000106	213	In Progress	11/30/2019		X	\$485,000	\$431,508	RS	Investigation to define extent of soil and groundwater contamination is in progress.
Al Bennett Ford	Crawford	20000028	201	Closed	10/1/2007		X	\$3,000	\$414	AW	
B.L. US-27 & M-72 West	Crawford	20000086	213	Closed	2/1/2002		X	\$15,000	\$58,002	RS	
Bear Archery (former)	Crawford	20000073	201	Closed	6/25/2013		X	\$250,000	\$147,525	RS	
Frederic Twp GW Contamination	Crawford	20000004	201	Complete	12/31/2013		X		\$9,826	AW	
Frederic Twp GW Contamination	Crawford	20000004	201	Complete	12/31/2013		X	\$370,000	\$196,261	RS	
Moshier Sales & Service	Crawford	20000087	213	Closed	5/1/2000		X	\$15,000		RS	
Old Mill Property	Crawford	20000066	201	PLP	3/1/2002		X	\$100,000		RS	
Res Well Madsen Street	Crawford	20000029	201	Closed	3/1/2002		X	\$3,000	\$685	AW	
South Branch Twp M-18 Res Well	Crawford	20000009	213	Closed	7/1/1999		X			RS	

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Bait Shop	Delta	21000109	213	Cancelled	2/1/2001	X		\$10,000		RS	
Bark River Abandoned UST's	Delta	21000108	213	Cancelled	2/1/2001	X		\$5,000		RS	
Bark River Twp/Old US-2	Delta	21000026	201	Closed	3/1/2001		X			AW	
Chandler Abandoned Station	Delta	21000105	213	Cancelled	7/1/2000	X		\$5,000		RS	
Delta Chemical & Iron Co	Delta	21000087	201	Closed	9/1/2012		X	\$0	\$397	AW	
Delta Chemical & Iron Co	Delta	21000087	201	Closed	9/1/2012		X	\$950,000	\$1,756,274	RS	
Escanaba Schools Bus Garage #2	Delta	21000074	213	Cancelled	7/1/2010		X	\$150,000		RS	
Fmr Shell Oil Terminal, Escanaba	Delta	21000085	201	Closed	6/1/2002	X		\$250,000	\$415,935	RS	
Gladstone Creosote Discharge	Delta	21000110	201	OM	6/1/2036		X	\$270,000	\$173,340	RS	
Grain N' Grape	Delta	21000106	213	Closed	6/1/2012		X	\$300,000	\$1,776	RS	
Micheau Mobil (Tacoosh River)	Delta	21000103	213	Closed	9/1/2012		X	\$500,000	\$298,752	RS	
Perkins School	Delta	21000107	213	Cancelled	7/1/2000	X		\$5,000		RS	
Res Wells Rock	Delta	21000013	213	Closed	12/1/2000		X	\$120,000	\$4,271	AW	
Res Wells Rock	Delta	21000013	213	Closed	12/1/2000		X	\$680,000	\$8,925	RS	
Res Wells Vlg of Schaffer	Delta	21000014	213	Closed	6/1/2004		X		\$2,146	AW	
Res Wells Vlg of Schaffer	Delta	21000014	213	Closed	6/1/2004		X	\$190,000	\$66,540	RS	
Sodergren's Store	Delta	21000016	213	Closed	6/1/2004		X		\$1,488	AW	
Sodergren's Store	Delta	21000016	213	Closed	6/1/2004		X	\$100,000	\$207,466	RS	
South Ninth St Vlg of Wells	Delta	21000018	213	Closed	2/1/2002		X	\$648,300	\$6,869	AW	
South Ninth St Vlg of Wells	Delta	21000018	213	Closed	2/1/2002		X	\$300,000	\$9,291	RS	
Stenberg Bros., Inc.	Delta	21000114	213	Cancelled	6/1/2010		X	\$150,000		RS	
Channing Res Wells	Dickinson	22000036	201	Closed MO	4/1/2000		X	\$53,500	\$7,153	AW	
Gas Vapors--Easton Estates	Dickinson	22000046	201	PLP	8/1/2005		X	\$350,000	\$1,086,622	RS	
Groveland Mine	Dickinson	22000044	213	Closed	11/1/2003	X		\$10,000		RS	
916 S Main Street	Eaton	23000149	201	In Progress	9/30/2016		X	\$500,000	\$369,014	RS	Injections and groundwater monitoring are in progress. Project is currently funded by SWQI.
AE Hoover Property	Eaton	23000183	201	Closed	11/1/2003	X		\$150,000	\$1,045,621	RS	
Bay Petroleum Corp	Eaton	23000210	213	In Progress	10/1/2019		X	\$250,000	\$128,055	RS	Investigation to determine extent of contamination in progress.
Bob's Marathon	Eaton	23000034	213	Monitoring	4/1/2015		X	\$1,617,500	\$2,591,149	RS	
Burco Drive Residential Well	Eaton	23000177	201	Closed	10/1/1997		X	\$8,000		AW	
City of Olivet Well #3	Eaton	23000184	213	Cancelled	5/1/2001		X	\$150,000		AW	
City of Olivet Well #3	Eaton	23000191	213	PLP			X		\$42,244	AW	
City of Olivet Well #3	Eaton	23000191	213	PLP			X	\$250,000	\$444	RS	
Commercial Building	Eaton	23000193	213	Closed	2/1/2000	X		\$3,000		RS	
D & L Fuels	Eaton	23000051	213	In Progress	1/31/2019		X	\$500,000	\$140,853	RS	Investigation to define extent of soil and groundwater contamination in progress.
Five Star Pizza	Eaton	23000190	213	Closed	9/1/2012		X	\$500,000	\$136,273	RS	
Johnson Iron Industries	Eaton	23000007	201	Closed	5/1/2002	X	X	\$3,950,000	\$992,837	RS	
Keewenaw Pasty Shop	Eaton	23000073	213	Closed	12/1/2004		X	\$1,000,000	\$139,779	RS	
Parsons Chemical	Eaton	23000010	201	Complete	12/31/2013		X	\$0	\$2,352	AW	
Parsons Chemical	Eaton	23000010	201	Complete	12/31/2013		X	\$648,000	\$10,139	SF	
Res Well W Shepherd	Eaton	23000020	201	Closed	5/1/1998		X			AW	
South End Mobil	Eaton	23000189	213	In Progress	4/3/99	X		\$900,000	\$134,512	RS	Investigation in progress to delineate soil and groundwater contamination and determine exposure risks.
Bay Harbor	Emmet	24000060	201	PLP	1/1/2013		X	\$300,000	\$274,259	RS	
Beckon & Larks Lake Rd.	Emmet	24000080	213	Complete	10/1/2013	X		\$59,000	\$469,038	RS	

**Michigan Department of Environmental Quality**  
**Appendix B: Report of the Environmental Cleanup and Redevelopment Program**  
**Remediation and Redevelopment Division**  
**Fiscal Year 2013**

BASIC SITE INFORMATION								FUNDING INFORMATION		RESPONSE ACTIONS	
SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Farmers Petroleum Coop. Petoskey	Emmet	24000027	213	OM	10/3/2022		X	\$750,000	\$1,589,972	RS	
Former Petoskey Petrolane	Emmet	24000029	201	Monitoring	12/31/2015	X	X	\$5,567,200	\$3,919,901	RS	
Hughston Road Res Wells	Emmet	24000047	201	Closed	10/1/1999		X	\$230,000	\$15,336	AW	
Lewis & Rose Streets	Emmet	24000076	201	Closed	3/1/2002	X		\$50,000	\$102,177	RS	
Petoskey Manufacturing Inc	Emmet	24000011	201	Monitoring	3/31/2043		X	\$500,000	\$260,850	AW	
Petoskey Manufacturing Inc	Emmet	24000011	201	Monitoring	3/31/2043		X	\$60,000		RS	
Petoskey Manufacturing Inc	Emmet	24000011	201	Monitoring	3/31/2043		X	\$1,060,000	\$154,479	SF	
1303 N Saginaw	Genesee	25000353	201	Cancelled	6/1/2001	X		\$250,000		RS	
1527 Industrial	Genesee	25000367	201	Closed	3/1/2002	X		\$125,000	\$25,888	RS	
Action Auto #2	Genesee	25000002	213	Closed	9/1/2012		X	\$250,000	\$192,147	RS	
Action Auto Stores, Inc. #10	Genesee	25000299	213	Monitoring	9/30/2014	X		\$365,000	\$441,352	RS	
Action Auto-101 E. Flint	Genesee	25000357	213	Closed	9/1/1999	X		\$10,000		RS	
Action Auto-514 W. Atherton	Genesee	25000297	213	Closed	9/1/1999	X		\$10,000		RS	
Al Bennett Ford	Genesee	25000362	213	Closed	9/1/1999	X		\$10,000		RS	
Al's Furniture Clinic	Genesee	25000044	201	Complete	12/31/2013		X	\$900,000	\$268,970	RS	
Ann Arbor St & Cedar Street	Genesee	25000349	201	Closed	2/1/2000	X		\$120,000	\$3,499	RS	
Bionic Starter and Alternator	Genesee	25000612	213	PLP			X	\$250,000		RS	
Central Distributing	Genesee	25000339	213	Monitoring	6/30/2014	X		\$975,000	\$836,783	RS	
City of Flint Fire Department	Genesee	25000269	213	Monitoring	9/30/2014	X		\$875,000	\$289,564	RS	
City of Flint Fire Department - 12th St Garage	Genesee	25000092	213	PLP			X	\$925,000		RS	
Dye Road Dump	Genesee	25000008	201	Closed	1/1/2001	X	X	\$150,000	\$246,435	RS	
Fedchenko Site (former)	Genesee	25000424	213	PLP			X	\$100,000		RS	
Fisherman's Landing	Genesee	25000427	213	Monitoring	12/31/2014		X	\$705,000	\$903,818	RS	
Flint Water Department Service Center	Genesee	25000425	213	Funding Hold			X	\$300,000		RS	Need investigation to define extent of contamination, if liable party does not conduct work.
Forest Waste Products	Genesee	25000009	201	PLP	1/1/1998		X			SF	
Grand Blanc Amoco	Genesee	25000449	213	PLP			X	\$125,000		RS	
Hall Heating	Genesee	25000394	213	Closed	5/1/2000	X		\$10,000		RS	
Hall Street/Aldrich Park	Genesee	25000350	201	Closed	9/1/2005	X		\$100,000	\$157,292	RS	
Independent Oil (former)	Genesee	25000383	213	PLP			X	\$550,000		RS	
J & J Services	Genesee	25000256	213	Closed	9/1/2012		X	\$643,000	\$296,699	RS	
Odyssey House	Genesee	25000520	213	In Progress	9/30/2016		X	\$175,000	\$57,680	RS	Remove fluids from underground storage tanks and initial site assessment.
Pro Met Plating	Genesee	25000300	201	Closed	9/1/2012		X		\$440,054	RS	
Richfield Rd Area GW Contam	Genesee	25000043	201	Funding Hold			X	\$810,000		RS	Need to install new monitoring wells and conduct semi-annual sampling.
Spartan Express	Genesee	25000101	213	Monitoring	12/31/2014	X		\$410,000	\$137,027	RS	
Sunshine Food Store #115	Genesee	25000517	213	Closed	7/1/2001	X		\$110,000		RS	
Sunshine Foods #119	Genesee	25000514	213	Monitoring	9/30/2015		X	\$565,000	\$643,228	RS	
Taber's Oil Company	Genesee	25000386	213	In Progress	9/30/2016		X	\$175,000	\$46,183	RS	Remove fluids from underground storage tanks and initial site assessment.
Thrall Oil	Genesee	25000023	201	Closed	10/1/2004	X		\$300,000	\$277,831	RS	
United Cleaners	Genesee	25000529	213	In Progress	12/31/2017		X	\$350,000	\$72,902	RS	Investigation to determine extent of soil and groundwater contamination and free petroleum product will be conducted.

**Michigan Department of Environmental Quality**  
**Appendix B: Report of the Environmental Cleanup and Redevelopment Program**  
**Remediation and Redevelopment Division**  
**Fiscal Year 2013**

BASIC SITE INFORMATION								FUNDING INFORMATION		RESPONSE ACTIONS	
SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Vacant Lot E Stewart	Genesee	25000354	201	Cancelled	6/1/2001	X		\$20,000		RS	
Vienna Road Alleyway	Genesee	25000385	213	PLP			X	\$325,000	\$307,977	RS	
W Boulevard Drive Dump	Genesee	25000359	201	Closed	10/1/2002	X		\$50,000	\$49,729	RS	
Watkins & Himelhoch Inc	Genesee	25000699	213	In Progress	12/31/2015		X	\$475,000	\$200,909	RS	Investigation to determine extent of contamination.
A and H Racing	Gladwin	26000060	213	Funding Hold			X	\$150,000	\$81,196	RS	Need to monitor to verify effectiveness of response actions.
Ackett's Country Corners	Gladwin	26000014	213	Complete	12/31/2013	X		\$621,000	\$967,329	RS	
Bentley Sludge Pit	Gladwin	26000066	201	Complete	12/31/2013		X	\$150,000	\$117,615	RS	
Bondale Dickens	Gladwin	26000072	213	Closed	6/4/2013		X	\$315,000	\$30,684	RS	
Buckeye Oil Field	Gladwin	26000025	201	Funding Hold			X		\$85,001	AW	
Buckeye Oil Field	Gladwin	26000025	201	Funding Hold			X	\$4,879,889	\$8,584,342	RS	Need to complete soil remediation on adjacent property.
Buckeye Sludge Pit	Gladwin	26000070	201	Complete	12/31/2013		X	\$150,000	\$63,740	RS	
Elm Street Spill	Gladwin	26000019	201	Closed	3/1/2002		X	\$25,000		RS	
Gazey & Aleck Station	Gladwin	26000068	213	Closed	6/4/2013	X		\$495,000	\$699,452	RS	
Gladwin Bulk Oil Plant State St	Gladwin	26000005	201	Closed	7/1/2012		X	\$675,000	\$1,496,282	RS	
Margaret Cearbaugh	Gladwin	26000042	213	Closed	2/1/2012		X	\$150,000	\$404,196	RS	
Sportsmans Landing	Gladwin	26000067	213	Closed	6/4/2013		X	\$175,000	\$95,672	RS	
Super Mart, Inc.	Gladwin	26000050	213	Closed	2/1/2000	X		\$9,000		RS	
William & Mickey Riley	Gladwin	26000031	213	Closed	5/1/2001	X		\$50,000		RS	
Winegar's Trading Post	Gladwin	26000061	213	In Progress	12/31/2015		X	\$930,000	\$463,414	RS	Investigation to define extent of contamination in progress.
Cormier's Service	Gogebic	27000060	213	Closed	7/1/2001	X		\$10,000	\$10,005	RS	
Dunbar's Service Station	Gogebic	27000058	213	Cancelled	2/1/2005	X		\$60,000		RS	
4 Corners Finch Scamehorn UN 76 (Former Finch's Amoco)	Grand Traverse	28000101	213	OM	9/29/2017		X	\$3,700,000	\$1,642,521	RS	
Amoco Service Station #7358	Grand Traverse	28000081	213	PLP	8/1/2001		X			AW	
Ave E Groundwater Contamination	Grand Traverse	28000006	201	PLP	4/1/2000		X		\$1,406	RS	
Carl's Retreading	Grand Traverse	28000206	201	Complete	12/31/2013		X	\$900,000	\$3,282,603	RS	
Champaign Norton & Woods 1-20A	Grand Traverse	28000212	201	Complete	12/31/2013		X	\$150,000	\$55,717	RS	
Cone Drive TEXTRON	Grand Traverse	28000057	201	PLP	4/1/2000		X		\$29,447	RS	
Evans Wallpaper & Paint	Grand Traverse	28000228	213	Closed	10/1/2012		X	\$820,000	\$988,578	RS	
Forest Lane GW Contamination	Grand Traverse	28000062	201	Closed	9/1/1997		X	\$600,000	\$960	AW	
Forest Lane GW Contamination	Grand Traverse	28000062	201	Closed	9/1/1997		X	\$450,000	\$50,949	RS	
GJ's Party Store	Grand Traverse	28000236	213	Closed	5/1/2012		X	\$160,000	\$38,181	RS	
Grand Traverse Union 76	Grand Traverse	28000177	213	PLP	10/1/2012		X	\$500,000	\$189,731	RS	
Hoefflin Service Station	Grand Traverse	28000093	213	Closed	2/1/2012		X	\$220,000	\$404,934	RS	
Holiday Road Res Well	Grand Traverse	28000097	201	Closed MO	12/1/2000		X	\$10,000		AW	
Karlin Grocery	Grand Traverse	28000091	213	PLP	9/1/2013		X	\$100,000		RS	
Mayfield Store	Grand Traverse	28000225	213	Closed	41183		X		\$326,190	RS	
Molly's Bye Golly	Grand Traverse	28000346	213	Cancelled	2/1/2012		X	\$300,000		RS	
Oakgrove Campground	Grand Traverse	28000226	213	Cancelled	10/1/2004	X		\$36,000		RS	
OTC Oil	Grand Traverse	28000200	213	Closed	6/1/2012		X	\$350,000	\$250,130	RS	
Park Street Redevelopment Area	Grand Traverse	28000211	201	Cancelled	10/1/2012	X		\$100,000		RS	
Pine Grove Subdivision	Grand Traverse	28000045	201	PLP	12/1/1997		X	\$50,000	\$3,647	RS	
Scamehorn Shell	Grand Traverse	28000090	213	PLP	10/1/2012		X	\$100,000	\$60,558	RS	
Stop N Shop	Grand Traverse	28000241	213	OM	4/1/2015		X	\$195,000	\$170,533	RS	
Universal Car Wash II	Grand Traverse	28000233	213	OM	12/31/2014		X	\$385,000	\$361,985	RS	
Vanderlip Rd Dump	Grand Traverse	28000066	201	Closed	6/1/1992		X			RS	

**Michigan Department of Environmental Quality**  
**Appendix B: Report of the Environmental Cleanup and Redevelopment Program**  
**Remediation and Redevelopment Division**  
**Fiscal Year 2013**

BASIC SITE INFORMATION								FUNDING INFORMATION		RESPONSE ACTIONS	
SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Venture Investments	Grand Traverse	28000148	213	Closed	4/10/2013		X	\$335,000	\$196,503	RS	
Vlack Hardware (former)	Grand Traverse	28000345	213	Complete	12/31/2013		X	\$50,000	\$4,932	RS	
Woodland Shop and Go #175	Grand Traverse	28000235	213	Closed	4/10/2013		X	\$320,000	\$353,335	RS	
Woodmere Barrels	Grand Traverse	28000210	201	Closed	10/1/2003	X	X	\$250,000	\$382,512	RS	
Alma Iron Metal Smith Property	Gratiot	29000002	201	Funding Hold			X	\$2,085,000	\$1,812,343	RS	Need to conduct monitoring of site conditions.
Alma Products/Area GW Contam	Gratiot	29000044	201	PLP	1/1/1999		X	\$422,000	\$11,108	RS	
Alma Sugar Beet Facility, Ely & Grover	Gratiot	29000110	201	Complete	12/31/2013	X		\$200,000	\$754,061	RS	
Aurora II/Kellogg Farm	Gratiot	29000049	201	Closed	1/1/1998		X	\$500,000	\$106,828	RS	
Corner of North & Mill	Gratiot	29000111	201	Closed	5/1/2002	X		\$20,000	\$167,180	RS	
Detroit Mobile Home	Gratiot	29000118	201	Closed	11/1/2005	X		\$600,000	\$460,300	RS	
Gratiot County Landfill	Gratiot	29000046	201	OM			X		\$18,579	AW	
Gratiot County Landfill	Gratiot	29000046	201	OM			X	\$2,901,000	\$3,282,121	SF	
Gratiot Metals Property	Gratiot	29000006	201	OM	7/18/2036	X	X	\$4,349,000	\$1,450,775	RS	
KD's Country Store	Gratiot	29000065	213	Closed	9/1/2012		X	\$330,000	\$32,231	RS	
Larry Wymer	Gratiot	29000121	213	Closed	8/1/1997		X	\$100,000		RS	
MDNR-301 N. Mill	Gratiot	29000139	213	Cancelled	9/1/2012	X		\$15,000	\$444	RS	
Pat's Service	Gratiot	29000067	213	Closed	8/23/2013		X	\$400,000	\$83,999	RS	
Pine R Downstream of St Louis	Gratiot	29000007	201	PLP			X	\$4,800,000	\$9,972,927	SF	
Pine River Auto Sales	Gratiot	29000084	213	Cancelled	9/1/2013	X		\$300,000		RS	
State of Michigan Riverdale	Gratiot	29000060	201	Closed	2/1/1998		X	\$200,000		RS	
Summer Area GW Contam	Gratiot	29000061	213	Closed	7/1/1999		X	\$5,000		AW	
Total Equipment Service	Gratiot	29000127	213	Cancelled	12/1/2001		X	\$10,000	\$69	RS	
Velsicol Chemical Corporation	Gratiot	29000070	201	In Progress			X	\$5,000,000	\$9,453,425	SF	Investigation of the plant site/reservoir shoreline to be conducted. Soil removal will be conducted in residential areas. Project is currently funded by SWQI.
Williams Garage	Gratiot	29000138	213	Closed	6/5/2013	X		\$10,000	\$138,018	RS	
Wilson's Grocery	Gratiot	29000123	213	In Progress	8/31/2015		X	\$520,000	\$205,378	RS	Site assessment and vapor intrusion screening.
Zellinger Property	Gratiot	29000119	201	Complete	41639	X		\$250,000	\$588,864	RS	
Bob Polkow Oiling Service	Hillsdale	30000018	213	Closed	8/1/2005		X	\$12,000	\$273	AW	
Bob Polkow Oiling Service	Hillsdale	30000018	213	Closed	8/1/2005		X	\$176,000	\$828,248	RS	
Bud's Sharpening Service	Hillsdale	30000065	213	Closed	12/1/1999	X		\$3,000		RS	
C-Mart	Hillsdale	30000204	213	Closed	4/1/2000	X		\$10,000		RS	
Davis Oil	Hillsdale	30000076	201	Complete	12/31/2013		X	\$60,000	\$67,596	RS	
Dick's Place- Richard Hartmann	Hillsdale	30000064	213	Closed	12/1/1999	X		\$10,000		RS	
Don's Super Service	Hillsdale	30000184	213	Closed	2/1/2001		X	\$15,000		RS	
Former Union 76	Hillsdale	30000290	213	Monitoring	3/1/2014		X	\$850,000	\$245,343	RS	
Frontier Discount Foods	Hillsdale	30000203	213	Closed	5/1/2001		X	\$15,000		RS	
General Oil Albion-Scipio Field	Hillsdale	30000200	201	Closed	2/1/2003		X	\$1,600,000	\$1,528,658	RS	
Gene's Shell Service	Hillsdale	30000208	213	Closed	2/1/2000	X		\$10,000		RS	
Haischer Oil	Hillsdale	30000110	201	PLP	7/1/2005		X	\$60,000		RS	
Heinz Oil Company	Hillsdale	30000111	201	Funding Hold			X	\$100,000	\$63,502	RS	Need additional soil removal.
Hillsdale Car Wash	Hillsdale	30000206	213	Closed	1/1/2002		X	\$15,000	\$63,391	RS	
Hillsdale Iron and Metal	Hillsdale	30000042	201	Closed	12/1/2001		X		\$757,708	RS	
Hillsdale/Beacon Place	Hillsdale	30000066	213	Closed	36586	X		\$10,000		RS	
Jack's Cracker Barrel	Hillsdale	30000211	213	Closed	12/1/1999	X		\$10,000		RS	
Jacob's Property	Hillsdale	30000063	213	Closed	11/1/2004		X	\$100,000	\$141,364	RS	
Jerome Country Market	Hillsdale	30000194	213	Closed	3/1/2002		X	\$60,000	\$126,222	RS	

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BASIC SITE INFORMATION								FUNDING INFORMATION		RESPONSE ACTIONS	
SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Jonesville Garbage Service	Hillsdale	30000062	213	Closed	1/1/2002	X		\$10,000	\$46,679	RS	
Jonesville Vlg Old Dump	Hillsdale	30000010	201	PLP	6/1/2002		X	\$700,000		RS	
K & K Korner Store	Hillsdale	30000209	213	Closed	4/1/2003	X		\$10,000	\$28,402	RS	
Lakeshore Marine	Hillsdale	30000284	213	Closed	6/1/2000	X		\$10,000		RS	
Lonnie's 76	Hillsdale	30000210	213	Closed	11/1/2002	X		\$10,000	\$157,373	RS	
Mosherville Area Oil Pit Dump	Hillsdale	30000016	201	Closed	7/1/1993		X	\$825,000	\$17,537	RS	
North Adams Convenience Store	Hillsdale	30000205	213	Monitoring	10/1/2013		X	\$470,000	\$73,542	RS	
Oakhaven Party Store	Hillsdale	30000026	213	Closed	11/1/2004		X	\$30,000	\$146,501	RS	
Penland Oil	Hillsdale	30000147	201	Complete	12/31/2013		X	\$80,000		RS	
Roger Lewis Farm	Hillsdale	30000283	213	Closed	12/1/1999	X		\$10,000		RS	
Roost Oil Co.	Hillsdale	30000207	213	Closed	12/1/1999	X		\$10,000		RS	
Somerset Twp Dump Barrel Dump	Hillsdale	30000023	201	Closed	7/1/1993		X	\$100,000		RS	
Stanley J Crow Jr.	Hillsdale	30000202	213	Closed	5/1/2001		X	\$15,000		RS	
Warner Oil (Jonesville Glass Works)	Hillsdale	30000285	213	Closed	2/1/2002		X	\$50,000	\$4,069	RS	
Watkins Oil	Hillsdale	30000037	213	Closed	7/1/1999		X			RS	
Wickens Oil	Hillsdale	30000155	201	Complete	12/31/2013		X	\$80,000		RS	
Chassell Township - Former Industrial Site	Houghton	31000049	201	Closed	6/1/2004	X		\$20,000		RS	
Dollar Bay GW Contam	Houghton	31000040	201	Cancelled	12/1/1997		X	\$150,000		AW	
Florida Gas	Houghton	31000023	201	Funding Hold			X	\$750,000	\$2,804,404	RS	Need to remove source at plant site and in lower wetland.
Hoppy's Bar	Houghton	31000061	213	Cancelled	10/1/2012		X	\$3,000		RS	
Keweenaw Co-op	Houghton	31000057	213	Cancelled	2/1/2005		X	\$3,000		RS	
Leona Sleep	Houghton	31000059	213	Cancelled	5/1/2000	X		\$5,000	\$2,907	RS	
Range Oil and Gas	Houghton	31000009	201	Closed	5/1/1994		X	\$300,000		RS	
Res Wells Phillipsville	Houghton	31000006	201	Closed	12/1/1997		X	\$217,000	\$193,995	AW	
Rippa Lumber	Houghton	31000058	213	Cancelled	2/1/2001	X		\$5,000		RS	
Tamarack City Stamp Mill	Houghton	31000056	201	Closed	10/1/2012		X	\$200,000	\$30,576	RS	
Torch Lake	Houghton	31000003	201	In Progress	12/1/2036		X	\$900,000	\$1,923,261	SF	State maintaining cover, supplementing U.S. EPA investigation, and conducting lake monitoring. Project is currently funded by SWQI.
Viola Heikkinen	Houghton	31000060	213	Cancelled	11/1/1999	X		\$5,000		RS	
Al's Market	Huron	32000097	213	Closed	7/1/2012	X		\$359,000	\$174,859	RS	
Dunk's Garage	Huron	32000034	213	Monitoring	7/31/2014		X	\$1,120,000	\$852,085	RS	
Edward Guerne	Huron	32000094	213	Closed	1/1/2000	X		\$7,000		RS	
Engelhardt Bulk Storage (E.B.S.)	Huron	32000024	201	PLP	6/1/2004		X		\$9,510	RS	
Engelhardt Petroleum, Inc.	Huron	32000002	213	In Progress	9/2/2018		X	\$550,000	\$237,031	RS	Delineation of soil contamination and conduct vapor intrusion investigation.
Haskell & Spalding Brine Well	Huron	32000109	201	Closed	2/1/1999		X	\$500,000	\$189,554	RS	
Huron Laundry & Cleaners	Huron	32000096	213	Closed	12/1/1999	X		\$7,000		RS	
Louisville Garage	Huron	32000091	213	Closed	4/1/2000	X		\$9,000		RS	
Mouch's Auto Sales & Service	Huron	32000095	213	In Progress	8/31/2015	X		\$257,000	\$43,082	RS	Vapor intrusion study and delineation of contamination .
Muffler Man	Huron	32000092	213	Closed	6/1/1999	X		\$9,000	\$491	RS	
Pinnebog Elevator	Huron	32000087	201	Closed	6/1/2004	X		\$75,000	\$58,033	RS	
Port Austin PCE Plume	Huron	32000084	201	Closed MO	3/1/2001		X	\$10,000	\$11,457	AW	
Port Austin PCE Plume	Huron	32000084	201	Closed MO	3/1/2001		X	\$25,000		RS	
Port Austin Shell	Huron	32000063	213	Monitoring	3/31/2015		X	\$1,240,000	\$831,333	RS	
Verona Grocery	Huron	32000093	213	Closed	5/1/2000	X		\$11,000		RS	

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900 E. Main St.	Ingham	33000598	213	Closed	5/1/2000	X		\$3,000		RS	
Action Auto #21	Ingham	33000479	213	Closed	10/1/2001	X		\$20,000	\$444	RS	
Action Auto #23	Ingham	33000599	213	Monitoring	9/30/2015	X		\$1,365,000	\$675,604	RS	
Action Auto #28	Ingham	33000597	213	PLP	9/1/2012	X		\$130,000	\$2,804	RS	
Action Auto #31	Ingham	33000552	213	PLP	9/1/2013		X	\$50,000	\$204,705	RS	
Action Auto (Ed Corr)	Ingham	33000596	213	PLP	9/1/2013	X		\$225,000		RS	
Action Auto Store #30	Ingham	33000104	213	In Progress	10/30/2020		X	\$250,000	\$162,121	RS	Hydrogeological investigation in progress.
Adams Plating	Ingham	33000001	201	Monitoring	9/30/2023		X	\$375,000	\$9,298	SF	
Americhem Corporation	Ingham	33000492	201	OM	12/1/2038		X	\$3,570,000	\$4,574,694	RS	
Barrels Inc.	Ingham	33000004	201	PLP	1/1/1999		X	\$1,050,000	\$345	RS	
Bay Gas Station, 3306 N. East St.	Ingham	33000473	213	In Progress	9/30/2021		X	\$325,000	\$113,036	RS	Investigation to determine extent of contamination in progress.
Bay Petroleum, S. MLK	Ingham	33000509	213	PLP	4/15/18		X	\$250,000		RS	
Bay Petroleum, W. Willow	Ingham	33000154	213	PLP	4/15/18		X	\$250,000		RS	
Benda's Gas Station (former)	Ingham	33000554	213	PLP	10/1/2006	X		\$125,000		RS	
Campus Marathon	Ingham	33000592	213	PLP	9/1/2013		X	\$125,000		RS	
Caravan Auto Center	Ingham	33000593	213	Closed	6/1/2001	X		\$100,000		RS	
Citgo #7	Ingham	33000466	213	PLP	9/1/2013		X	\$250,000		RS	
Clark Station #1995	Ingham	33000474	213	In Progress	2/28/2019		X	\$325,000	\$145,472	RS	Hydrogeological investigation in progress.
Downtown Service	Ingham	33000591	213	Closed	9/1/1999	X		\$3,000		RS	
Drake's Market Plus	Ingham	33000589	213	Closed	5/1/2003	X		\$100,000	\$199,348	RS	
E. Grand River Ave. ROW	Ingham	33000594	213	Closed	9/1/2007		X	\$300,000	\$259,911	RS	
Eisele Property	Ingham	33000595	213	Closed	9/1/2012	X		\$5,000	\$444	RS	
Former Clark #531	Ingham	33000603	213	Monitoring	12/30/2016		X	\$1,260,000	\$968,496	RS	
Foster St Aband Plating Area	Ingham	33000016	201	Closed	10/1/2004		X	\$800,000	\$255,471	RS	
Fresh-Up Car Wash	Ingham	33000604	213	In Progress	4/1/2019		X	\$1,440,000	\$188,683	RS	Building demolition, source removal, and site restoration.
Friedland Iron and Metal	Ingham	33000017	201	Cancelled	5/8/2013		X	\$350,000		RS	
Kings Auto Property	Ingham	33000216	201	Closed	10/1/2004	X	X	\$50,000	\$198,613	RS	
Lansing Center Expansion	Ingham	33000431	201	Closed	5/1/2002	X		\$50,000	\$30,599	RS	
Lansing, Aurelius Road Landfill	Ingham	33000026	201	PLP	1/1/1999		X	\$100,000		RS	
Laundry and Dry Cleaning Village	Ingham	33000531	201	Closed	10/1/2004		X	\$350,000	\$311,113	RS	
Lindell Drop Forge	Ingham	33000080	201	PLP	3/1/1999		X	\$1,000,000	\$164,752	RS	
Mid-States Petroleum	Ingham	33000601	213	Closed	6/1/1999	X		\$3,000		RS	
Miller Oil Company	Ingham	33000612	213	In Progress	9/30/2019		X	\$815,000	\$418,784	RS	Source removal and application of chemical oxidizer in progress.
Mobil Oil, Richard TE #1	Ingham	33000528	201	Complete	12/31/2013		X	\$100,000	\$53,158	RS	
Monitoring Wells/ERD	Ingham	33009999	201	Closed	9/1/2005		X	\$1,000,000	\$496,661	RS	
Motor Wheel Disposal Site	Ingham	33000033	201	PLP	12/1/1997		X			SF	
Mun Wells City of Lansing	Ingham	33000095	201	Closed	5/1/2002		X	\$221,700	\$173,549	AW	
Mun Wells City of Lansing	Ingham	33000095	201	Closed	5/1/2002		X		\$791	RS	
Super Stop #9	Ingham	33000553	213	PLP			X	\$280,000	\$69	RS	
Webberville Oil	Ingham	33000561	213	Cancelled	5/8/2013		X	\$100,000	\$137,253	RS	
Country Packing	onia	34000127	213	Closed	3/1/2000	X		\$10,000		RS	
Craig Harder	onia	34000123	213	Closed	4/1/2001	X		\$10,000	\$431	RS	
Gene Carr	onia	34000128	213	In Progress	9/30/2014		X	\$600,000	\$526,710	RS	Vapor intrusion study and free petroleum product recovery in progress.
Goss Corners	onia	34000125	213	Closed	5/1/2012		X	\$10,000	\$16,559	RS	

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H&K Sales	lonia	34000106	201	Closed	2/1/1998		X			SF	
Haight's Garage	lonia	34000129	213	Funding Hold			X	\$75,000	\$69	RS	Need investigation to determine extent of groundwater/surface water interface and source contamination.
Haynor Road Res Well	lonia	34000034	201	Closed	4/1/2002		X	\$2,500	\$1,675	AW	
Johnson & Kiddsville Rd SE Corner	lonia	34000018	201	Closed	8/1/1992		X	\$100,000		RS	
Justice Junction	lonia	34000122	213	Monitoring	12/30/2015		X	\$172,500	\$263,708	RS	
Lake Odessa Water Works Bldg	lonia	34000124	213	Closed	12/1/2002		X	\$500,000	\$78,306	RS	
Pearlene Woodbury	lonia	34000126	213	Closed	3/1/2003	X		\$40,000	\$114,168	RS	
Whites Bridge Rd Area	lonia	34000017	201	Monitoring	9/30/2015		X	\$0	\$16,565	AW	
Whites Bridge Rd Area	lonia	34000017	201	Monitoring	9/30/2015		X	\$2,020,000	\$1,667,917	RS	
Barbier Oil Bulk Plant	losco	35000098	213	Closed	7/1/2012	X		\$213,000	\$415,913	RS	
Bublitz Oil	losco	35000027	213	Monitoring	7/1/2016	X		\$768,000	\$591,751	RS	
Bublitz Oil - East Tawas Marathon	losco	35000124	213	Cancelled	7/1/2012		X	\$300,000		RS	
Bublitz Oil - Tawas City	losco	35000117	213	Cancelled	7/1/2012		X	\$300,000		RS	
Darrel's Maxi Muffler	losco	35000041	213	Cancelled	7/1/2012		X	\$750,000		RS	
DNR - RED - Whittemore (Tax Reverted)	losco	35000109	213	Monitoring	9/30/2016		X	\$1,420,000	\$767,938	RS	
E.A. Woods	losco	35000119	201	Closed	7/1/2012		X	\$350,000	\$2,400	RS	
Fairway Surplus	losco	35000097	201	Closed	9/1/2007		X	\$1,000,000	\$144,987	RS	
Graham Oil Co.	losco	35000115	213	Closed	2/1/2002	X		\$7,000	\$32,071	RS	
Graham Oil Co. Bulk Plant	losco	35000112	213	Funding Hold		X		\$405,000	\$34,212	RS	Need investigation of extent of contamination and soil excavation.
Hedblum Industries	losco	35000002	201	PLP	9/1/2008		X	\$20,000		AW	
Jerry's Marina, Inc.	losco	35000090	213	Closed	7/1/2001	X		\$10,000		RS	
Lansky's Amoco	losco	35000082	213	Closed	11/1/2005		X	\$30,000	\$109,788	RS	
Multi-County Landfill	losco	35000024	201	Closed	3/1/2002		X	\$725,000	\$13,504	RS	
NMC Shop-n-Go #286	losco	35000030	213	Closed	3/1/2001	X		\$30,000		RS	
Oscoda Manufacturing	losco	35000012	201	Closed	3/1/2001		X	\$850,000	\$431,177	RS	
PCE Plume East Tawas	losco	35000096	201	Closed	5/25/2013		X	\$300,000	\$3,946	RS	
Rainbow Shell	losco	35000076	213	Closed	11/1/2005		X	\$30,000	\$90,338	RS	
Res Wells Bachman Rd	losco	35000005	201	In Progress	7/1/2017		X	\$1,795,000	\$5,003,965	RS	Groundwater and soil gas monitoring in progress. Project is currently funded by SWQI.
Sand Lake Party and Sport	losco	35000092	213	Closed	9/1/2007		X	\$20,000	\$16,930	AW	
Sand Lake Party and Sport	losco	35000092	213	Closed	9/1/2007		X	\$500,000	\$194,056	RS	
Tawas Tool	losco	35000026	201	Closed	5/28/2013		X	\$5,000	\$907	AW	
Wurtsmith AFB	losco	35000058	201	In Progress	42643		X	\$500,000		AW	
Wurtsmith AFB	losco	35000058	201	In Progress	42643		X	\$3,750,000	\$697,126	SF	Investigation and oversight of liable party actions in progress.
Buck Mine Discharge	Iron	36000009	201	OM	9/1/2038		X	\$270,000	\$3,677,849	RS	
Carlson's Service	Iron	36000034	213	Closed	3/1/2000	X		\$5,000		RS	
Crystal Bait	Iron	36000035	213	Closed	9/1/2012	X		\$5,000	\$27,377	RS	
Forest Park School District	Iron	36000042	213	Closed	4/8/2013		X	\$250,000	\$89,969	RS	
Iron River (Dober Mine)	Iron	36000006	201	PLP	5/1/2000		X	\$50,000	\$66,241	RS	
Firstbank-Winn Branch	Isabella	37000018	213	Monitoring	9/30/2020		X	\$1,390,000	\$449,003	RS	
Jourdain Oil Field (9684 Russell Road)	Isabella	37000136	201	Complete	12/31/2013		X	\$60,000	\$99,944	RS	
Mt. Pleasant Auto Electric	Isabella	37000065	213	Closed	9/1/2001	X		\$210,000	\$59,728	RS	
Sandel's Service Inc.	Isabella	37000070	213	Closed	8/1/2001		X	\$250,000	\$69,943	RS	
The Trading Post	Isabella	37000135	213	Closed	12/1/1999	X		\$7,000		RS	
Tri County Electric	Isabella	37000001	213	PLP	9/1/2013		X	\$350,000		RS	

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Vernon Oil Field	Isabella	37000127	201	Funding Hold			X		\$7,733	AW	Replacing drinking water wells as needed.
Vernon Oil Field	Isabella	37000127	201	Funding Hold			X	\$300,000	\$105,194	RS	
1010 W. Ganson	Jackson	38000363	213	Closed	2/1/2000		X	\$25,000		RS	
145 Truck Stop	Jackson	38000119	213	Closed	3/1/2005		X	\$350,000	\$76,097	RS	
Albion-Scipio/Jackson County	Jackson	38000334	201	Closed	6/1/2001		X	\$1,500,000	\$1,975,180	RS	
B & B Mobil	Jackson	38000360	213	PLP	11/1/2004		X	\$550,000		RS	
Clark #501	Jackson	38000386	213	Funding Hold			X	\$500,000		RS	Need to remove free petroleum product and conduct investigation of soil and groundwater contamination.
Clark Hardware	Jackson	38000051	213	Closed	9/1/2002		X	\$10,000	\$105,441	RS	
Cole's Corner Party Store	Jackson	38000358	213	Closed	12/1/1999		X	\$100,000		RS	
Country Store	Jackson	38000152	213	Closed	5/1/2002		X	\$10,000	\$61,756	RS	
Dawn Donuts	Jackson	38000388	213	PLP			X	\$250,000		RS	
Deluxe Motor Stages	Jackson	38000367	213	Closed	4/1/2001	X		\$10,000	\$650	RS	
Dowley Manufacturing	Jackson	38000006	201	PLP	3/1/2001		X	\$10,000	\$888	AW	
Downtown Parma Wells	Jackson	38000318	201	Funding Hold			X	\$1,150,000	\$1,595,825	AW	
Downtown Parma Wells	Jackson	38000318	201	Funding Hold			X	\$381,000	\$498,444	RS	Need to investigate extent of contamination.
Exxon Petroleum	Jackson	38000373	201	Complete	12/31/2013		X	\$150,000	\$170,590	RS	
Falcon St. Area GW Contamination	Jackson	38000142	201	Complete	12/31/2013		X	\$1,350,000	\$751	AW	
Former Gulf Station	Jackson	38000397	213	Complete	12/31/2013		X	\$100,000	\$138,164	RS	
Former Mobil Oil	Jackson	38000362	213	Closed	6/1/2002	X		\$10,000	\$166,820	RS	
Freer's 76 Service	Jackson	38000364	213	Closed	11/1/2004		X	\$50,000	\$206,264	RS	
Frogtown Area Wells	Jackson	38000308	201	Closed MO	5/1/2000		X	\$500,000	\$287,791	AW	
Gail's Pizza	Jackson	38000365	213	Closed	12/1/1999	X		\$10,000		RS	
Gawlak Auto Service	Jackson	38000359	213	Closed	12/1/1999		X	\$25,000		RS	
George's Auto Center	Jackson	38000371	213	Closed	9/1/2002		X	\$250,000	\$56,377	RS	
Goodwill Industries	Jackson	38000178	213	Closed	9/1/2000		X	\$10,000		RS	
Grand River Cap Project	Jackson	38000343	201	Closed	3/1/2001		X	\$1,100,000	\$1,100,000	RS	
Griff's Party Store	Jackson	38000370	213	Closed	8/1/2005		X	\$250,000	\$183,866	RS	
Harvard Industries	Jackson	38000082	201	PLP	6/1/2002		X	\$100,000		AW	
Hitches & More	Jackson	38000368	213	Closed	2/1/2001		X	\$25,000		RS	
Horton Company	Jackson	38000372	201	PLP	9/1/2013		X	\$500,000		RS	
Howards Radiator	Jackson	38000044	201	Closed	7/1/1993		X	\$50,000		RS	
Jackson Co LF No 1	Jackson	38000014	201	PLP	7/1/2004		X	\$600,000		RS	
Jackson County Crippled Children	Jackson	38000070	213	Closed	8/1/2000		X	\$10,000		RS	
Jackson Drop Forge	Jackson	38000266	201	Funding Hold		X		\$850,000	\$1,169,913	RS	Need to assess debris and soil contamination in floodplain.
Jackson Wells	Jackson	38000018	201	Closed	3/1/1996		X	\$500,000		AW	
JACO Plating	Jackson	38000331	201	Closed	8/1/2008	X		\$350,000	\$350,242	RS	
John Crowley	Jackson	38000072	213	Cancelled	11/1/2004		X	\$10,000		RS	
MacCready Realty	Jackson	38000022	201	Closed	3/1/1999		X	\$500,000		RS	
Marathon Station	Jackson	38000094	213	Closed	1/1/2000		X	\$100,000		RS	
Motor State Oil & Grease (MSOG)	Jackson	38000316	201	Complete	41639		X	\$150,000	\$57,598	RS	
Nottawaseppee Road GW Contam	Jackson	38000145	213	Closed	7/1/1999		X	\$1,700,000	\$1,655,085	AW	
Nottawaseppee Road GW Contam	Jackson	38000145	213	Closed	7/1/1999		X	\$150,000		RS	
Page Ave Contam	Jackson	38000150	201	Funding Hold			X		\$1,623	AW	Need to identify risks associated with soil and groundwater contamination.
Pat's Service	Jackson	38000361	213	Closed	8/1/2000	X		\$10,000		RS	

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Pine Hill Lake Marina	Jackson	38000350	213	Closed	9/1/2000	X		\$10,000		RS	
Pittsburg Forge	Jackson	38000335	201	Funding Hold		X		\$1,000,000	\$934,697	RS	Need to assess threat of free petroleum product to Grand River.
Pittsburgh Forgings Co.	Jackson	38000305	213	Cancelled	5/1/2004		X	\$10,000		RS	
Pulaski Grocery	Jackson	38000366	213	Closed	2/1/2002	X		\$10,000	\$33,915	RS	
Robert V. Lefere	Jackson	38000369	213	Closed	4/1/2000	X		\$10,000		RS	
Ryerson-Haynes	Jackson	38000045	201	Complete	12/31/2013		X	\$300,000	\$70,252	RS	
Smith Petroleum Henry W. Zaremba et al #A-1	Jackson	38000196	201	Closed	2/1/2002		X	\$100,000	\$99,890	RS	
Spring Arbor Wash & Dry	Jackson	38000030	201	In Progress			X	\$0	\$596,491	AW	
Spring Arbor Wash & Dry	Jackson	38000030	201	In Progress			X	\$1,550,000	\$351,485	RS	Source removal to be conducted. Project is currently funded by SWQI.
Star Recyclers	Jackson	38000345	201	Closed	3/1/2001	X		\$350,000		RS	
State Prison of Southern Mich.	Jackson	38000017	201	PLP	2/1/1999		X	\$50,000	\$1,007	AW	
Tomasik Grocery	Jackson	38000291	213	Closed	6/1/2000	X		\$10,000		RS	
Universal Vise and Tool	Jackson	38000326	201	Funding Hold			X	\$400,000	\$385,527	RS	Need to investigate extent of contamination.
Vandy Party Store	Jackson	38000191	213	Closed	10/1/2002		X	\$608,800		RS	
Wendover GW Contamination	Jackson	38000189	201	Closed	2/1/1998		X	\$4,300		AW	
West Jackson GW Contamination	Jackson	38000229	201	Funding Hold			X	\$920,500	\$1,598,909	AW	
West Jackson GW Contamination	Jackson	38000229	201	Funding Hold			X	\$10,000	\$194,049	RS	Need an investigation and source control actions.
Woodring's Service	Jackson	38000161	213	Closed	2/1/2001		X	\$10,000		RS	
442-450 W. North St 708-728 N. Westnedge	Kalamazoo	39000448	201	Closed	6/1/2001	X		\$33,000	\$50,145	RS	
Alamo General Store	Kalamazoo	39000394	213	Closed	9/1/2012		X	\$585,000	\$719,006	RS	
Beach Products	Kalamazoo	39000482	213	Funding Hold			X	\$150,000		RS	Need soil and groundwater investigation.
Bud's Auto Repair	Kalamazoo	39000176	213	In Progress	12/31/2014		X	\$510,000	\$159,682	RS	Conduct investigation and design and oversight of soil removal.
Charles Service (former)	Kalamazoo	39000390	213	Closed	4/8/2013		X	\$160,000	\$103,847	RS	
CLLP/KPLP	Kalamazoo	39000213	213	PLP	11/1/2004		X	\$250,000		RS	
Cordall Industries	Kalamazoo	39000086	201	Closed	7/1/2001		X	\$80,000	\$3,730	RS	
Crown Vantage	Kalamazoo	39000070	201	PLP	4/3/2013	X		\$200,000	\$4,048	RS	
D Ave Alamo Twp	Kalamazoo	39000011	213	Cancelled	8/1/2005		X	\$29,500	\$6,652	AW	
Day's Union 76	Kalamazoo	39000470	213	Closed	8/1/2003	X		\$260,000	\$152,733	RS	
Don Neal's Banquet Center	Kalamazoo	39000468	213	Closed	4/9/2013	X		\$3,000	\$258,427	RS	
Downtown Tomorrow	Kalamazoo	39000467	213	Closed	11/1/2002	X		\$3,000	\$70,651	RS	
Drake Rd & W MI Ave	Kalamazoo	39000001	201	PLP	5/1/2002		X	\$600,000		RS	
East D Ave., Richland	Kalamazoo	39000375	201	Closed	5/1/2001		X	\$4,000	\$444	AW	
Eaton Transmission	Kalamazoo	39000429	201	PLP	5/1/2004	X		\$3,000,000	\$1,417,825	RS	
Fairfield Ave Area Portage	Kalamazoo	39000012	201	Closed	9/1/2000		X	\$50,000		RS	
First of America	Kalamazoo	39000404	213	Closed	8/1/2003	X		\$163,000	\$64,665	RS	
Former Consumers Energy	Kalamazoo	39000427	201	PLP	5/1/2002	X		\$100,000	\$72,170	RS	
Former Gas Station	Kalamazoo	39000026	213	In Progress	7/31/2014		X	\$450,000		RS	Investigation to determine direct contact and vapor intrusion risks, if liable party does not do work.
Fulton Sunoco	Kalamazoo	39000398	213	Closed	4/8/2013		X	\$410,000	\$1,376,607	RS	
Gull Lake Market	Kalamazoo	39000015	213	Closed	3/25/2013		X	\$13,000	\$6,060	AW	
Gull Lake Market	Kalamazoo	39000015	213	Closed	3/25/2013		X	\$400,000		RS	

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SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
J & K Furniture Store	Kalamazoo	39000457	213	Closed	6/1/2004	X		\$3,000	\$60,230	RS	
Kalamazoo Mun Wells Cntrl No 1	Kalamazoo	39000019	201	PLP	5/1/2001		X	\$500,000	\$167,673	AW	
Kartar #6	Kalamazoo	39000458	213	Closed	9/1/2007	X		\$10,000	\$164,479	RS	
Kayo Oil Co.	Kalamazoo	39000464	213	Closed	12/1/2001		X	\$140,000	\$35,813	RS	
KL Avenue Landfill	Kalamazoo	39000017	201	PLP			X	\$100,000	\$85,961	AW	
KL Avenue Landfill	Kalamazoo	39000017	201	PLP			X		\$207,287	SF	
Lakeside Refining	Kalamazoo	39000023	201	Closed	5/3/2013		X	\$7,370,000	\$8,724,182	RS	
Lee Mastenbrook	Kalamazoo	39000462	213	Closed	12/1/2001	X		\$10,000	\$60,625	RS	
Liberty Gas	Kalamazoo	39000459	213	Closed	3/25/2013	X		\$80,000	\$842,897	RS	
Liya Seydoum	Kalamazoo	39000461	213	Closed	8/1/2001	X		\$72,000		RS	
McDonald's Crosstown Service	Kalamazoo	39000469	213	OM	10/1/2038		X	\$780,000	\$1,194,521	RS	
McLeieer Oil Co.-1718 E. Mich.	Kalamazoo	39000248	213	Closed	4/9/2013		X	\$525,000	\$767,603	RS	
Micro Machine	Kalamazoo	39000466	213	Closed	5/1/2003		X	\$150,000	\$103,417	RS	
ML Avenue, Oshtemo	Kalamazoo	39000364	201	Closed	4/3/2013		X	\$2,000	\$1,395	AW	
Moore's Milwood Service	Kalamazoo	39000460	213	Closed	5/3/2013		X	\$323,500	\$253,386	RS	
Nolichucky Industrial Corp	Kalamazoo	39000450	201	Funding Hold			X	\$1,150,000	\$1,402,638	RS	Need to dispose of petroleum contaminated soil.
North 34th St Area Richland	Kalamazoo	39000030	201	In Progress	12/31/2035		X	\$9,900,000	\$7,673,138	RS	Groundwater extraction system is in operation. Project is currently funded by SWQI.
Oakland Dr & Katie Ct	Kalamazoo	39000033	201	Closed	5/1/2001		X	\$4,000	\$2,458	AW	
Ohio & Van Hoesen	Kalamazoo	39000368	201	Closed MO	5/1/2001		X	\$280,000	\$5,470	AW	
Panelyte	Kalamazoo	39000080	201	PLP	4/3/2013	X	X	\$2,380,000	\$1,552,314	RS	
Performance Paper	Kalamazoo	39000140	201	PLP	10/28/2016	X		\$3,100,000	\$4,030,152	RS	
Portage & Stanley	Kalamazoo	39000311	201	Closed	5/1/2001		X	\$3,000	\$1,554	AW	
Portage City LF (Crockett)	Kalamazoo	39000084	201	Closed	4/3/2013		X	\$30,500	\$29,802	AW	
Portage Creek/Kalamazoo River	Kalamazoo	39000051	201	In Progress			X	\$7,034,000	\$19,227,219	SF	Oversight of liable party and U.S. EPA actions in progress.
Portage Mun Well Pershing No 2	Kalamazoo	39000034	201	Closed	10/1/1995		X	\$200,000		AW	
Portage Mun Well Pershing No 2	Kalamazoo	39000034	201	Closed	10/1/1995		X	\$70,000	\$16	RS	
Q Ave Crooked Lake	Kalamazoo	39000257	201	Closed	4/3/2013		X	\$25,000	\$768	AW	
Raitt Corp.	Kalamazoo	39000251	213	Closed	4/1/2002		X	\$300,000		RS	
Res Well Lakeridge Rd	Kalamazoo	39000038	201	Closed	5/1/2001		X			AW	
Ro-Dad's Total (Foster & Sons)	Kalamazoo	39000172	213	Closed	11/1/2004		X	\$250,000	\$158,078	RS	
Romence and Westnedge	Kalamazoo	39000098	201	Closed	5/1/2001		X	\$21,000		AW	
Savage Rowe Plating Co	Kalamazoo	39000043	201	Closed	9/1/1996		X	\$595,000	\$7	RS	
Schoolcraft Area Organics Contam	Kalamazoo	39000052	201	In Progress	12/31/2013		X	\$12,700,000	\$14,498,764	RS	Remove treatment system and building.
SER Plating	Kalamazoo	39000056	201	Closed	5/1/2001	X		\$33,000	\$26,258	RS	
Sherry Cady	Kalamazoo	39000463	213	Closed	3/25/2013		X	\$250,000	\$247,428	RS	
Singrey's Auto Clinic	Kalamazoo	39000449	213	Closed	6/1/2004	X		\$270,000	\$117,038	RS	
Site Oil Company	Kalamazoo	39000403	213	Closed	9/1/2007	X		\$3,000	\$117,128	RS	
South Austin Lake	Kalamazoo	39000312	201	Cancelled	5/1/2002		X			AW	
Spereflex	Kalamazoo	39000068	201	Funding Hold			X	\$3,500,000	\$2,687,062	RS	Investigation needed to identify source of contamination.
Spruce St Vicksburg	Kalamazoo	39000062	201	Closed	10/1/1993		X	\$186,500		RS	
The Booze Barn	Kalamazoo	39000465	213	Cancelled	10/1/2007	X		\$200,000		RS	
Titus Construction (former)	Kalamazoo	39000371	213	Closed	11/1/2001		X	\$200,000		RS	
Travis Street, Cooper Twp	Kalamazoo	39000066	201	Closed	4/3/2013		X	\$109,000	\$1,325	AW	
Vicksburg DPW	Kalamazoo	39000211	213	PLP	11/1/2004		X	\$200,000		RS	

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SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
W Ave & 42nd St, Wakeshma	Kalamazoo	39000027	201	Closed	4/3/2013		X		\$3,196	AW	
W Michigan Ave & 6th St	Kalamazoo	39000048	201	PLP	4/3/2013		X	\$3,950,000	\$2,842,625	RS	
Warner Transport	Kalamazoo	39000497	213	PLP	4/30/2013		X	\$200,000	\$4,458	RS	
Waste Oil Storage Crosstown Pkwy	Kalamazoo	39000049	201	Closed	7/1/1997		X	\$2,050,000	\$280,503	RS	
Winwood Street	Kalamazoo	39000171	201	Closed	5/1/2001		X	\$45,300	\$5,760	AW	
Yoko Health Spa	Kalamazoo	39000386	213	Closed	39326	X		\$3,000	\$103,178	RS	
Zip & Go	Kalamazoo	39000342	213	Closed	41358		X	\$250,000	\$98,518	RS	
Alken Ziegler Inc	Kalkaska	40000001	201	PLP	10/1/1999		X			AW	
Bay Oil Bulk Plant	Kalkaska	40000052	201	Closed	10/1/2012		X	\$300,000	\$125,274	RS	
Davis Country Corners	Kalkaska	40000073	213	Monitoring	12/1/2015		X	\$825,000	\$453,137	RS	
GW Contam N. Birch	Kalkaska	40000060	201	Closed	3/1/1999		X	\$6,000	\$676	AW	
GW Contam N. Cunningham Road	Kalkaska	40000048	201	Closed	12/1/1999		X	\$5,000	\$619	AW	
GW Contam N. Cunningham Road	Kalkaska	40000048	201	Closed	12/1/1999		X	\$0	\$7	RS	
Kalkaska Res Wells City Of	Kalkaska	40000026	201	PLP	4/1/1999		X	\$185,000		AW	
Kalkaska Res Wells City Of	Kalkaska	40000026	201	PLP	4/1/1999		X	\$800,000	(\$10,353)	RS	
Maple St Res Well	Kalkaska	40000040	201	Closed	4/1/1999		X	\$575,000	\$34,555	RS	
Rapid City Gas	Kalkaska	40000071	213	Closed	12/1/2002	X		\$25,000	\$69	RS	
Saco & Sons	Kalkaska	40000074	213	PLP	10/1/2012		X	\$300,000		RS	
Starvation Lake General Store	Kalkaska	40000072	213	Complete	4/1/2014		X	\$450,000	\$710,250	RS	
State Blue Lake 1-4	Kalkaska	40000063	201	Monitoring			X	\$185,000	\$100,799	RS	
Taffletown Tavern	Kalkaska	40000062	213	Complete	12/31/2013		X	\$265,000	\$204,087	RS	
68th St. and Division Area	Kent	41000684	201	Closed	12/1/1999		X	\$181,500	(\$12,657)	AW	
Able Finishing Former	Kent	41000001	201	Closed	4/1/2001	X		\$100,000	\$99,288	RS	
Action Auto, Lowell	Kent	41000406	213	Closed	7/1/1999		X	\$300,000		RS	
American Laundry (former)	Kent	41000228	201	Closed	6/1/2012	X		\$1,000,000	\$1,968,359	RS	
Approved Industrial Removal	Kent	41000004	201	Funding Hold			X	\$10,000	\$157,592	RS	Need to conduct monitoring.
Archie's Party Store	Kent	41000981	213	Closed	7/1/2001	X		\$10,000		RS	
Barnaby Corp	Kent	41000540	213	Closed	7/1/2001	X		\$10,000	\$69	RS	
Belmont Grocery	Kent	41000984	213	Closed	6/1/2006		X	\$150,000	\$204,500	RS	
Berkey St Area	Kent	41000210	201	Closed	5/1/2012		X	\$2,000,000	\$665,212	RS	
Bissel Inc.	Kent	41000370	201	PLP	6/1/2012		X		\$1,466	RS	
Burlingame Partnership-2741 Burlingame	Kent	41000986	213	Closed	9/1/2007		X	\$55,500	\$97,195	RS	
Burlingame Partnership-2743 Burlingame	Kent	41000965	213	Closed	4/1/2002		X	\$55,500	\$69	RS	
Butterworth #2 Landfill	Kent	41000008	201	Complete	12/31/2013		X	\$500,000	\$502,764	SF	
Cedar Springs WWTP	Kent	41000010	201	PLP	9/1/2003		X	\$8,100	\$4,680	AW	
Chem Central	Kent	41000011	201	PLP	2/1/1998		X			SF	
Clark Store #476	Kent	41000908	213	Closed	5/1/2012		X	\$100,000	\$32,225	RS	
Conrail Yards Area	Kent	41000013	201	Closed	4/1/2001		X	\$1,000,000	\$122,137	RS	
Container Waste Inc.	Kent	41000932	201	Closed	6/1/2002	X		\$200,000	\$256,660	RS	
Croff Salvage Yard	Kent	41000072	201	Closed	5/1/2012		X	\$11,400	\$602	AW	
Croff Salvage Yard	Kent	41000072	201	Closed	5/1/2012		X	\$250,000	\$81,733	RS	
Dan Liquidation, Inc.	Kent	41000631	213	Closed	10/1/2000	X		\$5,000	\$69	RS	
Dry Run Party Store	Kent	41000971	213	Closed	3/1/2000		X	\$30,000		RS	
Dura Plating Corp	Kent	41000114	201	Funding Hold			X	\$1,250,000	\$151,191	RS	Need to conduct monitoring.
Dutton Mill Properties	Kent	41000865	213	Monitoring	9/30/2014		X	\$250,000	\$28,662	RS	
Dwar Oil Co.	Kent	41000977	213	Complete	12/31/2013		X	\$100,000	\$277,489	RS	
Eastern Avenue Mobil Service	Kent	41000481	213	PLP	5/1/2012		X	\$250,000		RS	
Fennema Trenching Inc.	Kent	41000330	213	Monitoring	12/31/2016		X	\$1,150,000	\$234,111	RS	

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Fenske Farm	Kent	41000974	213	Closed	9/1/2000	X		\$10,000		RS	
Former Autostyle Plastics, Inc	Kent	41000113	201	Monitoring	9/30/2015		X	\$1,080,000	\$1,909,381	RS	
Former Clark #1481	Kent	41000846	213	Monitoring	12/15/2014		X	\$250,000	\$31,410	RS	
Former Clark-305 Franklin	Kent	41000510	213	Closed	1/1/2002	X		\$30,000	\$69	RS	
Franklin Metal Trading Corp (CEMSI)	Kent	41000069	201	Closed	7/1/2012		X	\$673,000	\$366,126	RS	
Frost Inc.	Kent	41000979	213	Closed	10/1/2000	X		\$5,000	\$69	RS	
Grand Mobile Estates	Kent	41000814	201	Closed	12/1/1999		X	\$93,000	\$105,002	AW	
Grandville Dump	Kent	41000029	201	Closed	12/1/1997		X	\$347,000		RS	
Grattan Service	Kent	41000978	213	Closed	10/1/2006		X	\$100,000	\$131,078	RS	
Gray's Maintenance	Kent	41000931	201	Closed	4/1/2002	X		\$100,000	\$182,654	RS	
Great Northern Packaging	Kent	41000096	213	Closed	6/1/2012		X	\$200,000	\$41,491	RS	
H. Brown Company, Inc.	Kent	41000031	201	PLP	12/1/1997		X	\$1,500,000		SF	
H. Fenske - S. Blair #1	Kent	41000338	201	Closed	2/1/2002		X	\$300,000		RS	
Harvard Area GW Contamination	Kent	41000034	201	In progress	12/31/2013		X	\$19,500	\$2,585	AW	Drinking water wells will be replaced.
Harvard Area GW Contamination	Kent	41000034	201	In progress	12/31/2013		X	\$100,000	\$323,562	RS	Investigation to determine remaining risks will be conducted. Need investigation to determine if additional actions are needed.
Hoff Industries	Kent	41000202	201	Funding Hold			X	\$150,000	\$49,870	RS	
Huck's Corners	Kent	41000759	213	Closed	4/1/2012		X	\$365,000	\$83,643	RS	
Kent City Res Well	Kent	41000058	201	Closed	9/1/2007		X	\$6,300	\$19,550	AW	
Kessler Property	Kent	41000169	201	Closed	6/1/2002	X		\$100,000	\$264,196	RS	
Kilts Property/112 State St.	Kent	41000967	213	Closed	10/1/2006		X	\$250,000	\$439,906	RS	
Kountry Korner	Kent	41000970	213	Complete	12/31/2013		X	\$570,000	\$905,151	RS	
Michigan St--Twin Lake Area	Kent	41000875	201	PLP	4/1/2012		X	\$150,000	\$35,342	AW	
Millennium Park Oil Well	Kent	41000992	201	Complete	12/31/2013		X	\$500,000	\$499,963	RS	
MSI #635	Kent	41000664	213	Funding Hold			X	\$250,000		RS	Investigation to determine extent of contamination will be conducted.
MSI #649	Kent	41000083	213	Closed	7/1/1999		X	\$500,000		RS	
North Kent LF	Kent	41000047	201	PLP	9/1/2003		X	\$6,500	\$3,249	AW	
Northeast Gravel Co.	Kent	41000048	201	Closed	2/1/2000		X	\$500,000		RS	
O & M Sports & Tire Inc.	Kent	41000966	213	Closed	5/1/2012		X	\$200,000	\$49,739	RS	
Organic Chemicals, Inc.	Kent	41000051	201	PLP			X		\$25,184	SF	
Plainfield Twp Wells	Kent	41000052	201	Closed	7/1/2000		X	\$1,101,000		AW	
Plainfield Twp Wells	Kent	41000052	201	Closed	7/1/2000		X	\$1,249,900		SF	
Reliable Equipment Corp	Kent	41000053	201	Funding Hold			X		\$9,876	RS	Need soil remedy for lead.
Res Wells Sand Lake	Kent	41000057	201	Closed	10/1/1997		X	\$2,000,000	\$52,727	RS	
Riverview, N Park, Hubbard St Area	Kent	41000323	213	In Progress	9/30/2018		X	\$2,000,000	\$276,690	RS	Investigation to determine vapor intrusion risks.
Robinson Bulk Plant (former)	Kent	41000130	213	Complete	12/31/2013		X	\$550,000	\$431,649	RS	
Rockford Market	Kent	41000969	213	Monitoring	12/31/2015		X	\$1,175,000	\$369,133	RS	
Smiths Industries	Kent	41000043	201	PLP			X	\$225,000		RS	
Sparta Foundry (Federal Mogul)	Kent	41000935	201	In Progress	6/30/2015		X	\$3,200,000	\$182,654	RS	Soil removal in progress. Project is currently funded by SWQI.
Spartan Chemical Co.	Kent	41000119	201	In Progress			X	\$500,000	\$1,165,522	SF	Providing state match for U.S. EPA construction of soil vapor extraction and groundwater treatment systems. Project is currently funded by SWQI.
State Disposal Corp LF	Kent	41000062	201	Funding Hold			X			RS	Monitoring wells need to be installed to determine effectiveness of remedial actions.

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SXT Inc.	Kent	41000980	213	Closed	2/1/2005		X	\$100,000	\$184,785	RS	
Third Base Inc.	Kent	41000964	213	Cancelled	4/1/2012		X	\$270,000		RS	
Uncle Lee's Trading Post	Kent	41000140	213	Closed	8/14/2013		X	\$420,000	\$675,279	RS	
Walker Area GW Contam	Kent	41000388	201	Closed	12/1/1999		X	\$4,000		AW	
Walker Oil Field	Kent	41001024	201	Funding Hold			X	\$250,000	\$4,235	RS	Need to delineate numerous plumes and develop strategy to address.
Water Supply Wells 76th and Div.	Kent	41000065	201	Closed	6/1/1993		X	\$250,000		RS	
Gay Stampsands	Keweenaw	42000013	201	Closed	10/1/2012		X	\$500,000	\$70,578	RS	
Village of Ahmeek - Hazardous Buildings	Keweenaw	42000011	201	Closed	6/1/2004	X		\$30,000	\$195,083	RS	
Austin Tube Co	Lake	43000001	201	PLP	10/1/1999		X	\$800,000	\$1,057	RS	
Bass Lake Store	Lake	43000020	213	Monitoring	4/1/2014		X	\$400,000	\$246,297	RS	
Broadway Street Right-of-Way	Lake	43000029	213	Closed	9/1/2005	X		\$36,000	\$7,185	RS	
Chase General Store	Lake	43000050	213	Closed	4/10/2013		X	\$175,000	\$266,923	RS	
Hurley's Lodge	Lake	43000048	213	Monitoring	9/1/2014		X	\$100,000	\$920	RS	
Idlewild Gas Station (former)	Lake	43000045	213	Closed	9/1/2005	X		\$60,000	\$6,061	RS	
Ivan's Canoe Rental	Lake	43000014	201	PLP	10/1/2003		X	\$300,000	\$0	RS	
Res Well Riverbend Lane	Lake	43000013	201	Closed	4/1/1991		X	\$5,000		AW	
Sauble Lake Emporium	Lake	43000046	213	Closed	6/1/2001	X		\$10,000		RS	
Wash King Laundry	Lake	43000007	201	OM	9/30/2032		X	\$0	\$385	AW	
Wash King Laundry	Lake	43000007	201	OM	9/30/2032		X	\$800,000	\$713,492	SF	
400 & 410 E. Third	Lapeer	44000109	201	PLP	5/1/1998	X		\$150,000	\$98,930	RS	
B & T Properties	Lapeer	44000115	213	Closed	9/1/2012		X	\$525,000	\$193,002	RS	
Church & Sons Gas Station	Lapeer	44000188	213	Monitoring	9/30/2015		X	\$300,000	\$242,314	RS	
E.J. Green	Lapeer	44000187	213	Monitoring	9/1/2014		X	\$300,000	\$312,381	RS	
Former Almont Do-It Hardware Store	Lapeer	44000201	201	Closed	9/1/2012	X		\$200,000	\$989,541	RS	
Former Lapeer Cleaners	Lapeer	44000106	201	Cancelled	8/1/2001	X		\$150,000		RS	
Howard Street Area	Lapeer	44000122	201	Closed	9/1/2012		X	\$200,000	\$190,880	RS	
Marathon Otter Lake Oil Field	Lapeer	44000171	201	Closed	7/1/2005		X	\$3,506,000	\$4,162,908	RS	
Oakdale Regional Ctr. Hospital Building #44	Lapeer	44000112	201	Closed	10/1/2004	X		\$550,000	\$537,929	RS	
Oregon Twp Dump	Lapeer	44000006	201	Closed	10/1/2001		X	\$330,100	\$164,757	RS	
P.T. Auto Sales	Lapeer	44000118	213	Closed	4/9/2013		X	\$250,000	\$30,925	RS	
Schaudt's Service Station	Lapeer	44000123	213	Monitoring	9/30/2014		X	\$250,000	\$248,404	RS	
Thumb Radiator Service	Lapeer	44000010	201	Closed	11/1/2000		X	\$1,300,000	\$465,765	RS	
Comm Well W Bayshore	Leelanau	45000072	201	Closed	7/1/2001		X	\$3,000	\$14,129	AW	
Comm Well W Bayshore	Leelanau	45000072	201	Closed	7/1/2001		X	\$200,000		RS	
Grand Traverse Overall Supply	Leelanau	45000004	201	In Progress	12/1/2033		X	\$200,000	\$446,087	SF	U.S. EPA conducting soil removal and installation of pump and treat system to address groundwater contamination. Project is currently funded by SWQI.
Lakeside Resort and Party Store	Leelanau	45000100	213	In Progress	6/1/2015		X	\$200,000	\$48,134	RS	Soil removal to be conducted.
Miller's Short Stop	Leelanau	45000054	213	PLP	9/1/2013		X	\$500,000		RS	
Rich's Amoco	Leelanau	45000099	213	Monitoring	9/30/2014		X	\$250,000	\$133,404	RS	
Teds Standard Service (former)	Leelanau	45000101	213	OM	6/1/2015		X	\$300,000	\$170,572	RS	
Vulcan Cincinnati Inc	Leelanau	45000016	201	Closed	4/1/2000		X	\$95,000	\$16,188	RS	
Zephyr, Inc	Leelanau	45000017	201	Complete	4/16/39		X	\$750,000	\$318,345	RS	
A-1 Auto Parts	Lenawee	46000195	213	Closed	3/1/2003	X		\$330,000	\$130,586	RS	

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SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Adrian Dry Cleaning	Lenawee	46000208	201	Funding Hold			X	\$500,000	\$144,488	RS	Need to evaluate potential for off-site sources, source removal, and need for groundwater/surface water interface mitigation.
Adrian Oil Burner Service	Lenawee	46000037	213	PLP			X	\$100,000	\$12,168	RS	
Adrian Silos	Lenawee	46000022	201	Complete	12/31/2013		X	\$250,000	\$242,686	RS	
Allen's Trailer Court	Lenawee	46000038	213	Closed	1/1/2001		X	\$100,000	\$8,719	RS	
Bart Tinder	Lenawee	46000183	213	Closed	12/1/1999	X		\$30,000		RS	
Beacon Oil	Lenawee	46000185	213	Closed	3/1/2000	X		\$10,000		RS	
Blissfield Marathon	Lenawee	46000110	213	In Progress	9/29/2015		X	\$305,000	\$14,609	RS	Investigation to determine extent of contamination will be conducted.
Blissfield Vacant Lot	Lenawee	46000212	213	Cancelled	9/1/2013		X				
By-Rite Oil	Lenawee	46000030	213	Closed	12/1/1999	X		\$10,000		RS	
C & J Service (H.Jerry Powelka)	Lenawee	46000194	213	Cancelled	9/1/2013	X		\$260,000		RS	
Camco Industries	Lenawee	46000081	201	Closed	5/1/1998		X	\$250,000	\$287,978	RS	
Central Transport	Lenawee	46000191	213	Closed	12/1/1999	X		\$10,000		RS	
Central Transport Inc.	Lenawee	46000192	213	Closed	12/1/1999	X		\$10,000		RS	
Clark Adrian	Lenawee	46000209	213	Funding Hold			X	\$200,000		RS	Need investigation of soil and groundwater contamination.
Clayton Corners	Lenawee	46000186	213	Closed	3/1/2003		X	\$3,000	\$71,727	RS	
Darwin's Marathon	Lenawee	46000198	213	In Progress	5/8/2018	X		\$10,000		RS	Investigation to determine extent of contamination will be conducted.
Dick's Amoco East	Lenawee	46000215	213	In Progress	6/30/2014	X		\$175,000	\$54,287	RS	Investigation to determine extent of contamination will be conducted.
DM Party Store	Lenawee	46000069	213	Closed	11/1/2001	X		\$10,000	\$150,763	RS	
Drexel Park Wells	Lenawee	46000159	201	PLP	5/1/2003		X	\$50,000	\$478,539	AW	
Drexel Park Wells	Lenawee	46000159	201	PLP	5/1/2003		X	\$150,000	\$95,812	RS	
Estate of Emily Mills	Lenawee	46000054	213	Closed	9/1/2003		X	\$9,000		RS	
Fabco Products	Lenawee	46000006	201	PLP	9/1/2013		X	\$6,700,000	\$3,149,166	RS	
Former Clark Station- 504 E. Church	Lenawee	46000180	213	Closed	3/1/2001	X		\$10,000		RS	
Furches Service	Lenawee	46000193	213	Closed	12/1/1999	X		\$10,000		RS	
Harry Lauber Jr.	Lenawee	46000182	213	Closed	10/1/2000	X		\$10,000		RS	
Hudson Lake Market	Lenawee	46000184	213	Closed	12/1/1999	X		\$10,000		RS	
Irish Hills Party Store	Lenawee	46000160	213	Closed	2/1/2001		X	\$60,000		RS	
James Edwards	Lenawee	46000197	213	Closed	9/1/1999		X			RS	
Lakeside Party Store	Lenawee	46000188	213	Closed	11/1/2004	X		\$320,000	\$115,916	RS	
M & S Real Estate Company LLC	Lenawee	46000181	213	PLP	11/1/2004		X	\$15,000	\$69	RS	
Madison Center GW Contam	Lenawee	46000032	213	Closed	7/1/1999		X	\$156,500	\$266	AW	
Par Don Manufacturing	Lenawee	46000176	201	Closed	5/1/2005		X	\$250,000	\$232,654	RS	
Railroad Avenue Plating Co.	Lenawee	46000018	201	Closed	5/1/2000		X		\$231,598	RS	
Res Well Jasper	Lenawee	46000042	213	Closed	7/1/1999		X	\$10,000	\$152	AW	
RTS Transportation Systems	Lenawee	46000196	213	Closed	10/1/2000	X		\$10,000		RS	
Seneca Garage	Lenawee	46000187	213	Closed	3/1/2000	X		\$10,000		RS	
Stauffer Chemical	Lenawee	46000021	201	PLP	9/1/2003		X	\$100,000	\$10,316	RS	
Tangles Hair Salon	Lenawee	46000189	213	Closed	10/1/2003		X	\$15,000	\$69	RS	
Tax Reverted Property-101 E. River St.	Lenawee	46000002	213	Closed	8/1/2005	X		\$10,000	\$44,995	RS	
Barbara Johnson Property	Livingston	47000198	201	Funding Hold			X	\$50,000		RS	Need to remove oil drums and contaminated soil.
Bob Smith Ford, Inc.	Livingston	47000109	213	PLP	10/1/2012		X	\$225,000		RS	
Brighton Twp Dump	Livingston	47000004	201	Funding Hold			X	\$2,000	\$1,243	AW	

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Brighton Twp Dump	Livingston	47000004	201	Funding Hold			X	\$1,465,000	\$1,417,108	RS	Methane investigation needed.
Bruce Products Corporation	Livingston	47000053	201	Closed	7/1/1998		X	\$850,000	\$307,484	RS	
Chicago St GW Contam	Livingston	47000042	201	PLP	2/1/2002		X	\$100,200	\$5,531	AW	
Chicago St GW Contam	Livingston	47000042	201	PLP	2/1/2002		X		\$7,600	RS	
Com Well E Grand River-Howell	Livingston	47000164	201	Closed	1/1/2002		X	\$5,000	\$265,072	AW	
Diamond Chrome	Livingston	47000202	201	Monitoring	7/31/2015		X	\$500,000	\$67,924	RS	
F.W.H. Corp.	Livingston	47000138	213	PLP	10/1/2012	X		\$3,000	\$37,493	RS	
Felders/Former Com Well E Gd River	Livingston	47000061	201	Complete	12/31/2013		X	\$6,000	\$10,714	AW	
Fred's Tire & Auto Service	Livingston	47000058	213	PLP	10/1/2012		X	\$225,000		RS	
Grossman Ideal Steel	Livingston	47000012	201	Complete	12/31/2013		X	\$190,000	\$15,636	RS	
Hamburg Unadilla Rds Contam Area	Livingston	47000013	201	PLP	1/1/1999		X	\$2,700,000	\$137,898	AW	
Hamburg Unadilla Rds Contam Area	Livingston	47000013	201	PLP	1/1/1999		X	\$1,200,000	\$31,395	RS	
Kennedy Residence	Livingston	47000073	213	PLP	10/1/2012		X	\$200,000	\$145,076	RS	
Lakeland Montessori School	Livingston	47000162	213	In Progress	7/30/2020	X		\$1,130,000	\$1,338,802	RS	Oxygen releasing compounds will be injected into contamination.
Leon Bonner Property	Livingston	47000211	213	Monitoring	8/31/2020	X		\$525,000	\$861,094	RS	
Lucy Rd Grand River Contam Area	Livingston	47000018	201	PLP	2/1/2002		X	\$198,000	\$227,072	AW	
Main Street Gregory	Livingston	47000099	201	OM	12/31/2017		X	\$20,000	\$91,235	AW	
Main Street Gregory	Livingston	47000099	201	OM	12/31/2017		X	\$700,000	\$949,408	RS	
Marcy's Cleaners	Livingston	47000197	201	In Progress	11/30/2017		X	\$400,000	\$533,590	RS	Investigation in progress to determine appropriate remedy. Project is currently funded by SWQI.
Millie's Market	Livingston	47000079	213	OM	7/30/2020		X	\$0	\$6,874	AW	
Millie's Market	Livingston	47000079	213	OM	7/30/2020		X	\$2,700,000	\$1,083,553	RS	
National Controls	Livingston	47000154	201	Complete	12/31/2013		X	\$10,000	\$17,579	AW	
National Controls	Livingston	47000154	201	Complete	12/31/2013		X	\$125,000	\$2,197	RS	
Patterson Lake Products	Livingston	47000052	201	Closed	5/1/2002		X	\$800,000	\$658,756	RS	
Rasmussens Dump	Livingston	47000025	201	PLP	1/1/1998		X	\$50,000	\$11,443	SF	
Res Well Kenicott Trail	Livingston	47000104	201	Closed	12/1/2000		X	\$3,000	\$549	AW	
Res Wells Holly Road	Livingston	47000055	201	In Progress	9/18/2018		X	\$942,000	\$5,433	AW	
Res Wells Holly Road	Livingston	47000055	201	In Progress	9/18/2018		X	\$2,285,000	\$2,750,023	RS	Treatment system is in operation. Project is currently funded by SWQI.
Rooto Corp	Livingston	47000026	201	Closed	12/1/1995		X	\$105,000		RS	
Shiawassee River	Livingston	47000027	201	Funding Hold			X	\$1,250,000	\$927,313	SF	Fish study to be conducted.
Spiegelberg Property	Livingston	47000035	201	PLP	2/1/1998		X	\$70,000	\$16,043	SF	
Ted Cobb Boats & Motors	Livingston	47000139	213	PLP	10/1/2012	X		\$5,000	\$69	RS	
The Clark Station #2128	Livingston	47000248	213	In Progress	7/30/2018		X	\$300,000	\$134,602	RS	Delineation of free product, and soil and groundwater contamination.
The Oasis Truck Stop	Livingston	47000129	213	In Progress	7/1/2022		X	\$350,000	\$121,595	RS	Delineation of free product, soil and groundwater.
The Pit	Livingston	47000240	213	In Progress	12/30/2020		X	\$570,000	\$119,933	RS	Soil removal and soil gas mitigation to be conducted.
Thermofil	Livingston	47000039	201	Funding Hold			X	\$1,950,000	\$556,197	RS	Need to treat soil hot spots then monitor effectiveness.
Whitmore Lake Rd Chlorides, Brighton Twp	Livingston	47000165	201	Complete	12/31/2013		X	\$700,000	\$846,907	AW	
Whitmore Lake Rd Chlorides, Brighton Twp	Livingston	47000165	201	Complete	12/31/2013		X	\$0	\$1,881	RS	
Barrett Company, Inc.	Luce	48000015	213	Closed	7/1/2012	X		\$3,000	\$322,868	RS	
Bob's Standard Service	Luce	48000016	213	OM	1/1/2014		X	\$1,100,000	\$907,726	RS	

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Lakefield Cheese Factory Inc	Luce	48000026	213	OM	3/1/2015		X		\$10,437	AW	
Lakefield Cheese Factory Inc	Luce	48000026	213	OM	3/1/2015		X	\$775,000	\$937,636	RS	
Old Charcoal Iron Facility	Luce	48000020	201	Closed	7/1/2012	X		\$250,000	\$1,491,204	RS	
Boardwalk Plaza Gas Station	Mackinac	49000024	213	PLP	7/1/2012		X	\$360,000		RS	
George's Body Shop	Mackinac	49000064	213	Closed	9/1/2000	X		\$5,000		RS	
Gustafson's Resort	Mackinac	49000023	213	Cancelled	7/1/2012		X	\$3,000		RS	
Jarema's Grocery	Mackinac	49000030	213	PLP	10/1/2012		X	\$475,000	\$137,784	RS	
M-134	Mackinac	49000061	213	Closed	3/1/2000	X		\$5,000		RS	
Neil's	Mackinac	49000065	213	Closed	3/1/2000	X		\$5,000		RS	
Old Amoco Station	Mackinac	49000062	213	Closed	11/1/1999	X		\$5,000		RS	
Slagg's Auto Service	Mackinac	49000067	213	In Progress	9/30/2015	X	X	\$0	\$18,361	RS	Delineation of free product, and soil and groundwater contamination.
10 Mile Drain	Macomb	50000736	201	In Progress	9/1/2019		X	\$100,000	\$58,096	RS	State providing match for EPA removal of PCB contaminated soil. Project is currently funded by SWQI.
Action Auto (former)	Macomb	50001143	213	Monitoring	5/30/2014		X	\$1,000,000	\$123,594	RS	
Clinton River	Macomb	50000004	201	Closed	12/1/2000		X	\$120,000		RS	
D&D Jefferson Inc	Macomb	50001135	213	PLP	9/1/2013		X	\$350,000		RS	
Dicicco Service	Macomb	50000776	213	Closed	9/1/2001		X	\$50,000		RS	
Ernst Gas & Oil	Macomb	50001144	213	Cancelled	9/1/2013		X	\$100,000		RS	
Former Doyle's Auto Parts	Macomb	50001142	213	Cancelled	9/1/2013		X	\$500,000		RS	
Former Wellhausen General Store	Macomb	50000758	213	Closed	11/1/2001	X		\$200,000		RS	
G & H Landfill	Macomb	50000009	201	PLP	10/1/2007		X			SF	
Hot & Now	Macomb	50000772	213	Closed	1/1/2001		X	\$400,000		RS	
Liquid Disposal, Inc.	Macomb	50000015	201	Cancelled	12/1/2006		X			SF	
Memphis Shell	Macomb	50001171	213	In Progress	9/30/2016		X	\$400,000	\$133,989	RS	Investigation to determine extent of contamination is in process.
Montgomery Ward	Macomb	50001136	213	Closed	6/1/2012		X	\$1,150,000	\$289,610	RS	
Pit Stop	Macomb	50000770	213	Closed	1/1/2001	X		\$25,000		RS	
Pulse Oil	Macomb	50000607	201	Closed	3/1/2002		X	\$250,000	\$390,111	RS	
Red Run Drain LF	Macomb	50000023	201	PLP	9/1/2013		X	\$300,000	\$776,926	RS	
Rub-A-Dub Cleaners	Macomb	50000698	201	Complete	12/31/2013		X	\$50,000	\$238,193	RS	
Soenen Brothers	Macomb	50000775	213	Cancelled	3/1/2005	X		\$5,000	\$69	RS	
Sokana Mobil	Macomb	50001134	213	Funding Hold			X	\$600,000		RS	Need to conduct investigation and feasibility study to determine required actions.
South Macomb Disposal Authority	Macomb	50000032	201	PLP	9/1/2013		X	\$100,000	\$325,999	SF	
Spring Lake Subdivision	Macomb	50000604	201	Closed	4/1/2005		X	\$750,000	\$405,056	RS	
Stramaglia Construction	Macomb	50000771	213	PLP	3/1/2005	X		\$10,000		RS	
Sunnydale St Contamination	Macomb	50000094	201	Closed	5/1/2001		X	\$400,000	\$66,701	RS	
Superior Polishing	Macomb	50000612	201	PLP	9/1/2013		X	\$681,000	\$163,889	RS	
Tom's Standard Service	Macomb	50000773	213	Cancelled	3/1/2005		X	\$50,000	\$69	RS	
Union 76 (former)	Macomb	50000759	213	Closed	2/1/2002	X		\$130,000		RS	
Walker Landfill	Macomb	50000036	201	PLP			X	\$200,000	\$390,558	RS	
Warren Fire Station 1	Macomb	50001137	213	PLP			X	\$100,000		RS	
Warren Fire Station 2	Macomb	50001138	213	PLP			X	\$100,000		RS	
Warren Fire Station 3	Macomb	50001139	213	PLP			X	\$100,000		RS	
Warren Fire Station 5	Macomb	50001140	213	PLP			X	\$100,000		RS	
Warren Fire Station 6	Macomb	50001141	213	PLP			X	\$100,000		RS	
Widger Chemical Corp.	Macomb	50000774	213	Closed	36404		X	\$300,000		RS	

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Zendt's Landscaping	Macomb	50000761	213	Cancelled	4/1/2012	X		\$24,000		RS	
Adamczak Rd	Manistee	51000126	201	Closed	11/1/2012	X		\$400,000	\$586,819	RS	
Arcadia Veteran's Mem. Marina	Manistee	51000104	213	Complete	12/31/2013		X	\$210,000	\$2,275	RS	
GW Contam Parkdale Ave	Manistee	51000039	201	PLP	2/1/1999		X	\$900,000		RS	
Hilliard Site	Manistee	51000161	213	Closed	10/1/2002	X		\$48,000	\$9,305	RS	
Manistee Forge/PCA Prop	Manistee	51000045	201	Closed	11/1/2012		X	\$1,100,000	\$555,751	RS	
Manistee Plating Company	Manistee	51000096	201	Funding Hold			X	\$300,000	\$876,795	RS	Need to conduct monitoring.
Morton International Merkey 13	Manistee	51000147	201	PLP	9/1/2005		X	\$600,000		RS	
Muffler Man	Manistee	51000181	213	In Progress	6/1/2015		X	\$150,000	\$20,477	RS	Investigation to determine extent of contamination in progress.
Packaging Corp of America	Manistee	51000058	201	Funding Hold			X	\$700,000	\$348	SF	Need investigation to evaluate need to re-open Record of Decision.
Red Barn Market	Manistee	51000109	213	Monitoring	4/1/2015		X	\$615,000	\$774,418	RS	
Res Well Maidens Road	Manistee	51000086	201	Closed	4/1/1991		X	\$45,000	\$2,762	AW	
Stronach Township Brine Well	Manistee	51000071	201	Closed	7/1/2003		X	\$700,000	\$906,439	RS	
Wellston Hardware	Manistee	51000114	213	Closed	10/1/2012		X	\$100,000	\$185,976	RS	
Abandoned Tank Farm Lower Harbor	Marquette	52000029	201	Closed	10/1/2012		X	\$425,000	\$1,119,992	RS	
Cliffs Dow Plant Site	Marquette	52000003	201	PLP	2/1/2002		X	\$520,000		RS	
Fritzler's Amoco	Marquette	52000172	213	Cancelled	10/1/2012		X	\$3,000		RS	
Greenwood Self Serve	Marquette	52000166	213	Complete	12/1/2014		X	\$628,000	\$118,832	RS	
Harvey Mini 1	Marquette	52000187	213	PLP			X	\$150,000		RS	
Harvey Oil Co.	Marquette	52000039	213	OM	9/1/2014		X		\$116,765	AW	
Harvey Oil Co.	Marquette	52000039	213	OM	9/1/2014		X	\$952,000	\$620,716	RS	
Harvey Oil/Shaw's Service	Marquette	52000122	213	Closed	7/1/1999		X	\$300,000		AW	
Holiday Station - Negaunee	Marquette	52000050	213	PLP			X	\$150,000		RS	
J & M Convenience	Marquette	52000165	213	Cancelled	10/1/2012		X	\$100,000	\$69	RS	
Joe & Son's Service	Marquette	52000150	213	Monitoring	6/1/2015		X	\$445,000	\$890,422	RS	
Koski Korners	Marquette	52000178	213	Cancelled	10/1/2012		X	\$3,000		RS	
Lacosse Oil Co.	Marquette	52000177	213	Closed	11/1/1999	X		\$5,000		RS	
Midtown Service	Marquette	52000089	213	Closed	9/1/2007	X		\$80,000	\$15,009	RS	
National Mine Store	Marquette	52000167	213	Closed	11/1/1999	X		\$5,000		RS	
Paton's Country Store	Marquette	52000083	213	Monitoring	12/1/2014		X	\$110,000	\$854,299	RS	
Pellestar	Marquette	52000161	201	Closed	10/1/2012	X		\$1,000,000	\$289,718	RS	
Res Well Horseshoe Lake Road	Marquette	52000040	201	Cancelled	3/1/1998		X			AW	
Res Wells Lakewood Lane	Marquette	52000025	201	Closed	10/1/2012		X	\$15,000	\$524	AW	
Round-the-Clock Mini Mart	Marquette	52000168	213	Closed	9/1/2000		X	\$100,000		RS	
Sands Abandoned Tanks	Marquette	52000176	213	Closed	1/1/2003	X		\$5,000	\$51,574	RS	
Skandia Twp Res Well -- US 41	Marquette	52000052	213	Closed	3/31/16		X	\$200,000	\$191,008	AW	
Swanson Service	Marquette	52000171	213	Cancelled	10/1/2012		X	\$140,000		RS	
Total Image Salon	Marquette	52000149	213	Funding Hold			X	\$500,000	\$407	RS	Need investigation to assess conditions.
Watson Store	Marquette	52000173	213	Closed	6/1/2001	X		\$5,000	\$1,923	RS	
Amerastar	Mason	53000031	201	Complete	12/31/2013	X	X	\$100,000	\$131,149	RS	
Conrad Road Dump	Mason	53000122	201	PLP	10/1/2003		X	\$100,000		RS	
Custer Abandoned Station	Mason	53000044	213	Closed	2/1/2012		X	\$40,000	\$164,192	RS	
Industrial Plating Area	Mason	53000010	201	Monitoring	10/1/2016		X	\$430,000	\$1,172,860	RS	
Ludington Mobil	Mason	53000067	213	PLP	8/1/2001		X	\$7,000		AW	
Mason County Landfill	Mason	53000013	201	Complete	12/31/2013		X	\$40,000	\$18,990	AW	
Mason County Landfill	Mason	53000013	201	Complete	12/31/2013		X	\$0	\$1,421	SF	

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SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Quick Lube	Mason	53000132	213	In Progress	4/28/2017		X	\$300,000	\$67,488	RS	Investigation to determine extent of contamination in progress.
Altona General Store	Mecosta	54000078	213	Monitoring	3/31/2014		X	\$315,000	\$464,023	RS	
Bo-K Farms	Mecosta	54000083	213	Closed	5/1/2000	X		\$30,000		RS	
Gingrich Tire/Remus G.Water	Mecosta	54000080	213	PLP	9/1/2012		X	\$250,000	\$103,042	RS	
Jeff's Service (Jo Gruszuki)	Mecosta	54000085	213	Closed	6/1/2002	X		\$20,000		RS	
Joe's Tire/Ridderman Oil	Mecosta	54000079	213	OM	12/31/2016		X	\$2,700,000	\$726,910	RS	
McClain Chevrolet	Mecosta	54000077	213	Closed	4/1/2000		X	\$250,000	\$6,397	RS	
Morley General Store	Mecosta	54000084	213	Monitoring	6/30/2016		X	\$350,000	\$68,969	RS	
Red's Fishin' Hole/Veltings	Mecosta	54000081	213	Closed	12/1/2003		X	\$300,000	\$342,360	RS	
Richard L Purcell	Mecosta	54000082	213	Closed	4/1/2003		X	\$300,000	\$245,211	RS	
Bay de Noc Rd Res Wells	Menominee	55000020	201	Closed	3/1/2001		X	\$10,000	\$5,896	AW	
Green Bay Paint Sludge	Menominee	55000017	201	Closed	12/1/2000		X	\$464,000		RS	
Jack's Mobil	Menominee	55000080	213	Monitoring	1/1/2014		X	\$150,000	\$208,420	RS	
Res Well Wallace	Menominee	55000023	213	Closed	7/1/1999		X		\$12,387	AW	
Res Wells Banat Area	Menominee	55000011	201	Closed	6/1/2001		X	\$8,300		AW	
Res Wells Menominee Twp	Menominee	55000012	201	Closed	10/1/1998		X	\$30,000	\$2,229	AW	
Res Wells Spalding Area	Menominee	55000013	213	Closed	4/1/2000		X	\$325,000		RS	
Rubick's Station	Menominee	55000074	213	Closed	10/1/2001	X		\$5,000	\$28,801	RS	
US 41 & Elmwood Road Solvents	Menominee	55000021	201	Cancelled	10/1/1998		X	\$2,500	\$2,893	AW	
US 41 Birch Creek Res Wells	Menominee	55000016	201	Closed	10/1/1998		X	\$9,600	\$5,961	AW	
US 41 Birch Creek Res Wells	Menominee	55000016	201	Closed	10/1/1998		X		\$975	RS	
Airport Road, 1933 East	Midland	56000186	213	Complete	12/31/2013		X	\$285,000	\$12,142	RS	
Cole's Garage	Midland	56000134	213	In Progress	9/30/2014	X		\$5,000	\$152,436	RS	Vapor intrusion study and groundwater monitoring to be conducted.
Four D, Inc.	Midland	56000059	213	Closed	3/1/1999		X	\$350,000		RS	
Griswold Service	Midland	56000167	213	Closed	4/1/2000	X		\$67,000		RS	
Larry Parsons	Midland	56000164	213	Closed	5/1/2000	X		\$9,000		RS	
O'Connors Service	Midland	56000025	213	Closed	6/1/1999	X		\$13,000		RS	
Res Contam W Isabella Rd	Midland	56000015	201	PLP	2/1/1999		X	\$400,000		RS	
RLJ Realty Co.	Midland	56000150	213	Closed	6/11/2013		X	\$135,000	\$434,526	RS	
Tittabawasee River	Midland	56000019	201	In Progress			X	\$1,100,000	\$2,297,663	RS	Natural Resource Damage assessment in progress.
TMT Petroleum of MI, Inc.	Midland	56000065	201	PLP	2/1/1999		X		\$280,599	RS	
Chemical Plant and Tar Pit	Missaukee	57000001	201	Closed	10/1/2012		X	\$3,600,000	\$4,772,544	RS	
Dutch Hutch	Missaukee	57000058	213	OM	6/1/2016		X	\$910,000	\$1,313,728	RS	
Falmouth Village of	Missaukee	57000003	201	Closed MO	11/1/2000		X	\$20,000	\$4,325	AW	
Falmouth VOCs	Missaukee	57000051	201	Closed	12/1/2002		X	\$50,000	\$946	AW	
GW Contam 210 Main St.	Missaukee	57000043	201	Closed	12/1/2002		X		\$930	AW	
Kregear's Service	Missaukee	57000018	213	Complete	12/31/2013		X	\$350,000	\$139,269	RS	
Lee's General Store	Missaukee	57000056	213	Closed	1/1/2002	X		\$3,000	\$32,126	RS	
N Park Street GW Contam	Missaukee	57000024	213	Closed	3/1/2002		X	\$10,000		AW	
Res Well Crooked Lake	Missaukee	57000044	201	Closed	10/1/2003		X	\$40,000	\$79,002	AW	
Rinckey's Country Store	Missaukee	57000057	213	Closed	6/1/2012	X		\$158,000	\$99,387	RS	
The Landing	Missaukee	57000059	213	OM	5/29/2015		X	\$35,000	\$191,217	RS	
ABC Cleaners	Monroe	58000036	201	Closed	8/1/2005		X	\$540,000	\$508,434	RS	
Bill's Union 76	Monroe	58000199	213	Closed	7/1/2000	X		\$10,000		RS	
Buck & Knobby Equipment Co.	Monroe	58000201	213	Closed	8/1/2000	X		\$10,000		RS	
C. Barron & Sons, Inc.	Monroe	58000198	213	Closed	2/1/2001		X	\$300,000		RS	
Carl H. Brinkmeier	Monroe	58000193	213	Closed	12/1/1999	X		\$10,000		RS	

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**Appendix B: Report of the Environmental Cleanup and Redevelopment Program**  
**Remediation and Redevelopment Division**  
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BASIC SITE INFORMATION								FUNDING INFORMATION		RESPONSE ACTIONS	
SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Central Transport-4570 Stearns	Monroe	58000195	213	Closed	12/1/1999	X		\$10,000		RS	
Consolidated Packaging Corp	Monroe	58000002	201	Funding Hold			X	\$11,869,100	\$10,994,599	RS	Need funds to continue remediation of polychlorinated biphenyls (PCB) and lead contamination.
Country Club USA	Monroe	58000202	213	Cancelled	11/1/2004		X	\$35,000	\$69	RS	
Darling Rd Dump Site	Monroe	58000003	201	Funding Hold			X	\$700,000	\$111,386	RS	Work on hold due to low priority for funding. Groundwater/surface water interface above criteria but no receptors.
Express Gas	Monroe	58000196	213	PLP		X		\$250,000		RS	
First of America Bank	Monroe	58000203	213	Closed	11/1/2004		X	\$15,000	\$69	RS	
Good & Good/Deerfield/Monroe	Monroe	58000172	201	Closed	2/1/2002		X	\$441,000	\$440,219	RS	
J.L. Barrow Oil Co.	Monroe	58000191	213	Closed	12/1/1999	X		\$10,000		RS	
Jim Spas Auto Service	Monroe	58000085	213	Closed	2/1/2001	X		\$500,000		RS	
Kimberly Cleaners, Former	Monroe	58000158	201	Closed	3/1/1996		X	\$250,000		RS	
Knab's Service	Monroe	58000194	213	Closed	7/1/2000	X		\$10,000		RS	
Laurence Lewis	Monroe	58000206	213	Closed	12/1/1999	X		\$10,000		RS	
Lewis & Morocco Roads Res Wells	Monroe	58000163	201	Closed	11/1/2000		X	\$30,000	\$13,207	AW	
Lewis & Morocco Roads Res Wells	Monroe	58000163	201	Closed	11/1/2000		X	\$200,000		RS	
Lor-San Oil	Monroe	58000177	201	Closed	2/1/2002		X	\$380,000		RS	
Luna Pier Fuel Stop	Monroe	58000227	213	PLP			X	\$200,000	\$1,025	RS	
Mike's Quality Meats (former)	Monroe	58000053	213	Closed	11/1/2004		X	\$500,000		RS	
Monroe County Road Commission	Monroe	58000040	201	PLP	3/1/2002		X	\$300,000		RS	
Newburg Rd Barrel Dump	Monroe	58000015	201	Closed	3/1/2001		X	\$1,300,000	\$64,084	RS	
North Dixie Total	Monroe	58000192	213	Closed	2/1/2001		X	\$300,000		RS	
Novaco Industries	Monroe	58000025	201	Closed	4/1/1998		X			SF	
Ottawa Lake Co-op	Monroe	58000162	201	Closed	5/1/2000		X	\$40,000	\$5,515	AW	
Pete's Mobil	Monroe	58000197	213	Closed	10/1/2000	X		\$25,000		RS	
PK&A Foundry	Monroe	58000033	201	Closed	3/1/2001		X	\$570,000	\$115,070	RS	
Port of Monroe Landfill Site	Monroe	58000017	201	PLP	9/1/2003		X	\$1,073,794		RS	
Raisin R, City of Monroe to Mouth of	Monroe	58000018	201	Closed	5/1/2001		X	\$50,000		RS	
Riverfront Marina	Monroe	58000200	213	Closed	7/1/1999		X			RS	
Vacant Lot 2592-2708 Telegraph	Monroe	58000207	213	Closed	8/1/2000	X		\$3,000		RS	
Van Deilen Industries	Monroe	58000164	201	PLP	9/1/2013		X	\$225,000	\$164,644	RS	
Waterstradt Brothers	Monroe	58000146	213	Closed	10/1/2003		X	\$120,000		RS	
Well at 740 Temperance	Monroe	58000155	201	Complete	12/31/2013		X	\$6,000	\$1,039	AW	
Zieman Grames Rds Dump Site Area	Monroe	58000024	201	Closed	38169		X	\$2,381,000	\$924,024	RS	
1034 Howard City & Edmore Rd.	Montcalm	59000155	213	Closed	5/1/2012	X	X	\$270,000	\$222,099	RS	
A.N. Russell & Son Inc	Montcalm	59000104	213	Monitoring	12/31/2014		X	\$250,000	\$152,283	RS	
Amble Oil Co.	Montcalm	59000150	213	Closed	5/1/2012		X	\$50,000		AW	
Amble Oil Co.	Montcalm	59000150	213	Closed	5/1/2012		X	\$500,000	\$171,735	RS	
Beard Oil (former)	Montcalm	59000152	213	Closed	5/1/2012	X	X	\$320,000	\$188,004	RS	
Blackrick Service	Montcalm	59000161	213	Closed	5/1/2012	X		\$65,000	\$305,891	RS	
Bouwkamp's Garage	Montcalm	59000162	213	Closed	4/1/2000	X		\$20,000		RS	
Clifford Lake Market	Montcalm	59000148	213	Closed	4/9/2013	X		\$245,000	\$501,780	RS	
Coral General Store	Montcalm	59000163	213	Monitoring	10/1/2014	X		\$435,000	\$1,150,812	RS	
Crystal Oil Field	Montcalm	59000002	201	PLP	7/1/2005		X	\$6,500		AW	
Crystal Oil Field	Montcalm	59000002	201	PLP	7/1/2005		X	\$150,000	\$130,826	RS	
Crystal Refinery	Montcalm	59000003	201	OM	12/31/2023		X	\$3,216,500	\$3,897,291	RS	
Edmore Mobil	Montcalm	59000139	213	Monitoring	12/31/2014		X	\$1,850,000	\$417,752	RS	

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SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Geller Auto Service, Inc.	Montcalm	59000149	213	Closed	2/1/2013		X	\$100,000	\$165,030	RS	
Greenville Drums	Montcalm	59000142	201	Closed	6/1/2002		X	\$250,000	\$150,571	RS	
Greenville LF	Montcalm	59000005	201	PLP	4/1/2004		X	\$39,500	\$230	AW	
J.I.S. Tire Service	Montcalm	59000158	213	Closed	10/1/2006		X	\$75,000	\$224,083	RS	
Lakeview Airport	Montcalm	59000009	201	Funding Hold			X		\$284,329	AW	
Lakeview Airport	Montcalm	59000009	201	Funding Hold			X	\$2,500,000	\$2,105,211	RS	Need to monitor effectiveness of treatment.
Lakeway Party	Montcalm	59000156	213	Closed	9/1/2012		X	\$150,000	\$407,687	RS	
Marvin Jensen	Montcalm	59000153	213	Complete	12/31/2013	X		\$150,000	\$125,628	RS	
McBride Country Store	Montcalm	59000157	213	PLP	9/1/2007		X	\$150,000	\$187,259	RS	
Montcalm Fiber Company	Montcalm	59000140	201	Closed	9/1/2003	X		\$1,000,000	\$1,367,921	RS	
Paloma Industries	Montcalm	59000160	213	Closed	3/1/2000	X		\$20,000		RS	
Pierson Mobil Station	Montcalm	59000165	213	In Progress	8/31/2016		X	\$0	\$145,040	RS	Free petroleum product recovery and groundwater monitoring in progress.
R.V. Jensen Inc.	Montcalm	59000027	213	In Progress	6/30/2016		X	\$250,000	\$102,837	RS	Free petroleum product recovery and groundwater monitoring.
Russell K. Mills	Montcalm	59000151	213	Closed	2/1/2000	X		\$30,000	\$40,180	RS	
Six Lakes General Store	Montcalm	59000159	213	Closed	1/1/2013	X		\$325,000	\$403,061	RS	
Thelma Franklin	Montcalm	59000164	213	In Progress	3/1/2015		X	\$140,000	\$501,822	RS	Vapor intrusion system to be installed and groundwater monitoring to be conducted.
Essex Building Former	Montmorency	60000042	201	Closed	3/1/2013		X	\$650,000	\$711,308	AW	
Essex Building Former	Montmorency	60000042	201	Closed	3/1/2013		X		\$4,274	RS	
Former Sports Center, Inc.	Montmorency	60000023	213	OM	9/1/2019		X	\$975,000	\$371,106	RS	
James A. Wright Property	Montmorency	60000054	213	Closed	2/1/2002	X		\$30,000	\$53,440	RS	
Joey's Service	Montmorency	60000033	213	Complete	12/31/2013		X	\$570,000	\$1,307,257	RS	
Lowell St Hillman Twp	Montmorency	60000004	213	Monitoring	12/30/2016		X	\$0	\$3,600	AW	
Lowell St Hillman Twp	Montmorency	60000004	213	Monitoring	12/30/2016		X	\$1,387,000	\$1,356,544	RS	
Mary D's	Montmorency	60000031	213	Monitoring	10/2/2017		X	\$800,000	\$162,469	RS	
Pointe Bait	Montmorency	60000020	213	Monitoring	10/1/2015		X	\$200,000	\$368,689	RS	
Res Wells Atlanta Vlg	Montmorency	60000008	213	Closed	3/1/2002		X	\$3,100	(\$8,972)	RS	
Stoddard's A-1 Party Mart	Montmorency	60000057	213	In Progress	10/1/2022		X	\$500,000	\$48,391	RS	Installation of new monitoring wells and groundwater sampling.
Strolle Oil	Montmorency	60000059	213	PLP	1/1/2013		X	\$50,000		RS	
William's Auto Repair-Sunoco	Montmorency	60000037	213	Complete	12/31/2013		X		\$139,818	RS	
Wyson's General Store	Montmorency	60000056	213	OM	44470		X		\$21,634	AW	
Wyson's General Store	Montmorency	60000056	213	OM	44470		X	\$2,110,000	\$2,495,694	RS	
2433 Park Street	Muskegon	61000374	201	Cancelled	3/1/2002	X		\$100,000		RS	
2504 Dyson	Muskegon	61000375	201	Cancelled	2/1/2002	X		\$50,000	\$2,588	RS	
2508 Peck Street	Muskegon	61000364	201	Closed	12/1/2000	X		\$10,000	\$36,537	RS	
2545 Dyson Street	Muskegon	61000379	201	Cancelled	3/1/2002	X		\$100,000		RS	
2812 & 2814 Peck Street	Muskegon	61000376	201	Closed	10/1/2003	X		\$100,000	\$78,866	RS	
500 Guns (former)	Muskegon	61000401	213	Closed	12/1/2003	X		\$30,000	\$77,130	RS	
Bennett Pump Co.	Muskegon	61000117	213	Monitoring	11/30/2014		X	\$1,360,000	\$1,137,532	RS	
Bernie's Amoco	Muskegon	61000339	213	Monitoring	6/1/2016		X	\$200,000	\$125,337	RS	
Bill's Auto & Stereo	Muskegon	61000392	213	Complete	12/31/2013		X	\$175,000	\$40,179	RS	
Bofors Lakeway Chemical	Muskegon	61000005	201	In Progress			X	\$9,950,000	\$935,833	SF	Monitoring wells to be installed to ensure slurry wall is effectively containing contamination.
Bron Road Area GW Contamination	Muskegon	61000328	201	Monitoring	6/30/2014		X	\$0	\$5,821	AW	

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Broton Road Area GW Contamination	Muskegon	61000328	201	Monitoring	6/30/2014		X	\$500,000	\$193,651	RS	
Broton's Service	Muskegon	61000399	213	Closed	7/1/2012		X	\$50,000	\$176,355	RS	
Clinton J. Reed	Muskegon	61000402	213	Closed	8/1/2000	X		\$30,000		RS	
Cloverville Pump House/Hardware	Muskegon	61000065	201	Closed	9/1/2012		X	\$1,565,000	\$806,754	RS	
Cole's Sunoco	Muskegon	61000235	213	Closed	8/1/2000	X		\$200,000	\$2,683	RS	
Dalson Road Contamination Area	Muskegon	61000264	201	Closed	9/1/1999		X	\$1,000,000	\$391,171	RS	
Dennis & Don Zephyr	Muskegon	61000404	213	Monitoring	6/30/2014		X	\$50,000		AW	
Dennis & Don Zephyr	Muskegon	61000404	213	Monitoring	6/30/2014		X	\$450,000	\$335,268	RS	
Duell Gardner Landfill	Muskegon	61000016	201	OM	5/31/2042		X	\$586,000	\$64,482	SF	
Fenner Rd GW Contam	Muskegon	61000072	201	Closed	5/1/2012		X	\$7,700		AW	
Five A Oil Co.	Muskegon	61000395	213	Closed	7/3/2012	X		\$180,000	\$229,225	RS	
Green Ridge Subdivision	Muskegon	61000137	201	Complete	12/31/2013		X	\$2,450,000	\$2,681,322	AW	
Green Ridge Subdivision	Muskegon	61000137	201	Complete	12/31/2013		X	\$250,000	\$50,368	RS	
J & C Construction Co.	Muskegon	61000397	213	Closed	7/1/2000	X		\$20,000		RS	
James J. Caradine	Muskegon	61000396	213	Closed	7/1/2012	X		\$73,000	\$7,463	RS	
Kelly's Korner	Muskegon	61000405	213	Closed	8/8/2013		X	\$365,000	\$249,766	RS	
Laketon Auto Clinic	Muskegon	61000262	213	Monitoring	12/31/2013		X	\$1,550,000	\$101,781	RS	
Lakeview Mart	Muskegon	61000403	213	PLP	9/1/2012		X	\$250,000		RS	
Lemmen Shell Mart	Muskegon	61000400	213	PLP	9/1/2012		X	\$150,000		RS	
Meat Block	Muskegon	61000090	213	Cancelled	9/1/2007		X	\$900,000		RS	
Muskegon River Drum Dump	Muskegon	61000358	201	Closed	9/1/2003		X	\$381,000	\$21,413	RS	
Naph Sol Refining Becker Rd	Muskegon	61000033	201	Closed	10/1/1997		X	\$849,400	\$2,905	RS	
Nordco Drum Getty St	Muskegon	61000034	201	Closed	5/1/1998		X	\$322,300	\$11,040	RS	
Northshore Hospital	Muskegon	61000362	201	Closed	11/1/2001	X		\$250,000	\$241,162	RS	
Old Wagoner Trans. Site	Muskegon	61000363	201	Closed	3/1/2002	X		\$200,000	\$189,211	RS	
Peck Street Landfill	Muskegon	61000038	201	PLP	5/1/1998		X	\$10,000		RS	
Peerless Plating	Muskegon	61000039	201	OM	10/1/2033		X	\$895,000	\$1,360,319	SF	
Reliable Truck & Crane	Muskegon	61000406	213	Funding Hold			X	\$360,000		RS	Need to investigate extent of contamination.
Rita Duca	Muskegon	61000391	213	Complete	12/31/2013	X		\$30,000	\$92,216	RS	
Rose Baker	Muskegon	61000394	213	Closed	9/24/2013	X		\$130,000	\$19,846	RS	
Ruddiman Creek Drum Dump	Muskegon	61000377	201	Monitoring	9/30/2015		X	\$1,260,000	\$954,938	RS	
S. Forest/Apple	Muskegon	61000258	213	Closed	7/1/1999		X	\$120,000		AW	
SCA Independent Landfill	Muskegon	61000047	201	PLP	6/1/2001		X	\$75,000		SF	
Smith Packing	Muskegon	61000378	201	Closed	9/1/2003	X		\$200,000	\$175,109	RS	
Story Chemical Co Ott Cordova	Muskegon	61000051	201	OM			X	\$11,655,000	\$9,174,537	SF	
Tech Cast Area (Anderson Road)	Muskegon	61000053	201	Closed	12/1/1997		X	\$100,000	\$118,453	AW	
Tech Cast Area (Anderson Road)	Muskegon	61000053	201	Closed	12/1/1997		X	\$1,900,000	\$4,670	RS	
Theresa St Area	Muskegon	61000055	201	Closed	9/1/1997		X	\$605,000	\$31,529	RS	
Thermo-Chem	Muskegon	61000056	201	PLP	12/1/1997		X	\$3,000,000	\$1,400	SF	
Thompson Inc. Landfill	Muskegon	61000057	201	PLP	5/1/1998		X	\$10,000		RS	
West Shore Pavilion	Muskegon	61000324	201	Closed	12/1/1999	X	X	\$1,000,000	\$1,022,154	RS	
Whittaker Electric	Muskegon	61000134	201	Closed	7/1/2000		X			RS	
Wolf Lake/Apple Ave GW Contam	Muskegon	61000236	213	Closed	7/1/1999		X	\$187,400	\$12,319	AW	
Zephyr, Inc (Naph Sol Refining)	Muskegon	61000063	201	In Progress	48244	X	X	\$5,710,000	\$10,759,284	RS	System operation and maintenance in process. Project is currently funded by SWQI.
Grant Mini Mart	Newaygo	62000114	213	Closed	6/20/2013		X	\$1,350,000	\$97,997	RS	
Hardy Grocery	Newaygo	62000113	213	Funding Hold			X			RS	Investigation needed for free petroleum product.

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SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Kunnens LF	Newaygo	62000008	201	Monitoring	12/1/2012		X			AW	
Lake St Res Wells	Newaygo	62000021	201	Funding Hold			X	\$2,100,000	\$715,427	AW	
Lake St Res Wells	Newaygo	62000021	201	Funding Hold			X	\$4,020,000	\$322,159	RS	Need to conduct additional investigation and monitoring to define the extent of the contamination.
MDNR Real Estate, White Cloud	Newaygo	62000112	213	Closed	7/1/2012		X	\$25,000	\$1,843	RS	
Mike's Unocal 76	Newaygo	62000120	213	Closed	6/3/2013		X	\$79,000	\$3,785	RS	
Northland Specialties	Newaygo	62000016	201	Closed	3/1/2001		X	\$100,000		RS	
Old City Dump	Newaygo	62000101	201	Closed	3/1/2002	X		\$100,000	\$120,427	RS	
Res Well Bingham Ave	Newaygo	62000041	201	Closed	12/1/1999		X			AW	
Res Well Evergreen	Newaygo	62000028	201	Closed	4/1/2012		X	\$3,000	\$4,832	AW	
Up North Gift Co.	Newaygo	62000115	213	In Progress	6/30/2016		X	\$625,000	\$81,861	RS	Free petroleum product recovery and vacuum events in progress.
Wesco #14/Triangle Market	Newaygo	62000024	213	In Progress	9/1/2016		X	\$1,400,000	\$594,335	RS	Soil removal in progress.
White Cloud Municipal Wells	Newaygo	62000014	201	Closed	12/1/1999		X	\$50,000	(\$1,287)	AW	
Woodville Area GW Contam	Newaygo	62000073	201	Closed	36495		X	\$10,000		AW	
415 E. Hudson	Oakland	63005144	213	Complete	12/31/2013		X	\$460,000	\$126,562	RS	
Absolute Automotive	Oakland	63005184	213	Closed	1/1/2003	X		\$5,000	\$444	RS	
Adler's Service, Inc.	Oakland	63005194	213	PLP	9/1/2013	X		\$10,000	\$444	RS	
Anchor Motor Freight	Oakland	63000003	201	Closed	8/1/1993		X	\$150,000		RS	
Asa Smith Property	Oakland	63005196	213	Closed	11/1/2005		X	\$30,000	\$101,829	RS	
Austin Oil Co./Holly Shell	Oakland	63005174	213	PLP	9/1/2013		X	\$500,000		RS	
B.J. Kelley & Assoc.-2660 John R.	Oakland	63005177	213	Closed	6/1/2005	X		\$5,000	\$444	RS	
B.J. Kelley & Assoc.-26700 John R	Oakland	63005176	213	Closed	6/1/2005	X		\$25,000	\$444	RS	
Branch & Gillespie Streets	Oakland	63001013	201	Closed	3/1/2002	X		\$100,000	\$42,022	RS	
Broad St./Battle Alley	Oakland	63005178	213	Closed	4/1/2001	X		\$10,000		RS	
By Rite Auburn Hills	Oakland	63000013	201	Closed	1/1/1994		X	\$100,000		RS	
Cedar Creek Chloride Contamination	Oakland	63000993	201	Closed MO	3/1/2002		X			AW	
Charles Pelton Property	Oakland	63005170	213	Closed	10/1/2001		X	\$450,000	\$132,350	RS	
Christianson and Adams Rd Dumps	Oakland	63000015	201	Closed	7/1/2004		X	\$880,000	\$3,962,054	RS	
Clark #903	Oakland	63005837	213	Funding Hold			X	\$250,000		RS	Need to define soil and groundwater contamination and remove free petroleum product.
Clarkston Rd Area	Oakland	63000016	201	Closed	5/1/2012		X		\$3,791	AW	
Clarkston Rd Area	Oakland	63000016	201	Closed	5/1/2012		X	\$440,000	\$27,355	RS	
Clarkston Shell Service	Oakland	63005169	213	PLP	9/1/2013		X	\$0	\$145,209	AW	
Clarkston Shell Service	Oakland	63005169	213	PLP	9/1/2013		X	\$10,000		RS	
CMS Ortonville	Oakland	63000320	213	Closed	7/1/1999		X	\$160,000		AW	
Coe's Cleaners	Oakland	63001005	201	OM	9/30/2020		X	\$560,000	\$2,668,985	RS	
Coleman Property	Oakland	63005181	213	Closed	11/1/2003	X		\$20,000		RS	
Collier Rd N of Galloway Creek	Oakland	63001026	201	Cancelled	7/1/2004	X		\$50,000	\$1,431	RS	
Collins & Orion Roads Res Wells	Oakland	63000957	201	Monitoring	12/1/2013		X	\$4,100	\$3,300	AW	
Collins & Orion Roads Res Wells	Oakland	63000957	201	Monitoring	12/1/2013		X		\$13,036	RS	
Dandy Oil Inc	Oakland	63000343	213	PLP	9/1/2013		X	\$500,000		AW	
Dandy Oil Inc	Oakland	63000343	213	PLP	9/1/2013		X	\$750,000		RS	
DOC Optical	Oakland	63005838	213	Funding Hold			X	\$250,000		RS	Need to define extent of soil and groundwater contamination.
Don & Stan's/Joe's Towing	Oakland	63005183	213	Closed	5/1/2012		X	\$270,000	\$348,412	RS	
East Livingston Road Area	Oakland	63000071	201	Closed MO	7/1/2004		X	\$24,000	\$12,663	AW	
East Livingston Road Area	Oakland	63000071	201	Closed MO	7/1/2004		X		\$44,738	RS	

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**Appendix B: Report of the Environmental Cleanup and Redevelopment Program**  
**Remediation and Redevelopment Division**  
**Fiscal Year 2013**

BASIC SITE INFORMATION								FUNDING INFORMATION		RESPONSE ACTIONS	
SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Emma Milner Property	Oakland	63000366	213	OM	12/31/2015		X	\$1,000,000	\$1,692,634	RS	
Family Auto	Oakland	63005171	213	Closed	11/1/2003	X		\$5,000	\$444	RS	
Farmer's Petroleum Cooperation	Oakland	63005821	213	Closed	5/1/2012		X	\$900,000	\$90,008	RS	
Farmington Auto Service	Oakland	63000377	213	Closed	1/1/2002	X		\$300,000		RS	
Former By-Rite/Former Amoco	Oakland	63000205	213	Closed	2/1/2001		X	\$400,000		RS	
Former Selastomer Co.	Oakland	63000857	201	Closed	38261		X	\$650,000	\$217,075	RS	
Former Wayne - Oakland Oil Company	Oakland	63000838	213	In Progress	11/30/2015		X	\$1,550,000	\$329,485	RS	Contaminated soil excavation to be conducted.
G-R 76 Service	Oakland	63005190	213	Closed	7/1/1998		X			RS	
Great Lakes Container Corp	Oakland	63000024	201	PLP			X	\$50,000	\$680,825	RS	
Groveland Fire Department	Oakland	63005182	213	Closed	9/1/2001	X		\$3,000	\$444	RS	
Hagen Enterprises	Oakland	63005191	213	Closed	2/1/1999		X	\$200,000		RS	
Highland Plaza	Oakland	63000162	201	Complete	12/31/2013		X	\$12,000	\$72	AW	
Highland Road GW Contam	Oakland	63000852	213	Closed	8/1/1999		X	\$12,700	\$9,367	AW	
Hi-Mill Mfg Co	Oakland	63000025	201	Cancelled	10/1/2007		X			SF	
Hop In #532	Oakland	63000453	213	PLP	4/1/2002		X	\$22,500	\$2,861	AW	
House of Imports	Oakland	63000028	201	Complete	12/31/2013		X	\$500,000	\$810,959	RS	
Howland and Luther Streets, Vacant Lot	Oakland	63001014	201	Closed	4/1/2001	X		\$30,000	\$9,993	RS	
Huron & Telegraph	Oakland	63005175	213	Closed	6/1/2005		X	\$250,000	\$1,420	RS	
J & L Landfill	Oakland	63000007	201	PLP	12/1/2000		X	\$156,000		SF	
Lanthier Foundry and Machine	Oakland	63000035	201	Complete	12/31/2013		X	\$10,000	\$2,408,984	AW	
Leemon Oil	Oakland	63000100	201	Closed	3/1/2002		X			RS	
Little Caesar's	Oakland	63005186	213	Complete	12/31/2013		X	\$1,000,000	\$214,398	RS	
Lyon Twp Dump Site	Oakland	63000036	201	Closed	10/1/1997		X	\$250,000	\$948,356	RS	
Marylestone Residential Wells	Oakland	63000939	201	Complete	12/31/2013		X		\$11,817	AW	
North Oxford Area GW Contamination	Oakland	63005116	201	Complete	12/31/2013		X	\$350,000	\$24,366	RS	
Northwest Lube	Oakland	63005198	213	PLP	5/1/2012	X		\$10,000	\$444	RS	
Precision Tune (former)	Oakland	63005189	213	Closed	5/1/2012	X		\$50,000	\$164,999	RS	
Quick Save #6	Oakland	63005195	213	Closed	2/1/2001		X	\$200,000		RS	
Res Well Sable Rd	Oakland	63000127	201	PLP	9/1/2013		X	\$1,093,500	\$168,459	AW	
Res Well Sable Rd	Oakland	63000127	201	PLP	9/1/2013		X	\$500,000	\$426,454	RS	
Res Wells Lapeer Rd	Oakland	63000126	201	Complete	12/31/2013		X	\$1,050,000	\$1,095,556	AW	
Res Wells Lapeer Rd	Oakland	63000126	201	Complete	12/31/2013		X	\$0	\$132	RS	
Res Wells Maceday LK Rd	Oakland	63000150	201	Closed	8/1/1999		X	\$50,000	\$11,237	AW	
Res Wells Main St	Oakland	63000156	213	Closed	7/1/1999		X	\$188,800	\$122,916	AW	
Res Wells Sashabaw Rd Area	Oakland	63000054	201	PLP	9/1/2013		X	\$703,000	\$323,461	AW	
Res Wells Sashabaw Rd Area	Oakland	63000054	201	PLP	9/1/2013		X	\$250,000	\$123,024	RS	
Rite Enterprises	Oakland	63005197	213	PLP	5/1/2012	X		\$15,000	\$444	RS	
Rockcroft Street Res Wells	Oakland	63000983	201	Closed MO	10/1/2005		X	\$350,000	\$187,683	AW	
Rockcroft Street Res Wells	Oakland	63000983	201	Closed MO	10/1/2005		X	\$100,000		RS	
Royal Auto Parts (former) 1130 University	Oakland	63001012	201	PLP	6/1/2001	X		\$100,000		RS	
Sanicem Landfill	Oakland	63000060	201	Monitoring	9/30/2027		X	\$2,750,000	\$960,045	RS	
Six Lakes Service	Oakland	63005187	213	PLP	9/1/2013		X	\$250,000		RS	
Six Star LF (AKA) Stan's Trucking	Oakland	63000062	201	OM	12/1/2047		X	\$50,000	\$2,139,037	RS	
South Lyon Service Station	Oakland	63005173	213	Funding Hold			X	\$20,000	\$444	RS	Liabe party not in compliance with Covenant Not to Sue. State is pursuing enforcement.
South Milford Road, Lyon Twp	Oakland	63000883	201	PLP	7/1/2004		X	\$1,750,000	\$2,774,166	AW	
South Milford Road, Lyon Twp	Oakland	63000883	201	PLP	7/1/2004		X	\$0	\$90	RS	

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BASIC SITE INFORMATION								FUNDING INFORMATION		RESPONSE ACTIONS	
SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Speed-E-Mart (Former)	Oakland	63005874	213	In Progress	11/30/2015		X	\$400,000	\$67,308	RS	Investigation to determine extent of contamination in progress.
Springfield Township Dumpsite	Oakland	63000061	201	PLP	2/1/1998		X	\$2,410,000		SF	
Sun Valley Properties	Oakland	63005179	213	PLP	9/1/2013		X	\$200,000	\$11,609	RS	
Tuffy Service Center	Oakland	63005168	213	Closed	9/1/2001		X	\$40,000		RS	
Union Oil Co. (former)	Oakland	63005188	213	Closed	4/1/2001	X		\$50,000		RS	
Village Muffler	Oakland	63005192	213	PLP	9/1/2013		X	\$600,000		RS	
Waterford Hills Sanitary LF	Oakland	63000165	201	OM	12/30/2039		X	\$5,425,000	\$15,446,109	RS	
White Lake Road Scrap Yard	Oakland	63000963	201	Closed	4/1/2001		X	\$11,000	\$222	AW	
Wide Track at Wesson Street, Vacant Lot	Oakland	63001016	201	Closed	37316	X		\$30,000	\$35,489	RS	
Widetrack Drive and N. Saginaw, NE Corner Vacant Lot	Oakland	63001015	201	Closed	3/1/2002	X		\$20,000	\$19,037	RS	
Winebasket Mkt./Jenny Ent.	Oakland	63005180	213	Monitoring	12/31/2015		X	\$950,000	\$391,501	RS	
Woodland Trail Res Well	Oakland	63000942	201	Cancelled	8/1/1999		X	\$7,500	\$408	AW	
Zem's Car Wash	Oakland	63005172	213	PLP	41518	X		\$30,000	\$444	RS	
Broadway Road GW Contamination	Oceana	64000027	201	Closed	10/1/1994		X			AW	
Bud's Shell Service	Oceana	64000091	213	Closed	11/1/2003	X		\$48,000		RS	
East Hart Party Store	Oceana	64000090	213	In Progress	12/31/2017		X	\$870,000	\$672,252	RS	Vapor intrusion investigation in progress. Soil removal to be conducted.
Elbridge Area GW Contamination	Oceana	64000072	201	Closed	12/1/1999		X	\$15,000		AW	
Grant Twp. Fire Department	Oceana	64000089	213	Closed	11/1/1999	X		\$10,000		RS	
MDNR-260 S. Oceana	Oceana	64000092	213	Closed	5/1/2003	X		\$30,000	\$103,862	RS	
Pentwater Oil Field (formerly State-Pentwater C-1)	Oceana	64000021	201	Complete	12/31/2013		X	\$125,000	\$337,471	RS	
Res Wells Rothbury	Oceana	64000007	201	PLP	5/1/2012		X	\$5,900	\$2,527	AW	
Rothbury Hardware	Oceana	64000093	213	PLP	9/1/2012		X		\$119,898	RS	
Stony Lake Oil Field	Oceana	64000020	201	Closed	7/1/2005		X	\$3,950,000	\$2,646,188	RS	
Vlg of Mears GW Contamination	Oceana	64000010	201	Monitoring	9/30/2015		X	\$4,300	\$15,499	AW	
Vlg of Mears GW Contamination	Oceana	64000010	201	Monitoring	9/30/2015		X	\$1,257,500	\$1,357,092	RS	
William Crawford Property	Oceana	64000094	213	Complete	12/31/2013		X	\$50,000		AW	
William Crawford Property	Oceana	64000094	213	Complete	12/31/2013		X	\$450,000	\$42,450	RS	
AI's Service	Ogemaw	65000047	213	Monitoring		X		\$215,000	\$297,303	RS	
Avram's Fuel Service	Ogemaw	65000080	213	Closed	2/1/2002	X		\$17,000	\$70,602	RS	
Dantzer's Standard Service	Ogemaw	65000012	213	Cancelled	9/1/2013	X		\$20,000		RS	
Former Fuller Oil	Ogemaw	65000007	201	Closed	3/1/2002		X	\$100,000	\$30,976	RS	
Franklin Forge	Ogemaw	65000037	213	Complete	7/31/2014		X	\$1,195,000	\$383,099	RS	
Henderson Lk Rd Mills Twp	Ogemaw	65000002	201	Monitoring	9/30/2013		X	\$200,000	\$29,767	RS	
Lovewell's Corner Store	Ogemaw	65000024	213	Closed	7/1/2012		X	\$100,000	\$339,534	RS	
M-76, 3737 West	Ogemaw	65000112	213	Cancelled	6/4/2013		X	\$500,000		RS	
MDNR-3337 Main St.	Ogemaw	65000081	213	Monitoring	9/30/2014	X		\$41,000	\$354,462	RS	
Ogemaw Trails	Ogemaw	65000045	213	Closed	12/1/2000		X	\$50,000		RS	
Osceola Refining Co	Ogemaw	65000004	201	Complete	12/31/2013		X	\$11,365,000	\$6,224,066	RS	
Ottaco, Inc.	Ogemaw	65000085	213	Closed	2/1/2002	X		\$17,000	\$30,135	RS	
Rose City Feed & Tack	Ogemaw	65000014	213	Closed	7/1/2012		X	\$260,000	\$257,751	RS	
Shady Shores Restaurant	Ogemaw	65000086	213	Funding Hold		X		\$3,000	\$348,358	RS	Need to remove contaminated soil adjacent to building.
Shady Shores Store	Ogemaw	65000062	213	Closed	11/1/2000		X	\$150,000		RS	
Skidway Car Care	Ogemaw	65000082	213	Closed	11/1/2005		X	\$100,000	\$116,589	RS	
T.J.'s Restaurant	Ogemaw	65000089	213	Closed	3/1/2002		X	\$100,000	\$82,829	RS	

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BASIC SITE INFORMATION								FUNDING INFORMATION		RESPONSE ACTIONS	
SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
West Branch Community Airport	Ogemaw	65000008	201	Closed	4/1/2000		X	\$100,000		RS	
Holiday Station	Ontonagon	66000008	213	Cancelled	7/1/2012		X	\$500,000		RS	
Ontonagon Mobil Mart	Ontonagon	66000007	213	Cancelled	7/1/2012		X	\$50,000		RS	
211 S Main	Osceola	67000078	201	Closed	10/1/2003	X		\$100,000	\$2,800	RS	
American Logging Tool Corp	Osceola	67000047	201	Closed	4/1/2000		X		\$386,463	RS	
Andy's Standard Service	Osceola	67000056	213	In Progress	4/1/2015		X	\$620,000	\$1,155,933	RS	Monitoring effectiveness of remedial actions.
Consolidated Aluminum Tubing	Osceola	67000003	201	PLP	10/1/1999		X	\$350,000		AW	
Eagle Village	Osceola	67000052	213	Cancelled	9/1/2012		X	\$150,000		RS	
Former Rancour Prop Chestnut St	Osceola	67000022	201	Closed	11/1/2012		X	\$2,225,000	\$1,952,670	RS	
GW Contam W. Rose Lake	Osceola	67000006	201	Closed	3/1/2013		X	\$19,000	\$833	AW	
GW Contam W. Rose Lake	Osceola	67000006	201	Closed	3/1/2013		X	\$50,000	\$46,098	RS	
Hersey Party Store	Osceola	67000150	213	OM	4/1/2016		X	\$0	\$8,999	AW	
Hersey Party Store	Osceola	67000150	213	OM	4/1/2016		X	\$150,000	\$80,754	RS	
Jenkins Oil Co.	Osceola	67000095	213	Closed	9/1/2000	X		\$5,000		RS	
Joe's Sales & Service/Evart LF	Osceola	67000008	201	PLP	2/1/1999		X		\$450	AW	
LeRoy Garage	Osceola	67000028	213	Closed	10/1/2012		X	\$663,000	\$534,947	RS	
Lowing's Auto	Osceola	67000146	213	Closed	6/1/2012		X	\$270,000	\$69,295	RS	
Neal's Service	Osceola	67000145	213	Monitoring	7/1/2014		X	\$495,000	\$236,369	RS	
Old Koppers Site Hersey River	Osceola	67000007	201	PLP	2/1/1999		X	\$500,000	\$37,150	RS	
Orrie Erbes Station	Osceola	67000092	213	Closed	2/1/2003	X		\$11,000	\$53,709	RS	
Osceola Oil Company	Osceola	67000087	213	Funding Hold			X	\$0		RS	Remedial actions are being conducted under another project.
Osceola Refinery (former)	Osceola	67000076	201	OM	9/30/2015	X	X		\$2,500	AW	
Osceola Refinery (former)	Osceola	67000076	201	OM	9/30/2015	X	X	\$3,400,000	\$3,459,543	RS	
Pete's Place	Osceola	67000071	213	Closed	10/1/2012	X	X	\$313,000	\$596,116	RS	
Ralph's Marathon	Osceola	67000068	213	Funding Hold			X	\$400,000	\$253,147	RS	Pursuing enforcement of liable party. Need soil and groundwater treatment.
Res Well Division St	Osceola	67000023	213	Closed	2/1/1999		X		(\$8,916)	RS	
Res Well Lhamon	Osceola	67000032	201	Closed	12/1/2000		X	\$8,000		AW	
Richmond Sanitary Landfill	Osceola	67000021	201	PLP	4/1/2005		X	\$450,000	\$125,446	RS	
Ridderman Oil Bulk Plant	Osceola	67000026	201	Closed	2/1/1999		X	\$235,000	\$187,817	RS	
Rohen Landfill	Osceola	67000072	201	Funding Hold			X	\$75,000	\$65,793	RS	Need to monitor residential wells annually.
Tiel Oil Co.	Osceola	67000040	213	In Progress	4/1/2017		X	\$600,000	\$169,922	RS	Investigation in progress to determine appropriation response actions.
Don's Marathon	Oscoda	68000013	213	In Progress	9/30/2016		X	\$850,000	\$426,595	RS	Injections and groundwater monitoring are in progress.
Family Book Shelve	Oscoda	68000024	213	In Progress	12/31/2019		X	\$1,560,000	\$693,392	RS	Groundwater monitoring being conducted to determine effectiveness of treatment.
Hoskins Manufacturing	Oscoda	68000001	201	Monitoring	9/30/2023		X	\$4,361,000	\$4,558,224	RS	
Mio Res Wells	Oscoda	68000011	201	Funding Hold			X	\$2,000,000	\$2,569,775	AW	
Mio Res Wells	Oscoda	68000011	201	Funding Hold			X	\$1,625,000	\$757,431	RS	Need to conduct monitoring.
Chester Twp Hydrocarbon Spill	Otsego	69000017	201	PLP	5/1/1998		X	\$31,500		RS	
Higgins Industries Vanderbilt	Otsego	69000008	201	PLP	5/1/1998		X	\$3,750,000		RS	
O'Rourke Wrecker Service	Otsego	69000037	213	Closed	10/1/2002	X		\$24,000		RS	
Stevenson Oil Company	Otsego	69000081	201	Complete	12/31/2013		X	\$100,000	\$62,137	RS	
West Otsego Lake Grocery	Otsego	69000033	213	Monitoring	9/30/2015		X	\$50,000	\$560	AW	
West Otsego Lake Grocery	Otsego	69000033	213	Monitoring	9/30/2015		X	\$1,100,000	\$223,692	RS	

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BASIC SITE INFORMATION								FUNDING INFORMATION		RESPONSE ACTIONS	
SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Williams Service	Otsego	69000078	213	Cancelled	11/1/2005	X		\$48,000		RS	
Anderson Bolling Mfg	Ottawa	70000020	201	Closed	3/1/2000	X		\$500,000		AW	
Anderson Bolling Mfg	Ottawa	70000020	201	Closed	3/1/2000		X	\$1,090,000	\$3,500	RS	
ASP Mfg. Co. Inc.	Ottawa	70000065	201	Closed	5/1/2012		X	\$2,310,000	\$2,960,820	RS	
ATCO Rubber Products, Inc	Ottawa	70000001	201	PLP	10/1/1998		X			RS	
B & J Industrial Finishing	Ottawa	70000002	201	Monitoring	12/31/2015		X	\$1,430,000	\$1,163,208	RS	
Ensing's Auto Repair	Ottawa	70000382	213	Cancelled	11/1/2005		X	\$250,000		RS	
Fenske LF Ottawa Co	Ottawa	70000004	201	OM	12/30/2030		X	\$3,691,000	\$3,095,728	RS	
Ferrysburg Area GW Contam	Ottawa	70000028	201	Closed	12/1/2000		X	\$654,158	\$34,627	RS	
Fligel #1	Ottawa	70000170	201	Closed	11/1/2001		X	\$48,000	\$85,883	AW	
Fmr Burnside Mfg Co	Ottawa	70000041	201	PLP			X	\$750,000	\$1,690	RS	
Grand Valley Marina #1	Ottawa	70000383	213	Closed	6/1/2002	X		\$24,000		RS	
Holland Twp Park Dump	Ottawa	70000007	201	Cancelled	6/1/2012		X	\$956,000		RS	
Jacobusse Refuse/Waste Mgmt-Holland Lagoons	Ottawa	70000010	201	PLP	5/1/1998		X		\$46,180	SF	
Jamestown Garage	Ottawa	70000381	213	In Progress	10/31/2014		X	\$1,305,000	\$272,446	RS	Vapor intrusion study and groundwater monitoring.
Ottawa Steel Products	Ottawa	70000043	201	Funding Hold			X	\$350,000	\$545,044	RS	Need to continue groundwater monitoring for volatile organic compounds.
Res Well Lakeshore Dr	Ottawa	70000095	201	Closed	7/1/2000		X	\$52,000	\$93,813	AW	
Rozema Waste Garage Area	Ottawa	70000017	201	Closed	5/1/2012		X	\$1,575,000	\$235,981	RS	
Southwest Ottawa County Landfill	Ottawa	70000024	201	Complete	12/31/2013		X		\$218,655	SF	
Superior Plating	Ottawa	70000023	201	Closed	3/1/2007		X	\$2,320,000	\$126,725	RS	
Vans Refinishing	Ottawa	70000026	201	Closed	8/1/1999		X	\$44,000		AW	
Vans Refinishing	Ottawa	70000026	201	Closed	8/1/1999		X	\$895,842	\$29,852	RS	
Western Machine Tool Works	Ottawa	70000367	201	Closed	4/1/2005	X		\$75,000	\$375,032	RS	
Alice's Restaurant (former)	Presque Isle	71000023	213	Monitoring	12/31/2015		X	\$930,000	\$322,699	RS	
Draysey #1 oil Prod & Brine Disposal Wells	Presque Isle	71000017	201	Closed	6/1/2001		X	\$200,000		RS	
Radio Tavern & Grocery	Presque Isle	71000008	213	Monitoring	10/1/2016		X	\$2,070,000	\$158,869	RS	
Rogers City Area Senior Property	Presque Isle	71000048	213	Complete	12/31/2013	X		\$80,000	\$170,836	RS	
Village of Millersburg	Presque Isle	71000032	213	Closed	7/1/2002		X	\$25,000	\$65,311	RS	
Barbier Bulk Oil Plant	Roscommon	72000012	201	Closed	10/1/2007		X	\$66,000	\$149,184	RS	
Big Mac's Market	Roscommon	72000002	213	Monitoring	12/31/2014		X	\$167,500	\$290,521	RS	
CARGEM	Roscommon	72000024	201	Closed	3/1/1994		X	\$75,000		RS	
Charlie's Place	Roscommon	72000061	213	OM	8/31/2020		X	\$1,550,000	\$2,449,239	RS	
Dry Cleaner Former	Roscommon	72000083	201	Closed	10/1/2003	X	X	\$300,000	\$83,184	RS	
Edgewater Marine	Roscommon	72000107	213	Cancelled	9/1/2013		X	\$50,000		RS	
Federal Ave Bulk Plant (former)	Roscommon	72000090	201	Complete	12/31/2013	X	X	\$150,000	\$199,249	RS	
Fuller Oil Bulk Pant	Roscommon	72000025	201	Complete	12/31/2013		X	\$950,000	\$325,940	RS	
G & T Gas and Oil	Roscommon	72000029	213	Closed	7/1/2001		X	\$150,000	\$37,479	RS	
Houghton Lake Heights #89-1	Roscommon	72000019	201	Closed	3/1/2002	X		\$75,000	\$25,073	RS	
Kilgour Property	Roscommon	72000080	213	Closed	5/1/2001		X	\$100,000	\$31,478	RS	
Larry Lajb Property	Roscommon	72000081	213	Cancelled	9/1/2013		X	\$250,000		RS	
Little's	Roscommon	72000106	213	Closed	6/1/2000	X		\$10,000		RS	
Mary Blundell	Roscommon	72000072	213	Closed	8/1/1999	X		\$30,000		RS	
Res Wells Markey Twp	Roscommon	72000011	201	Complete	12/31/2013		X	\$130,000	\$38,704	AW	
Res Wells Markey Twp	Roscommon	72000011	201	Complete	12/31/2013		X	\$475,000	\$257,511	RS	
Roscommon, Village of	Roscommon	72000054	201	PLP	3/1/1999		X	\$350,000	\$134,297	RS	

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SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Simmer Street	Roscommon	72000027	201	Closed	1/1/1994		X	\$350,000		RS	
State B-1	Roscommon	72000028	201	Monitoring			X	\$200,000	\$190,737	RS	
Wert Pratt Property	Roscommon	72000062	213	Closed	2/1/2002	X		\$310,000	\$71,973	RS	
100-1000 N. Niagara	Saginaw	73000517	201	Closed	9/1/2003	X		\$100,000	\$17,050	RS	
1815 & 2015 Hess	Saginaw	73000526	201	Cancelled	5/1/2002	X		\$50,000		RS	
1900 Block N. Niagara Street	Saginaw	73000519	201	Closed	9/1/2003	X		\$25,000	\$29,215	RS	
3100 Carrollton Road	Saginaw	73000516	201	Closed	3/1/2002	X		\$50,000	\$42,265	RS	
Action Auto #16	Saginaw	73000557	213	Closed	5/1/2000	X		\$65,000		RS	
Ad Art	Saginaw	73000065	201	Closed	11/1/1991		X	\$20,000		RS	
Albee Marathon	Saginaw	73000647	213	In Progress			X	\$200,000		RS	Investigation to determine risks to public water supply is planned.
Bauer & Bauer	Saginaw	73000150	201	Closed	3/1/2002	X		\$50,000	\$68,292	RS	
Bill's Full Service	Saginaw	73000568	213	Closed	4/1/2000	X		\$7,000		RS	
Chapin General Store	Saginaw	73000564	213	In Progress	5/1/2017		X	\$1,690,000	\$1,884,731	RS	Groundwater collection and treatment system is in operation.
Checker #7691	Saginaw	73000216	213	Closed	9/1/2000	X		\$100,000		RS	
Convenience Store/Barbara Gales	Saginaw	73000574	213	Closed	7/1/2002	X		\$205,000	\$96,099	RS	
Country Style Donuts, Inc.	Saginaw	73000559	213	Closed	3/1/2000	X		\$5,000		RS	
Crosstown Marathon	Saginaw	73000563	213	Closed	2/1/2000	X		\$13,000		RS	
Crow Island Lf Z Bridge	Saginaw	73000078	201	PLP	2/1/1999		X	\$874,600		RS	
CSX Freeland Trainwreck	Saginaw	73000129	201	Closed	1/1/1992		X	\$250,000		RS	
Dixie and Maple Roads Resident	Saginaw	73000433	201	Closed	3/1/2001	X	X	\$25,000	\$446,068	RS	
DNR #25967	Saginaw	73000575	213	Closed	6/1/2002		X	\$50,000	\$68,713	RS	
Ferro Met Salvage Yard	Saginaw	73000012	201	Closed	7/1/2012		X	\$220,000	\$198,024	RS	
Fill & Wash	Saginaw	73000576	213	Closed	4/1/2000		X	\$250,000		RS	
GM Saginaw Malleable Iron Plant	Saginaw	73000014	201	PLP	7/1/2012		X	\$250,000	\$41,060	RS	
Hafner's Service	Saginaw	73000069	213	Closed	7/1/2012		X	\$200,000	\$129,455	RS	
Heritage Federal Savings	Saginaw	73000253	213	Closed	4/1/2003	X		\$230,000	\$63,310	RS	
Janes Street, 2984	Saginaw	73000583	213	Complete	12/31/2013		X	\$325,000	\$222,632	RS	
Janes Street, 3035	Saginaw	73000582	213	PLP	7/1/2012		X	\$325,000	\$207,574	RS	
K.C. Engineering	Saginaw	73000482	213	Closed	2/1/2000		X	\$50,000		RS	
Kucher's Service	Saginaw	73000567	213	Closed	7/1/2012	X		\$775,000	\$144,498	RS	
Larson 2605 Carrollton	Saginaw	73000412	201	Closed	11/1/1995		X	\$300,000	\$49,478	RS	
Lawler #1, 2428 Hermansau	Saginaw	73000410	201	Closed	11/1/1995		X	\$300,000	\$55,220	RS	
Lovell's Log Cabin Bar Inc.	Saginaw	73000572	213	Closed	3/1/2002		X	\$50,000	\$46,602	RS	
Lufkin Rule	Saginaw	73000449	201	Closed	2/1/1999	X	X	\$400,000	\$1,191,300	RS	
Marvin McCray	Saginaw	73000581	213	Cancelled	9/1/2013		X	\$375,000		RS	
MDOT M13 Ramps	Saginaw	73000133	201	In Progress	10/31/2022		X	\$250,000	\$158,704	RS	Free petroleum product recovery in progress.
National Plate Glass (L.A. Davidson)	Saginaw	73000406	201	OM	11/1/2042	X	X	\$1,320,000	\$5,351,181	RS	
Peet Packing Co.	Saginaw	73000298	213	Closed	5/1/2002	X		\$300,000		RS	
Saginaw Oil Field	Saginaw	73000411	201	Closed	6/1/2001		X	\$300,000	\$440,894	RS	
Saginaw Paint Saginaw Coatings	Saginaw	73000025	201	Closed	2/1/2009		X	\$895,000	\$195,678	RS	
Sawmill Park	Saginaw	73000518	201	Closed	9/1/2003	X		\$200,000	\$215,063	RS	
Seltzer/Grieb Property	Saginaw	73000570	213	Closed	11/1/2005		X	\$100,000	\$103,684	RS	
Severance Tool Industries Inc	Saginaw	73000031	201	PLP	10/1/1998		X	\$881,500	\$151	RS	
Shields Manufacturing	Saginaw	73000033	201	Closed	8/1/1994		X	\$440,700		RS	
Shield's Marathon	Saginaw	73000451	213	Closed	3/18/2013	X		\$253,000	\$423,835	RS	
Stanley Cupp	Saginaw	73000561	213	Closed	4/1/2000	X		\$5,000		RS	

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SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Stanley Hill	Saginaw	73000562	213	Funding Hold		X		\$259,000	\$66,645	RS	Need to define extent of contamination, remove soil, and recover free petroleum product.
Sunoco (former)	Saginaw	73000571	213	Closed	5/1/2000	X		\$5,000		RS	
Thomson Products	Saginaw	73000037	201	Closed	6/1/1997		X	\$405,000		RS	
Treasure Island	Saginaw	73000063	213	Closed	10/1/2002		X	\$50,000	\$54,284	RS	
Tulsa Station (former)	Saginaw	73000573	213	Closed	9/1/2007	X		\$84,000	\$300,075	RS	
Westervelt, 805 S.	Saginaw	73000677	213	In Progress	6/30/2016		X	\$275,000	\$56,444	RS	Removal and disposal of contaminated soil and groundwater monitoring in process.
Yeong P. Hong	Saginaw	73000560	213	Closed	36495	X		\$7,000		RS	
AMCO Group	Sanilac	76000127	213	In Progress	5/31/2016		X	\$400,000	\$137,058	RS	Planned actions include determine the extent of free petroleum product and dissolved contamination in the groundwater, determine the potential for vapor intrusion, and conduct free petroleum product recovery.
Asher Oil	Sanilac	76000120	213	Closed	4/1/2003		X	\$125,000	\$61,004	RS	
Black River St 2381	Sanilac	76000124	201	Funding Hold			X	\$300,000		RS	Need to evaluate off site residential risks, determine hydrological conditions, abandon municipal well.
J & D Market	Sanilac	76000121	213	Closed	12/1/1999		X	\$250,000		RS	
Sangster Property	Sanilac	76000138	213	In Progress	2/1/2016		X	\$350,000		RS	Soil excavation to be conducted.
Serrata Jewett	Sanilac	76000132	213	Closed	10/1/2001	X		\$5,000	\$55,810	RS	
Yale Rubber Company	Sanilac	76000026	201	PLP	36951		X	\$200,000	\$79,041	AW	
Emerald City Car Wash	Schoolcraft	77000029	213	Closed	6/1/1999		X	\$450,000		RS	
Former Standard Oil Bulk Plant	Schoolcraft	77000037	201	Closed	6/1/2001	X		\$40,000	\$121,069	RS	
Jack's	Schoolcraft	77000043	213	Closed	3/1/2003	X		\$5,000	\$26,129	RS	
Lawrence's	Schoolcraft	77000042	213	Closed	6/1/2003	X		\$5,000	\$31,184	RS	
Manistique Industrial Park	Schoolcraft	77000014	201	Closed	10/1/2012		X	\$780,000	\$917,370	RS	
Manistique River Slips	Schoolcraft	77000007	201	PLP	2/1/1998		X	\$88,000		RS	
Mueller Township Hall	Schoolcraft	77000028	201	Closed	4/1/2002		X	\$12,000		AW	
Nifty 50's	Schoolcraft	77000039	213	Closed	6/1/2001	X		\$5,000	\$9,783	RS	
Old Woods Bulk Plant	Schoolcraft	77000036	201	Closed	5/1/2002	X		\$70,000	\$217,952	RS	
Res Wells, City of Cooks	Schoolcraft	77000008	213	Closed	8/1/2005		X	\$28,700	\$11,107	AW	
Abandoned-4637 Lansing	Shiawassee	78000131	213	Closed	9/1/2012	X		\$150,000	\$101,596	RS	
Ann Arbor Railroad Yard	Shiawassee	78000002	201	Complete	12/31/2013	X	X	\$450,000	\$1,517,254	RS	
Berger/Conagra	Shiawassee	78000125	201	Complete	12/31/2013	X		\$250,000	\$522,055	RS	
Flint Industrial Plating	Shiawassee	78000005	201	Closed	2/1/1999		X	\$195,100		RS	
Former Gas Station-104 W. Grand River	Shiawassee	78000130	213	Closed	9/1/2012	X		\$660,000	\$224,316	RS	
Frank's Service	Shiawassee	78000099	213	In Progress	7/30/2022		X	\$381,000	\$186,133	RS	Soil and groundwater delineation in process.
Magnetek	Shiawassee	78000056	201	Monitoring	5/1/2019		X	\$475,000	\$735,532	RS	
Oliver Machinery Co	Shiawassee	78000100	201	Closed	11/1/2005	X		\$110,000	\$180,620	RS	
Owosso Sugar Beet Complex	Shiawassee	78000124	201	Complete	12/31/2013	X		\$1,200,000	\$791,100	RS	
Raymond Ayotte	Shiawassee	78000142	213	In Progress	7/1/2022		X	\$135,000	\$58,741	RS	Soil and groundwater delineation in process.
Redmonds	Shiawassee	78000101	201	Funding Hold		X		\$50,000	\$404,974	RS	Need to conduct monitoring.
Save-U Station (former)	Shiawassee	78000128	213	Monitoring	9/30/2014	X		\$1,013,000	\$848,472	RS	
Semet-Solvay	Shiawassee	78000123	201	Complete	12/31/2013	X		\$500,000	\$344,102	RS	

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SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Shiawassee Sanitary LF	Shiawassee	78000071	201	PLP	9/1/2013		X	\$200,000	\$661,260	RS	
Talbot's Party Store	Shiawassee	78000129	213	Closed	11/1/2003	X		\$250,000		RS	
Anady Property	St. Clair	74000226	213	Complete	12/31/2013		X	\$280,000	\$437,261	RS	
Former Gulf Station	St. Clair	74000227	213	Closed	6/1/2012		X	\$250,000	\$279,284	RS	
Fort Gratiot Sanitary Landfill	St. Clair	74000161	201	OM	7/1/2041		X	\$7,095,000	\$7,760,733	RS	
Four C's Party Store	St. Clair	74000076	213	Closed	11/1/2012		X	\$200,000	\$346,494	RS	
Harsens Island Barrel Dump	St. Clair	74000003	201	Closed	3/1/2002		X	\$200,000	\$141,073	RS	
Hoover Chemical/Reeve Products	St. Clair	74000004	201	Closed	3/1/2002		X		\$60,327	RS	
Huron Development Landfill	St. Clair	74000162	201	Complete	12/1/2013		X	\$916,000	\$1,464,767	RS	
Starville Road Site	St. Clair	74000228	213	Closed	1/1/2001		X	\$500,000	\$2,798	RS	
Sweet's Enterprises Inc.	St. Clair	74000225	213	Closed	8/1/2001	X		\$15,000	\$69	RS	
Whitecomb Barrel Dump	St. Clair	74000012	201	Closed	8/1/1993		X	\$225,000		RS	
Winchester Disposal	St. Clair	74000013	201	Funding Hold			X	\$2,950,000	\$1,353,036	RS	Hold on installation of cap or slurry wall until additional funds secured and pending purchase by township.
Broker Services	St. Joseph	75000040	213	Closed	9/1/2007		X	\$250,000	\$206,500	RS	
Constantine Res Well	St. Joseph	75000027	201	Cancelled	7/1/2001		X	\$6,000	\$1,347	AW	
Corey Lake Marina	St. Joseph	75000102	213	Closed	5/1/1999		X			RS	
Decker Service	St. Joseph	75000060	213	Monitoring	3/31/2014		X	\$825,000	\$308,020	RS	
Fawn River & Nottawa	St. Joseph	75000109	201	Closed	4/1/2004		X	\$70,000	\$355,180	AW	
Former Duff's Shell	St. Joseph	75000086	213	In Progress	1/31/2014		X	\$200,000	\$95,449	RS	Investigation to determine extent of contamination in progress.
Former Essex Wire	St. Joseph	75000115	201	Funding Hold			X	\$1,000,000	\$51,748	RS	Demolition and underground storage tank removal needed.
Former Gas Station-30880 M-60	St. Joseph	75000126	213	Closed	12/1/2002	X		\$73,000	\$103,775	RS	
Fruit Market	St. Joseph	75000125	213	Closed	12/1/2001		X	\$150,000	\$76,833	RS	
Klinger Lake Marina Inc.	St. Joseph	75000123	213	Closed	4/3/2013		X		\$883,203	RS	
Leonidas Area Wells	St. Joseph	75000129	201	PLP	4/11/2013		X	\$100,000		AW	
Lutz & Featherstone	St. Joseph	75000104	201	Closed	7/1/2001		X	\$10,000	\$3,783	AW	
Mun Well #1, Village of Burr Oak	St. Joseph	75000038	201	Closed	7/1/2001		X	\$100,000		AW	
Park Township Dachtahl (DCPA)	St. Joseph	75000121	201	Closed MO	4/11/2013		X	\$3,000,000	\$6,511,766	AW	
Payless SuperAmerica	St. Joseph	75000029	213	Monitoring	9/30/2013		X	\$942,000	\$945,061	RS	
Sturgis Municipal Wells	St. Joseph	75000016	201	PLP	12/1/1997		X		\$95,146	SF	
SW Sturgis TCE	St. Joseph	75000119	201	Cancelled	2/24/2013		X	\$750,000		AW	
Tuff Coat Dinol	St. Joseph	75000124	213	Closed	4/1/2002	X		\$10,000	\$62,270	RS	
Wyall Property	St. Joseph	75000122	213	Closed	3/3/2002	X		\$10,000	\$77,898	RS	
Youngs Landfill	St. Joseph	75000024	201	OM	48853		X	\$560,000	\$4,188,683	RS	
Aaron Elek Oil	Tuscola	79000035	201	Cancelled	12/1/2009		X	\$750,000		RS	
Ed's Garage	Tuscola	79000128	213	Closed	7/1/1999	X		\$13,000		RS	
Former Clark #1586	Tuscola	79000147	213	Funding Hold			X	\$300,000		RS	Need to remove free petroleum product, conduct groundwater monitoring, and prepare feasibility study.
Former Gagetown Gas & Oil Total	Tuscola	79000114	213	In Progress	12/1/2013		X	\$400,000	\$641,599	RS	Investigation to define extent of groundwater contamination and a vapor intrusion evaluation will be conducted.
Frank Storm- Former Storm Oil & Gas	Tuscola	79000131	213	Closed	1/1/2003	X		\$5,000	\$50,586	RS	
Imlay City Gas & Oil	Tuscola	79000073	213	Monitoring	12/1/2015		X	\$100,000	\$140,830	RS	
Imlay City Gas and Oil	Tuscola	79000150	213	PLP			X	\$65,000		RS	
Mr. C's Service	Tuscola	79000066	213	Funding Hold			X	\$350,000	\$220,804	RS	Need to evaluate onsite cistern and crock well and abandon if necessary.

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SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
One Stop Party Store	Tuscola	79000157	213	In Progress	9/30/2016		X	\$800,000	\$154,262	RS	Operation of treatment system in progress Vapor barrier to be installed.
RCS Evans Products	Tuscola	79000019	201	Closed	7/1/2012		X	\$350,000	\$966,683	RS	
Salmo Property	Tuscola	79000130	213	Closed	7/1/2012		X	\$590,000	\$383,955	RS	
Tuscola Land Development Inc	Tuscola	79000006	201	Monitoring	10/1/2017		X	\$1,250,000	\$57,591	RS	
1070 Indiana (National Motor Casings)	Van Buren	80000195	201	Closed	8/1/2005	X		\$200,000	\$1,890,883	RS	
51st St & 76th Ave	Van Buren	80000100	201	Closed	8/1/2001		X	\$18,000	\$29,443	AW	
65108 Red Arrow Hwy Hartford	Van Buren	80000101	201	Monitoring	12/1/2012		X	\$40,000	\$25,058	AW	
95th Ave Contamination	Van Buren	80000029	201	Closed	4/3/2013		X	\$10,000	\$226	AW	
Belgravia (former Hamlin Overton)	Van Buren	80000010	201	In Progress	12/31/2014		X	\$850,000	\$1,441,553	RS	Basement waterproofing and installation of vapor intrusion barrier to be conducted.
Broekhutzen Produce	Van Buren	80000236	213	Funding Hold			X	\$100,000		RS	Need free petroleum product evaluation.
Clark Store #1126	Van Buren	80000060	213	Closed	5/3/2013		X	\$350,000	\$170,273	RS	
Commercial Street Industrial Area	Van Buren	80000155	201	In Progress	4/30/2025		X	\$1,005,000	\$931,683	RS	Implementation of extended pilot study and demolition and removal of contaminated building structures. Project is currently funded by SWQI.
CR 378 Sludge Pits, Covert Twp	Van Buren	80000041	201	Closed	1/1/2003		X	\$300,000	\$438,930	RS	
CR 681 at Black River	Van Buren	80000040	201	Closed	8/1/2005	X	X	\$1,000,000	\$4,174,238	RS	
Dane Building	Van Buren	80000198	201	Closed	7/1/2001	X		\$125,000	\$225,205	RS	
Drew, Ripple Property	Van Buren	80000255	213	In Progress	12/31/2013		X	\$300,000	\$58,956	RS	Investigation to determine the extent of contamination in progress.
Green Acres Subdivision	Van Buren	80000219	201	Funding Hold			X	\$100,000		AW	
Green Acres Subdivision	Van Buren	80000219	201	Funding Hold			X		\$2,264	RS	Need investigation to define extent of contamination.
Intersect 78th Ave & 46th St	Van Buren	80000097	201	Closed	8/1/2001		X			AW	
Joe's Mini Mart	Van Buren	80000212	213	Cancelled	3/25/2013		X	\$200,000		RS	
Lakeside Kwik Stop	Van Buren	80000130	213	Closed	7/1/2012		X	\$840,000	\$964,602	RS	
M-51 45263 (Community Mills)	Van Buren	80000098	201	Closed	4/3/2013		X	\$52,500	\$47,746	AW	
Midway Grocery	Van Buren	80000109	213	Cancelled	3/25/2013		X	\$250,000		RS	
Pullman Industries	Van Buren	80000211	213	Funding Hold			X	\$450,000	\$201,456	RS	Need additional investigation.
Res Well 55430 M-51	Van Buren	80000044	201	PLP	4/18/2013		X	\$10,000		AW	
Res Well Grand Junction	Van Buren	80000018	201	Cancelled	7/1/2001		X	\$16,000	\$6,666	AW	
Res Well Pine Grove Twp	Van Buren	80000024	201	Closed	4/3/2013		X	\$6,000	\$6,045	AW	
Roy Smothers	Van Buren	80000254	213	In Progress	12/31/2013		X	\$300,000	\$149,205	RS	Soil removal in progress.
Rudell Real Estate	Van Buren	80000245	213	Closed	5/3/2013		X	\$200,000	\$240,484	RS	
Van Buren 85320 Contam	Van Buren	80000036	201	Cancelled	7/1/2001		X	\$2,000		AW	
206 N. Grove	Washtenaw	81000483	201	Closed	12/1/2002	X		\$250,000	\$246,984	RS	
320 N Main	Washtenaw	81000490	201	Funding Hold			X	\$350,000	\$74,665	RS	Investigation to confirm no risk to municipal well is needed.
Al Walters Heating & A.C.	Washtenaw	81000512	213	Closed	2/1/2000	X		\$10,000		RS	
Arbor Wash	Washtenaw	81000218	213	OM	9/30/2020		X	\$735,000	\$264,679	RS	
Arborland Mall	Washtenaw	81000492	213	Closed	1/1/2001		X	\$30,000	\$14	RS	
Armens Cleaners	Washtenaw	81000005	201	OM			X	\$3,450,000	\$571,764	RS	
Benedict's Service	Washtenaw	81000511	213	Closed	3/1/2000		X	\$15,000		RS	
Broadway Coin laundry	Washtenaw	81000497	201	PLP	9/1/2013		X	\$100,000	\$63,942	RS	
Chelsea Shell/Chelsea Amoco	Washtenaw	81000352	213	Closed	2/1/2001		X	\$500,000		RS	
Convenience Depot	Washtenaw	81000522	213	Closed	10/1/2002		X	\$40,000		RS	

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**Appendix B: Report of the Environmental Cleanup and Redevelopment Program**  
**Remediation and Redevelopment Division**  
**Fiscal Year 2013**

BASIC SITE INFORMATION								FUNDING INFORMATION		RESPONSE ACTIONS	
SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Dexter Sunoco	Washtenaw	81000529	213	PLP	8/1/2005		X	\$45,000		RS	
Don Schultz	Washtenaw	81000478	213	Closed	8/1/2000		X	\$15,000		RS	
D's Auto Clinic	Washtenaw	81000516	213	Closed	10/1/2003		X	\$243,000	\$101,938	RS	
ELS Enterprises	Washtenaw	81000525	213	Closed	3/1/2000	X		\$10,000		RS	
Evellyn Gibbons	Washtenaw	81000572	213	In Progress	1/31/2015		X	\$400,000	\$129,128	RS	Source soil removal to be conducted.
Fmr. Clark #1620	Washtenaw	81000397	213	Cancelled	9/1/2013		X	\$250,000		RS	
Former Gas Station- Huron St.	Washtenaw	81000527	213	Closed	5/1/2000	X		\$15,000		RS	
Fred's Country Sunoco	Washtenaw	81000573	213	In Progress	8/31/2014		X	\$300,000	\$141,290	RS	Vacuum extraction in progress.
Gelman Sciences Inc	Washtenaw	81000018	201	PLP	9/1/2013		X	\$480,000	\$54,718	AW	
Gelman Sciences Inc	Washtenaw	81000018	201	PLP	9/1/2013		X	\$3,000,000	\$54,090	RS	
Homesick Café	Washtenaw	81000515	213	Closed	11/1/2003		X	\$25,000	\$69	RS	
Independent Heat Treat	Washtenaw	81000020	201	Closed	6/1/2002	X		\$150,000	\$121,489	RS	
Indesco Industries	Washtenaw	81000520	213	Closed	3/1/2000	X		\$15,000		RS	
J & M Oil Co.	Washtenaw	81000379	213	Closed	3/1/2003		X		\$83,879	RS	
Jimmie's Filling Station	Washtenaw	81000526	213	In Progress	9/30/2015	X		\$225,000	\$688,074	RS	Vacuum truck extractions to be conducted.
K-Mart #4105	Washtenaw	81000180	213	Closed	10/1/2002		X	\$20,000		RS	
Lloyd Cochran	Washtenaw	81000127	213	Complete	12/31/2013		X	\$820,000	\$135,582	RS	
Madison & Main Streets	Washtenaw	81000523	213	Closed	2/1/2001		X	\$175,000		RS	
Main & Summit	Washtenaw	81000530	213	PLP	11/1/2004	X		\$250,000		RS	
McKean Rd GW Contam	Washtenaw	81000198	201	Closed	6/1/1999		X	\$200,000	(\$61,837)	AW	
Mich. Con Broadway Site	Washtenaw	81000025	201	PLP	6/1/2002		X	\$300,000	\$2,573	RS	
Michael Hirsch	Washtenaw	81000528	213	Closed	9/1/2001		X	\$45,000	\$69	RS	
Res Well Rawsonville Road	Washtenaw	81000410	201	Complete	12/31/2013		X	\$5,000	\$744	AW	
River Flame Restaurant (former)	Washtenaw	81000518	213	Closed	1/1/2001		X	\$25,000	\$69	RS	
Rose Uphaus	Washtenaw	81000519	213	Closed	3/1/2000	X		\$10,000		RS	
Rowe Texaco	Washtenaw	81000086	213	Complete	12/31/2013		X	\$200,000	\$194,349	RS	
S & S Auto	Washtenaw	81000227	213	In Progress	2/29/2016		X	\$990,000	\$370,283	RS	Vacuum truck extractions to be conducted.
Staebler Road GW Contam	Washtenaw	81000036	201	PLP	3/1/2001		X	\$1,356,000	\$4,745	RS	
Star Stop	Washtenaw	81000133	213	Closed	11/1/1997		X	\$200,000		RS	
Sunshine Oil	Washtenaw	81000574	213	Complete	12/31/2013		X	\$200,000	\$49,394	RS	
Super Car Wash Systems	Washtenaw	81000514	213	Closed	1/1/2001		X	\$25,000	\$69	RS	
Thomas A. Leach	Washtenaw	81000521	213	Closed	11/1/2003		X	\$45,000	\$69	RS	
Thomas Solvents Rawsonville	Washtenaw	81000040	201	Complete	12/31/2013		X	\$0	\$72	AW	
Thomas Solvents Rawsonville	Washtenaw	81000040	201	Complete	12/31/2013		X	\$1,600,000	\$1,080,417	RS	
Total #2542 (former)	Washtenaw	81000330	213	Complete	4/30/2014		X	\$605,000	\$935,593	RS	
Varsity Linen Service	Washtenaw	81000309	213	Closed	2/1/2001		X	\$3,000		RS	
Vlg of Dexter Municipal Wells	Washtenaw	81000482	201	Closed	3/1/2002		X	\$450,000	\$382,414	AW	
Vlg of Dexter Municipal Wells	Washtenaw	81000482	201	Closed	3/1/2002		X	\$381,000	\$165,489	RS	
Whittaker General Store	Washtenaw	81000524	213	Complete	12/31/2013	X		\$100,000	\$269,678	RS	
Wilberne Forbes	Washtenaw	81000513	213	Closed	3/1/2000	X		\$10,000		RS	
Willow Run Creek Area	Washtenaw	81000048	201	PLP	2/1/1998		X	\$76,000	\$29,729	RS	
10949 E. Warren	Wayne	82001822	213	Cancelled	5/1/2005	X		\$15,000	\$69	RS	
11 Moss	Wayne	82001637	201	Closed	9/1/2003	X		\$300,000	\$363,661	RS	
1941 Ferry Park & 6195 Vermont	Wayne	82001866	213	Closed	7/1/2001	X		\$50,000	\$563	RS	
21402 Schoolcraft	Wayne	82001853	213	Closed	8/1/2001	X		\$47,000		RS	
25049 Grand River	Wayne	82001958	213	Closed	5/1/2001	X		\$20,000		RS	
25891 Sumpter Rd.	Wayne	82001944	213	Closed	3/1/2002	X		\$20,000		RS	
35600 Goddard	Wayne	82001638	201	Closed	11/1/2003	X		\$125,000	\$156,090	RS	

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SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
385 Midland	Wayne	82001558	201	Closed	4/1/2001	X		\$500,000	\$6,000	RS	
65 Piquette Property	Wayne	82001639	201	Closed	1/1/2002	X		\$400,000	\$869,956	RS	
7 Mile & I-75 Petro Mart	Wayne	82002460	213	PLP			X	\$150,000		RS	
7440 Edgeton	Wayne	82001630	201	Closed	6/1/2002	X		\$200,000	\$80,464	RS	
8 Mile & Gratiot	Wayne	82002461	213	PLP			X	\$150,000		RS	
9200 E. Warren Ave.	Wayne	82001956	213	Closed	6/1/2001	X		\$30,000	\$10,045	RS	
A.R. Lintern, Inc.	Wayne	82001858	213	Closed	1/1/2000	X		\$20,000		RS	
Abandoned Gas Station (19637 Sumpter Rd)	Wayne	82001861	213	Cancelled	5/1/2005	X		\$100,000		RS	
Almas & Sons	Wayne	82001953	213	Closed	11/1/2003	X		\$20,000	\$69	RS	
Alpine, 9000	Wayne	82001668	201	Closed	9/1/2003	X		\$350,000	\$891,133	RS	
Anaconda Brass	Wayne	82001505	201	Closed	4/1/2000	X	X	\$2,750,000	\$1,908,599	RS	
Anmas Inc.	Wayne	82001870	213	In Progress	3/1/2015	X		\$370,000	\$108,684	RS	Investigation in progress to determine appropriate remedy.
Associates Auto Service	Wayne	82001840	213	Cancelled	3/1/2005	X		\$36,000		RS	
Auto One	Wayne	82001836	213	Cancelled	9/1/2012	X		\$30,000	\$69	RS	
B & H Food & Gas/Dix-Toledo Petro Mart	Wayne	82002719	213	In Progress	5/31/2014		X	\$420,000	\$91,768	RS	Investigation to determine extent of contamination in progress.
BASF Multi Site	Wayne	82001650	201	Funding Hold			X	\$250,000	\$1,319,189	RS	Funds needed for oversight of liable party actions at various sites.
Beverly Road Dump	Wayne	82001636	201	PLP	11/1/2005	X		\$815,000	\$489,934	RS	
Birwood St-ABC Drum & Barrel	Wayne	82000143	201	Closed	4/1/2000	X	X	\$950,000	\$350,466	RS	
Blue Eagle Cab	Wayne	82001849	213	Cancelled	7/1/2012	X		\$36,000		RS	
Braden, 5800	Wayne	82001666	201	Closed	10/1/2003	X		\$350,000	\$237,773	RS	
British Petroleum	Wayne	82001950	213	Closed	7/1/2002	X		\$48,000		RS	
Brush park - Multi Site Demolition	Wayne	82001747	201	Closed	9/1/2005	X		\$1,000,000	\$629,606	RS	
C & L Oakland Auto Service	Wayne	82001862	213	Cancelled	7/1/2012	X		\$72,000		RS	
Cal's Car Care, Inc.	Wayne	82001945	213	In Progress	2/28/2015		X	\$2,150,000	\$823,681	RS	Investigation of vapor intrusion pathway for petroleum contaminants in progress.
Carter Color Coat	Wayne	82001589	201	Complete	12/31/2013	X	X	\$300,000	\$151,197	RS	
Carter Industrial, Inc.	Wayne	82000005	201	Closed	5/1/1997		X			RS	
Chicago, 14301-14331	Wayne	82001899	201	Cancelled	9/1/2013		X	\$200,000		RS	
City Hall, Woodward Avenue Area	Wayne	82001751	201	Complete	12/31/2013	X		\$300,000	\$389,619	RS	
City of Detroit - DOT - 14044 Schaefer	Wayne	82002470	213	In Progress	3/31/2015		X	\$350,000	\$98,396	RS	Investigation to determine extent of contamination in progress.
City of Detroit - DOT - 5600 Wabash St.	Wayne	82002469	213	In Progress	2/28/2015		X	\$400,000	\$117,401	RS	Investigation to determine extent of contamination in progress.
City of Detroit - DOT - 5800 Russell St.	Wayne	82002462	213	In Progress	3/1/2015		X	\$550,000	\$62,953	RS	Investigation to determine extent of contamination and free petroleum product is in progress.
City of Detroit- 12000 Chelsea	Wayne	82001843	213	Closed	2/1/2001	X		\$50,000		RS	
City of Detroit- 17105 Woodward	Wayne	82001837	213	Closed	6/1/2004	X		\$50,000	\$56,123	RS	
City of Detroit- 639 E. McNichols	Wayne	82001942	213	Closed	3/1/2005	X		\$50,000	\$54,303	RS	
City of Detroit- 7337 Harper	Wayne	82001867	213	Closed	4/1/2005	X		\$50,000	\$85,924	RS	
City of Detroit- 8030 E. Vernor	Wayne	82001879	213	Closed	5/1/2001	X		\$50,000		RS	
City of Detroit- 8101 Charlevoix	Wayne	82001875	213	Closed	2/1/2003	X		\$50,000	\$26,574	RS	
City of Detroit- 8852 Kercheval	Wayne	82001877	213	Closed	2/1/2003	X		\$50,000	\$32,538	RS	
City of Detroit-10310 Harper	Wayne	82001834	213	Closed	1/1/2004	X		\$20,000	\$105,147	RS	
City of Detroit-11501 Petoskey	Wayne	82001952	213	Closed	7/1/2000	X		\$50,000		RS	

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City of Detroit-12001 Broad St.	Wayne	82001821	213	Closed	12/1/2002	X		\$5,000	\$69	RS	
City of Detroit-12800 E. Seven Mile Rd.	Wayne	82001823	213	Cancelled	5/1/2005	X		\$50,000		RS	
City of Detroit-13800 E. 7 Mile	Wayne	82001826	213	Closed	9/1/2007	X		\$5,000	\$84,726	RS	
City of Detroit-19500 Plymouth	Wayne	82001863	213	Closed	12/1/2003	X		\$50,000	\$58,334	RS	
City of Detroit-2334 Buchanan	Wayne	82001835	213	Closed	9/1/2007	X		\$15,000	\$176,433	RS	
City of Detroit-2400 Parker	Wayne	82001838	213	Closed	9/1/2007	X		\$20,000	\$292,088	RS	
City of Detroit-2847 14th St.	Wayne	82001947	213	Closed	2/1/2003	X		\$45,000	\$84,117	RS	
City of Detroit-3011 Russell St.	Wayne	82001872	213	Closed	7/1/2000	X		\$200,000		RS	
City of Detroit-3574 St. Aubin	Wayne	82001815	213	Closed	4/1/2003	X		\$300,000		RS	
City of Detroit-3601 McDougall	Wayne	82001814	213	Closed	10/1/2010	X		\$300,000		RS	
City of Detroit-4002 Dodge	Wayne	82001871	213	Closed	10/1/1999	X		\$50,000		RS	
City of Detroit-4161 Second St.	Wayne	82001833	213	Closed	8/1/2003	X		\$5,000	\$213,783	RS	
City of Detroit-4661 Dubois@Forest	Wayne	82001831	213	Closed	1/1/2004	X		\$10,000	\$40,369	RS	
City of Detroit-4817 35th	Wayne	82001813	213	Closed	9/1/2007	X		\$300,000	\$49,385	RS	
City of Detroit-6468 Farr	Wayne	82001876	213	Closed	4/1/2003	X		\$50,000	\$18,807	RS	
City of Detroit-8850 Linwood	Wayne	82001825	213	Closed	9/1/2007	X		\$20,000	\$103,744	RS	
City of Detroit-9705 Dexter	Wayne	82001949	213	Closed	4/1/2005	X		\$48,000	\$88,037	RS	
City of Detroit-9711 Linwood	Wayne	82001824	213	Cancelled	9/1/2012	X		\$20,000	\$69	RS	
Clark #632	Wayne	82001841	213	Closed	3/1/2000	X		\$35,000		RS	
Cloverdale Lots at Livenois	Wayne	82001748	201	Cancelled	10/1/2004	X		\$2,000,000		RS	
Concord Super Service	Wayne	82001811	213	Cancelled	9/1/2012	X		\$60,000		RS	
Cook Family Foods (Former)	Wayne	82001653	201	Closed	3/1/2005	X		\$500,000	\$384,607	RS	
Cooper School	Wayne	82000010	201	Closed	4/1/2000		X	\$250,000		RS	
Crimes Towing	Wayne	82001845	213	PLP	9/1/2012	X		\$39,000	\$23,631	RS	
Cyanokem	Wayne	82000035	201	Complete	12/31/2013		X	\$200,000	\$791,158	RS	
CYB Tool (former)	Wayne	82001634	201	Funding Hold			X	\$1,315,000	\$348,732	RS	Need funds to prevent contaminated groundwater from discharging into the Rouge River.
D-6 Tire Shop	Wayne	82001864	213	Closed	12/1/2002	X		\$50,000	\$60,840	RS	
Davis Service	Wayne	82001869	213	PLP	9/1/2012	X		\$50,000	\$67,117	RS	
DeBuel, 6440	Wayne	82001667	201	Closed	9/1/2003	X		\$200,000	\$112,954	RS	
Dependable Kellering (WABCO Disposal Sites)	Wayne	82001617	201	Closed	3/1/2006	X		\$1,950,000	\$799,135	RS	
Detroit Coke	Wayne	82001593	201	PLP	9/1/2013	X	X	\$1,500,000	\$365,931	RS	
Detroit Metropolitan Bldg	Wayne	82000133	201	Closed	7/1/2004	X	X	\$2,150,000	\$1,525,337	RS	
Detroit Multi-Site Building Demolition	Wayne	82001642	201	Funding Hold		X		\$8,595,000	\$6,239,661	RS	Need building demolition and asbestos removal in dangerous buildings identified by city.
Detroit Public Schools Chatfield Site	Wayne	82001669	201	Closed	3/1/2002	X		\$350,000	\$350,000	RS	
Detroit River Sediments	Wayne	82000012	201	Closed	12/1/2000		X	\$1,200,000	\$79,319	RS	
Detroit Riverfront Promenade	Wayne	82001645	201	Complete	12/31/2013	X		\$2,000,000	\$2,087,221	RS	
Downriver Soil Assessment Project	Wayne	82002112	201	Funding Hold			X	\$200,000	\$307,336	RS	Future funding has been suspended pending the results of the re-evaluation of the Particulate Soil Inhalation Criteria and ongoing negotiations with the liable party.
Dump Near Wick Elem School	Wayne	82000014	201	Funding Hold		X	X	\$3,000,000	\$1,408,160	RS	Need to cap site and install methane mitigation system.
Ecorse Mini Mart	Wayne	82001830	213	Closed	1/1/2001		X			RS	
Enterprise Oil	Wayne	82000200	201	Closed	4/1/2000	X		\$100,000	\$391,021	RS	

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Fay Gas & Food Inc.	Wayne	82001951	213	Closed	10/1/2001	X		\$5,000		RS	
Federal, 5780	Wayne	82001665	201	Cancelled	11/1/2003	X		\$500,000		RS	
Feister Oil Co	Wayne	82001427	201	OM	10/31/2020		X	\$350,000	\$971,459	RS	
Former Bulk Oil-14090 Prairie	Wayne	82001948	213	Closed	12/1/2003	X		\$48,000	\$28,629	RS	
Former Gas Station- 19606 Fenkell	Wayne	82001852	213	Closed	10/1/2000	X		\$50,000		RS	
Former Gas Station-19620 Fenkell	Wayne	82001851	213	Closed	10/1/2000	X		\$48,000		RS	
Former Gas Station-3427 Puritan	Wayne	82001848	213	Closed	6/1/2001	X		\$48,000		RS	
Former Lafayette Building	Wayne	82001749	201	Complete	12/31/2013	X		\$1,000,000	\$70,020	RS	
Former Laro Coal Property	Wayne	82001750	201	Complete	12/31/2013	X		\$1,000,000	\$510,641	RS	
Freezer Services	Wayne	82000040	201	PLP	4/1/2000		X	\$500,000		RS	
Gaines & Sons, Inc.	Wayne	82001846	213	Closed	7/1/2001	X		\$36,500		RS	
Garden Gas Station	Wayne	82002714	213	PLP			X	\$300,000		RS	
General Oil Co.	Wayne	82000208	201	PLP	9/1/2013		X	\$2,720,000	\$982,082	RS	
Gergerly Property	Wayne	82001963	213	Closed	1/1/2001	X		\$40,000		RS	
Geri's Auto Service	Wayne	82001810	213	Closed	2/1/2002	X		\$48,000		RS	
Glynn Court, 30	Wayne	82001664	201	Closed	4/1/2005	X		\$200,000	\$246,506	RS	
Golden Hutcherson	Wayne	82001809	213	Cancelled	9/1/2013	X		\$72,000		RS	
Grand River, 10750	Wayne	82001660	213	Closed	10/1/2004	X		\$300,000	\$290,626	RS	
Hail Investments Inc.	Wayne	82001959	213	Closed	1/1/2013	X		\$560,000	\$151,519	RS	
Harper/Fischer Shell Service	Wayne	82001820	213	Closed	9/1/2007	X		\$60,000	\$288,162	RS	
Helen Avenue Vacant Lot	Wayne	82001541	201	Complete	12/31/2013	X		\$500,000	\$1,217,702	RS	
Highland Avenue Apt. District	Wayne	82001635	201	Closed	3/1/2002	X		\$1,000,000	\$82,524	RS	
Highland Park Hospital (Power Plant)	Wayne	82001761	201	PLP	9/1/2013		X	\$625,000	\$67,919	RS	
Holden & Trumbull	Wayne	82001859	213	Cancelled	9/1/2013	X		\$72,000		RS	
Holiday Inn (former)	Wayne	82001633	201	Complete	12/31/2013	X		\$500,000	\$822,540	RS	
Hudson's Bldg.	Wayne	82001578	201	Closed	4/1/2000	X	X	\$1,250,000	\$901,921	RS	
I-94 Project Area	Wayne	82001546	201	Complete	12/31/2013	X		\$2,350,000	\$170,477	RS	
Independent Transmission	Wayne	82002471	213	Cancelled	9/1/2012		X	\$150,000		RS	
J.F.K Bump Shop	Wayne	82001957	213	Closed	9/1/2007	X		\$60,000	\$70,867	RS	
JJ Curran Crane	Wayne	82002472	213	PLP			X	\$300,000		RS	
K & A Gas	Wayne	82002715	213	In Progress	9/30/2014		X	\$600,000	\$64,524	RS	Investigation to determine extent of contamination in progress.
K & N Auto Body	Wayne	82001962	213	Cancelled	7/1/2012	X		\$48,000		RS	
Lantz Rd - ABC Drum & Barrel	Wayne	82000144	201	Closed	4/1/2001	X		\$250,000	\$63,391	RS	
Lawton Property	Wayne	82001560	201	Closed	7/1/2002	X	X	\$3,350,000	\$2,403,387	RS	
Lear-Siegler Plant	Wayne	82000153	201	Closed	7/1/2004	X	X	\$3,500,000	\$3,615,094	RS	
Levan Party Store	Wayne	82002459	213	Complete	12/31/2013		X	\$800,000	\$142,265	RS	
Longfellow, 2975	Wayne	82001895	201	Funding Hold			X	\$775,000	\$4,854	RS	Need to conduct investigation and remedial actions.
Lower Ecorse Creek Site	Wayne	82000205	201	Closed	9/1/2005		X	\$0		RS	
Lower Ecorse Creek Site	Wayne	82000205	201	Closed	9/1/2005		X		\$141,567	SF	
Marathon Pipeline/Crystal Mines Site	Wayne	82000076	201	Closed	4/1/2000		X	\$500,000		RS	
Marathon Refinery Weathering Pit	Wayne	82000154	201	Closed	3/1/1996		X	\$125,000		RS	
Marathon Station-Livernois & John R.	Wayne	82001868	213	Closed	10/1/2003	X		\$48,000		RS	
Mark Snipes/Carl's Transmission	Wayne	82001955	213	Cancelled	7/1/2012	X		\$48,000		RS	
Martinsville Rd Disp Site	Wayne	82000026	201	Closed	12/1/1998		X	\$99,400	\$9,147	RS	
Master Metals (former)	Wayne	82001564	201	PLP	4/1/2000	X	X	\$1,200,000		RS	
Master Petroleum	Wayne	82002473	213	Complete	12/31/2013		X	\$700,000	\$96,484	RS	
MDES	Wayne	82000163	201	Closed	6/1/1999		X			RS	

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BASIC SITE INFORMATION								FUNDING INFORMATION		RESPONSE ACTIONS	
SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
MDNR Real Estate Division-5569 Sheridan	Wayne	82001812	213	Closed	12/1/2002	X		\$45,000	\$54,376	RS	
MDOT ROW Davison & Wilson	Wayne	82001946	213	Closed	2/1/2001	X		\$3,000		RS	
Mercury Manufacturing	Wayne	82001844	213	Closed	5/1/2012		X	\$860,000	\$340,661	RS	
MichCon Station H	Wayne	82000030	201	PLP	4/1/2000	X	X	\$350,000		RS	
Michigan Ave. 94-18 Greenhouses	Wayne	82001566	201	Closed	8/1/2001	X	X	\$500,000	\$911,741	RS	
Michigan Tire Recycling	Wayne	82001640	201	Closed	4/1/2001	X	X	\$431,000	\$245,482	RS	
Micks Auto	Wayne	82002464	213	Complete	12/31/2013		X	\$500,000	\$32,671	RS	
Middlebelt Hill	Wayne	82000207	201	Closed	9/1/1999		X			RS	
Mike's BP	Wayne	82001827	213	Closed	12/1/2002	X		\$100,000	\$282,211	RS	
Milton Hospital-River Rouge	Wayne	82001655	201	Closed	9/1/2003	X		\$650,000	\$550,265	RS	
MNK Services	Wayne	82001839	213	Closed	3/1/1999		X	\$300,000		RS	
Montclair, 2907	Wayne	82001662	201	Closed	9/1/2003	X		\$300,000	\$178,449	RS	
Mr. H. Auto Service	Wayne	82001857	213	Cancelled	5/1/2005	X		\$48,000		RS	
Northline Drum Site	Wayne	82001651	201	Closed	6/1/2012	X		\$500,000	\$2,008,255	RS	
Oakville Waltz Rd Disp Site	Wayne	82000037	201	Closed	12/1/1998		X	\$100,000	\$234	RS	
O'Neal & Son's Service	Wayne	82001816	213	Closed	12/1/2002	X		\$50,000	\$76,134	RS	
Orleans, 2900 (former Thornapple Valley)	Wayne	82001661	201	Cancelled	1/1/2002	X		\$100,000		RS	
Packard Plant (former)	Wayne	82001563	201	Closed	9/1/2005	X	X	\$4,500,000	\$1,518,094	RS	
Palmer St at Railroad Tracks	Wayne	82000039	201	Closed	12/1/2000		X	\$520,000		RS	
Parcels at Poplar and 23rd Street	Wayne	82001582	201	Closed	4/1/2001	X	X	\$225,000	\$139,138	RS	
Petroleum Specialties	Wayne	82000137	201	Complete	12/31/2013		X	\$1,000,000	\$1,955,548	RS	
Pioneer Equipment	Wayne	82000150	201	Closed	12/1/1995		X			SF	
Pitstop I-Fill-Up	Wayne	82001829	213	Cancelled	9/1/2012	X		\$60,000	\$6,071	RS	
Plymouth Industrial Center Holding Company	Wayne	82000044	201	Funding Hold		X	X	\$1,105,000	\$765,539	RS	Need soil removal.
Porterfield's Marina Vlg	Wayne	82001507	201	PLP	4/1/1999		X	\$700,000	\$147,773	RS	
Queen's Chapel	Wayne	82001860	213	Closed	2/1/2002	X		\$50,000		RS	
Rayford Jackson	Wayne	82001878	213	Closed	9/1/2007	X		\$60,000	\$216,255	RS	
Reclamation Co.	Wayne	82001873	213	PLP	9/1/2013		X	\$2,000,000	\$237,040	RS	
Recycling Corporation of America	Wayne	82001586	201	Closed	9/1/2003	X	X	\$1,000,000	\$1,921,586	RS	
Revere Copper and Brass	Wayne	82000136	201	Closed	12/1/1999	X	X	\$6,364,000	\$4,739,976	RS	
River Rouge Animal Shelter	Wayne	82001943	213	Closed	6/1/2002	X		\$100,000	\$121,308	RS	
Roselawn Lot Near Kirk's Auto	Wayne	82001620	201	Closed	10/1/2003	X		\$250,000	\$258,973	RS	
Rouge River	Wayne	82000047	201	Closed	5/1/2001		X	\$360,000	\$287,913	RS	
Sam's Motors	Wayne	82001842	213	Closed	9/1/2006	X		\$5,000	\$69	RS	
Saterlee Sumpter Twp LF	Wayne	82000048	201	PLP	9/1/2013		X	\$430,000	\$324,762	RS	
Schafer Ave Buildings	Wayne	82001673	201	Closed	7/1/2004	X		\$300,000	\$134,695	RS	
Sears Redevelopment Site	Wayne	82001632	201	Closed	9/1/2003	X		\$500,000	\$1,838,204	RS	
Shipley Service	Wayne	82001960	213	Closed	5/1/2001	X		\$30,000	\$1,849	RS	
Shoemaker 11031	Wayne	82001891	213	Cancelled	9/1/2013		X	\$2,500,000		RS	
Sirhan Services Inc.	Wayne	82001850	213	Complete	12/31/2013		X		\$320,789	RS	
Smith Property	Wayne	82001874	213	Cancelled	5/1/2005	X		\$15,000		RS	
Speedy's Gas & Goodies	Wayne	82002735	213	In Progress	11/28/2014		X	\$600,000	\$34,645	RS	Investigation to determine extent of contamination in progress.
Sproat, 110 & 124	Wayne	82001897	201	Cancelled	9/1/2013		X	\$785,000		RS	
St. Claire Service, Inc.	Wayne	82002474	213	PLP			X	\$150,000		RS	
Starlite Metals (11779 Cloverdale)	Wayne	82001670	201	Closed	5/1/2004	X		\$300,000	\$125,404	RS	
Statler Hilton Hotel	Wayne	82001619	201	Complete	12/31/2013	X		\$4,000,000	\$12,724,698	RS	
Stonik Service	Wayne	82001817	213	Closed	3/1/2002	X		\$45,000	\$4,007	RS	

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SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Stramaglia Property	Wayne	82001557	201	Funding Hold		X		\$4,250,000	\$1,164,476	RS	Post demolition sampling needed to support Baseline Environmental Assessment.
Studebaker Corporation, Former	Wayne	82001585	201	Cancelled	9/1/2003	X		\$1,250,000		RS	
Sunoco #0271-1547 (former)	Wayne	82001847	213	Closed	6/1/1999		X	\$86,500		RS	
Sunup Sundown Auto Parts	Wayne	82001671	201	Closed	3/1/2005	X		\$1,000,000	\$255,752	RS	
Third Street 13541	Wayne	82001893	213	Cancelled	9/1/2013		X	\$65,000		RS	
Titan Finishes	Wayne	82002465	213	PLP			X	\$150,000		RS	
Titan Heating	Wayne	82002466	213	PLP			X	\$150,000		RS	
Total Station	Wayne	82001856	213	Closed	3/22/2013		X	\$300,000	\$207,281	RS	
Trenton Riverside Site	Wayne	82001674	201	Closed	5/1/2005	X		\$200,000	\$96,612	RS	
Union 76 Auto Care Service	Wayne	82001819	213	Closed	9/1/2007	X	X	\$280,000	\$371,982	RS	
Uniroyal Properties	Wayne	82000213	201	In Progress	7/1/2014		X	\$400,000	\$8,971	RS	Contaminated fill along the riverfront will be removed to reduce discharges to the Detroit River. Project is currently funded by SWQI.
US Equipment	Wayne	82002467	213	PLP			X	\$150,000		RS	
Vacant Land - Pleasant Avenue	Wayne	82001652	201	Complete	12/31/2013	X		\$2,000,000	\$1,572,858	RS	
Vacant Property - Vernor @ Salina	Wayne	82001964	213	Cancelled	6/1/2012	X		\$30,000	\$69	RS	
Vulcan Mold & Iron	Wayne	82001631	201	Closed	5/1/2005	X		\$50,000	\$277,005	RS	
Vulcan Mold & Iron Landfill	Wayne	82000056	201	Closed	2/1/2005		X	\$260,000	\$273,760	RS	
WALCON Corporation	Wayne	82001654	201	Closed	9/1/2003	X		\$200,000	\$65,148	RS	
Wallich Lumber	Wayne	82001828	213	Cancelled	7/1/2012	X		\$30,000		RS	
Ward Bakery	Wayne	82001629	201	Closed	9/1/2003	X		\$200,000	\$416,125	RS	
Warehouse Club - Redford (Standard Tube)	Wayne	82001523	213	PLP	9/1/2013	X	X	\$553,000	\$214,824	RS	
Warren & Lakewood Service	Wayne	82001832	213	Closed	5/1/2012	X		\$410,000	\$169,667	RS	
Wayne County/Detroit Area Historical Smelter Project	Wayne	82001890	201	Complete	12/31/2013		X	\$1,500,000	\$187,693	RS	
Welcome Center (Ambassador Properties)	Wayne	82000145	201	Closed	10/1/2003	X	X	\$600,000	\$833,188	RS	
Welcome Gas on Telegraph	Wayne	82002718	213	PLP			X	\$300,000		RS	
Willie James Curry	Wayne	82001808	213	Cancelled	7/1/2012	X		\$60,000		RS	
Wise Automotive	Wayne	82002475	213	PLP			X	\$150,000		RS	
Wolverine Auto Supply	Wayne	82001898	201	Funding Hold			X	\$1,000,000		RS	Need to conduct investigation and remedial actions.
Woodward & Dakota Service	Wayne	82001818	213	Closed	3/7/12	X		\$60,000		RS	
World Trade Center	Wayne	82001559	201	Closed	3/6/92	X	X	\$1,350,000	\$339	RS	
Zigler Tool	Wayne	82001855	213	Closed	3/6/79	X		\$50,000		RS	
AAR Cadillac Mfg	Wexford	83000036	201	Monitoring	6/30/2016		X	\$850,000	\$1,619,821	RS	
Arthur Phillips	Wexford	83000122	213	Closed	11/1/2002	X		\$15,000	\$32,503	RS	
Auto Parts Center	Wexford	83000074	213	Complete	12/31/2013		X	\$300,000	\$333,307	RS	
Brasseur Property	Wexford	83000097	201	Closed	10/1/2003	X		\$350,000	\$1,143,413	RS	
Cadillac Area GW Contam - Rexair	Wexford	83000102	201	Monitoring	6/1/2014		X	\$300,000		AW	
Cadillac Area GW Contam - Rexair	Wexford	83000102	201	Monitoring	6/1/2014		X	\$250,000	\$901,508	RS	
Cadillac Tar & Chemical Plant	Wexford	83000055	201	Closed	10/1/2003		X	\$500,000	\$2,193,269	RS	
Crystal Flash Bulk Plant	Wexford	83000033	201	PLP	2/1/1999		X	\$100,000		RS	
Emerald Tree Farm	Wexford	83000112	201	Closed	10/1/2003	X		\$100,000	\$18,628	RS	
Four D Tool Co Area	Wexford	83000007	213	PLP	3/165		X	\$14,300		AW	
Jack's Resort	Wexford	83000135	213	Complete	12/31/2013		X	\$260,000	\$94,055	RS	

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SITE NAME	COUNTY	SITE ID#	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED CLOSURE DATE	REDEVELOPMENT	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
JoMarc/Four Star Corporation	Wexford	83000103	201	Closed	3/1/2002	X		\$25,000	\$24,787	RS	
Liquid Transport Mesick Spill	Wexford	83000021	201	PLP	12/1/1997		X	\$205,000		RS	
Mar-Lyn's Lakeside Resort	Wexford	83000100	213	Closed	10/1/2012		X	\$115,000	\$210,297	RS	
Mitchell Bentley - Cadillac	Wexford	83000042	201	Complete	4/1/2014		X	\$160,000	\$175,202	RS	
Mushroom Bar	Wexford	83000123	213	Closed	12/1/1998		X	\$3,000		RS	
Peterson's Standard	Wexford	83000092	213	Closed MO	6/1/2012		X	\$670,000	\$389,584	RS	
Sportsman's Port Canoe and Campground	Wexford	83000088	213	Closed	1/1/2001		X	\$65,000		RS	
St Johns Inc	Wexford	83000034	201	Closed	8/1/1992		X	\$150,000		RS	
Village of Harrietta	Wexford	83000018	213	Closed	2/1/2012		X	\$367,000	\$157,833	RS	
W. D. Lumber	Wexford	83000115	201	PLP	9/1/2005	X		\$125,000	\$478	RS	
Yuma Tar	Wexford	83000114	201	Closed	4/10/30		X	\$900,000	\$279,624	RS	
Formerly Used Defense Sites	Statewide		201	Funding Hold			X	\$300,000		SF	Funds may be needed for oversight of U.S. Army cleanup actions.
MSU Equipment Project			201					\$0	\$149,836	RS	
Statewide Expanded Triage	Statewide	01099999	213	In Progress			X	\$2,500,000	\$1,551,062	RS	Minimal investigation being conducted at approximately 200 orphan sites per year to determine current status of site.
IDT for Pre-1995 Project MAIN expenditures			201						\$87,262,662	RS	
Unlisted Projects	Various		201						\$2,064,613	RS	
Drinking Water Monitoring			201				X	\$1,000,000	\$824,613	AW	
TRP Administration			213						\$1,212,375	ADM	
<b>Totals</b>						650	1420	\$985,091,183	\$820,253,190		

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**Appendix C: Report on the Strategic Water Quality Initiative Program**  
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BASIC SITE INFORMATION				FUNDING INFORMATION				HOW PROJECT MEETS CRITERIA AND RISK REDUCTION ACHIEVED
SITE NAME	COUNTY	SITE ID#	OVERALL STATUS	PROPOSED AMOUNT	EXPENDITURES FOR RESPONSE ACTIVITIES 9/30/13	EXPENDITURES FOR PROJECT MANAGEMENT 9/30/13	CUMULATIVE EXPENDITURES 9/30/2013	
Village of Douglas Contamination	Allegan	03000032	In Progress	\$936,099	\$426,124	\$28,612	\$454,736	Contamination is present in soil and in groundwater that discharges to Wicks Creek at concentrations in excess of groundwater surface water interface criteria. Continued operation of existing treatment system and construction of new treatment system will eliminate contaminants from migrating into groundwater and Wicks Creek. The liable party no longer exists. There is an existing sanitary sewer. These actions will maximize risk reduction to groundwater and surface water and facilitate the property owner's plans to develop residential housing.
Harbor Plating	Berrien	11000075	OM	\$1,257,487	\$965,413	\$54,401	\$1,019,814	Soil contamination covering a large area is leaching contaminants to groundwater and is venting to Ox Creek and its tributaries at concentrations exceeding cleanup criteria. Removal of soil contamination and continued operation of the groundwater treatment system will prevent contaminants from venting to Ox Creek. Liable property owner/operator is deceased and the property tax reverted to the City of Benton Harbor. A public sewer line is on site. Operation of the groundwater treatment system will reduce the amount of hexavalent chromium and solvents contaminating off-site groundwater and help prevent the discharge of these contaminants to Ox Creek, the Paw Paw River, and Lake Michigan. Intercepting the contaminated groundwater is the most economical way to reduce the risk to area surface waters. Reducing this risk is essential to the city of Benton Harbor's long-term goal of improving the water quality in Ox Creek as part of the city's ongoing economic redevelopment efforts.
Verona Well Field	Calhoun	13000006	OM	\$3,097,645	\$209,704	\$12,019	\$221,722	Groundwater that is contaminated above drinking water standards threatens the municipal well field. A groundwater restoration remedy is in operation to ensure safe drinking water for the municipal water supply. Liable party is bankrupt. The sanitary sewer system is maintained by the City of Battle Creek. The AS/SVE system treats the contaminated soils and groundwater, thereby improving the groundwater quality, reducing risk, and eventually returning the aquifer back to drinkable quality.
DME Company	Charlevoix	15000010	In Progress	\$679,385	\$192,196	\$46,125	\$238,321	Contaminants exceeding groundwater surface water interface criteria are entering Lake Charlevoix and Stover Creek. Addressing the source areas of contamination will eliminate the groundwater surface water interface exceedances affecting Lake Charlevoix and Stover Creek. The liable party declared bankruptcy in 2009. The facility is served by the City of Charlevoix's public sewer system. Progress is being made on meeting risk reduction objectives but the objectives have not been completely attained.
Gladstone Creosote Discharge	Delta	21000110	OM	\$201,443	\$122,027	\$19,098	\$141,125	Operation of a groundwater/petroleum product collection system prevents discharge of contaminants into Lake Michigan above groundwater surface water interface criteria. The liable party filed for bankruptcy and was dissolved in 1981. The city of Gladstone's sanitary sewer line services the area. Operation of the collection and treatment system has minimized the amount of contaminated groundwater discharging to Lake Michigan through treatment of the captured groundwater prior to discharge. The system would also capture migrating NAPL that may be present up gradient of the capture zone. These actions demonstrate progress toward maximizing risk reduction. There were no economic development objectives identified for this project.

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BASIC SITE INFORMATION				FUNDING INFORMATION				HOW PROJECT MEETS CRITERIA AND RISK REDUCTION ACHIEVED
SITE NAME	COUNTY	SITE ID#	OVERALL STATUS	PROPOSED AMOUNT	EXPENDITURES FOR RESPONSE ACTIVITIES 9/30/13	EXPENDITURES FOR PROJECT MANAGEMENT 9/30/13	CUMULATIVE EXPENDITURES 9/30/2013	
916 S Main	Eaton	23000149	In Progress	\$552,219	\$177,822	\$11,514	\$189,336	Contaminants in the groundwater exceed groundwater surface water interface criteria and are entering the storm sewer system which empty into the Grand River. Planned activities would address the contaminants in the groundwater that are intercepting the storm sewer system. The current owner/operator is not liable for the historic releases and previous dry cleaner owner/operators are deceased. The city of Eaton Rapids maintains a sanitary sewer in the area. These actions are necessary to reduce mass of contaminant loading entering City of Eaton Rapids storm water system by treatment of the chlorinated solvent groundwater "hot spot". The funded activities maximize risk reduction in the area and assisted the redevelopment of the property.
Little Traverse Bay CKD Release Site	Emmet	24000060	PLP	\$83,360	\$64,811	\$18,549	\$83,360	Contamination from mercury and other metals discharge to Lake Michigan above groundwater surface water interface criteria. The State is overseeing and monitoring response actions installed and operated by Consumers Energy (CMS) pursuant to an EPA Administrative Order. The liable party filed for bankruptcy in 1980. Waste water treatment services are provided by Bay Harbor. Currently work is being funded by CMS as stipulated in the settlement agreement.
Velsicol Chemical Corporation	Gratiot	29000070	In Progress	\$18,831,675	\$2,145,379	\$148,157	\$2,293,536	Remedial investigation and feasibility study will be conducted to prevent contaminants from entering the Pine River and groundwater which is the source of drinking water for the city of St. Louis. Liable parties are bankrupt. The sanitary sewer is operated by the city of St. Louis. Actions at this site will reduce risks to surface and groundwater.
Torch Lake	Houghton	31000003	In Progress	\$1,174,026	\$283,850	\$109,691	\$393,540	Groundwater and surface water have been impacted above criteria by the site contamination. An investigation of contaminated groundwater, sediment and surface water will be conducted to determine actions needed to protect public health and the environment. Liable parties are bankrupt. A sanitary sewer system services the site. Ongoing efforts are preventing contaminants from entering Torch Lake and continue to demonstrate progress toward risk reduction to human health and ecological receptors.
Americhem	Ingham	33000492	OM	\$2,260,008	\$1,908,042	\$34,695	\$1,942,737	The contaminated groundwater plume is venting to Sycamore Creek at multiple locations and impacts potable water. Continued operation and enhancement of free petroleum product recovery and groundwater treatment systems will continue to improve water quality. Cost recovery actions have determined that the liable party does not have sufficient financial resources to conduct remedial actions. The facility is serviced by the city of Mason's sanitary sewer system. Decreasing groundwater impacts represent progress being made toward risk reduction.
Res Wells Bachman Rd	Iosco	35000005	In Progress	\$734,724	\$346,018	\$28,261	\$374,279	Contaminants are discharging into Lake Huron in excess of groundwater surface water criteria. Groundwater treatment and monitoring will be conducted to address the impacted groundwater discharging in to the lake. Enforcement actions have resulted in settlements with liable parties. Sanitary sewers are present in the area. The following steps have been or are being taken by the state that demonstrate progress toward maximizing risk reduction and economic development: In-situ injection treatments have been completed to help remediate the groundwater. Treatments were completed to reduce the concentrations of contaminants entering Lake Huron.

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SITE NAME	COUNTY	SITE ID#	OVERALL STATUS	PROPOSED AMOUNT	EXPENDITURES FOR RESPONSE ACTIVITIES 9/30/13	EXPENDITURES FOR PROJECT MANAGEMENT 9/30/13	CUMULATIVE EXPENDITURES 9/30/2013	
Buck Mine Discharge	Iron	36000009	OM	\$325,860	\$200,404	\$3,761	\$204,164	The existing treatment system is being maintained to ensure contaminants are not discharging to the Iron River above criteria. The liable parties no longer exist. The village of Caspian, the village of Gaastra, and the city of Iron River have a joint sewer system adjacent to the facility. Ongoing efforts are preventing contaminants from entering the river and continue to demonstrate progress toward risk reduction to human health and ecological receptors.
Spring Arbor Wash-N-Dry	Jackson	38000030	In Progress	\$1,519,000	\$178,481	\$10,632	\$189,112	Contaminated soil is leaching to groundwater and threatens residential wells. The contaminated soil will be removed to protect public health and the environment. A viable liable party has not been identified. Spring Arbor Township maintains a sewer system in the area. Ongoing efforts are preventing contaminants from entering the groundwater to demonstrate progress toward risk reduction to human health.
North 34th St Area Richland	Kalamazoo	39000030	In Progress	\$5,510,497	\$870,151	\$1,350	\$871,501	Removal of contaminated source material and continued operation of existing groundwater treatment system will ensure contaminated groundwater does not migrate to wetland. Litigation actions adjudicated liability for liable party, who subsequently dissolved in bankruptcy. The facility is serviced by the city of Kalamazoo waste water treatment plant. Completion of remedial design for the site-wide remedy is a significant phase of work demonstrating progress toward maximizing risk reduction and economic development objectives identified for projects.
Production Painting Co	Kalamazoo	39000071	In Progress	\$620,000		\$563	\$563	Implementation of source removal and control actions will reduce the contaminants entering the groundwater and ultimately discharging to the Kalamazoo River. The liable party entity is no longer in existence. The facility is serviced by the city of Kalamazoo's sanitary sewer system. Remedial actions have not been initiated to reduce risk to receptors.
Sparta Foundry	Kent	41000935	In Progress	\$587,830	\$516,975	\$13,218	\$530,193	Groundwater contamination exceeds drinking water and groundwater surface water interface criteria. Partial demolition of the building will be conducted to address the groundwater contamination. The liable party has filed for bankruptcy and has settled its environmental liability with the State. Sanitary sewers service the facility. Funding been utilized to maximize risk reduction and achieve economic development objectives by removing contaminated source area soils at the facility and reduce contaminant loading to groundwater.
Spartan Chemical	Kent	41000119	In Progress	\$711,879			\$0	Contaminants pose a drinking water risk. Remedial actions are in progress to address groundwater contamination at the site. Liable party is bankrupt. Site lies within the city of Wyoming sewer system. Ongoing efforts are addressing contaminants that may enter groundwater and surface water and continue to demonstrate progress toward risk reduction to human health and ecological receptors.
Grand Traverse Overall Supply Co	Leelanau	45000004	In Progress	\$673,913	\$231,006	\$19,738	\$250,745	Planned activities will address existing groundwater and potential surface water risks. Liable party is bankrupt. The site is within the Traverse City sewer system. Actions in progress will improve water quality and prevent pollution.

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BASIC SITE INFORMATION				FUNDING INFORMATION				HOW PROJECT MEETS CRITERIA AND RISK REDUCTION ACHIEVED
SITE NAME	COUNTY	SITE ID#	OVERALL STATUS	PROPOSED AMOUNT	EXPENDITURES FOR RESPONSE ACTIVITIES 9/30/13	EXPENDITURES FOR PROJECT MANAGEMENT 9/30/13	CUMULATIVE EXPENDITURES 9/30/2013	
Main Street - Gregory	Livingston	47000099	OM	\$364,460	\$217,327	\$11,967	\$229,294	Continued operation of the groundwater treatment system will prevent contaminants from venting to a county drain at concentrations exceeding groundwater surface water criteria and protects drinking water in the area. The liable party does not have financial resources to conduct remedial actions. The town of Gregory operates a sewer system within the area. Actions in progress reduce risk to the surface water by intercepting and reducing the mass of contaminated groundwater plume venting and under flowing the county drain thus improving surface water quality and reducing risk to nearby residential wells.
Marcy's Cleaners	Livingston	47000197	In Progress	\$415,708	\$28,371	\$7,708	\$36,078	Groundwater contaminants exceeding drinking water and groundwater surface water interface criteria are entering the storm sewer system. Soil removal and groundwater treatment will abate contaminants and prevent them from entering the storm sewer. The liable party does not have financial resources to conduct remedial actions. The site is within the city limits of Howell which manages a sanitary and storm water system. Actions being undertaken improve water quality and prevent pollution by reducing the impact of contamination on the storm sewer.
Res Wells Holly Road	Livingston	47000055	In Progress	\$931,587	\$306,724	\$24,365	\$331,089	The groundwater treatment system is intercepting contaminants which exceed the groundwater surface water interface criteria prior to venting to surface water and storm drains. Residential wells are at risk if the groundwater treatment system is not operated. The liable party does not have financial resources to conduct remedial actions. The city of Brighton manages the storm water and sanitary sewer system within the area. Actions in progress continue improving water quality of Leith Lake by intercepting and treating most of the groundwater contamination plume to NPDES permit requirements. Contaminant mass reduction is documented over most of the groundwater contamination plume.
10 Mile Drain Area	Macomb	50000736	In Progress	\$197,000	\$9,464	\$71,838	\$81,302	Contamination exceeding direct contact criteria has been seeping into the drain system and is impacting the sediments and water in the canal near the outfall. Excavation and replacement of the drain and contaminated soil will remove the source impacting surface water. A liable party has not been identified. The sanitary sewer system is serviced by the city of St. Clair Shores. Actions in progress improve water quality and result in pollution prevention. Funds have also been used to demonstrate progress toward maximizing risk reduction and economic development objectives identified for projects by assisting U.S. EPA with monitoring behind weirs placed within storm sewer used to collect and mitigate PCB oil and contaminated sediment from discharging into the Lange and Revere Street canals which are part of Lake St. Clair.
Star Watchcase	Mason	53000021	In Progress	\$310,000	\$5,247		\$5,247	The shallow groundwater adjacent to Pere Marquette Lake exceeds drinking water and surface water protection criteria for trichloroethylene and vinyl chloride. The groundwater will initially be prevented from venting into the lake by active pumping. Groundwater treatment will permanently reduce the contaminant concentrations. The liable party entity is dissolved. The facility is serviced by the city of Ludington's sanitary sewer system. Remedial actions have not been initiated to reduce risk to receptors.

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SITE NAME	COUNTY	SITE ID#	OVERALL STATUS	PROPOSED AMOUNT	EXPENDITURES FOR RESPONSE ACTIVITIES 9/30/13	EXPENDITURES FOR PROJECT MANAGEMENT 9/30/13	CUMULATIVE EXPENDITURES 9/30/2013	
P.T. Plus - Former Sinclair Bulk Storage	Mecosta	54000096	In Progress	\$362,000	\$48,199	\$10,038	\$58,237	Groundwater contamination exceeds cleanup criteria including groundwater surface water interface. Removal of saturated soil will eliminate the source that is resulting in the contaminated groundwater. The liable parties are no longer a business enterprise. The city of Big Rapids operates a sewer system in the area. Funding is being utilized to maximize risk reduction by removing contaminated source area soils at the facility and reduce contaminant loading to groundwater and discharges to Mitchell Creek.
Crystal Refinery	Montcalm	59000003	OM	\$2,236,832	\$1,499,540	\$113,963	\$1,613,503	Contaminated groundwater is being intercepted on the banks of Fish Creek at levels exceeding cleanup criteria, including groundwater surface water interface. Continued operation of the groundwater treatment system will prevent contaminants from entering Fish Creek and other receptors. The existing liable parties have demonstrated lack of financial resources to conduct remedial actions. Sanitary sewer is available at the facility. Funding will be utilized to maximize risk reduction by removing LNAPL and remediating contaminated groundwater and soils at the facility.
Ott/Story/Cordova Chemical Co.	Muskegon	61000051	OM	\$7,042,934	\$3,793,759	\$68,446	\$3,862,205	Operation of the groundwater extraction and treatment system will prevent contaminants from entering Little Bear Creek. Liable parties are bankrupt. The site is serviced by the county sanitary sewer system. The groundwater extraction and treatment system at Ott Story continues to control the spread of contaminated groundwater to the Little Bear Creek and its unnamed tributary and also progresses the restoration of the contaminated aquifers that may be a future drinking water source.
Peerless Plating	Muskegon	61000039	OM	\$2,730,765	\$294,362	\$33,189	\$327,551	Operation of the existing groundwater extraction and treatment system will prevent contaminants from impacting surface water. The liability party is bankrupt. The site is located within the Muskegon County sewer system. Actions in progress improve the water quality and prevent pollution.
Zephyr Inc. - Naph Sol Refining	Muskegon	61000063	In Progress	\$5,294,557	\$1,639,448	\$99,976	\$1,739,425	Operation of the groundwater treatment system will prevent contaminated groundwater and free petroleum product from entering the Muskegon River, Bear Creek and adjacent wetlands. The liable party no longer exists as an entity and the property has tax reverted. A sanitary sewer is available at the facility. Funds, used for operation of and improvements to the groundwater purge and treat system and for the removal of LNAPL which prevents the migration of contamination to Bear Creek and the Muskegon River, will result in progress made toward risk reduction and economic development.
Coe's Cleaners	Oakland	63001005	OM	\$732,607	\$402,398	\$2,876	\$405,273	The groundwater treatment system remains in operation to prevent contaminants from reaching municipal wells in the area. The liable party is deceased. The village of Milford maintains the sanitary sewer collection system in the area. Through the ongoing treatment of groundwater, the DEQ has achieved improved groundwater quality and protected the Village of Milford municipal wells.
Stans Trucking LF	Oakland	63000062	OM	\$4,200	\$4,200	\$0	\$4,200	Repair and maintenance of the landfill cover will prevent leachate outbreaks and protect groundwater which flows through drains to the Clinton River. The liable party is deceased. The area is serviced by a municipal sewer system. This project is currently funded by CRP.

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BASIC SITE INFORMATION				FUNDING INFORMATION				HOW PROJECT MEETS CRITERIA AND RISK REDUCTION ACHIEVED
SITE NAME	COUNTY	SITE ID#	OVERALL STATUS	PROPOSED AMOUNT	EXPENDITURES FOR RESPONSE ACTIVITIES 9/30/13	EXPENDITURES FOR PROJECT MANAGEMENT 9/30/13	CUMULATIVE EXPENDITURES 9/30/2013	
Waterford Hills Sanitary LF	Oakland	63000165	OM	\$941,713	\$588,321	\$33,081	\$621,402	To prevent groundwater and surface water contamination, landfill gas migration and surface water run-off continuation of the following actions are being conducted: groundwater and landfill gas monitoring, operation of a leachate treatment system, operation and maintenance of the leachate collection and gas collection systems, and maintenance of the landfill cap. Cost recovery legal actions were implemented and have concluded against past owners/operators. A sanitary sewer system in the area is operated by Waterford Township. By capping the landfill and through the on-going collection and treatment of leachate, the DEQ achieved improved water quality, pollution prevention, and is reducing risk to off-site receptors (private wells and Maceday Lake).
Osceola Refinery (former)	Osceola	67000076	OM	\$645,741	\$526,957	\$8,097	\$535,054	Soil and groundwater contamination above applicable criteria is discharging to the Hersey River. The response activities being implemented will reduce the amount of petroleum in the soil and the groundwater. The liable party is dissolved. The site is within the sewer planning area of Reed City. The remedial actions have resulted in significant risk reduction in soil contamination and groundwater contamination which had inhibited future development of the area. Also, the remediation of the groundwater has eliminated the discharge of contaminated groundwater to surface water.
National Plate Glass	Saginaw	73000406	OM	\$2,393,462	\$1,188,069	\$59,739	\$1,247,808	Prior to installation of the sheet wall around the perimeter of the site and the groundwater collection system, arsenic contaminated water was discharging directly into the Tittabawassee River at levels exceeding cleanup criteria. Improvements to the sheet wall and collection system will ensure contaminants do not continue to discharge to the river. The liable party filed for bankruptcy. The site has sanitary sewer connection. The remedial actions have resulted in significant risk reduction in contamination entering the Tittabawassee River.
Magnetek	Shiawassee	78000056	Monitoring	\$2,456,119	\$2,359,248	\$61,382	\$2,420,630	Contaminants entering the storm drain exceed groundwater surface water criteria. The planned response action using in-situ thermal remediation will reduce soil and groundwater contamination entering the storm sewer that discharges to the Shiawassee River. A settlement agreement has been reached with the liable party. The facility is located within the city of Owosso sanitary sewer system. Initial results have demonstrated progress towards risk reduction and economic development by the reduction of contaminant levels entering a storm drain.
Fort Gratiot Sanitary LF	St. Clair	74000161	OM	\$684,179	\$179,035	\$2,410	\$181,445	Planned response activities will improve surface water and groundwater quality by continuing to prevent the seepage of leachate into the adjoining surface waters. Settlements with the liable parties has been concluded. This facility is within the city of Port Huron sewer system. Through the ongoing collection of leachate, inspection and repair of the cap, and general O&M of this historical landfill, the DEQ has achieved improved water quality, pollution prevention, and is reducing risk to off-site receptors.

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SITE NAME	COUNTY	SITE ID#	OVERALL STATUS	PROPOSED AMOUNT	EXPENDITURES FOR RESPONSE ACTIVITIES 9/30/13	EXPENDITURES FOR PROJECT MANAGEMENT 9/30/13	CUMULATIVE EXPENDITURES 9/30/2013	
Commercial Street Industrial Area	Van Buren	80000155	In Progress	\$1,886,137	\$1,274,741	\$31,067	\$1,305,808	Groundwater contaminants in the source area and in down gradient portions of the plume are discharging into a storm sewer and are migrating to the Paw Paw River. Bioremediation will be used to prevent the discharge of contaminants to the river. The liable party was determined to not have sufficient resources to conduct remedial actions and is now deceased. The site is connected to the village of Paw Paw sanitary sewer system. Continued response activities will reduce levels of groundwater contamination and threat of migration to surface water. The village of Paw Paw has expressed interest in having the property transferred from the Land Bank to the village for redevelopment following demolition of the Paw Paw Plating building.
Feister Oil Company	Wayne	82001427	OM	\$451,574	\$344,637	\$5,465	\$350,103	The presence of free petroleum product is acting as a source of groundwater contamination and the plumes are immediately adjacent to storm sewers which can discharge to surface water. Operation of a dual phase treatment system is preventing the contaminants from discharging to the Rouge River. The liable party entity is dissolved. A sanitary sewer system exists at the facility. The actions taken at this site have prevented risks associated with LNAPL entering the storm sewers.
Uniroyal Properties	Wayne	82000213	In Progress	\$2,485,659	\$148,666	\$25,802	\$174,468	Mercury contamination is discharging to the Detroit River above acceptable criteria levels. Excavation of the mercury contamination will prevent or control the discharge of contaminated groundwater. Legal council has determined that a viable liable party can not be identified. The area is served by the city of Detroit's waste water treatment system. Removal of contaminated fill along the riverfront will reduce discharges of contaminated groundwater to the Detroit River and assist in redevelopment of the property
AAR Cadillac Manufacturing	Wexford	83000036	Monitoring	\$208,617	\$101,413	\$10,297	\$111,710	The groundwater contamination is located within the municipal wellhead protection zone. Oversight and monitoring of liable parties actions will ensure reduction of contaminants leaching to the groundwater. A consent decree has been issued that requires the liable party to operate treatment systems until defined criteria are met. The facility is serviced by the city of Cadillac's water and sewer system. Actions at the site have helped facilitate risk reduction in soil contamination and groundwater contamination.
Unassigned				\$7,797	(\$5,901)	\$13,698	\$7,797	
<b>Totals</b>				<b>\$72,540,696</b>	<b>\$23,792,627</b>	<b>\$1,255,788</b>	<b>\$25,048,415</b>	

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**Appendix D: Report on the Environmental Cleanup and Redevelopment Emergency and Contingency Program**  
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BASIC SITE INFORMATION							FUNDING INFORMATION		RESPONSE ACTIONS	
PROJECT NAME	COUNTY	SITE #	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED DATE OF COMPLETION	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Former Curtisville Filling	Alcona	01000039	213	complete			\$4,474	\$4,474	RS	
Former Tavern & Gas Station	Alcona	01000038	201	complete			\$4,422	\$4,422	RS	
Paragon Metal Works/Mikado Total	Alcona	01000037	213	complete			\$9,744	\$9,744	RS	
Phil's Sunoco	Alcona	01000016	213	complete			\$26	\$26	RS	
Hilltop Grocery	Alger	02000059	213	complete			\$20,240	\$20,240	RS	
Jerry & Pats Party Store (former)	Alger	02000039	213	complete			\$5,650	\$5,650	RS	
Laughing Whitefish Trading Post	Alger	02000017	213	complete			\$3,351	\$3,351	RS	
Tendercare Munising	Alger	02000046	201	complete			\$295,659	\$295,659	RS	
Allegan Metal Finishing	Allegan	03000004	201	complete			\$10,628	\$10,628	RS	
Baseline Road Pesticide Barn	Allegan	03000219	201	complete			\$110,040	\$110,040	RS	
Blue Star & M-89	Allegan	03000172	201	complete			\$7,675	\$7,675	AW	
Blue Star & M-89	Allegan	03000172	201	complete			\$631	\$631	RS	
Ebert Farm	Allegan	03000198	201	complete			\$49,438	\$49,438	RS	
Hamilton Farm Bureau Cooperative	Allegan	03000232	201	complete			\$18,599	\$18,599	AW	
Jersey Street Plainwell	Allegan	03000037	201	complete			\$2,080	\$2,080	RS	
Pullman Road at 109th Avenue	Allegan	03000163	201	complete			\$1,102	\$1,102	RS	
Res Wells Lincoln Rd	Allegan	03000029	201	complete			\$166	\$166	RS	
Saugatuck Township Contamination	Allegan	03000221	201	complete			\$180,779	\$180,779	RS	
Saugatuck Township Contamination	Allegan	03000221	201	complete			\$50,000	\$50,000	AW	
Sunrise LF	Allegan	03000031	201	complete			\$700	\$700	RS	
Alpena Manufacturing	Alpena	04000026	201	complete			\$13,646	\$13,646	RS	
Bob-A-Lu Market	Alpena	04000160	213	complete			\$15,733	\$15,733	RS	
Brown Jug Party Store	Alpena	04000158	213	complete			\$477	\$477	RS	
Chippewa Drive Fuel Oil Release	Alpena	04000149	201	complete			\$250,968	\$250,968	RS	
Harborside Mall	Alpena	04000154	213	complete			\$6,328	\$6,328	RS	
Hubbard Lake Garage	Alpena	04000156	213	complete			\$9,684	\$9,684	RS	
Hubbard Lake General Store	Alpena	04000157	213	complete			\$1,044	\$1,044	RS	
Male's Grocery	Alpena	04000159	213	complete			\$477	\$477	RS	
National Gypsum	Alpena	04000095	201	complete			\$49	\$49	RS	
Schultz's Market and Gas	Alpena	04000023	213	complete			\$5,844	\$5,844	RS	
Woody's Grocery	Alpena	04000018	213	complete			\$250,497	\$250,497	RS	
Alba Road 5895	Antrim	05000096	201	complete			\$71,975	\$71,975	RS	
Bellaire Bay Mart	Antrim	05000091	213	complete			\$6,649	\$6,649	RS	
Chippewa Oil Bulk Plant	Antrim	05000115	201	complete			\$1,331	\$1,331	RS	
Clam Lake Road Residential Wells	Antrim	05000100	201	complete			\$400	\$400	RS	

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PROJECT NAME	COUNTY	SITE #	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED DATE OF COMPLETION	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Clam Lake Road Residential Wells	Antrim	05000100	201	complete			\$24,824	\$24,824	AW	
Coy St. Development	Antrim	05000126	213	complete			\$4,205	\$4,205	RS	
Donald Lemond	Antrim	05000125	213	complete			\$3,630	\$3,630	RS	
JKW Salvage	Antrim	05000016	201	complete			\$7,152	\$7,152	RS	
Lake of the Woods Salvage Yard	Antrim	05000024	201	complete			\$5,589	\$5,589	RS	
Res Wells Torch Lake Twp	Antrim	05000109	213	complete			\$42	\$42	RS	
The Lake Auto Clinic	Antrim	05000103	213	complete			\$177,739	\$177,739	RS	
Vlg of Mancelona	Antrim	05000018	201	complete			\$270	\$270	RS	
Wickes Manufacturing TCE Plume	Antrim	05000005	201	complete			\$88,812	\$88,812	RS	
Wickes Manufacturing TCE Plume	Antrim	05000005	201	complete			\$24,600	\$24,600	AW	
Arnold's Hardware (former)	Arenac	06000057	201	complete			\$794	\$794	RS	
Main Street Road 3493 Twining	Arenac	06000056	213	complete			\$506	\$506	RS	
Saganing Sagamok	Arenac	06000074	213	complete			\$23	\$23	RS	
Wild Bills/Central Oil	Arenac	06000045	213	complete			\$280	\$280	RS	
Gitche Gumee Oil Co. L'Anse	Baraga	07000042	213	complete			\$19,933	\$19,933	RS	
Res. Well L'Anse Twp.	Baraga	07000049	213	complete			\$590	\$590	RS	
Blankenstein Pontiac - Oldsmobile	Barry	08000105	213	complete			\$19,022	\$19,022	RS	
Caulkins Citgo	Barry	08000107	213	complete			\$8,387	\$8,387	RS	
Dowling Body Shop	Barry	08000108	213	complete			\$16,674	\$16,674	RS	
Kavco LF	Barry	08000007	201	complete			\$9,903	\$9,903	RS	
Paul R Fruin/State & Apple	Barry	08000092	213	complete			\$700	\$700	RS	
Snyder Garage	Barry	08000095	213	complete			\$5,837	\$5,837	RS	
Woodland Partners	Barry	08000109	213	complete			\$10,682	\$10,682	RS	
Woodland Residential Wells	Barry	08000013	213	complete			\$188	\$188	RS	
Al's Mobil	Bay	09000189	213	complete			\$100	\$100	RS	
Amoco Former Bay City Terminal	Bay	09000002	213	complete			\$16	\$16	RS	
Consumer Power Manuf Gas Plant	Bay	09000183	201	complete			\$1,760	\$1,760	RS	
Hartley & Hartley SCA-owned	Bay	09000191	201	complete			\$5,966	\$5,966	RS	
Patterson Service	Bay	09000299	213	complete			\$128,929	\$128,929	RS	
Woodside #1 (PN 320)	Bay	09000260	201	complete			\$25,348	\$25,348	RS	
B & M Party Store	Benzie	10000041	213	complete			\$4,130	\$4,130	RS	
Benzie Corners	Benzie	10000067	213	complete			\$9,048	\$9,048	RS	
Bud's in Honor	Benzie	10000070	213	complete			\$8,899	\$8,899	RS	
Crystal Lake Bike Trail	Benzie	10000055	201	complete			\$325,289	\$325,289	RS	
Village of Honor Res. Wells	Benzie	10000009	213	complete			\$1,926	\$1,926	RS	
Woodland Oil Co	Benzie	10000010	201	complete			\$435	\$435	RS	
Amoco #5389	Berrien	11000445	213	complete			\$269	\$269	RS	

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PROJECT NAME	COUNTY	SITE #	REGULATORY AUTHORITY	OVERALL STATUS	ESTIMATED DATE OF COMPLETION	ACUTE	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	COMMENTS
Amoco Service Station #9747	Berrien	11000446	213	complete			\$340	\$340	RS	
Buchanan Steel	Berrien	11000345	201	complete			\$33,590	\$33,590	RS	
Coloma DCPA Site	Berrien	11000373	201	complete			\$280,000	\$280,000	AW	
D & W Recycling	Berrien	11000419	201	complete			\$23,376	\$23,376	RS	
Dale's Mini Mart	Berrien	11000333	201	complete			\$125,378	\$125,378	RS	
Dale's Mini Mart	Berrien	11000333	201	complete			\$253,613	\$253,613	AW	
Dave's Shell	Berrien	11000384	213	complete			\$90,715	\$90,715	RS	
Fletcher Paper Mill	Berrien	11000247	213	complete			\$5,930	\$5,930	RS	
Frank's Pro Station	Berrien	11000063	213	complete			\$8,926	\$8,926	RS	
Gafill Oil Company	Berrien	11000381	213	complete			\$20,868	\$20,868	RS	
Gary's Union 76	Berrien	11000376	213	complete			\$1,013	\$1,013	RS	
Gene's Party Pantry	Berrien	11000236	213	complete			\$2,658	\$2,658	RS	
Harbor Plating	Berrien	11000075	201	complete			\$5,326	\$5,326	RS	
Sandalic Grocery & Gas	Berrien	11000293	213	complete			\$15,582	\$15,582	RS	
Travel Inn Motel	Berrien	11000043	201	complete			\$18,734	\$18,734	RS	
Weaver Property	Berrien	11000422	201	complete			\$68,960	\$68,960	RS	
Bronson Area Wells	Branch	12000006	201	complete			\$8,800	\$8,800	AW	
Butler Motor Speedway	Branch	12000042	201	complete			\$50	\$50	RS	
Egypt Express Station	Branch	12000097	213	complete			\$5,490	\$5,490	RS	
K&H Tire & Alignment	Branch	12000060	213	complete			\$9,377	\$9,377	RS	
Scott & Fetzer Corporation	Branch	12000085	201	complete			\$16,797	\$16,797	RS	
Albion-Sheridan Twp. Landfill	Calhoun	13000003	201	complete			\$3,296	\$3,296	RS	
Baker Oil (E. Michigan)	Calhoun	13000270	213	complete			\$258	\$258	RS	
Bears Den	Calhoun	13000395	213	complete			\$18,139	\$18,139	RS	
Bedford Twp.	Calhoun	13000283	213	complete			\$4,841	\$4,841	RS	
Clark #767 (Marshall)	Calhoun	13000389	213	complete			\$147	\$147	RS	
Clark #768 (Albion)	Calhoun	13000390	213	complete			\$184	\$184	RS	
Clark Service Station #500	Calhoun	13000391	213	complete			\$147	\$147	RS	
East Leroy Variety Store	Calhoun	13000337	213	complete			\$6,651	\$6,651	RS	
Enbridge Spill-Talmadge Ck-Kalamazoo R	Calhoun	13000397	201	in progress	Unknown		\$3,813,456	\$2,805,359	RS	Oversight of liable party cleanup actions related to a pipeline rupture affecting 35 miles of the Kalamazoo River.
Former Mastermak Property	Calhoun	13000396	213	complete			\$11,416	\$11,416	RS	
Helmer I-94	Calhoun	13000400	213	complete			\$479	\$479	RS	
Kimber Trucking	Calhoun	13000399	213	complete			\$2,541	\$2,541	RS	
Korner Krossroads Party Store	Calhoun	13000247	213	complete			\$9,021	\$9,021	RS	
Logan's Gas & Deli	Calhoun	13000392	213	complete			\$877,124	\$877,124	RS	
McLeieer Oil Co. (Capital)	Calhoun	13000057	213	complete			\$20	\$20	RS	
Pioneer Auto Truck Stops	Calhoun	13000401	213	complete			\$74	\$74	RS	
Ronan & Kunzel-Airport Facility	Calhoun	13000306	201	complete			\$34,410	\$34,410	RS	

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Stanley Corner Party Store	Calhoun	13000375	213	complete			\$10,365	\$10,365	RS	
West Urbandale Area Wells	Calhoun	13000360	201	complete			\$144,361	\$144,361	AW	
West Urbandale Area Wells	Calhoun	13000360	201	complete			\$11,089	\$11,089	RS	
Cass Street Area Edwardsburg	Cass	14000002	201	complete			\$5,000	\$5,000	RS	
Cleveland Property, 15600 Guyer Street	Cass	14000093	201	complete			\$38,154	\$38,154	RS	
Dowagiac LF City of	Cass	14000003	201	complete			\$719	\$719	RS	
Henco Enterprises Inc	Cass	14000031	201	complete			\$5,948	\$5,948	RS	
Herb's Auto Care	Cass	14000102	213	complete			\$33,022	\$33,022	RS	
Indian Lake Mini Super	Cass	14000074	213	complete			\$600	\$600	RS	
Porter Baptist Church	Cass	14000095	201	complete			\$472,740	\$472,740	RS	
Rigg's Corner Store	Cass	14000077	213	complete			\$4,100	\$4,100	RS	
Septage Cleanup City of Dowagiac	Cass	14000098	201	complete			\$29,096	\$29,096	RS	
Southwest Cass Co LF	Cass	14000015	201	complete			\$561	\$561	RS	
Southwest Cass Co LF	Cass	14000015	201	complete			\$12,000	\$12,000	AW	
Sundstrand Heat Transfer (NCP)	Cass	14000027	201	complete			\$118,113	\$118,113	RS	
Terminal Rd LF	Cass	14000016	201	complete			\$330,759	\$330,759	RS	
Terminal Rd LF	Cass	14000016	201	complete			\$9,891	\$9,891	AW	
U.S. Aviox	Cass	14000017	201	complete			\$52	\$52	RS	
Charlevoix Mun Well Field (PCE)	Charlevoix	15000009	201	complete			\$2,200	\$2,200	RS	
Clare's Country Corners	Charlevoix	15000134	213	complete			\$13,524	\$13,524	RS	
DME Company	Charlevoix	15000010	201	complete			\$74,901	\$74,901	RS	
East Jordan Laundromat	Charlevoix	15000055	201	complete			\$1,176	\$1,176	RS	
Former Cass Supply	Charlevoix	15000135	213	complete			\$82	\$82	RS	
Hoskins Manufacturing Charlevoix	Charlevoix	15000104	201	complete			\$1,508	\$1,508	RS	
Center Tool and Machine	Cheboygan	16000001	201	complete			\$454,764	\$454,764	RS	
Cheboygan City Park	Cheboygan	16000095	201	complete			\$176	\$176	RS	
Cheboygan Co Rd Comm	Cheboygan	16000002	201	complete			\$8,041	\$8,041	AW	
Club Rd Property	Cheboygan	16000092	213	complete			\$13,301	\$13,301	RS	
Cook Corporation	Cheboygan	16000075	213	complete			\$422,200	\$422,200	RS	
Freedom Rock Shop	Cheboygan	16000124	213	complete			\$6,050	\$6,050	RS	
H & H Tube and Manufacturing	Cheboygan	16000114	201	complete			\$230	\$230	RS	
Main Street ROW	Cheboygan	16000115	213	complete			\$11,069	\$11,069	RS	
White's Sales & Service	Cheboygan	16000123	213	complete			\$2,488	\$2,488	RS	
Whittaker Asphalt & Paving (ofc)	Cheboygan	16000043	213	complete			\$7,316	\$7,316	RS	
Park Shell Service	Chippewa	17000132	213	complete			\$6,270	\$6,270	RS	
Robert Kelly	Chippewa	17000153	213	complete			\$7,641	\$7,641	RS	
Vansloten Shell, Rudyard	Chippewa	17000158	213	complete			\$7,642	\$7,642	RS	
Clare Ave., 8042 N.	Clare	18000112	213	complete			\$1,482	\$1,482	RS	

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Clare Avenue, 7415 North	Clare	18000113	213	complete			\$489	\$489	RS	
Clare Sanitary LF City of	Clare	18000007	201	complete			\$359,659	\$359,659	RS	
Clare Water Supply	Clare	18000006	201	complete			\$755	\$755	RS	
Hillcrest Ave., 1070, Lake	Clare	18000111	201	complete			\$18,753	\$18,753	RS	
John S York	Clare	18000095	213	complete			\$13,456	\$13,456	RS	
Snow Snake Truckstop Auto Plaza	Clare	18000093	213	complete			\$8,983	\$8,983	RS	
The Depot	Clare	18000101	213	complete			\$588	\$588	RS	
Wheat Tire Fire	Clare	18000086	201	complete			\$62,387	\$62,387	RS	
Winterfield Gas Storage Field	Clare	18000021	201	complete			\$15,972	\$15,972	AW	
Ackel's Car Care	Clinton	19000047	213	complete			\$40,761	\$40,761	RS	
Drakes Mkt Plus	Clinton	19000168	213	complete			\$13,224	\$13,224	RS	
Fargo Oil	Clinton	19000045	213	complete			\$104	\$104	RS	
Fred Bear Archery Former	Crawford	20000073	201	complete			\$15,000	\$15,000	RS	
Riker Drum	Crawford	20000072	201	complete			\$21,396	\$21,396	RS	
Bay de Noc Oil Gladstone	Delta	21000089	201	complete			\$89,260	\$89,260	RS	
Beatrice Micheau aka Shelli's Deli	Delta	21000118	213	complete			\$9,520	\$9,520	RS	
Citgo Quick Food Mart	Delta	21000121	213	complete			\$4,973	\$4,973	RS	
Gladstone Creosote Dischare	Delta	21000110	201	complete			\$101,217	\$101,217	RS	
Leila Moser	Delta	21000123	213	complete			\$7,766	\$7,766	RS	
N 5th St Solvent Contamination	Delta	21000088	201	complete			\$392,100	\$392,100	AW	
NuWay Cleaners, Escanaba	Delta	21000092	201	complete			\$9,494	\$9,494	RS	
Res Wells Vlg Of Schaffer_(Pach's Grocery)	Delta	21000014	201	complete			\$14,878	\$14,878	AW	
Easton Estates	Dickinson	22000046	201	complete			\$20,766	\$20,766	RS	
77 W Grand Ledge Hwy-Drums	Eaton	23000169	201	complete			\$17,239	\$17,239	RS	
Bob's Marathon	Eaton	23000034	213	complete			\$14,776	\$14,776	RS	
Brandenburg Tank Farm	Eaton	23000001	201	complete			\$72,317	\$72,317	RS	
Burns Gas Spill/642 Michigan Rd	Eaton	23000150	201	complete			\$23,520	\$23,520	RS	
Cheney Limestone Co.	Eaton	23000049	201	complete			\$3,000	\$3,000	RS	
D & L Fuels	Eaton	23000051	213	complete			\$100	\$100	RS	
Eaton Technologies Inc.	Eaton	23000040	201	complete			\$2,741	\$2,741	RS	
Keewenaw Party Store	Eaton	23000073	213	complete			\$6,165	\$6,165	RS	
Olivet Well #3	Eaton	23000191	213	complete			\$60,795	\$60,795	AW	
Phillips 66	Eaton	23000208	213	complete			\$13,060	\$13,060	RS	
Farmers Petroleum Coop-Petoskey	Emmet	24000027	213	complete			\$85	\$85	RS	
Harborside Inn	Emmet	24000101	213	complete			\$18,620	\$18,620	RS	
Kruegers, Inc.	Emmet	24000105	213	complete			\$9,666	\$9,666	RS	
Lakeshore Tire and Supply	Emmet	24000100	213	complete			\$10,379	\$10,379	RS	

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Little Traverse Bay CKD Release Site	Emmet	24000060	201	complete			\$9,816	\$9,816	RS	
Mackinaw City Public School	Emmet	24000103	213	complete			\$8,088	\$8,088	RS	
US-31 & Engalls St.	Emmet	24000104	213	complete			\$5,118	\$5,118	RS	
1630 Mabel Street, Flint	Genesee	25000512	201	complete			\$11,510	\$11,510	RS	
Bionic Starter and Alternator	Genesee	25000612	213	complete			\$540	\$540	RS	
Bishop Airport Dump	Genesee	25000453	201	complete			\$45	\$45	RS	
Corsair Engineering	Genesee	25000042	201	complete			\$3,415	\$3,415	RS	
Fisherman's Landing	Genesee	25000427	213	complete			\$2,513	\$2,513	RS	
J&J Service Station	Genesee	25000256	213	complete			\$1,020	\$1,020	RS	
Letavis Cloth Wash	Genesee	25000110	213	complete			\$12,285	\$12,285	RS	
N Saginaw and Cornelia	Genesee	25000674	201	complete			\$11,009	\$11,009	RS	
Sunoco (R&M)	Genesee	25000384	213	complete			\$7,722	\$7,722	RS	
Thrall Oil Site Former	Genesee	25000023	201	complete			\$2,037	\$2,037	RS	
Vienna Road Alley	Genesee	25000385	213	complete			\$71,530	\$71,530	RS	
Bondale Dinkens	Gladwin	26000072	213	complete			\$134	\$134	RS	
Gazey Aleck Station	Gladwin	26000068	213	complete			\$53	\$53	RS	
Howard Jameson A+H Racing	Gladwin	26000060	213	complete			\$7,386	\$7,386	RS	
Rabb #12 (PN 4466)	Gladwin	26000026	201	complete			(\$7,064)	(\$7,064)	RS	
School Road, Residential Well	Gladwin	26000093	201	complete			\$12,179	\$12,179	AW	
Sportsmen's Landing	Gladwin	26000067	213	complete			\$53	\$53	RS	
Thurlow #1 (PN 28162)	Gladwin	26000046	201	complete			\$30,715	\$30,715	RS	
Toutants General Store	Gladwin	26000042	213	complete			\$3,610	\$3,610	RS	
Winegars Trading Post	Gladwin	26000061	213	complete			\$1,122	\$1,122	RS	
ZZZ Best Service Station	Gladwin	26000079	213	complete			\$352	\$352	RS	
Ironwood MGP	Gogebic	27000066	201	complete			\$2,566	\$2,566	RS	
Lime Street - Gas Vapors	Gogebic	27000062	201	complete			\$18,522	\$18,522	RS	
4 Corners Site	Grand Traverse	28000101	213	complete			\$10,966	\$10,966	RS	
Amoco #0188	Grand Traverse	28000086	213	complete			\$690	\$690	RS	
Amoco #6477	Grand Traverse	28000001	213	complete			\$690	\$690	RS	
Burleigh Residence Fuel Oil Release	Grand Traverse	28000244	201	complete			\$29,014	\$29,014	RS	
Carl's Retreading	Grand Traverse	28000206	201	complete			\$156,988	\$156,988	RS	
Coal Gasification	Grand Traverse	28000110	201	complete			\$180	\$180	RS	
Evans Wallpaper & Paint	Grand Traverse	28000228	213	complete			\$1,281	\$1,281	RS	
Fife Lake Res Well Chlorides	Grand Traverse	28000213	201	complete			\$3,845	\$3,845	AW	
Gonzalez Residence Fuel Oil	Grand Traverse	28000347	201	complete			\$255	\$255	RS	
Imperial Oil (former)	Grand Traverse	28000240	213	complete			\$13,289	\$13,289	RS	
Karlin Grocery	Grand Traverse	28000091	213	complete			\$8,632	\$8,632	RS	
M 113 Raceway	Grand Traverse	28000041	201	complete			\$6,146	\$6,146	AW	
Ranch Rudolf	Grand Traverse	28000237	213	complete			\$507	\$507	RS	

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Res Well East Bay	Grand Traverse	28000049	201	complete			\$7,076	\$7,076	AW	
Scamehorn Shell	Grand Traverse	28000090	213	complete			\$352,972	\$352,972	RS	
Stop-N-Shop	Grand Traverse	28000241	213	complete			\$7,235	\$7,235	RS	
Traverse City Iron Works	Grand Traverse	28000201	201	complete			\$1,140	\$1,140	RS	
Traverse City Place	Grand Traverse	28000224	201	complete			\$80	\$80	RS	
Universal Car Wash II	Grand Traverse	28000233	213	complete			\$33	\$33	RS	
VanKlombenberg Residence	Grand Traverse	28000160	201	complete			\$11,301	\$11,301	RS	
Woodmere Barrels	Grand Traverse	28000210	201	complete			\$214	\$214	RS	
Biddinger, Frank R.	Gratiot	29000140	213	complete			\$3,468	\$3,468	RS	
Gratiot County Landfill	Gratiot	29000046	201	complete			\$12,823	\$12,823	RS	
Gratiot Metal Property	Gratiot	29000006	201	complete			\$402	\$402	RS	
Midwest Refinery	Gratiot	29000019	201	complete			\$261,689	\$261,689	RS	
Uptown Party Store	Gratiot	29000148	213	complete			\$55	\$55	RS	
Velsicol Chemical Corp.	Gratiot	29000070	201	complete			\$100	\$100	RS	
Williams Garage-Pompeii	Gratiot	29000138	213	complete			\$4,466	\$4,466	RS	
Wilson's Grocery	Gratiot	29000123	213	complete			\$1,850	\$1,850	RS	
Iva General Store	Hemlock	73000715	213	complete			\$5,697	\$5,697	RS	
6280 Quackenbush Road	Hillsdale	30000293	201	complete			\$15,695	\$15,695	RS	
Jacks Cracker Barrel	Hillsdale	30000211	213	complete			\$200	\$200	RS	
Polkow Oiling Service	Hillsdale	30000018	213	complete			\$2,819	\$2,819	RS	
Titus 2 (PN 31264)	Hillsdale	30000198	201	complete			(\$6,648)	(\$6,648)	RS	
Belkowski Well	Houghton	31000077	201	complete			\$16,421	\$16,421	AW	
Calumet Field Office	Houghton	31000010	213	complete			\$103	\$103	RS	
Chassell Citgo	Houghton	31000097	213	complete			\$5,727	\$5,727	RS	
Formerly - Alston Market	Houghton	31000059	213	complete			\$4,164	\$4,164	RS	
Houghton County Marina	Houghton	31000515	213	complete			\$5,399	\$5,399	RS	
Kauppi Oil Enterprises	Houghton	31000514	213	complete			\$18,017	\$18,017	RS	
Kramer Service	Houghton	31000086	213	complete			\$3,771	\$3,771	RS	
Krupp's Mini Mart (213)	Houghton	31000516	213	complete			\$5,140	\$5,140	RS	
Laurium Service	Houghton	31000511	213	complete			\$6,965	\$6,965	RS	
Makela Family Trust	Houghton	31000513	213	complete			\$6,449	\$6,449	RS	
Migrating Stampsands	Houghton	31000051	201	complete			\$22,000	\$22,000	RS	
North Entry Stampsands	Houghton	31000052	201	complete			\$4,230	\$4,230	RS	
Peninsula Copper Industries	Houghton	31000084	201	complete			\$843	\$843	RS	
Point Mill Stampsands	Houghton	31000053	201	complete			\$39,134	\$39,134	RS	
Quincy Smelter	Houghton	31000062	201	complete			\$3,845	\$3,845	RS	
Sidnaw Mini-Mart	Houghton	31000502	213	complete			\$5,810	\$5,810	RS	
Stanton Convenience	Houghton	31000512	213	complete			\$508	\$508	RS	
Farmers Co-op, Kinde	Huron	32000100	201	complete			\$2,842	\$2,842	RS	
Muffler Man Bad Axe	Huron	32000092	213	complete			\$5,674	\$5,674	RS	

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Port Austin PCE Plume	Huron	32000084	201	complete			\$101,589	\$101,589	AW	
Port Austin Rd., 3108	Huron	32000140	213	complete			\$4,935	\$4,935	RS	
Rapson Rd., 3501---3505	Huron	32000112	213	complete			\$13,366	\$13,366	RS	
Washington, 4700	Huron	32000098	213	complete			\$16,913	\$16,913	RS	
Action Auto Inc	Ingham	33000599	213	complete			\$1,010	\$1,010	RS	
Clark Station #1995	Ingham	33000474	213	complete			\$6,994	\$6,994	RS	
Crum - Air Criteria Contract	Ingham	33000570	201	complete			\$2,946	\$2,946	RS	
E. Grand River Ave Right-of-way	Ingham	33000594	213	complete			\$2,096	\$2,096	RS	
Goddard Medical Wastes Dump	Ingham	33000194	201	complete			\$14,470	\$14,470	RS	
Gunn Rd LF	Ingham	33000020	201	complete			\$7,549	\$7,549	AW	
May and June Street Drums	Ingham	33000548	201	complete			\$48,216	\$48,216	RS	
Ramadan 2 inc-Action Auto #31	Ingham	33000552	213	complete			\$4,355	\$4,355	RS	
Webberville Oil	Ingham	33000561	213	complete			\$559	\$559	RS	
Antcliff/Johnson Road	Ionia	34000130	201	complete			\$8,729	\$8,729	AW	
Antcliff/Johnson Road	Ionia	34000130	201	complete			\$47	\$47	RS	
Belding Foods	Ionia	34000056	213	complete			\$8,732	\$8,732	RS	
Gallagher Farms	Ionia	34000131	201	complete	Unknown		\$91,631	\$91,631	RS	
Gene Carr	Ionia	34000128	213	complete			\$1,129	\$1,129	RS	
Grace Ritter Property	Ionia	34000096	213	complete			\$7,871	\$7,871	RS	
Hubbardston Service Station	Ionia	34000019	213	complete			\$5,954	\$5,954	RS	
Justice Junction/Nancy Justice	Ionia	34000122	213	complete			\$1,650	\$1,650	RS	
Lake O Laundry	Ionia	34000132	213	complete			\$6,947	\$6,947	RS	
Bublitz Oil Full Service Oscoda	Iosco	35000027	213	complete			\$1,920	\$1,920	RS	
DNR - Real Estate Division	Iosco	35000109	213	complete			\$132,346	\$132,346	RS	
E. A. Wood Concrete Products	Iosco	35000119	201	complete			\$1,800	\$1,800	RS	
Graham Oil Bulk Plant	Iosco	35000112	213	complete			\$419	\$419	RS	
Hedblum	Iosco	35000002	201	complete			\$300	\$300	RS	
PCE Plume East Tawas	Iosco	35000096	201	complete			\$9,896	\$9,896	RS	
Rainbow Shell	Iosco	35000076	213	complete			\$1,044	\$1,044	RS	
Res Wells Bachman Rd	Iosco	35000005	201	complete			\$214	\$214	RS	
Sand Lake Road, 1344 North	Iosco	35000116	213	complete			\$11,965	\$11,965	AW	
Van Ettan Creek Road, 5770	Iosco	35000118	201	complete			\$109,500	\$109,500	AW	
Washington, 114 N.	Iosco	35000134	213	complete			\$5,914	\$5,914	RS	
424 Store	Iron	36000041	213	complete			\$212	\$212	RS	
Johns Shell (Automotive Specialists)	Iron	36000040	213	complete			\$5,385	\$5,385	RS	
Krist Oil Co Gas Spill-CR643	Iron	36000023	213	complete			\$297	\$297	RS	
Sartori Service Station	Iron	36000044	201	complete			\$10,194	\$10,194	RS	
Conrad English	Isabella	37000088	213	complete			\$984	\$984	RS	
Dowell Schlumberger	Isabella	37000137	201	complete			\$200	\$200	RS	

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Firstbank Winn Branch	Isabella	37000018	213	complete			\$2,250	\$2,250	RS	
Honneger's Grain Elevator	Isabella	37000125	201	complete			\$8,023	\$8,023	RS	
Res Contamination 7859 Walton Road	Isabella	37000100	201	complete			\$143,649	\$143,649	RS	
Russell Road, 9684, Res Well	Isabella	37000136	201	complete			\$5,371	\$5,371	AW	
Vernon Oil Field	Isabella	37000127	201	complete			\$374	\$374	RS	
Vernon Oil Field	Isabella	37000127	201	complete			\$32,329	\$32,329	AW	
Winn Rd., 7993 S.	Isabella	37000158	213	complete			\$20,191	\$20,191	RS	
Aspen Way Residential Well	Jackson	38000329	201	complete			\$12,904	\$12,904	AW	
Griff's	Jackson	38000370	213	complete			\$18,298	\$18,298	RS	
Keyes Sunoco	Jackson	38000400	213	complete			\$7,464	\$7,464	RS	
Motor State Oil & Grease	Jackson	38000316	201	complete			\$7,872	\$7,872	RS	
Noble Duncan	Jackson	38000310	213	complete			\$6,707	\$6,707	RS	
Pleasant Lake Party Store-Danny's	Jackson	38000040	213	complete			\$7,495	\$7,495	RS	
25th Street, Richland Twp	Kalamazoo	39000425	201	complete			\$48,480	\$48,480	RS	
Alamo General Store	Kalamazoo	39000394	213	complete			\$39,852	\$39,852	RS	
Allied Paper/Portage Crk/Kalamazoo River	Kalamazoo	39000051	201	complete			\$5,769	\$5,769	RS	
Auto Ion Chemicals, Inc.	Kalamazoo	39000005	201	complete			\$1,139	\$1,139	RS	
Coca-Cola Bottling Co.	Kalamazoo	39000495	213	complete			\$5,599	\$5,599	RS	
Douglas and Alamo	Kalamazoo	39000488	201	in progress	9/30/15		\$12,000	\$3,459	RS	Investigation in progress to assess soil and groundwater contamination resulting from dry cleaning operations.
Douglas Avenue Well	Kalamazoo	39000485	201	complete			\$374,210	\$374,210	AW	
Eaton Corporation	Kalamazoo	39000429	201	complete			\$301,943	\$301,943	RS	
Fulton Sunoco (McLeieer Oil)	Kalamazoo	39000398	213	complete			\$1,523	\$1,523	RS	
Haugen Property	Kalamazoo	39000486	201	in progress	Unknown		\$435,534	\$424,786	RS	Monitoring groundwater to assure the protection of area drinking water supplies.
KL Avenue Landfill	Kalamazoo	39000017	201	complete			\$5,375	\$5,375	RS	
Lakeside Refining Co	Kalamazoo	39000023	201	complete			\$1,445	\$1,445	RS	
McDonald's Crosstown Service	Kalamazoo	39000469	213	complete			\$79	\$79	RS	
McLeieer Oil	Kalamazoo	39000248	213	complete			\$62,671	\$62,671	RS	
Moore's Milwood Service	Kalamazoo	39000460	213	complete			\$189,009	\$189,009	RS	
Ohio & Van Housen	Kalamazoo	39000368	201	complete			\$500	\$500	RS	
Panelyte	Kalamazoo	39000080	201	complete			\$20,999	\$20,999	RS	
Schoolcraft Area Organics Contam	Kalamazoo	39000052	201	complete			\$35	\$35	RS	
Sinclair Bulk Stor Amer Aggreg	Kalamazoo	39000267	201	complete			\$16,881	\$16,881	RS	
2224 N. Birch Street	Kalkaska	40000070	201	complete			\$11,080	\$11,080	AW	
Antrim Kalkaska LF	Kalkaska	40000004	201	complete			\$1,162	\$1,162	RS	

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Homco	Kalkaska	40000050	201	complete			\$248	\$248	RS	
Jordan Residence	Kalkaska	40000065	213	complete			\$6,723	\$6,723	RS	
Kalkaska PBB Cattle Site	Kalkaska	40000025	201	complete			\$214	\$214	RS	
Novel Saco/Saco & Sons Inc	Kalkaska	40000074	213	complete			\$90	\$90	RS	
Starvation Lake General Store	Kalkaska	40000072	213	complete			\$74,592	\$74,592	RS	
Starvation Lake General Store	Kalkaska	40000072	213	complete			\$5,874	\$5,874	AW	
196 17 Mile (Mortensen Residence)	Kent	41000881	201	complete			\$5,253	\$5,253	AW	
421 Ann Street NW	Kent	41001021	201	complete			\$6,307	\$6,307	RS	
515 Michigan Street NE	Kent	41001115	213	complete			\$9,385	\$9,385	RS	
8581 Belding Road	Kent	41001073	213	complete			\$9,741	\$9,741	RS	
975 64th street	Kent	41000861	201	complete			\$8,967	\$8,967	AW	
American Laundry (Fmr)/Container Waste	Kent	41000228	201	complete			\$687	\$687	RS	
Auto Glass Specialists	Kent	41001117	213	complete			\$9,715	\$9,715	RS	
Autostyle Plastics, Inc. (Former)	Kent	41000113	201	complete			\$23,938	\$23,938	RS	
Belmont Grocery Inc	Kent	41000984	213	complete			\$2,959	\$2,959	RS	
Fennema Trucking	Kent	41000330	213	complete			\$866	\$866	RS	
Fox Motor Group LLC	Kent	41001116	213	complete			\$10,093	\$10,093	RS	
Grattan General Store	Kent	41000639	213	complete			\$179	\$179	RS	
Harvard Area GW Contamination	Kent	41000034	201	complete			\$777	\$777	RS	
Hoff Industries (Former)	Kent	41000202	201	complete			\$16,434	\$16,434	RS	
Incident Response Pilot Project	Kent	41000960	201	complete			\$305,532	\$305,532	RS	
Innovative Environmental Solutions Inc	Kent	41001112	201	complete			\$21,485	\$21,485	RS	
J & J car co.	Kent	41000818	213	complete			\$3,584	\$3,584	RS	
Kelly Tab	Kent	41000807	213	complete			\$12,975	\$12,975	RS	
Kountry Korner	Kent	41000970	213	complete			\$270	\$270	RS	
Kraft Street Partners LLC	Kent	41001114	213	complete			\$4,525	\$4,525	RS	
Michigan St - Twin Lakes Area	Kent	41000875	201	complete			\$145,000	\$145,000	AW	
Millenium Park - Johnson 1 (PN 5880)	Kent	41000992	201	complete			\$2,000	\$2,000	RS	
Pine Valley Pro Hardware	Kent	41001019	201	complete			\$9,494	\$9,494	RS	
Robinson Bulk Terminal	Kent	41000130	213	complete			\$54,499	\$54,499	RS	
Roy's Resale Property	Kent	41001113	213	complete			\$8,855	\$8,855	RS	
State Disposal Landfill, Inc.	Kent	41000062	201	complete			\$200	\$200	RS	
Uncle Lee's Trading Post/MRL Inc.	Kent	41000140	213	complete			\$4,113	\$4,113	RS	
Gay Stampsands	Keweenaw	42000013	201	complete			\$216,334	\$216,334	RS	
Inland Stampsands	Keweenaw	42000017	201	complete			\$76,702	\$76,702	RS	
Seneca Location Fuel Spill	Keweenaw	42000015	201	complete			\$206,316	\$206,316	RS	
AustinTube Co	Lake	43000001	201	complete			\$5,999	\$5,999	RS	

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Home Oil Company	Lake	43000051	213	complete			\$9,968	\$9,968	RS	
Hurley's Lodge	Lake	43000048	213	complete			\$4,464	\$4,464	RS	
Idlewild Gas Station (former)	Lake	43000045	213	complete			\$11,578	\$11,578	RS	
McNeeley Property	Lake	43000052	213	complete			\$395	\$395	RS	
Wash King Laundry	Lake	43000007	201	complete			\$16	\$16	RS	
Former Almont Do-It Hardware Store	Lapeer	44000201	201	complete			\$8,074	\$8,074	RS	
Metamora Landfill	Lapeer	44000005	201	complete			\$428	\$428	RS	
Ice Cream Factory	Leelanau	45000028	213	complete			\$9,012	\$9,012	RS	
Adrian Dry Cleaning	Lenawee	46000208	201	complete			\$50	\$50	RS	
Blissfield Vacant Lot	Lenawee	46000212	213	complete			\$12,588	\$12,588	RS	
Former Bread of Life Christian Center	Lenawee	46000213	213	complete			\$7,074	\$7,074	RS	
Palmer Rd Mercury Spill	Lenawee	46000177	201	complete			\$18,511	\$18,511	RS	
8080 Kensington Court	Livingston	47000256	201	complete			\$3,812	\$3,812	RS	
ACO Corporation - Pinkney	Livingston	47000063	201	complete			\$1,265	\$1,265	RS	
Chem Trend Inc	Livingston	47000006	201	complete			\$2,064	\$2,064	RS	
D&D Fuel Tank Farm	Livingston	47000263	201	complete			\$1,275	\$1,275	RS	
Diamond Chrome Plating, Inc.	Livingston	47000202	201	complete			\$7,485	\$7,485	RS	
Gould, Inc./325. N Roosevelt	Livingston	47000045	201	complete			\$11,010	\$11,010	RS	
Hamburg Twp Dump- Strawberry	Livingston	47000101	201	complete			\$1,528	\$1,528	RS	
Hamburg/Unadilla Rds Contam Area	Livingston	47000013	201	complete			\$230	\$230	RS	
Kelsey Hayes	Livingston	47000037	201	complete			\$500	\$500	RS	
Kensington/Jacoby Rd. Salt Contamination	Livingston	47000192	201	complete			\$4,811	\$4,811	RS	
Laier Farms Inc.	Livingston	47000228	213	complete			\$38	\$38	RS	
Lucy Rd Consolidated	Livingston	47000229	201	complete			\$7,773	\$7,773	RS	
Main Street - Gregory	Livingston	47000099	201	complete			\$1,325	\$1,325	RS	
Millies Market (dba toms)	Livingston	47000079	213	complete			\$18,020	\$18,020	AW	
Millies Market (dba toms)	Livingston	47000079	213	complete			\$11,431	\$11,431	RS	
National Controls	Livingston	47000154	201	complete			\$1,475	\$1,475	RS	
Regal Recycling	Livingston	47000221	201	complete			\$6,809	\$6,809	RS	
Snedicor's Cleaners of Howell	Livingston	47000262	201	complete			\$460	\$460	RS	
Superior Sanitation	Livingston	47000205	201	complete			\$478	\$478	RS	
Teledyne Howell - Penncraft	Livingston	47000149	201	complete			\$1,259	\$1,259	RS	
The Clark Station #2128	Livingston	47000248	213	complete			\$20	\$20	RS	
Thermofil Property	Livingston	47000039	201	complete			\$1,823	\$1,823	RS	
Weld Mold Co., Inc.	Livingston	47000105	201	complete			\$120	\$120	RS	
Bill's Market, Newberry	Luce	48000028	213	complete			\$350	\$350	RS	
Archibald & Yvonne Feneley	Mackinac	49000069	213	complete			\$4,682	\$4,682	RS	

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10 Mile Drain Area	Macomb	50000736	201	complete			\$9,993	\$9,993	RS	
Accent Car Wash	Macomb	50001223	213	complete			\$172	\$172	RS	
G & H Landfill	Macomb	50000009	201	complete			\$67,250	\$67,250	RS	
Prior Model Cars	Macomb	50000615	201	complete			\$1,330	\$1,330	RS	
Rub-A-Dub Cleaners	Macomb	50000698	201	complete			\$27,101	\$27,101	RS	
Sokana Mobil	Macomb	50001134	213	complete			\$14,183	\$14,183	RS	
South Macomb Disp	Macomb	50000032	201	complete			\$1,304	\$1,304	RS	
Spring Lake Subdivision	Macomb	50000604	201	complete			\$17,176	\$17,176	RS	
United #6201	Macomb	50000564	213	complete			\$1,521	\$1,521	RS	
Brown 19 Gas Plant (Facility 131)	Manistee	51000162	201	complete			\$5,500	\$5,500	RS	
Canfield & Wheeler #1	Manistee	51000179	201	complete			\$61,061	\$61,061	RS	
City of Manistee	Manistee	51000186	213	complete			\$6,434	\$6,434	RS	
Countryside Restaurant	Manistee	51000183	213	complete			\$10,603	\$10,603	RS	
Cripe Road	Manistee	51000135	213	complete			\$8,426	\$8,426	RS	
Muffler Man	Manistee	51000181	213	complete			\$682	\$682	RS	
PCA Sludge	Manistee	51000163	201	in progress	9/30/14		\$51,345	\$26,345	AW	Residential well replacement is in progress.
PCA Sludge	Manistee	51000163	201	in progress	9/30/14		\$1,399	\$1,399	RS	
Rengo Bros Warehouse Kaleva	Manistee	51000158	201	complete			\$21,654	\$21,654	RS	
W. Fox Farm Rd GW Contamination	Manistee	51000155	201	complete			\$43,984	\$43,984	AW	
Wellston True Value Hardware	Manistee	51000114	213	complete			\$24,754	\$24,754	RS	
Appleridge Residential Well	Marquette	52000160	201	complete			\$19,815	\$19,815	AW	
Deer Lake	Marquette	52000005	201	complete			\$19,812	\$19,812	RS	
EL-COM Services	Marquette	52000110	213	complete			\$12,670	\$12,670	AW	
Greenwood Self Serve	Marquette	52000166	213	complete			\$7,005	\$7,005	RS	
Joe & Son's Service	Marquette	52000150	213	complete			\$8,141	\$8,141	RS	
Midtown Service	Marquette	52000089	213	complete			\$357,983	\$357,983	RS	
Paton's Country Store	Marquette	52000083	213	complete			\$2,105	\$2,105	RS	
Copenhaver Barrels	Mason	53000115	201	complete			\$3,931	\$3,931	RS	
Freesoil Road GW Contamination	Mason	53000133	201	complete			\$11,101	\$11,101	AW	
Garlick's Shell Service	Mason	53000157	213	complete			\$6,480	\$6,480	RS	
Mason County Landfill	Mason	53000013	201	complete			\$1,148	\$1,148	RS	
Quick Lube	Mason	53000132	213	complete			\$3,025	\$3,025	AW	
Star Watch Case Co Plant	Mason	53000021	201	complete			\$3,460	\$3,460	RS	
United 6292	Mason	53000091	213	complete			\$450	\$450	RS	
17111 Sierra Drive, Big Rapids	Mecosta	54000065	201	complete			\$1,500	\$1,500	RS	
216 Millbrook	Mecosta	54000097	201	complete			\$15,371	\$15,371	RS	
514 Bronson Road	Mecosta	54000086	201	complete			\$14,138	\$14,138	RS	

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D&T Auto Repair	Mecosta	54000038	213	complete			\$7,974	\$7,974	RS	
Gingrich Tire Center	Mecosta	54000080	213	complete			\$81,984	\$81,984	RS	
Joes Tire Service/Ridderman Oil	Mecosta	54000079	213	complete			\$3,579	\$3,579	RS	
Morley Fire Department	Mecosta	54000098	213	complete			\$9,906	\$9,906	RS	
P.T. Plus	Mecosta	54000096	201	complete			\$51	\$51	RS	
Jack's Mobil	Menominee	55000080	213	complete			\$2,067	\$2,067	RS	
Star Corner Bar	Menominee	55000075	213	complete			\$30,037	\$30,037	AW	
Alamando Rd. 128 S.	Midland	56000197	201	complete			\$7,364	\$7,364	AW	
Alamando Rd. 129 S. Midland	Midland	56000184	201	complete			\$5,090	\$5,090	AW	
Alamando Rd. 129 S. Midland	Midland	56000184	201	complete			\$818	\$818	RS	
Carpenter, 915 East	Midland	56000073	213	complete			\$11,142	\$11,142	RS	
Pine River Rd., 2100	Midland	56000218	213	complete			\$5,503	\$5,503	RS	
Saginaw Rd., 1501 N.	Midland	56000201	213	complete			\$336	\$336	RS	
Saginaw Rd., 2706 N.	Midland	56000092	213	complete			\$12,364	\$12,364	RS	
Shepherd Road 4280 West Midland Resident	Midland	56000142	201	complete			\$17,977	\$17,977	RS	
Tittawabasee River	Midland	56000019	201	complete			\$72,137	\$72,137	RS	
Butterfield Grocery	Missaukee	57000012	213	complete			\$160	\$160	RS	
Dutch Hutch	Missaukee	57000058	213	complete			\$24,909	\$24,909	RS	
Kregear's Service	Missaukee	57000018	213	complete			\$2,460	\$2,460	RS	
Abandoned Drums - Calhoun Road	Monroe	58000189	201	complete			\$8,236	\$8,236	RS	
Bernice M. Stark Trust	Monroe	58000230	213	complete			\$9,184	\$9,184	RS	
Former Gas Station Monroe St	Monroe	58000231	213	complete			\$8,984	\$8,984	RS	
Good & Good Drilling	Monroe	58000172	201	complete			(\$2,929)	(\$2,929)	RS	
Jefferson Smurfit - West Mill	Monroe	58000173	213	complete			\$187	\$187	RS	
Kimberly Cleaners Former	Monroe	58000158	201	complete			\$300	\$300	RS	
Lewis and Morocco Roads	Monroe	58000163	201	complete			\$1,791	\$1,791	RS	
Monroe Alliance Church	Monroe	58000205	213	complete			\$14,946	\$14,946	RS	
Monroe Steel Casting Co	Monroe	58000161	201	complete			\$15,156	\$15,156	RS	
1034 Howard City Edmore Road	Montcalm	59000155	213	complete			\$2,321	\$2,321	RS	
Amble Marathon	Montcalm	59000175	213	complete			\$10,817	\$10,817	RS	
Amble Oil Co.	Montcalm	59000150	213	complete			\$20,529	\$20,529	RS	
Blackrick Service	Montcalm	59000161	213	complete			\$17,566	\$17,566	RS	
Convenient Village	Montcalm	59000174	213	complete			\$15,778	\$15,778	RS	
Crystal Refinery	Montcalm	59000003	201	complete			\$1,701	\$1,701	RS	
Denslow Oil Company (Former)	Montcalm	59000173	213	complete			\$12,083	\$12,083	RS	
Edmore Mobil	Montcalm	59000139	213	complete			\$3,260	\$3,260	RS	
Lakeview Airport	Montcalm	59000009	201	complete			\$152,066	\$152,066	RS	
Lakeway Party Store	Montcalm	59000156	213	complete			\$1,186	\$1,186	RS	
Pierson Mobil Station	Montcalm	59000165	213	complete			\$49,802	\$49,802	AW	

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Standard Oil Bulk - Former	Montcalm	59000176	213	complete			\$17,587	\$17,587	RS	
Thelma Franklin	Montcalm	59000164	213	complete			\$21,424	\$21,424	RS	
Joey's Service	Montmorency	60000033	213	complete			\$888	\$888	RS	
Lowell St Hillman Twp	Montmorency	60000004	213	complete			\$300	\$300	RS	
Mark's Standard	Montmorency	60000064	213	complete			\$2,092	\$2,092	RS	
Wyson's General Store	Montmorency	60000056	213	complete			\$674,404	\$674,404	RS	
1931 East Broadway Avenue	Muskegon	61000436	201	complete			\$27	\$27	RS	
Bennett Pump	Muskegon	61000117	213	complete			\$1,039	\$1,039	RS	
Bofors Trailer Removal	Muskegon	61000387	201	complete			\$14,441	\$14,441	RS	
Bron Road Area GW Contamination	Muskegon	61000328	201	complete			\$11,149	\$11,149	AW	
Bron Road Area GW Contamination	Muskegon	61000328	201	complete			\$1,200	\$1,200	RS	
Green Ridge Subdivision	Muskegon	61000137	201	complete			\$8,750	\$8,750	AW	
Mich Con - Lakey Foundry	Muskegon	61000027	201	complete			\$34,606	\$34,606	RS	
PCB Capacitors	Muskegon	61000505	201	complete			\$1,903	\$1,903	RS	
Ravenna Sunoco	Muskegon	61000398	213	complete			\$3,236	\$3,236	RS	
Ruddiman Creek Drum Dump	Muskegon	61000377	201	complete			\$8,010	\$8,010	RS	
S.D. Warren #1	Muskegon	61000066	201	complete			\$115	\$115	RS	
Sealmore Corporation	Muskegon	61000500	201	complete			\$45,897	\$45,897	RS	
Spot Cleaners	Muskegon	61000332	201	complete			\$600	\$600	RS	
Star Mini-Mart #2	Muskegon	61000435	213	complete			\$9,437	\$9,437	RS	
Thermo-Chem, Inc	Muskegon	61000056	201	complete			\$700	\$700	RS	
Village of Ravenna	Muskegon	61000296	213	complete			\$3,547	\$3,547	RS	
Croton Stop-N-Shop	Newaygo	62000091	213	complete			\$7,173	\$7,173	RS	
Hardy Grocery	Newaygo	62000113	213	complete			\$4,696	\$4,696	RS	
MDNR Real Estate, White Cloud	Newaygo	62000112	213	complete			\$11,551	\$11,551	RS	
MDNR Real Estate, White Cloud	Newaygo	62000112	213	complete			\$8,117	\$8,117	AW	
Mikes Unocal 76	Newaygo	62000120	213	complete			\$8,487	\$8,487	RS	
Muskegon River Pipeline - Bridgeton	Newaygo	62000103	201	complete			\$14,788	\$14,788	RS	
Up North Gift Co	Newaygo	62000115	213	complete			\$67,726	\$67,726	RS	
Amoco SS #5214, Milford	Oakland	63000205	213	complete			\$421	\$421	RS	
Asa R Smith, Highland	Oakland	63005196	213	complete			\$6,686	\$6,686	RS	
Cardinal Land Corp Veterans LF	Oakland	63000014	201	complete			\$13,905	\$13,905	RS	
Cedar Creek Landscaping	Oakland	63000993	201	complete			\$293,669	\$293,669	AW	
Chapel Landfill	Oakland	63001006	201	complete			\$69,384	\$69,384	AW	
Chapel Landfill	Oakland	63001006	201	complete			\$165	\$165	RS	
Charles W Pelton Property, Commerce	Oakland	63005170	213	complete			\$90	\$90	RS	
Clark Station #1720, Commerce	Oakland	63005847	213	complete			\$45	\$45	RS	

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Clarkston Rd Area LF	Oakland	63000016	201	complete			\$36	\$36	RS	
Clarkston Shell Service	Oakland	63005169	213	complete			\$405	\$405	RS	
Coe's Cleaners	Oakland	63001005	201	complete			\$129,172	\$129,172	RS	
Collins & Orion Roads Res Wells	Oakland	63000957	201	complete			\$49,588	\$49,588	RS	
Dandy Oil, Clarkston	Oakland	63000343	213	complete			\$77,614	\$77,614	AW	
Dandy Oil, Clarkston	Oakland	63000343	213	complete			\$135	\$135	RS	
Dean St Res Wells	Oakland	63005111	201	complete			\$48,075	\$48,075	AW	
Dean St Res Wells	Oakland	63005111	201	complete			\$45	\$45	RS	
Detroit Artillery Armory	Oakland	63000348	201	complete			\$6,120	\$6,120	RS	
East Livingston Rd	Oakland	63000071	201	complete			\$101,200	\$101,200	RS	
Emma Milner Property, Waterford	Oakland	63000366	213	complete			\$780	\$780	RS	
Engineering Tube Specialties	Oakland	63005909	201	complete			\$85	\$85	RS	
Ford Motor Co Wixom	Oakland	63000022	201	complete			\$340	\$340	RS	
Former By-Rite	Oakland	63005886	213	complete			\$6,217	\$6,217	RS	
Former Joe's Towing Inc, Wixom	Oakland	63005183	213	complete			\$26,613	\$26,613	RS	
Glengary Cleaners	Oakland	63005877	201	complete			\$270	\$270	RS	
Harvard Street Residence	Oakland	63005969	201	complete			\$26,770	\$26,770	RS	
Hilton Heights Service	Oakland	63005193	213	complete			\$6,107	\$6,107	RS	
Holloway Sand and Gravel	Oakland	63005956	201	complete			\$1,920	\$1,920	RS	
House of Imports	Oakland	63000028	201	complete			\$150	\$150	RS	
Huron/Telegraph Intersection	Oakland	63005175	213	complete			\$69,797	\$69,797	RS	
Lanthier Foundry and Machine	Oakland	63000035	201	complete			\$7,284	\$7,284	RS	
Middle Lake Road Well	Oakland	63005811	201	complete			\$6,184	\$6,184	AW	
Mill Street Res Wells	Oakland	63000074	201	complete			\$247,698	\$247,698	RS	
Mill Street Res Wells	Oakland	63000074	201	complete			\$48,797	\$48,797	AW	
Oakland County Fuels, Inc.	Oakland	63005154	201	complete			\$90	\$90	RS	
Residential Well Golden Valley Drive	Oakland	63005976	201	complete			\$49,813	\$49,813	AW	
Rochester Gas Station	Oakland	63005905	213	complete			\$7,915	\$7,915	RS	
Rockcroft St Res Wells	Oakland	63000983	201	complete			\$479,930	\$479,930	AW	
Rockcroft St Res Wells	Oakland	63000983	201	complete			\$87,851	\$87,851	RS	
Rose Township Dump	Oakland	63000057	201	complete			\$3,715	\$3,715	RS	
Sanicem LF J Fons Co	Oakland	63000060	201	complete			\$18,473	\$18,473	RS	
Socrra	Oakland	63000152	201	complete			\$495	\$495	RS	
Troy Capacitors	Oakland	63005888	201	complete			\$901	\$901	RS	
Waterford Hills Sanitary LF	Oakland	63000165	201	complete			\$1,789	\$1,789	RS	
Wixom Country Corners	Oakland	63000846	201	complete			\$11,587	\$11,587	RS	
Woodhull Lake	Oakland	63005102	201	complete			\$251,025	\$251,025	RS	
Rothbury Hardware	Oceana	64000093	213	complete			\$540	\$540	RS	
Village of Mears	Oceana	64000010	201	complete			\$12,459	\$12,459	RS	

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William Crawford Property	Oceana	64000094	213	complete			\$9,966	\$9,966	AW	
Avrams Fuel Service	Ogemaw	65000080	213	complete			\$10,364	\$10,364	RS	
Chippewa Trail 2867, Lupton	Ogemaw	65000075	201	complete			\$33,446	\$33,446	RS	
City of Rose City (Millpond Property)	Ogemaw	65000120	213	complete			\$5,932	\$5,932	RS	
Lovewell's Corner Store	Ogemaw	65000024	213	complete			\$1,790	\$1,790	RS	
MDNR Main St. Lupton	Ogemaw	65000081	213	complete			\$630	\$630	RS	
Mio Road, 1968 South	Ogemaw	65000087	213	complete			\$54	\$54	RS	
Osceola Refining Co	Ogemaw	65000004	201	complete			\$2,042	\$2,042	RS	
Skidway Car Care Center Inc	Ogemaw	65000082	213	complete			\$535	\$535	RS	
Copper Range Company	Ontonagon	66000501	201	complete			\$1,824	\$1,824	RS	
Gitche Gumee Oil- Trout Creek	Ontonagon	66000021	201	complete			\$3,874	\$3,874	RS	
Beard Oil	Osceola	67000066	213	complete			\$8,234	\$8,234	RS	
Bentley Fuel Spill	Osceola	67000079	201	complete			\$27,600	\$27,600	RS	
Dighton Store	Osceola	67000061	213	complete			\$6,841	\$6,841	RS	
Eagle Village	Osceola	67000052	213	complete			\$8,014	\$8,014	RS	
former Gas Station, Gilbert Street	Osceola	67000084	213	complete			\$3,620	\$3,620	RS	
Former Rancour Property	Osceola	67000022	201	complete			\$29,227	\$29,227	RS	
Leroy Garage	Osceola	67000028	213	complete			\$310	\$310	RS	
Mineral Springs Bar	Osceola	67000148	213	complete			\$3,093	\$3,093	RS	
No-Sho-Mo Chlorides	Osceola	67000149	201	complete			\$472	\$472	RS	
No-Sho-Mo Chlorides	Osceola	67000149	201	complete			\$27,168	\$27,168	AW	
Total Crude Oil Transfer Station	Osceola	67000042	201	complete			\$200	\$200	RS	
D & A Service	Oscoda	68000035	213	complete			\$547	\$547	RS	
Don's Marathon	Oscoda	68000013	213	complete			\$188	\$188	RS	
Hoskins Manufacturing	Oscoda	68000001	201	complete			\$4,528	\$4,528	RS	
PBB Animal Site Disposal Area	Oscoda	68000022	201	complete			\$3,597	\$3,597	RS	
Former Briley Airstrip	Otsego	69000085	201	complete			\$317,383	\$317,383	RS	
G & J Standard Service	Otsego	69000084	213	complete			\$4,802	\$4,802	RS	
Trinity Coppitsch (1-7A)	Otsego	69000073	201	complete			\$23,494	\$23,494	RS	
7850 112th Street	Ottawa	70000418	201	complete			\$69,494	\$69,494	RS	
B & J Industrial Finishing	Ottawa	70000002	201	complete			\$27	\$27	RS	
Holland Motor (Former)	Ottawa	70000420	213	complete			\$14,832	\$14,832	RS	
Jamestown Automotive Inc	Ottawa	70000381	213	complete			\$8,854	\$8,854	RS	
Macatawa River Wetland Spill	Ottawa	70000331	201	complete			\$28,128	\$28,128	RS	
MSI #627	Ottawa	70000428	213	complete			\$7,343	\$7,343	RS	
Passmore-Goosen #1 (PN 22043)	Ottawa	70000103	201	complete			\$1,056	\$1,056	RS	
Rozema Waste Garage Area	Ottawa	70000017	201	complete			\$1,260	\$1,260	RS	
Russ's Truck Palace (Former)	Ottawa	70000421	213	complete			\$9,259	\$9,259	RS	
Stripe A Lot Asphalt	Ottawa	70000401	213	complete			\$6,409	\$6,409	RS	

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US Coast Guard Station Parking Lot	Ottawa	70000376	201	complete			\$1,020	\$1,020	RS	
Windmill Station Property (Fmr)	Ottawa	70000353	213	complete			\$8,782	\$8,782	RS	
Darga Forest Products	Presque Isle	71000062	213	complete			\$4,591	\$4,591	RS	
Dorais Heating Oil Release	Presque Isle	71000060	201	complete			\$21,517	\$21,517	RS	
Ken's Oil (former)	Presque Isle	71000055	201	complete			\$1,183	\$1,183	RS	
Onaway Tax Service	Presque Isle	71000061	213	complete			\$571	\$571	RS	
Posen - Vincent St. Res. Well	Presque Isle	71000046	213	complete			\$3,200	\$3,200	AW	
Barbier Bulk Oil Plant	Roscommon	72000012	201	complete			\$9	\$9	RS	
Charlie's Place	Roscommon	72000061	213	complete			\$399	\$399	RS	
Nielsen's Amoco Station	Roscommon	72000113	213	complete			\$690	\$690	RS	
Scalawags (Former)	Roscommon	72000111	213	complete			\$9,749	\$9,749	RS	
Chapin General Store	Saginaw	73000564	213	complete			\$6,286	\$6,286	RS	
Dale M. Seltzer/Kenneth A. Grieb	Saginaw	73000570	213	complete			\$720	\$720	RS	
Dixie and Maple Roads Resident	Saginaw	73000433	201	complete			\$24,926	\$24,926	RS	
Frankenmuth Fish Passage	Saginaw	73000679	201	complete			\$6,151	\$6,151	RS	
Gratiot Road, 7877	Saginaw	73000680	213	complete			\$2,555	\$2,555	RS	
Hafner's Chesaning Auto Parts	Saginaw	73000069	213	complete			\$630	\$630	RS	
Holland Ave., 1106 E	Saginaw	73000240	213	complete			\$9,704	\$9,704	RS	
Janes Street 2984	Saginaw	73000583	213	complete			\$506	\$506	RS	
Lakeshore Road, 7258 S.	Saginaw	76000039	213	complete			\$6,322	\$6,322	RS	
Lapeer St., 4 West	Saginaw	76000137	213	complete			\$3,190	\$3,190	RS	
Lufkin Rule	Saginaw	73000449	201	complete			\$1,278	\$1,278	RS	
MDOT M13 Ramps	Saginaw	73000133	201	complete			\$53,102	\$53,102	RS	
Merrill Rd.14684 South Residential	Saginaw	73000009	201	complete			\$46,493	\$46,493	RS	
National Plate Glass	Saginaw	73000406	201	complete			\$117	\$117	RS	
Saginaw Oil field	Saginaw	73000411	201	complete			\$900	\$900	RS	
Westervelt, 805 S.	Saginaw	73000677	213	complete			\$11,260	\$11,260	RS	
Wildcat Road, 8004	Saginaw	76000035	213	complete			\$2,935	\$2,935	RS	
Zachary Incorporated	Saginaw	73000391	213	complete			\$10,937	\$10,937	RS	
Sangster Property	Sanilac	76000138	213	complete			\$40,868	\$40,868	RS	
116 E. Church Road, Morrice	Shiawassee	78000153	201	complete			\$19,910	\$19,910	RS	
622 N. Ball Street, Owosso	Shiawassee	78000156	201	complete			\$8,676	\$8,676	RS	
Ann Arbor Railroad Yard	Shiawassee	78000002	201	complete			\$179,183	\$179,183	RS	
Court Abandoned	Shiawassee	78000130	213	complete			\$27,528	\$27,528	RS	
Estate of Eva Bedell	Shiawassee	78000152	213	complete			\$9,697	\$9,697	RS	
Former Sav-U Station	Shiawassee	78000128	213	complete			\$643	\$643	RS	
Frank's Service	Shiawassee	78000099	213	complete			\$362	\$362	RS	
Magnetek	Shiawassee	78000056	201	complete			\$10,482	\$10,482	RS	
Raymond Ayotte	Shiawassee	78000142	213	complete			\$14,203	\$14,203	RS	

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Shiawassee Sanitary Landfill	Shiawassee	78000071	201	complete			\$600	\$600	RS	
Former Gulf Station	St Clair	74000227	213	complete			\$1,948	\$1,948	RS	
Hoover Chemical Reeves Product	St Clair	74000004	201	complete			\$1,710	\$1,710	RS	
Broker Property	St Joseph	75000040	213	complete			\$1,491	\$1,491	RS	
Fawn River & Nottawa	St Joseph	75000109	201	complete			\$18,667	\$18,667	RS	
Klinger Lake Marina	St Joseph	75000123	213	complete			\$360	\$360	RS	
Park Township Dacthal (DCPA) Site	St Joseph	75000121	201	complete			\$1,310,000	\$1,310,000	AW	
Portage Metal Finishing	St Joseph	75000110	201	complete			\$41,528	\$41,528	RS	
Decker Service	St. Joseph	75000060	213	complete			\$144	\$144	RS	
Leonidas Area Wells	St. Joseph	75000129	201	complete			\$3,806	\$3,806	RS	
Monitoring Wells/ERD	Statewide	33009999	201	complete			\$522,833	\$522,833	RS	
Pilot Action Audit of Const Contracts	Statewide	19000999	201	complete			\$37,166	\$37,166	RS	
Surety Bonds/Web Page Design	Statewide	33000543	201	complete			\$226,766	\$226,766	RS	
Elm St., 3474	Tuscola	79000183	213	complete			\$2,784	\$2,784	RS	
Fulton St. 5980, Mayville	Tuscola	79000143	213	complete			\$8,050	\$8,050	RS	
Gagetown Gas and Oil, former	Tuscola	79000114	213	complete			\$1,035	\$1,035	RS	
People's Oil and Gas	Tuscola	79000115	201	complete			\$14,717	\$14,717	RS	
State Rd. 6842, Millington	Tuscola	79000157	213	complete			\$106,419	\$106,419	RS	
Al's Garage	Van Buren	80000253	213	complete			\$334	\$334	RS	
Belgravia (Factory Condominium)	Van Buren	80000010	201	complete			\$111,510	\$111,510	RS	
Burrows Sanitation	Van Buren	80000022	201	complete			\$1,355	\$1,355	RS	
Center Street (901), Bangor	Van Buren	80000002	201	complete			\$44,712	\$44,712	RS	
Commercial Street Industrial Area	Van Buren	80000155	201	complete			\$34,629	\$34,629	RS	
CR 681 at Black River	Van Buren	80000040	201	complete			\$9,088	\$9,088	RS	
Dane Corporation (former)	Van Buren	80000198	201	complete			\$6	\$6	RS	
Du Wel Metal Products	Van Buren	80000007	201	complete			\$448	\$448	RS	
Green Acres Subdivision	Van Buren	80000219	201	complete			\$17,256	\$17,256	AW	
Green Acres Subdivision	Van Buren	80000219	201	complete			\$14,190	\$14,190	RS	
Lakeside Kwik Stop	Van Buren	80000130	213	complete			\$5,068	\$5,068	RS	
Paw Paw Laundry	Van Buren	80000084	213	complete			\$3,003	\$3,003	RS	
Paw Paw Plating	Van Buren	80000048	201	complete			\$152	\$152	RS	
Production Rubber Products	Van Buren	80000193	201	complete			\$51	\$51	RS	
Ridgewood Pesticide	Van Buren	80000205	201	complete			\$22,381	\$22,381	RS	
W.L. Hamilton	Van Buren	80000053	201	complete			\$1,463	\$1,463	RS	
State Wide Expanded Triage	Various	01099999	213	complete			\$2,438	\$2,438	RS	
320 N Main St	Washtenaw	81000490	201	complete			\$10,686	\$10,686	RS	
425 Congdon St.	Washtenaw	81000575	201	complete			\$3,330	\$3,330	RS	

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8090 Grand St- Stahlin Industries	Washtenaw	81000494	201	complete			\$19,282	\$19,282	RS	
Ann Arbor Township - Flemming Creek	Washtenaw	81000486	201	complete			\$39,200	\$39,200	RS	
Armen Cleaners	Washtenaw	81000005	201	complete			\$16,662	\$16,662	RS	
Formerly Lou's Party Store	Washtenaw	81000576	213	complete			\$6,361	\$6,361	RS	
Gelman Sciences	Washtenaw	81000018	201	complete			\$115	\$115	RS	
Johnson Drain	Washtenaw	81000477	201	complete			\$15,527	\$15,527	RS	
Res Well Rawsonville Road	Washtenaw	81000410	201	complete			\$7,500	\$7,500	AW	
Robert Anderson	Washtenaw	81000517	213	complete			\$7,364	\$7,364	AW	
Salem Twp - Unnamed Trib to Johnson Creek	Washtenaw	81000485	201	complete			\$161,291	\$161,291	RS	
Total #2542 (Huron Mini-mart)	Washtenaw	81000330	213	complete			\$4,025	\$4,025	RS	
11500 Wyoming Street	Wayne	82002338	201	complete			\$3,438	\$3,438	RS	
Abandoned Gas Station-Petoskey	Wayne	82002683	213	complete			\$38,173	\$38,173	RS	
Abandoned Property 9200 E Warren	Wayne	82001956	213	complete			\$1,536	\$1,536	RS	
ABC Drum and Barrel - Birwood	Wayne	82000143	201	complete			\$92,264	\$92,264	RS	
American Service station	Wayne	82002786	213	complete			\$4,119	\$4,119	RS	
Anmas, Inc.	Wayne	82001870	213	complete			\$7,878	\$7,878	RS	
Ashcroft-Sherwood Drain	Wayne	82001760	201	complete			\$44,822	\$44,822	RS	
BASF Multi-Site	Wayne	82001650	201	complete			\$465,268	\$465,268	RS	
Berdetco Industrial Services	Wayne	82001552	201	complete			\$99,959	\$99,959	RS	
Beverly Rd Dump	Wayne	82001636	201	complete			\$5,773	\$5,773	RS	
Budget Bowkay	Wayne	82002101	213	complete			\$10,598	\$10,598	RS	
Chrome Craft Corporation	Wayne	82002792	201	complete			\$9,638	\$9,638	RS	
Chrysler Engine	Wayne	82002576	201	complete			\$2,158	\$2,158	RS	
Cyanokem	Wayne	82000035	201	complete			\$699,590	\$699,590	RS	
Detroit Coke	Wayne	82001593	201	complete			\$200,580	\$200,580	RS	
Dexter Gas	Wayne	82002808	213	complete			\$781	\$781	RS	
Downriver Soil Assessment Project	Wayne	82002112	201	complete			\$152,690	\$152,690	RS	
Dump Near Wicks Elem School	Wayne	82000014	201	complete			\$20,610	\$20,610	RS	
F & H Mini Mart	Wayne	82002701	213	complete			\$1,902	\$1,902	RS	
Feister Oil Company	Wayne	82001427	201	complete			\$20,000	\$20,000	RS	
Fisherman's Marina	Wayne	82002541	213	complete			\$5,958	\$5,958	RS	
Former Allen Cleaners -1103 E State Fair	Wayne	82001968	213	complete			\$400	\$400	RS	
Hamilton Road Gas Station (Former)	Wayne	82002102	213	complete			\$1,150	\$1,150	RS	
Helen Avenue Vacant Lot, 13535	Wayne	82001541	201	complete			\$400	\$400	RS	

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Highland Park Hospital (Power Plant)	Wayne	82001761	201	complete			\$9,477	\$9,477	RS	
Highland Park Soil Piles	Wayne	82002479	201	complete			\$114,693	\$114,693	RS	
HNF Mini Mart	Wayne	82002787	213	complete			\$4,871	\$4,871	RS	
Hudson's Area Redevelopment	Wayne	82001616	201	complete			\$49,931	\$49,931	RS	
John's Tire (former)	Wayne	82002579	213	complete			\$15,896	\$15,896	RS	
Lara Mini Mart	Wayne	82002540	213	complete			\$3,327	\$3,327	RS	
Lawton Property	Wayne	82001560	201	complete			\$135,305	\$135,305	RS	
Lear Siegler Plant	Wayne	82000153	201	complete			\$13,175	\$13,175	RS	
Luck Mini Mart Inc.	Wayne	82002473	213	complete			\$286	\$286	RS	
Mail Delivery Services	Wayne	82002703	213	complete			\$4,769	\$4,769	RS	
Michigan State Fair Grounds	Wayne	82001900	213	complete			\$59,201	\$59,201	RS	
Michigan Tire Recycling	Wayne	82001640	201	complete			\$4,815	\$4,815	RS	
National Airport Site	Wayne	82000034	201	complete			\$790	\$790	RS	
Northline Drum Site	Wayne	82001651	201	complete			\$2,844	\$2,844	RS	
Orphan Drum Removal	Wayne	82001479	201	complete			\$77,711	\$77,711	RS	
Pars Petroleum	Wayne	82002770	201	complete			\$8,013	\$8,013	RS	
Rayford Jackson	Wayne	82001878	213	complete			\$6,450	\$6,450	RS	
Reclamation Oil Company	Wayne	82001873	213	complete			\$17,779	\$17,779	RS	
Recycling Corporation of America	Wayne	82001586	201	complete			\$1,000,000	\$1,000,000	RS	
Revere Copper and Brass	Wayne	82000136	201	complete			\$12,237	\$12,237	RS	
Rouge River	Wayne	82000047	201	complete			\$495,097	\$495,097	RS	
Ryan Auto Center	Wayne	82002788	213	complete			\$10,052	\$10,052	RS	
Samuel Jolly Site	Wayne	82002527	213	complete			\$4,846	\$4,846	RS	
Shipley Service	Wayne	82001960	213	complete			\$9,765	\$9,765	RS	
Stramaglia Property	Wayne	82001557	201	complete			\$124,990	\$124,990	RS	
The Boomer Company	Wayne	82002559	201	complete			\$12,341	\$12,341	RS	
Walcon Corp	Wayne	82001654	201	complete			\$31,212	\$31,212	RS	
Wayne Co./Det Area Historical Smelter Pr	Wayne	82001890	201	complete			\$315,748	\$315,748	RS	
Westland Auto Lube	Wayne	82002848	201	complete			\$38,928	\$38,928	RS	
Westland Park (a.k.a. Central City Park)	Wayne	82001961	201	complete			\$106,735	\$106,735	RS	
Woodward Gas Station-Former	Wayne	82002702	213	complete			\$11,994	\$11,994	RS	
AAR Cadillac Manufacturing	Wexford	83000036	201	complete			\$174,883	\$174,883	RS	
Brasseur Property	Wexford	83000097	201	complete			\$5	\$5	RS	
Little Joe's Gas Station	Wexford	83000116	201	complete			\$18,821	\$18,821	RS	
Mitchell Bentley - Cadillac	Wexford	83000042	201	complete			\$62,743	\$62,743	RS	
Mitchell Bentley - Cadillac	Wexford	83000142	201	complete			\$4,643	\$4,643	RS	
Mitchell St. Groundwater Contamination	Wexford	83000129	201	complete			\$138,241	\$138,241	RS	

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Mushroom Bar	Wexford	83000123	213	complete			\$9,986	\$9,986	RS		
Res Well Shore Lane	Wexford	83000117	201	complete			\$2,640	\$2,640	AW		
Rexair	Wexford	83000102	201	complete			\$273,320	\$273,320	RS		
Wildcat Buildings	Wexford	83000109	201	complete			\$9,829	\$9,829	RS		
Alternate Water Monitoring	Statewide		201/213	in progress	Unknown		\$5,741,545	\$5,694,319	AW	Monitoring residential wells to ensure safe drinking water.	
Bottled Water	Statewide		201/213	in progress	Unknown		\$1,497,451	\$1,479,897	AW	Provision of bottled water to residences to ensure safe drinking water.	
DEQ Lab	Statewide		201/213	complete			\$1,945,068	\$1,945,068	RS		
IDT for Pre-1995 Project MAIN Expenditures	Statewide			complete			\$3,949,488	\$3,949,488	RS		
Non Site Specific	Various			complete			\$929,811	\$929,811	RS		
Regional Arsenic Background	Wayne		201	complete			\$56,456	\$56,456	RS		
State Wide Methane Study	Statewide		201	in progress	9/30/15		\$45,000		RS	Statewide methane investigations.	
Statewide Emergency Action Account	Statewide		201	in progress	Unknown		\$2,187,190	\$2,187,190	RS	Emergency cleanup actions.	
Title Searches	Statewide		201/213	complete			\$23,255	\$23,255	RS		
Toxicology Statistical Services	Statewide		201	in progress	Unknown		\$7,035	\$4,965	RS	Professional statistical support for division projects.	
Transfer to Department of Public Health	Statewide		201	complete			\$299,119	\$299,119	RS		
<b>Totals</b>								<b>\$47,789,109</b>	<b>\$46,624,875</b>		

**Michigan Department of Environmental Quality  
Appendix E: Revitalization Revolving Loan Program  
Remediation and Redevelopment Division  
Fiscal Year 2013**

BASIC SITE INFORMATION				FUNDING INFORMATION					RESPONSE ACTIVITIES		
SITE NAME	COUNTY	TRACKING CODE	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE LOANS DISBURSED 9/30/2013	CUMULATIVE LOAN REPAYMENTS	CUMULATIVE INTEREST REPAYMENTS	LOAN FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	DEVELOPMENT TYPE
Bayshore Development	Alger	2004-1009	2008	\$75,000	\$0	\$0	\$0	\$75,000	RI	Cancelled	Hotel, Resort, Restaurant
Former Essexville Landfill	Bay	2000-0274	2002	\$112,465	\$112,465	\$90,349	\$12,167	\$83	RI, Demolition, IR	Completed	Office Space
Pinconning Downtown	Bay	1998-0224	2002	\$278,875	\$99,573	\$95,763	\$6,692	\$179,302	RI, Demolition, IR	Completed	Office Space, Warehouse
Stevensville Meijer	Berrien	2009-1122	2011	\$1,500,000	\$1,500,000	\$0	\$0	\$28,689	IR	Completed	Commercial
971 Austin Ave. - Albion	Calhoun	2002-0334	2004	\$33,500	\$30,000	\$18,492	\$2,793	\$3,500	Demolition	Completed	Commercial
Grandview Parkway Properties	Grand Traverse	2013-1188	2015	\$600,000	\$600,000	\$0	\$0	\$0	RI, Demolition, IR	In Progress	Mixed Use
Harbour View Centre	Grand Traverse	1998-0231	2000	\$269,535	\$269,535	\$237,253	\$553	\$32,282	RI, Demolition, IR	Closed	Medical Offices
Houghton High School	Houghton	1998-0232	1999	\$425,000	\$425,000	\$425,000	\$43,800	\$0	RI, Demolition	Closed	Restaurant, office
Former Grand Rapids Die Cast	Kent	2000-0277	2002	\$295,000	\$295,000	\$237,159	\$31,941	\$0	RI, Demolition, IR	Completed	Residential
Grand Rapids Environmental Assessment Program	Kent	2004-1016	2002	\$500,000	\$0	\$0	\$0	\$500,000	IR, BEA	Cancelled	Industrial/ business park
Leelanau Residential Development	Leland	2008-1083	2012	\$193,125	\$0	\$0	\$0	\$193,125	IR, Demolition	Cancelled	Condo/Office/ Commercial
Ishpeming Redevelopment Sites	Marquette	1999-0240	1999	\$80,000	\$80,000	\$80,000	\$3,142	\$0	Demolition	Closed	Commercial
Mason Run Project -RRL	Monroe	1999-0270	2001	\$1,000,000	\$1,000,000	\$801,844	\$110,360	\$0	RI, Demolition, IR	Completed	Residential
Mona Terrace Development	Muskegon	2006-1068	2011	\$1,000,000	\$158,304	\$9,298	\$0	\$874,078	RI, Demolition, IR	Completed	Available for Commercial or Industrial use
Berger-Hemlock Elevator KBC-Hemlock UAP Elevator Property-Merrill	Saginaw	2001-0312	2004	\$208,955	\$157,010	\$82,541	\$12,942	\$51,945	Demolition	Completed	Commercial/ Office
Village of Hemlock	Saginaw	2004-1001	2007	\$230,000	\$230,000	\$89,387	\$11,025	\$0	Demolition	Completed	Uncertain
	Saginaw	1999-0267	2002	\$200,000	\$164,817	\$148,480	\$18,573	\$35,183	RI, Demolition	Completed	Retail
Argyle Street, Sandusky	Sanilac	2001-0328	2002	\$138,000	\$111,533	\$65,698	\$9,425	\$45,352	RI	Completed	School
The Colonels Site	Shiawassee	1999-0248	2002	\$70,000	\$70,000	\$70,000	\$6,268	\$0	RI	Closed	Residential
Former Gagetown Gas and Oil	Tuscola	1998-0236	1999	\$50,000	\$50,000	\$50,000	\$5,153	\$0	RI, Demolition, IR	Closed	Residential
Cardinal Health Medical Supply Warehouse	Wayne	2012-1173	2015	\$500,000	\$0	\$0	\$0	\$0	Demolition, IR	In Progress	Industrial
Freezer Services Lot	Wayne	1999-0273	2002	\$300,000	\$300,000	\$300,000	\$0	\$0	RI, Demolition, IR	Closed	Recycling Facility
Grosse Isle Airport Revitalization Loan Project	Wayne	1999-0250	2002	\$850,000	\$421,825	\$421,825	\$42,449	\$428,175	RI, Demolition	Closed	Residential

**Michigan Department of Environmental Quality  
Appendix E: Revitalization Revolving Loan Program  
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BASIC SITE INFORMATION				FUNDING INFORMATION					RESPONSE ACTIVITIES		
SITE NAME	COUNTY	TRACKING CODE	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE LOANS DISBURSED 9/30/2013	CUMULATIVE LOAN REPAYMENTS	CUMULATIVE INTEREST REPAYMENTS	LOAN FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	DEVELOPMENT TYPE
Mulberry Development - RRL	Wayne	1999-0268	2002	\$944,000	\$944,000	\$761,258	\$100,914	\$0	RI, Demolition, IR	Completed	Mixed Use
Sharon Steel	Wayne	2000-0305	2002	\$294,925	\$294,925	\$294,925	\$4,960	\$0	RI, Demolition, IR	Closed	Warehousing/ Construction
Brasseur Property	Wexford	1999-0238	2001	\$86,733	\$86,733	\$86,733	\$0	\$0	RI, Demolition, IR	Closed	Office Space
<b>TOTAL</b>				<b>\$10,235,113</b>	<b>\$7,400,720</b>	<b>\$4,366,006</b>	<b>\$423,155</b>	<b>\$2,446,714</b>			

**Michigan Department of Environmental Quality  
Appendix F: Site Reclamation Grant Program  
Remediation and Redevelopment Division  
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BASIC SITE INFORMATION				FUNDING INFORMATION			RESPONSE ACTIVITIES		
SITE NAME	COUNTY	TRACKING CODE	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	GRANT FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	COMMENTS
Plainwell Paper Mill	Allegan	2010-1134	2012	\$300,000	\$298,704	\$1,296	Demo	Complete	Office, retail, residential
Alpena Third & River (RiverView Condos)	Alpena	2001-0331	2002	\$61,000	\$40,488	\$20,512	RI	Complete	Condominiums
American Brownhoist (Bay City)	Bay	1998-0244	2004	\$1,416,000	\$0	\$1,416,000	RI, RA	Cancelled	Commercial
Bay City Conference Center	Bay	2001-0323	2003	\$477,750	\$477,750	\$0	RI, RA	Complete	Conference center/hotel
Marcan Property (Bay City)	Bay	1994-0110	2002	\$147,200	\$109,620	\$37,580	RI, RA	Complete	Cement block mfg./storage
Surath Property	Bay	1995-0149	2002	\$147,976	\$131,653	\$16,323	RI, RA	Complete	Condominiums
Elberta Waterfront Park	Benzie	1999-0242	2002	\$446,400	\$446,400	\$0	RI, RA	Complete	Condos, recreation
North of Main Industrial Area (Atlantic Automotive), Benton Harbor	Berrien	1998-0234	2000	\$2,000,000	\$1,875,579	\$124,421	RI, RA	Complete	Industrial
Shay Motors (Battle Creek)	Calhoun	1994-0112	1999	\$50,000	\$0	\$50,000	RI, RA	Cancelled	
Brownfield Premier Improvements	Cass	2010-1136	2013	\$67,193	\$67,193	\$0	RI, RA	Complete	Industrial
HAEDCO Industrial Park	Clare	2006-1069	2010	\$55,000	\$55,000	\$0	Demo	Complete	Industrial
F.C. Mason Expansion	Clinton	2011-1145	2014	\$1,000,000	\$871,157	\$0	RI, Due Care	In Progress	Industrial
Norway Chair Factory	Dickinson	2004-1020	2006	\$220,000	\$158,579	\$61,421	RI, RA, Demo	Complete	Residential
Bayfront Park (Petrolane)	Emmet	1994-0109	2005	\$900,000	\$337,175	\$562,825	RI, RA	Complete	Municipal Park
Auto World (Flint)	Genesee	1996-0155	2003	\$710,000	\$653,846	\$56,154	RI, RA	Complete	Classroom and administration-U-M Flint
Park Street Redevelopment (Gr. Traverse Co.)	Grand Traverse	1999-0245	2005	\$661,800	\$272,820	\$388,980	RI, RA	Complete	Retail, office
Red Mill Park Development (Traverse City)	Grand Traverse	2000-0276	2005	\$208,668	\$192,599	\$16,069	RI, RA	Complete	Office, Bus Terminal
Traverse City Ironworks	Grand Traverse	1997-0213	2001	\$1,582,975	\$1,582,975	\$0	RI, RA	Complete	Office, retail, residential
Houghton High School	Houghton	1998-0232	1999	\$115,000	\$115,000	\$0	RI, RA	Complete	Office/Commercial
Baseball Stadium, Lansing	Ingham	1995-0147	2000	\$922,813	\$919,559	\$3,254	RI, RA	Complete	Commercial: Stadium
Diamond REO, Lansing	Ingham	1992-0100	1994	\$2,000,000	\$2,000,000	\$0	RI, RA	Complete	Multiple commercial and light industrial
Drolet's Deli, East Lansing	Ingham	1995-0150	1996	\$150,000	\$2,295	\$147,705	RI, RA	Complete	Commercial: restaurant
General Motors property, Lansing	Ingham	1999-0251	2001	\$1,000,000	\$302,275	\$697,725	RI, RA	Complete	Industrial
Former Wright-Way Lumber (Ionia)	Ionia	1998-0514	2001	\$92,190	\$0	\$92,190	RI, RA	Cancelled	Project cancelled
Ionia Point Property	Ionia	1995-0152	1997	\$100,000	\$99,204	\$796	RI, RA	Complete	Bank, restaurant, hotel
Honegger's Grain Elevator (Mt. Pleasant)	Isabella	1999-0247	2003	\$185,000	\$184,907	\$93	RI, RA	Complete	Housing, warehouse, parking

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Appendix F: Site Reclamation Grant Program  
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BASIC SITE INFORMATION				FUNDING INFORMATION			RESPONSE ACTIVITIES		
SITE NAME	COUNTY	TRACKING CODE	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	GRANT FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	COMMENTS
Michigan Industrial Holdings, Inc. (MIHI) Blackman Township	Jackson	2000-0278	2004	\$721,000	\$284,592	\$436,408	RI, RA	Complete	Manufacturing
Former Eaton Corp., Kalamazoo Township	Kalamazoo	1996-0154	1999	\$322,805	\$19,065	\$303,740	RI, RA	Complete	
Portage Steel, Portage	Kalamazoo	1998-0233	2000	\$300,000	\$299,933	\$67	RI, RA	Complete	Commercial & retail
Riverreach Redevelopment (Parchment)	Kalamazoo	2008-1117	2014	\$1,000,000	\$963,597	\$0	RI, RA, Due Care, Demo	In Progress	Commercial, Residential
Vicksburg Village Marketplace	Kalamazoo	1993-0105	1998	\$450,000	\$435,977	\$14,023	RI, RA	Complete	Commercial & retail
Former Grand Rapids Diecast (City of Walker)	Kent	2000-0277	2004	\$405,000	\$405,000	\$0	RI, RA	Complete	Metal recycling
H. Brown Company Superfund Site	Kent	1998-0219	2000	\$289,300	\$289,300	\$0	RI, RA	Complete	Warehousing
Mt. Vernon Foundry (Grand Rapids)	Kent	1993-0103	2001	\$2,000,000	\$1,115,632	\$884,368	RI, RA	Complete	Classroom, dam. bldg, GVSU
Patterson Lake Products	Livingston	2004-1035	2006	\$585,000	\$2,188	\$582,812	RA, Demo	Complete	Residential
300 Marquette/WCRR	Mackinac	1994-0127	1999	\$30,850	\$27,183	\$3,667	RI, RA	Complete	Little Bear East Arena
Former Equipment Manufacturing, Inc.	Macomb	1997-0206	1999	\$1,400,000	\$1,400,000	\$0	RI, RA	Complete	Warehousing
Lake Shore, Inc.	Marquette	1998-0225	2001	\$500,000	\$455,055	\$44,945	RI, RA	Complete	Lakeshore Park Place (Residential)
McClellan/Washington (Marquette)	Marquette	1993-0102	1995	\$485,000	\$40,869	\$444,131	RI, RA	Complete	Retail/Commercial
Star Watch Case (Ludington)	Mason	1993-0104	1999	\$855,700	\$796,923	\$58,777	RI, RA	Complete	Retail, office, condo
Tenth Street Area (Menominee)	Menominee	1997-0204	1998	\$303,000	\$258,285	\$44,715	RI, RA	Complete	America Inn Hotel/Perkins Restaurant
Great Lakes Towers	Monroe	2009-1125	2011	\$1,000,000	\$1,000,000	\$0	RI, Due Care, BEA	Complete	Industrial
Mason Run Project -SRP (Monroe)	Monroe	1999-0270	2002	\$1,000,000	\$1,000,000	\$0	RI, RA	Complete	Residential
Monroe Steel Casting Plant	Monroe	1996-0201	2003	\$1,090,000	\$1,012,257	\$77,743	RI, RA	Complete	Housing
Edmore Mobil	Montcalm	1997-0203	1998	\$50,000	\$49,227	\$773	RI, RA	Complete	Auto repair/maintenance
Essex Wire/Bldg.	Montmorency	1995-0151	1997	\$390,000	\$140,238	\$249,762	RI, RA	Complete	Industrial
Cole's Quality Foods (Anaconda Industries)	Muskegon	1998-0220	2003	\$448,000	\$426,692	\$21,308	RI, RA	Complete	Commercial bakery
Ravena Dollar General	Muskegon	2013-1185	2015	\$74,625	\$74,625	\$0	Due Care, RA	In Progress	Commercial
Lake Point Elderly	Oceana	2006-1070	2014	\$279,150	\$251,483	\$0	RI, Due Care	In Progress	Residential

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Appendix F: Site Reclamation Grant Program  
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BASIC SITE INFORMATION				FUNDING INFORMATION			RESPONSE ACTIVITIES		
SITE NAME	COUNTY	TRACKING CODE	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	GRANT FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	COMMENTS
Village of Prescott - Ellis Property	Ogemaw	1999-0241	2001	\$60,000	\$59,992	\$8	RI, RA	Complete	Residential
Mitchell's Market & Gas	Oscoda	2004-1007	2008	\$100,000	\$0	\$100,000	RI, RA	Cancelled	Grocery Store and Gas Station
Saginaw Central Business District (Aubrey Cleaners)	Saginaw	2004-1005	2006	\$50,000	\$45,766	\$4,234	RI, RA	Complete	Office
Mann's Property	Saint Clair	1993-0111	2004	\$175,000	\$0	\$175,000	RI, RA	Cancelled	City of Marysville returned the grant
Three Rivers: Essex Wire Property	Saint Joseph	1998-0235	2003	\$356,250	\$94,693	\$261,557	RI, RA	Complete	Industrial
Drake's Refinery, Vernon Twp.	Shiawassee	1995-0153	2001	\$143,000	\$76,102	\$66,898	RI, RA	Complete	Commercial: Gas station plus
Gould Street Extension, Owosso	Shiawassee	1993-0107	1995	\$75,000	\$13,965	\$61,035	RI, RA	Complete	Commercial
MagneTek, Owosso	Shiawassee	1996-0198	1998	\$1,558,000	\$1,558,000	\$0	RI, RA	Complete	Comm. hotel & conference
Belgravia Site / Factory Condominium Project, South Haven	Van Buren	1999-0249	2005	\$1,000,000	\$950,366	\$49,634	RI, RA	Complete	Residential
800 Lowell Street (former Exemplar Manufacturing), City of Ypsilanti	Washtenaw	1999-0237	2001	\$440,500	\$51,508	\$388,992	RI, RA	Complete	Industrial
The American Foundry Property (City of Milan)	Washtenaw	1999-0252	2003	\$384,410	\$354,927	\$29,483	RI, RA	Complete	Multi-Residential- Condominiums
Ypsilanti Commons	Washtenaw	1997-0210	1998	\$258,750	\$122,644	\$136,106	RI, RA	Complete	Manufacturing
Anchor Recycling	Wayne	2001-0332	2007	\$502,000	\$409,693	\$92,307	RI, RA	Complete	Light Industrial
Cooper School	Wayne	2004-1012	2012	\$1,386,000	\$1,385,999	\$1	RI, RA, Demo	Complete	Office
Detroit Marine Terminal	Wayne	2001-0333	2007	\$150,000	\$143,812	\$6,188	RI, RA	Complete	Industrial
Former Consolidated Lumber Site (Taylor)	Wayne	1999-0271	2010	\$969,958	\$585,742	\$384,216	RI, RA	Complete	Light Industrial
Former Gabbert Oil Facility (Inkster)	Wayne	1997-0212	1998	\$50,000	\$41,629	\$8,371	RI, RA	Complete	Industrial
Former Marx Manufacturing Facility (City of Taylor)	Wayne	1998-0229	1999	\$200,000	\$199,967	\$33	RI, RA	Complete	Commercial Retail Facility
Grosse Ile Airport and Commerce Park (Grosse Ile Twp.)	Wayne	1999-0250	2002	\$220,000	\$171,585	\$48,415	RI, RA	Complete	Light Industrial
I-94 North Industrial Park (Commerce Park), City of Detroit	Wayne	1995-0146	2007	\$1,164,950	\$776,986	\$387,964	RI, RA	Complete	Light Industrial
Kenwal /Sarah-Lil	Wayne	1995-0148	1997	\$803,000	\$710,850	\$92,150	RI, RA	Complete	Steel Processing Factory

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SITE NAME	COUNTY	TRACKING CODE	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	GRANT FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	COMMENTS
Leo Joe Smith Trust Site-Wal-Mart (City of Taylor)	Wayne	2000-0279	2002	\$342,000	\$342,000	\$0	RI, RA	Complete	Wal-Mart store
Manchester Place/Detroit Streets and Rails Yard (City of Highland Park)	Wayne	1993-0108	1994	\$1,700,000	\$1,669,182	\$30,818	RI, RA	Complete	Apartments and townhouses
Mulberry Development/Group Eight (City of Wyandotte)	Wayne	1993-0106	1999	\$182,000	\$178,463	\$3,537	RI, RA	Complete	Residential
Rockwell (Former) Detroit	Wayne	1993-0101	1999	\$2,000,000	\$1,266,895	\$733,105	RI, RA	Complete	Warehouse, foreign trade zone
St. Anne's Gate (Detroit)	Wayne	1998-0227	2001	\$808,000	\$748,310	\$59,690	RI, RA	Complete	Residential
Metal Casters	Wexford	1997-0205	2000	\$750,000	\$525,977	\$224,023	RI, RA	Complete	Rubber remanufacturing
				<b>\$44,825,213</b>	<b>\$34,427,952</b>	<b>\$10,204,351</b>			

**Michigan Department of Environmental Quality**  
**Appendix G: Site Assessment Grant Program**  
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BASIC SITE INFORMATION				FUNDING INFORMATION			RESPONSE ACTIVITIES		
SITE NAME	COUNTY	TRACKING CODE	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	GRANT FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	COMMENTS
Alpena Area-Wide	Alpena	2003-0343	2009	\$76,000	\$76,000	\$0	RI	Complete	
Alpena Riverfront Area	Alpena	1998-0222	2005	\$48,000	\$47,802	\$198	RI	Complete	Various commercial & residential
Former Fletcher Paper	Alpena	2001-0327	2005	\$264,500	\$226,270	\$38,230	RI	Complete	
2905 N. Water St.	Bay	1993-0505	N/A	\$240,000	\$0	\$240,000	RI	Cancelled	
315 Midland	Bay	1994-0144	N/A	\$15,000	\$0	\$15,000	RI	Cancelled	
421 Marquette St./Marquette Industrial Park	Bay	1994-0117	2005	\$120,000	\$40,255	\$79,745	RI	Complete	Expanded Marquette Industrial Park
905 Salzburg	Bay	2004-1011	N/A	\$25,000	\$0	\$25,000	RI	Cancelled	
Bay City Boring-Mundy St.	Bay	1996-0157	2005	\$52,283	\$14,050	\$38,233	RI	Complete	Sold for residential development
Morton St.	Bay	1994-0115	2005	\$66,825	\$34,467	\$32,358	RI	Complete	
N. Water & First St./Federal Bankruptcy Court SA	Bay	1994-0114	2005	\$100,000	\$52,798	\$47,202	RI	Complete	Federal court building, FBI office, U.S. Attorney, other office
Harbor Town	Berrien	2004-1024	2014	\$300,000	\$291,161	\$0	RI	In Progress	
Market, Miller, Territorial Streets, Benton Harbor	Berrien	1998-0221	2005	\$62,146	\$52,431	\$9,715	RI	Complete	
Brown Weld, Albion	Calhoun	1994-0130	2005	\$25,000	\$10,898	\$14,103	RI	Complete	
Captain Oil Change, Battle Creek	Calhoun	1999-0243	2005	\$12,000	\$9,224	\$2,776	RI	Complete	
Global Paint & Ink	Calhoun	1998-0226	2005	\$30,000	\$10,607	\$19,393	RI	Complete	
Niecko Property/26742 W. Mich. Ave., Albion	Calhoun	1994-0129	2005	\$3,000	\$1,425	\$1,575	RI	Complete	
Shay Motors, Battle Creek	Calhoun	1994-0112	N/A	\$75,000	\$0	\$75,000	RI	Cancelled	
Cheboygan Industrial Park	Cheboygan	1996-0159	2005	\$23,500	\$23,488	\$12	RI	Complete	Industrial
SSM Industrial Park	Chippewa	1994-0126	2005	\$180,000	\$124,354	\$55,646	RI	Complete	
Grayling Area wide	Crawford	2004-1015	2011	\$200,000	\$176,930	\$23,070	RI	Complete	
Former Bay De Noc Oil	Delta	1996-0162	2005	\$110,000	\$57,349	\$52,651	RI	Complete	
Northern Motors Rebuilders	Delta	1996-0163	2005	\$25,000	\$24,993	\$7	RI	Complete	Industrial
Waterfront Development	Delta	1994-0122	2005	\$735,000	\$217,057	\$517,943	RI	Complete	Hotel, Commercial, Industrial
500 Balsam Kingsford	Dickinson	1994-0123	2005	\$157,980	\$110,120	\$47,860	RI	Complete	
Former Wallace Lumber	Dickinson	1996-0170	2005	\$2,000	\$1,999	\$1	RI	Complete	
Old Norway Landfill	Dickinson	1996-0171	2005	\$25,000	\$21,864	\$3,136	RI	Complete	
Collingwood Parkway, Flint	Genesee	1996-0175	2005	\$31,440	\$7,793	\$23,647	RI	Complete	
Flint Areawide	Genesee	2004-1018	2014	\$359,431	\$329,372	\$0	RI	In Progress	
Flint Park Lake, Flint	Genesee	1995-0509	N/A	\$19,490	\$0	\$19,490	RI	Cancelled	
N. Saginaw / Leith	Genesee	1996-0174	2005	\$28,650	\$15,800	\$12,850	RI	Complete	Commercial, Pharmacy
N. Saginaw/Cornelia (University Park Housing), Flint	Genesee	1996-0173	2004	\$224,125	\$218,924	\$5,201	RI	Complete	Residential
Webster Road, Flint	Genesee	1996-0172	2005	\$64,220	\$18,488	\$45,732	RI	Complete	
Railroad Corridor	Gogebic	1994-0131	2005	\$183,000	\$89,768	\$93,233	RI	Complete	Movie Theatre
Coon Property	Houghton	1996-0180	2005	\$14,200	\$14,198	\$2	RI	Complete	
D&N Bank Property	Houghton	1996-0176	2005	\$10,800	\$10,073	\$727	RI	Complete	

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SITE NAME	COUNTY	TRACKING CODE	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	GRANT FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	COMMENTS
Rose Property	Houghton	1996-0179	2005	\$14,200	\$7,639	\$6,561	RI	Complete	
Ruppe Property	Houghton	1996-0178	2005	\$14,200	\$14,046	\$154	RI	Complete	Commercial
Waterfront Property	Houghton	1996-0177	2005	\$14,200	\$14,000	\$200	RI	Complete	
1310 Turner Street, Lansing	Ingham	1996-0182	2005	\$20,050	\$19,659	\$391	RI	Complete	Residential-44 condos
2701 E. Michigan Ave.; Heatherwood Farms, Lansing	Ingham	1995-0510	N/A	\$20,050	\$0	\$20,050	RI	Cancelled	
3125 MLK Blvd. - Drake's Refinery Station, Lansing	Ingham	1996-0181	2005	\$20,850	\$18,802	\$2,048	RI	Complete	
155 Hobart, Jackson	Jackson	1994-0133	2005	\$57,750	\$4,686	\$53,064	RI	Complete	
2219 Chapin; former Goodyear Plant, Jackson	Jackson	1994-0132	2005	\$305,000	\$207,838	\$97,162	RI	Complete	Power plant
Page-Leoni, Jackson	Jackson	1994-0134	2005	\$58,250	\$4,300	\$53,950	RI	Complete	
Pittsburgh Forge, Jackson	Jackson	1997-0218	2005	\$30,000	\$30,000	\$0	RI	Complete	
East Michigan Avenue	Kalamazoo	1996-0161	2005	\$35,000	\$35,000	\$0	RI	Complete	Ready for redevelopment
East Willard Street	Kalamazoo	1996-0160	2005	\$29,000	\$26,008	\$2,993	RI	Complete	Retail and commercial bakery
Grand Rapids Areawide	Kent	2004-1016	2009	\$500,000	\$499,167	\$833	RI	Complete	
Heartside Redevelopment	Kent	1994-0118	2007	\$500,000	\$495,485	\$4,515	RI	Complete	Various commercial & residential
UEDAP Development	Kent	1994-0119	2004	\$500,000	\$495,916	\$4,084	RI	Complete	Various commercial & residential
Pearl Street Redevelopment	Lenawee	2004-1032	2009	\$100,000	\$44,902	\$55,098	RI	Complete	
30 Alpine/Northshore Dev.	Mackinac	1994-0113	2005	\$22,600	\$22,600	\$0	RI	Complete	
300 Marquette/WCRR	Mackinac	1994-0127	2005	\$64,000	\$62,753	\$1,247	RI	Complete	Recreational/Commercial
N. 251 S. State St./Abandon Starline	Mackinac	1994-0128	2005	\$15,000	\$14,054	\$946	RI	Complete	Recreational
Lakeshore Blvd Extension	Marquette	1994-0124	2002	\$148,630	\$134,088	\$14,542	RI	Complete	
ROW Fifth & Lakeshore	Marquette	1994-0125	2005	\$52,630	\$37,882	\$14,748	RI	Complete	
Ludington Areawide	Mason	2004-1011	2009	\$200,000	\$186,811	\$13,189	RI	Complete	
Tenth Street Area	Menominee	1996-0164	2005	\$20,000	\$14,808	\$5,192	RI	Complete	Hotel, Commercial
Great Lakes Towers	Monroe	2009-1125	2011	\$70,000	\$67,325	\$2,675	RI	Complete	Industrial
Former Ashendorf Auto Parts	Muskegon	1996-0167	2004	\$10,051	\$3,135	\$6,916	RI	Complete	Ready for redevelopment
Former Ashendorf Service Station	Muskegon	1996-0168	2004	\$75,000	\$32,280	\$42,720	RI	Complete	Ready for redevelopment
Former Heritage Hospital	Muskegon	1996-0165	2005	\$55,000	\$22,949	\$32,051	RI	Complete	Senior housing
Former Laboratory Furniture	Muskegon	1996-0169	2004	\$37,000	\$33,521	\$3,479	RI	Complete	Centennial Plaza development
Muskegon Areawide	Muskegon	2004-1008	2009	\$500,000	\$496,483	\$3,517	RI	Complete	
Muskegon Heights DDA Areawide	Muskegon	2008-1116	2014	\$80,000	\$17,260	\$0	RI	In Progress	
Muskegon Shoreline	Muskegon	1994-0120	2009	\$1,000,000	\$1,000,000	\$0	RI	Complete	Various commercial & residential
Waalkes Street	Muskegon	2001-0324	2005	\$35,000	\$22,579	\$12,421	RI	Complete	Industrial
West Heights Development	Muskegon	1996-0166	2005	\$130,000	\$53,614	\$76,386	RI	Complete	Ready for redevelopment
West Sherman Avenue	Muskegon	2001-0325	2005	\$35,000	\$35,000	\$0	RI	Complete	Auto body
1650 E. Ten Mile Rd	Oakland		N/A	\$59,000	\$0	\$59,000	RI	Cancelled	Raceway
21721 Wyoming	Oakland	1996-0188	2006	\$28,000	\$2,781	\$25,219	RI	Complete	Vehicle repairs
8521 Northend	Oakland	1996-0187	2006	\$28,500	\$3,464	\$25,036	RI	Complete	Vehicle repairs
918 W. Eight Mile Road	Oakland	1995-0186	N/A	\$24,600	\$0	\$24,600	RI	Cancelled	

**Michigan Department of Environmental Quality**  
**Appendix G: Site Assessment Grant Program**  
**Remediation and Redevelopment Division**  
**Fiscal Year 2013**

BASIC SITE INFORMATION				FUNDING INFORMATION			RESPONSE ACTIVITIES		
SITE NAME	COUNTY	TRACKING CODE	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	GRANT FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	COMMENTS
Alhambra Properties-Hazel Park Municipal Parking Lots (West Troy Parking lot)	Oakland	1997-0214	2005	\$19,000	\$18,989	\$11	RI	Complete	Light Industrial
Pontiac City Multiple Parcels	Oakland	1996-0184	2005	\$31,000	\$11,738	\$19,262	RI	Complete	Commercial
Shane Steel Property	Oakland	1994-0135	2006	\$326,000	\$240,495	\$85,505	RI	Complete	
West Eight Mile Rd	Oakland	1997-0215	2005	\$27,000	\$26,909	\$91	RI	Complete	Light Industrial
West Pike St. and Orchard Lake Ave.- Pontiac	Oakland	1995-0189	N/A	\$31,000	\$0	\$31,000	RI	Cancelled	
West Side Woodward	Oakland	2009-1127	N/A	\$19,000	\$0	\$19,000	RI	Cancelled	
Withington Public Lot	Oakland	1996-0185	2005	\$25,000	\$6,269	\$18,731	RI	Complete	Auto dealership extension
Roger's City Renaissance Zone Dev	Oakland	1996-0183	2005	\$31,000	\$6,086	\$24,914	RI	Complete	Light industrial
2300 Block Lapeer Avenue	Presque Isle	2000-0308	2005	\$15,000	\$13,060	\$1,940	RI	Complete	Residential/commercial
2600-2624 Hess (Former Lamar Pipe)	Saginaw	1996-0200	2005	\$20,000	\$7,022	\$12,978	RI	Complete	Ready for redevelopment
2701 S. Washington Street	Saginaw	1997-0217	2005	\$20,000	\$19,042	\$958	RI	Complete	Light industrial
314 N. Hamilton	Saginaw	1996-0202	2005	\$20,000	\$16,919	\$3,081	RI	Complete	Ready for redevelopment
400 S. Niagara	Saginaw	2002-0337	2005	\$12,650	\$11,973	\$677	RI	Complete	Ready for redevelopment
401 Court Street	Saginaw	1999-0269	2005	\$14,200	\$11,344	\$2,856	RI	Complete	Ready for redevelopment
Former Lufkin Rule	Saginaw	1997-0208	2005	\$12,700	\$9,823	\$2,877	RI	Complete	Parking lot
Genesee Street/Hess Ave. (St Mary's Saginaw Area-Wide)	Saginaw	1997-0216	2005	\$60,000	\$60,000	\$0	RI	Complete	Manufacturing auto parts
Saginaw Areawide Central Business District	Saginaw	1997-0209	2005	\$12,500	\$7,275	\$5,225	RI	Complete	St. Mary's Medical Center
Saginaw River Front	Saginaw	2003-0342	2009	\$201,538	\$196,750	\$4,788	RI	Complete	
Saginaw Zoo	Saginaw	2004-1005	2009	\$200,000	\$187,829	\$12,171	RI	Complete	
Short Property	Saginaw	1994-0121	2005	\$73,115	\$73,115	\$0	RI	Complete	Development pending
Veterans Memorial Drive/Wadsworth Ave.	Saginaw	1999-0239	2005	\$12,700	\$12,572	\$128	RI	Complete	Zoo expansion
100 Block Clyde St	Saginaw	1997-0211	2005	\$23,700	\$18,793	\$4,907	RI	Complete	Light Industrial
Clyde Street Parking Lot	Saginaw	1997-0207	2005	\$20,000	\$16,607	\$3,393	RI	Complete	St. Ephesus Church
Manistique Industrial Park	Saint Clair	1996-0191	2005	\$50,000	\$49,146	\$854	RI	Complete	Commercial/Residential
Old Car Ferry Dock	Saint Clair	1996-0192	2005	\$30,000	\$30,000	\$0	RI	Complete	Commercial/Residential
206 N. Grove	Schoolcraft	1994-0136	2005	\$630,000	\$90,334	\$539,666	RI	Complete	
Ypsilanti Commons	Schoolcraft	1996-0193	2005	\$70,000	\$29,725	\$40,275	RI	Complete	Hotel/condo/restaurant
11242 West Jefferson	Washtenaw	1996-0194	2005	\$30,000	\$29,802	\$198	RI	Complete	Commercial
14300 Woodward Ave	Washtenaw	1996-0156	2005	\$55,250	\$55,178	\$72	RI	Complete	Manufacturing
385 Midland	Wayne	1995-0195	N/A	\$12,000	\$0	\$12,000	RI	Cancelled	
Cicotte and Electric	Wayne	1993-0143	N/A	\$24,000	\$0	\$24,000	RI	Cancelled	Withdrawn - Industrial property sold
Far East Side Redevelopment	Wayne	1994-0144	2005	\$12,000	\$12,000	\$0	RI	Complete	Extension for mini convention center
	Wayne	1994-0142	2005	\$15,000	\$8,965	\$6,035	RI	Complete	Senior Housing-Victoria Square
	Wayne	2004-1040	2009	\$600,000	\$591,396	\$8,604	RI	Complete	Housing

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BASIC SITE INFORMATION				FUNDING INFORMATION			RESPONSE ACTIVITIES		
SITE NAME	COUNTY	TRACKING CODE	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	GRANT FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	COMMENTS
Goddard & River Road	Wayne	1994-0145	2005	\$65,000	\$56,069	\$8,931	RI	Complete	
Greater Riverfront Area	Wayne	1994-0138	2006	\$1,000,000	\$719,131	\$280,869	RI	Complete	
Howard Street	Wayne	1993-0140	N/A	\$10,000	\$0	\$10,000	RI	Cancelled	
Lots 1 & 3 Lincoln Park Industrial Park	Wayne	1994-0141	2005	\$22,500	\$15,276	\$7,224	RI	Complete	Microtel Inn & Suites
Michigan Ave	Wayne	1994-0137	2005	\$271,000	\$232,977	\$38,023	RI	Complete	Residential Multi-Unit
Michigan Liquor Control Commission Property	Wayne	1998-0223	2005	\$40,447	\$10,244	\$30,203	RI	Complete	Warehousing
Mt. Zion Baptist Church Property-Ecorse	Wayne	1996-0197	2009	\$125,000	\$86,091	\$38,910	RI	Complete	Church extension
Southfield & Abbot St.	Wayne	1996-0199	2005	\$79,000	\$17,697	\$61,303	RI	Complete	Industrial
Southfield & Fort St.	Wayne	1994-0139	2005	\$96,000	\$38,053	\$57,947	RI	Complete	14,000 sq. ft. Retail Space
Vacant Land at Oakwood and Henry	Wayne	1996-0196	2005	\$15,000	\$13,046	\$1,954	RI	Complete	Industrial
Vacant Land South of Outer Drive	Wayne		N/A	\$17,500	\$0	\$17,500	RI	Cancelled	
Wayne Co BRA Multi Site SAG	Wayne	2002-0336	2005	\$351,505	\$230,414	\$121,091	RI	Complete	
Cadillac Areawide SAF	Wexford	2009-1127	2014	\$99,411	\$89,529	\$0	RI	In Progress	
<b>TOTAL</b>				<b>\$13,764,867</b>	<b>\$9,888,475</b>	<b>\$3,764,867</b>			

**Michigan Department of Environmental Quality  
Appendix H: Brownfield Redevelopment Grant Program  
Remediation and Redevelopment Division  
Fiscal Year 2013**

BASIC SITE INFORMATION				FUNDING INFORMATION			RESPONSE ACTIVITIES		
SITE NAME	COUNTY	TRACKING CODE	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	GRANT FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	DEVELOPMENT TYPE
Plainwell Paper Mill	Allegan	2010-1134	2012	\$1,000,000	\$998,247	\$1,753	Demo	Complete	Mixed Use Commercial and Residential
Hastings Library	Barry	2005-1051	2007	\$213,000	\$213,000	\$0	Due Care	Complete	Library
Bay City Conference Center	Bay	2001-0323	2007	\$1,000,000	\$1,000,000	\$0	RI, Due Care	Complete	Conference Center
Uptown at River's Edge	Bay	2012-1174	2014	\$1,000,000	\$106,087		Due Care, RI	In Progress	Residential, Commercial
Elberta Waterfront	Benzie	2006-1062	2014	\$735,387	\$480,870	\$0	Due Care,	In Progress	Mixed Use
Ace Metals	Berrien	2005-1050	2007	\$390,000	\$386,261	\$3,739	Due Care	Complete	Industrial
Bluffside	Berrien	2007-1076	2009	\$734,100	\$670,159	\$63,941	RI, Due Care, Demo	Complete	Commercial, Recreational
Edgewater Renaissance BRG, St. Joseph	Berrien	2001-0329	2009	\$651,000	\$651,000	\$0	RI, RA	Complete	Two Office Buildings
Harbor Shores	Berrien	2007-1073	2014	\$1,000,000	\$999,260	\$0	Demo, Due Care	In Progress	Mixed Use
Will Branscumb Property	Berrien	2005-1052	2007	\$130,000	\$130,000	\$0	Due Care,	Complete	Mixed Housing, Commercial
Acorn Building Components, Quincy	Branch	2002-0339	2010	\$1,000,000	\$686,636	\$313,364	RI, RA, Demo	Complete	Light Industrial
Baker Oil Springfield	Calhoun	2004-1046	2007	\$700,000	\$549,165	\$150,835	RA, Due Care, Demo	Complete	Car wash, office space
Brownfield Premier Improvement	Cass	2010-1136	2012	\$594,333	\$561,287	\$33,046	RI, Due Care	Complete	Industrial
R&B Electronics	Chippewa	2006-1067	2008	\$155,000	\$70,068	\$84,932	RI	Complete	Industrial
Genesee Land Bank	Genesee	2005-1060	2014	\$164,000	\$134,068	\$0	RI, RA, Due Care	In Progress	Mixed Use, Commercial
Grand Traverse Commons	Grand Traverse	2003-0344	2006	\$1,000,000	\$1,000,000	\$0	Demo, Due Care	Complete	Mixed Housing, Office, Commercial
Grand Traverse Commons Phase II	Grand Traverse	2004-1044	2007	\$1,000,000	\$1,000,000	\$0	Due Care, Demo	Complete	Mixed Housing, Office, Commercial
Grandview Parkway Properties	Grand Traverse	2013-1188	2015	\$1,000,000			RI, BEA, RA, Demo, Due Care	In Progress	Mixed Use
Traverse City Place	Grand Traverse	2006-1065	2009	\$1,000,000	\$59,448	\$940,552	RI, RA, Demo	Complete	Commercial, Residential
Louie's Fresh Market	Houghton	2012-1166	2014	\$990,865	\$767,577		Due Care, RA	In Progress	Commercial
City Market Redevelopment	Ingham	2008-1079	2014	\$1,000,000	\$864,573	\$0	RI, Due Care,	In Progress	Residential, Commercial
Habitat for Humanity	Ingham	2006-1072	2008	\$249,750	\$81,124	\$168,626	RI, Due Care	Complete	Commercial
The St Anne East Lansing	Ingham	2011-1153	2013	\$1,000,000	\$977,099	\$22,901	Due Care, RA	Complete	Residential, Commercial
Borden Building	Isabella	2004-1027	2010	\$996,800	\$989,862	\$6,938	Due Care,	Complete	Office
Crown Vantage Property, Parchment	Kalamazoo	2002-0340	2007	\$500,000	\$444,502	\$55,498	RI, RA, Demo	Complete	Commercial
Grand Rapids Urban Market	Kent	2012-1163	2013	\$1,000,000	\$999,830	\$170	Demo, Due Care, RI	Complete	Commercial

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BASIC SITE INFORMATION				FUNDING INFORMATION			RESPONSE ACTIVITIES		
SITE NAME	COUNTY	TRACKING CODE	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	GRANT FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	DEVELOPMENT TYPE
GRCC/M-TEC	Kent	2001-0313	2003	\$1,000,000	\$999,998	\$2	RI, RA, Due Care	Complete	Grand Rapids Community College M-TEC
GRCS Consolidated Elementary School	Kent	2009-1124	2011	\$712,966	\$712,796	\$170	BEA, Demo	Complete	Educational
West Shore Crossings	Leelanau	2008-1082	2012	\$589,375	\$44,139	\$545,236	BEA, Due Care	Complete	Residential, Commercial
Tahquamenon Outdoor recreation Complex	Luce	2011-1146	2013	\$305,000	\$112,234		Due Care, RA	In Progress	Recreational
334 River Street	Manistee	2011-1139	2013	\$289,823	\$289,647	\$176	Demo, Due Care	Complete	Residential, Commercial
American Materials LLC	Manistee	2008-1113	2014	\$589,704	\$481,609	\$98,416	Demo, Due Care	In Progress	Industrial
Bryant Woods	Mason	2005-1053	2009	\$100,000	\$94,820	\$5,180	Due Care	Complete	Residential
Great Lakes Towers	Monroe	2009-1125	2011	\$17,022	\$0	\$17,022	BEA, Due Care	Complete	Industrial
River Raisin Battlefield	Monroe	2004-1043	2009	\$1,000,000	\$1,000,000	\$0	Demo, Due Care	Complete	Historic Preservation Site
Mona Terrace Development	Muskegon	2006-1068	2010	\$1,000,000	\$39,528	\$960,472	RA, Demo, Due Care, Infrastructure	Complete	Residential
Muskegon Family Care	Muskegon	2008-1085	2010	\$200,000	\$130,586	\$69,414	RA, Due Care, BEA	Complete	Commercial
Muskegon Lakeshore Smart Zone	Muskegon	2002-0341	2010	\$1,000,000	\$918,797	\$81,203	RI, Due Care	Complete	Research and Technology Park
Whitehall Leather Tannery & South	Muskegon	2004-1003	2014	\$850,000	\$695,814	\$0	Due Care	In Progress	Residential
Birmingham 2400 Lincoln	Oakland	2004-1002	2009	\$700,000	\$310,205	\$389,795	RA, RI, Due Care, Demo	Complete	Mixed Housing, Office, Commercial
Pontiac Lot 9	Oakland	2000-0307	2007	\$762,600	\$141,159	\$621,441	RI, RA	Complete	Commercial, Residential
Mulch Mfg	Ogemaw	2007-1075	2009	\$657,000	\$600,809	\$56,191	RA, Due Care,	Complete	Industrial
White Pine Electric Power Plant	Ontonagon	2004-1023	2006	\$30,000	\$30,000	\$0	RI	Complete	Industrial
White Pine Industrial Park	Ontonagon	2000-0275	2007	\$721,000	\$706,928	\$14,072	RI, RA, Due Care	Complete	Industrial Park
Northern Michigan Eco-Industrial	Otsego	2010-1133	2014	\$743,750	\$421,074		RI, BEA	In Progress	Industrial
Columbus Avenue	Ottawa	2011-1138	2014	\$220,000	\$135,486		BEA, Due Care, Demo, RA	In Progress	Office
Grand Landing Project	Ottawa	2006-1059	2011	\$1,000,000	\$989,693	\$10,307	RA, Due Care	Complete	Commercial, Office, Residential
Lemon Creek Winery	Ottawa	2009-1132	2012	\$200,000	\$182,914	\$17,086	Due Care,	Complete	Commercial
Spring Lake-Lake Pt. Development	Ottawa	2005-1054	2007	\$100,000	\$100,000	\$0	Due Care, Demo	Complete	Condominiums, Restaurant
Spring Lake-Mill Point Station	Ottawa	2005-1056	2008	\$90,000	\$89,982	\$18	RI, Due Care,	Complete	Office, Commercial
Onaway Dollar General	Presque Isle	2011-1140	2014	\$300,000	\$5,668		Due Care, Demo, RA	In Progress	Commercial
Renaissance Zone Dev	Presque Isle	2001-0330	2003	\$263,230	\$263,230	\$0	RI, RA	Complete	Commercial, Residential
Hoyt Nursing Home	Saginaw	2000-0310	2002	\$222,000	\$145,419	\$76,581	RI, RA, Due Care	Complete	Nursing Home Expansion

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BASIC SITE INFORMATION				FUNDING INFORMATION			RESPONSE ACTIVITIES		
SITE NAME	COUNTY	TRACKING CODE	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	GRANT FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	DEVELOPMENT TYPE
Rifkin Metal	Saginaw	2005-1057	2008	\$1,254,261	\$1,250,572	\$3,689	RI, Due Care, Demo	Complete	Industrial
SBS Products	Saginaw	2001-0311	2007	\$60,775	\$44,400	\$16,375	RI, RA	Complete	Light Industrial
Kirsch Lofts	St. Joseph	2009-1121	2011	\$1,000,000	\$1,000,000	\$0	RA, RI, Due Care, Demo	Complete	Residential, Commercial
Paramount/Berridge, Sturgis	St. Joseph	2002-0338	2007	\$509,450	\$376,110	\$133,340	RI, RA, Demo	Complete	Residential, Commercial
Three Rivers Sheffield	St. Joseph	2011-1151	2014	\$585,500	\$389,799		Demo, Due Care, RI, RA	In Progress	Industrial
Eagle Street Redev.	Van Buren	2005-1048	2008	\$354,000	\$85,105	\$268,895	RA, RI, Due Care, Demo	Complete	Mixed Housing, Office, Commercial
Karl Schmidt Unisia #6 Site (MAAL), South Haven	Van Buren	2000-0309	2007	\$843,500	\$840,221	\$3,279	RI, RA, Demo	Complete	Aluminum Smelting
Banks of Saline	Washtenaw	2008-1081	2010	\$400,000	\$0	\$400,000	RA, Due Care	Cancelled	Residential
Broadway Village at Lowertown	Washtenaw	2004-1045	2009	\$700,000	\$0	\$700,000	Due Care	Cancelled	Mixed Use Commercial and Residential
Packard Square	Washtenaw	2011-1148	2014	\$1,000,000	\$670,145		Demo, Due Care	In Progress	Residential/Commercial
Abercrombie Southgate	Wayne	2011-1142	2014	\$595,000	\$455,739		Due Care, RA	In Progress	Commercial
Cardinal Health Medical Supply Warehouse	Wayne	2012-1173	2015	\$1,000,000			BEA, Demo, Due Care, RI	In Progress	Industrial
Cooper School	Wayne	2004-1012	2009	\$1,000,000	\$0	\$1,000,000	Due Care	Cancelled	Recreational, Commercial
Creative Arts	Wayne	2011-1137	2014	\$160,000	\$139,488		BEA, Due Care	In Progress	Recreational, Commercial
New Amsterdam	Wayne	2001-0326	2008	\$750,000	\$121,993	\$628,007	RI, Due Care	Complete	Condominiums
Northville Garage	Wayne	2012-1165	2013	\$249,600	\$246,703	\$2,897	BEA, Due Care,	Complete	Commercial
Piquette Square	Wayne	2009-1126	2011	\$480,000	\$384,878	\$95,122	Due Care	Complete	Residential, Commercial
Sharon Steel	Wayne	2000-0306	2002	\$1,000,000	\$637,876	\$362,124	RI, RA, Demo	Complete	Single Family Housing
Woodhaven Towne Center	Wayne	2008-1080	2010	\$500,000	\$0	\$500,000	RA, Due Care, BEA	Complete	Commercial
Chemical Bank	Wexford	2008-1084	2010	\$849,275	\$168,268	\$681,007	BEA, Due Care	Complete	Commercial
<b>TOTAL</b>				<b>\$46,159,066</b>	<b>\$31,273,955</b>	<b>\$9,603,811</b>			

**Michigan Department of Environmental Quality  
Appendix I: Brownfield Redevelopment Loan Program  
Remediation and Redevelopment Division  
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BASIC SITE INFORMATION				FUNDING INFORMATION					RESPONSE ACTIVITIES		
SITE NAME	COUNTY	TRACKING CODE	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE LOAN DISBURSEMENTS 9/30/2013	CUMULATIVE LOAN REPAYMENTS 9/30/2013	CUMULATIVE INTEREST REPAYMENTS	LOAN FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	DEVELOPMENT TYPE
Uptown at River's Edge	Bay	2012-1174	2014	\$1,000,000	\$1,000,000			\$0	Due Care, RI	In Progress	Commercial, Residential
Elberta Waterfront Redevelopment	Benzie	2006-1062	2011	\$250,000	\$0			\$250,000	Due Care, Demo	Cancelled	Mixed Use
Harbor Shores	Berrien	2007-1073	2009	\$1,000,000	\$1,000,000	\$182,352	\$17,997	\$0	RI, IR, Due Care, Demo	Completed	Mixed Use
City of Springfield Baker Oil	Calhoun	2004-1046	2007	\$300,000	\$300,000	\$95,229	\$11,746	\$54,969	Due Care	Completed	Commercial
HAEDCO Industrial Park	Clare	2006-1069	2010	\$361,000	\$253,475	\$29,454	\$2,907	\$199,479	RI, IR, Due Care	Completed	Residential
Grayling Downtown Redevelop	Crawford	2004-1015	2009	\$80,000	\$0			\$80,000	Due Care, IR	Cancelled	Commercial, Light Industrial
Genesee Land Bank	Genesee	2005-1060	2011	\$376,000	\$49,050	\$49,050		\$326,950	RI, Due Care	Closed	Mixed Use, Commercial
CVS Front Street	Grand Traverse	2012-1168	2014	\$1,000,000	\$878,447			\$0	BEA, Due Care, RA	In Progress	Commercial
TBA Credit Union	Grand Traverse	2013-1187	2015	\$1,000,000	\$1,000,000				IR, Demo, Due Care	In Progress	Commercial
Grand Traverse Commons - Inn at the Commons	Grand Traverse	2008-1086	2014	\$1,000,000	\$1,000,000			\$0	IR, RI, Due Care, Demo	In Progress	Commercial
Traverse City Place	Grand Traverse	2006-1065	2009	\$1,000,000	\$886,591	\$237,956	\$24,253	\$288,970	Due Care, Demo	Completed	Commercial, Residential
Alma Downtown Waterfront	Gratiot	2004-1025	2008	\$154,000	\$119,900	\$46,598	\$5,747	\$34,100	SA, Due Care, IR	Completed	Commercial, Residential
Louie's Fresh Market	Houghton	2011-1166	2014	\$400,000	\$400,000				BEA, Due Care	In Progress	Commercial
Port Hope	Huron	2005-1058	2009	\$750,000	\$0			\$750,000	IR, RI, Due Care, Demo	Cancelled	Commercial, Residential
Iron River Central School	Iron	2008-1115	2013	\$734,648	\$734,648		\$27,163	\$242,670	RA, IR, Due Care	Completed	Commercial, Residential
Borden Building Redevelop	Isabella	2004-1027	2007	\$184,690	\$0			\$184,690	Due Care	Cancelled	Commercial
Mount Pleasant Regional Center	Isabella	2013-1189	2015	\$1,000,000	\$0				Due Care, RI	In Progress	Commercial
NexGen	Jackson	2008-1114	2010	\$228,965	\$228,965	\$22,936		\$0	RA	Completed	Office
Kalamazoo County Mid Link	Kalamazoo	2008-1118	2011	\$1,000,000	\$0	\$0		\$1,000,000	RI, IR, Due Care, BEA	Cancelled	Industrial

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Appendix I: Brownfield Redevelopment Loan Program  
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SITE NAME	COUNTY	TRACKING CODE	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE LOAN DISBURSEMENTS 9/30/2013	CUMULATIVE LOAN REPAYMENTS 9/30/2013	CUMULATIVE INTEREST REPAYMENTS	LOAN FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	DEVELOPMENT TYPE
River Reach Development	Kalamazoo	2008-1117	2013	\$1,000,000	\$998,289	\$0		\$0	Due Care, BEA, Demo	In Progress	Commercial, Residential
Alpinist Endeavors	Kent	2006-1066	2010	\$1,000,000	\$986,173	\$165,597	\$29,535	\$91,886	RI, IR, Due Care, Demo	Completed	Commercial, Industrial
Bosgraaf Project	Kent	2006-1063	2008	\$1,000,000	\$1,000,000	\$1,000,000		\$0	Due Care	Closed	Industrial
Grand Rapids Environmental Assessment	Kent	2004-1016	2009	\$500,000	\$0			\$500,000	Due Care	Cancelled	Commercial
Leelanau Residential Development	Leelanau	2008-1083	2012	\$1,000,000	\$819,405	\$52,670		\$474,220	IR, RI, Due Care, Demo	Completed	Residential
West Shore Crossings	Leelanau	2008-1082	2012	\$589,375	\$32,540	\$2,059	\$49	\$587,316	IR, RI, Due Care, Demo	Closed	Residential
Eastpointe Redevelopment Project	Macomb	2013-1191	2015	\$625,000	\$0				BEA, Due Care, Demo, IR	In Progress	Commercial
American Metals LLC	Manistee	2008-1113	2012	\$327,025	\$228,609	\$9,140	\$449	\$235,783	RA	Completed	Industrial
Ludington Area wide	Mason	2004-1011	2007	\$80,000	\$0			\$80,000	Due Care	Cancelled	Commercial, Light Industrial
Great Lakes Towers	Monroe	2009-1125	2011	\$1,000,000	\$1,000,000	\$0		\$0	Due Care, BEA	Completed	Industrial
Mason Run	Monroe	2004-1010	2008	\$800,000	\$800,000	\$212,939	\$27,480	\$0	Due Care	Completed	Residential
River Raisin Battlefield	Monroe	2004-1043	2009	\$1,000,000	\$763,510	\$646,413	\$26,717	\$353,587	IR, Demo	Closed	Recreational
Muskegon Areawide Environmental Assessment	Muskegon	2004-1008	2010	\$500,000	\$500,000	\$168,830	\$15,495	\$201,128	Due Care, IR	Completed	Commercial, Light Industrial
Ravenna Dollar General	Muskegon	2013-1185	2015	\$74,625	\$43,555				Due Care, IR	In Progress	Commercial
Silver Creek New Energy	Muskegon	2009-1120	2013	\$999,700	\$330,592	\$0		\$669,108	Due Care, IR, Demo	Completed	Industrial
Whitehall Leather Tannery	Muskegon	2004-1003	2007	\$748,000	\$748,000	\$290,702	\$35,856	\$0	RA, Due Care	Completed	Condominiums
Birmingham 2400 Lincoln	Oakland	2004-1002	2007	\$300,000	\$300,000	\$116,592	\$14,381	\$0	RA, IR, Due Care, Demo	Completed	Mixed Housing, Office, Commercial
Mulch Mfg	Ogemaw	2007-1075	2009	\$325,000	\$325,000	\$21,518	\$2,124	\$207,000	Due Care	Completed	Industrial
Elmer's Gaylord Redevelopment	Otsego	2009-1119	2011	\$492,550	\$492,550			\$11,624	RI, Due Care, BEA	Completed	Industrial

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SITE NAME	COUNTY	TRACKING CODE	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE LOAN DISBURSEMENTS 9/30/2013	CUMULATIVE LOAN REPAYMENTS 9/30/2013	CUMULATIVE INTEREST REPAYMENTS	LOAN FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	DEVELOPMENT TYPE
Grand Landing	Ottawa	2006-1059	2011	\$1,000,000	\$1,000,000	\$238,811	\$64,782	\$266,918	Due Care	Completed	Commercial, Office, Residential
Mill Point Station	Ottawa	2005-1056	2008	\$239,850	\$239,850	\$121,406	\$5,189	\$26,179	RI, IR, Due Care	Completed	Commercial, Office
Spring Lake Pointe Condos	Ottawa	2005-1054	2007	\$260,000	\$260,000	\$260,000		\$0	IR, Due Care, Demo	Closed	Condominiums, Restaurant
Saginaw Central Business Dist.	Saginaw	2004-1005	2008	\$50,000	\$0			\$50,000	Due Care	Cancelled	Office
Robbin's Loft	Shiawassee	2006-1061	2008	\$85,000	\$5,590	\$5,590		\$79,410	RI, Due Care	Closed	Mixed Use
Kirsch Lofts	St Joseph	2009-1121	2011	\$1,000,000	\$608,382	\$0	\$417	\$659,240	Due Care	Completed	Commercial, Residential
Sheffield Industrial Site	St Joseph	2011-1151	2014	\$300,000	\$105,000			\$0	Due Care, Demo, RI, IR	In Progress	Industrial
City of South Haven Eagle St	Van Buren	2004-1048	2007	\$231,000	\$231,000	\$72,060	\$8,238	\$75,273	Due Care, Demo	Completed	Mixed use
Broadway Village at Lowertown	Washtenaw	2004-1045	2007	\$300,000	\$0			\$300,000	IR	Cancelled	Commercial, Residential
The Banks of Saline	Washtenaw	2008-1081	2010	\$600,000	\$0			\$600,000	Due Care, IR	Cancelled	Residential
Water Street Redevelopment	Washtenaw	2004-1030	2007	\$500,000	\$0			\$500,000	Due Care	Cancelled	Commercial, Residential
Cardinal Health Medical Supply Warehouse	Wayne	2012-1173	2015	\$1,000,000	\$0				BEA, Demo, Due Care, RI	In Progress	Industrial
Cooper Street Redevelopment	Wayne	2004-1012	2007	\$1,000,000	\$0			\$1,000,000	Due Care	Cancelled	Commercial, Residential
Woodhaven Meijers Out Lots	Wayne	2008-1080	2010	\$1,000,000	\$0			\$1,000,000	Due Care	Cancelled	Commercial
Cadillac Dollar General	Wexford	2011-1161	2013	\$143,324	\$143,324				Due Care	Completed	Commercial
Chemical Bank (Former Harris Milling Site)	Wexford	2008-1084	2010	\$280,025	\$0			\$280,025	Due Care	Cancelled	Commercial
<b>TOTAL</b>				<b>\$32,169,777</b>	<b>\$19,812,444</b>	<b>\$4,047,901</b>	<b>\$320,522</b>	<b>\$11,660,525</b>			

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Appendix J: Brownfield Redevelopment Financing Act  
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Property Name	County	Plan Submitted	Property Address	City	Brownfield Plan	Current ownership	Proposed future ownership	Delinquent taxes	Historical Use of Property	Use Prior to Development
Fleet Maintenance LLC	Delta	Escanaba Brownfield Redevelopment Authority	1700 20th Avenue North	Escanaba	Fleet Maintenance LLC	Bosk Properties	Fleet Maintenance LLC	\$0.00	Vacant land	Vacant land
TBA Credit Union Redevelopment Project	Grand Traverse	Grand Traverse County Brownfield Redevelopment Authority	626-636 East Front Street	Traverse City	TBA Credit Union Redevelopment Project	TBA Credit Union	TBA Credit Union	\$0.00	Gas station, restaurant	Fruit stand, vacant building
Traverse City Place - Hotel Indigo Phase	Grand Traverse	Grand Traverse County Brownfield Redevelopment Authority	223, 235, and 263 Grandview Parkway	Traverse City	West Front Street and Grandview Parkway	Baywatch Properties LLC, Gerald and Kathy Roster	Grand Traverse Hotel Properties LLC	\$0.00	Various commercial including machine shops and automotive repair	Midas Muffler Shop, CTM Associates (engineering firm), vacant
Industrial Property (General Mills Property)	Kalamazoo	Kalamazoo County Brownfield Redevelopment Authority	3800 Midlink	Comstock Township	Brownfield Plan for Midlink Business Park	5200 E. Cork Street Investors, LLC	American Realty Capital (ARC)	\$0.00	Rail spur, vacant land, fill location	Vacant land
Kartar #6	Kalamazoo	Kalamazoo County Brownfield Redevelopment Authority	306 North Grand Street	Schoolcraft	Kartar #6	Kalamazoo County Land Bank	Kalamazoo County Land Bank	\$0.00	Gas station, repair garage	Vacant land
600 Douglas NW	Kent	Grand Rapids Brownfield Redevelopment Authority	600 Douglas NW	Grand Rapids	600 Douglas LLC Project	600 Douglas LLC	600 Douglas LLC	\$0.00	Manufacturing, VFW hall, residential	Vacant
Lucy Road Landfill	Livingston	City of Howell Brownfield Redevelopment Authority	249 Lucy Road	Howell	Lucy Road Landfill	City of Howell	Lucy Road Resources II	\$0.00	Municipal landfill	Former municipal landfill
Ravenna Dollar General	Muskegon	Ravenna Brownfield Redevelopment Authority	3524 Main Street	Ravenna	Dollar General Redevelopment Project	Midwest V, LLC (took ownership on 2/15/13)	Midwest V, LLC (took ownership on 2/15/13)	\$0.00	Car dealership, auto body repair	Vacant
965 Wanda/Former LTV Copperweld	Oakland	Ferndale Brownfield Redevelopment Authority	965 Wanda	Ferndale	965 Wanda, LLC	Jeffrey Denha, 965 Wanda, LLC	965 Wanda, LLC	\$0.00	Industrial, foundry	Abandoned industrial
544 Detroit Street Redevelopment Project	Washtenaw	Washtenaw County Brownfield Redevelopment Authority	544 Detroit Street	Ann Arbor	Washtenaw County Combined Brownfield Plan	Jack Richard Epstein	544 Detroit Street LLC, Dan Williams 471 Rock Creek Dr. AA 48104	\$0.00	Gas station	Abandoned gas station
Chelsea Federal Screw Works Redevelopment Project	Washtenaw	Washtenaw County Brownfield Redevelopment Authority	425 Congdon Street-500 S. Main	Chelsea	Federal Screw Works Redevelopment Project	Magellan Development Company of Ann Arbor	Magellan Development Company of Ann Arbor	\$0.00	Metals processing, manufacturing, UST/AST use	Abandoned industrial
Cardinal Health/Kirco	Wayne	Detroit Brownfield Redevelopment Authority	Marquette St.- Commonwealth St.- railroad tracks, Rosa Parks Blvd.	Detroit	Cardinal Health, Inc. Redevelopment Project	Kirco Ventures, LLC	Cardinal Health, Inc.	\$0.00	Various small industrial, residential, railroad sidings	Vacant industrial, residential, railroad
Harbortown Riverside Apartments	Wayne	Detroit Brownfield Redevelopment Authority	250 Harbortown Drive	Detroit	Harbortown Riverside Apartments Brownfield Redevelopment	Jefferson Acquisitions, LLC, 4036 Telegraph Rd, Suite 201, Bloomfield Hills, MI 48302	Harbortown Riverside, LLC, 4036 Telegraph Rd, Suite 201, Bloomfield Hills, MI 48302	\$0.00	Tannery, picture frame moulding manufacturer, and varnish factory	Vacant, park like with restrictive covenant
Former Northville Psychiatric Hospital	Wayne	Northville Township Brownfield Redevelopment Authority	41011 West Seven Mile Road	Northville Township	Former Northville Psychiatric Hospital	Northville Township and REIS-Northville LLC	Northville Township and REIS-Northville LLC	\$0.00	State hospital, historic hospital landfill and incinerator	Vacant

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Property Name	Media contaminated	Contaminants	Existing zoning	Proposed Future Zoning	Proposed Redevelopment	Description of Eligible Activities	Approved Activity Cost through 2013	Date Received	Estimated Private Investment	Estimated Jobs Retained	Estimated Jobs Created
Fleet Maintenance LLC	Soil and groundwater	Coal ash	Heavy industrial	Heavy industrial	Trucking business	BEA, due care activities, investigation, contingency, and additional response activities	\$567,000.00	May 16, 2013	\$1,200,000.00	7	5
TBA Credit Union Redevelopment Project	Soil and groundwater	Chromium, benzene, toluene, ethylbenzene, xylenes, TMBs, naphthalene, others	Community center district	Community Center District	TBA Credit Union offices	BEA, soil removal, dewatering, vapor barrier, insurance	\$1,313,818.00	April 17, 2013	\$7,285,000.00	36	17
Traverse City Place - Hotel Indigo Phase	Soil and groundwater	VOCs, metals, cyanide	Commercial (C-4)	Commercial (C-4)	114,000 square foot Indigo Hotel Complex	HASP, BEA, site assessment, due care plan, dewatering, contaminated soil transportation/disposal, sampling.	\$461,002.00	November 7, 2012	\$13,000,000.00	0	45
Industrial Property (General Mills Property)	Surficial soils	Metals	Manufacturing	Manufacturing	General Mills Operations, LLC will operate for cold storage of food.	BEA, due care, additional response activities (soil stabilization/geopiers to support new structure and provide cover for impacted soils).	\$1,830,900.00	December 4, 2013	\$25,000,000.00	44	27
Kartar #6	Soil and groundwater	Petroleum	Commercial	Commercial	Greenspace, development lot	BEA, due care, additional response activities.	\$62,305.00	October 9, 2013	\$131,329.00	0	0
600 Douglas NW	Soil	Heavy metals, SVOCs	Traditional neighborhood	Planned redevelopment district	Residential apartments	BEA, soil removal, backfill.	\$168,860.00	June 10, 2013	\$2,400,000.00	0	0
Lucy Road Landfill	Soil and groundwater	Metals, VOC's	I-2 general industrial district	I-2 general industrial district	Metal scrap yard	Due care	\$403,108.00	March 7, 2013	\$6,000,000.00	0	25
Ravenna Dollar General	Soil and groundwater	Naphthalene, xylenes, TMB, PCE, arsenic, copper, lead	Commercial	Commercial	Dollar General store (retail)	Phase I and II, removal of debris from wetland, removal of concrete rubble and contaminated soil, brownfield and work plan preparation.	\$91,650.00	February 14, 2013	\$1,000,000.00	0	10
965 Wanda/Former LTV Copperweld	Soil	PNAs, VOCs	Industrial	Industrial	Brass Aluminum Forging	Environmental investigation, due care (soils remediation), additional response activities, brownfield plan and work plan preparation.	\$265,240.00	October 10, 2013	\$2,800,000.00	0	50
544 Detroit Street Redevelopment Project	Soil and groundwater	Petroleum	Commercial	Commercial	Mixed use, commercial-residential, 3 story, 4600 sq. feet	Brownfield plan, due care plan, HASP, Soil excavation, disposal, backfill, dewatering, contingency for Vapor Intrusion system.	\$265,383.00	July 26, 2013	\$1,500,000.00	0	1
Chelsea Federal Screw Works Redevelopment Project	Soil and groundwater	VOCs, PNAs, metals	Light industrial	Planned unit development	Mixed use, commercial-residential, 5 buildings	Due care, additional response activities.	\$198,303.00	February 5, 2013	\$5,046,100.00	0	40
Cardinal Health/Kirco	Soil	Petroleum, debris, hazardous substances	Residential, general industrial business, and intensive industrial district	General industrial	400,000 sq. ft. industrial, medical supply warehouse/distribution center	BEA, due care, UST and AST removal, additional response activities.	\$6,894,284.00	February 11, 2013	\$34,678,000.00	109	97
Harbortown Riverside Apartments	Soil	Arsenic, chrome, lead, mercury, selenium, benzene, benzo(a)pyrene	Planned development district	Planned development district	5 story apartment building (~140 units)	BEA, due care, additional response activities.	\$1,087,269.00	November 30, 2012	\$18,000,000.00	0	10
Former Northville Psychiatric Hospital	Soil and groundwater	Selenium, arsenic, mercury, lead, silver, xylenes, hexachlorobutadiene	Planned unit development	Planned unit development	Ambulatory care facility and multiple commercial/retail buildings	Due care and brownfield plan preparation.	\$154,390	November 5, 2012	\$130,000,000	0	350

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SITE NAME	COUNTY	PROJECT #	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	GRANT FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	COMMENTS
Bayshore Redevelopment	Alger	430812	2009	\$157,100	\$156,887	\$213	Demolition	Complete	
Allegan Water Street Waterfront Development	Allegan	455317	2003	\$650,000	\$647,906	\$2,094	Property purchase and infrastructure	Complete	
Thunder Bay Island Light Station	Alpena	453705	2004	\$82,500	\$82,500		Lighthouse renovations	Complete	Lighthouse renovation.
Huron Island Lighthouse	Baraga	430800	2010	\$62,500	\$34,643	\$27,857	Lighthouse renovations	Complete	Lighthouse renovation.
Thornapple River Waterfront Development	Barry	455316	2004	\$122,050	\$122,050		Property purchase and infrastructure	Complete	
Bay City Waterfront	Bay	454918	2002	\$3,063,000	\$2,869,424	\$193,576	Property purchase and infrastructure	Complete	Bay Aggregates relocation.
Waterfall Park	Bay	430811	2006	\$150,000	\$150,000		Infrastructure	Complete	
Benzie County, Pointe Betsie Light Station	Benzie	430804	2009	\$578,025	\$578,025		Lighthouse renovations	Complete	Lighthouse renovation.
Edgewater Development Area Waterfront Development	Berrien	455454	2014	\$776,675	\$776,675		Infrastructure	In Progress	
Riverfront Fisherman's Park	Berrien	431846	2013	\$85,950	\$79,317	\$6,633	picnic tables, restrooms, walkway, parking improvements	Complete	
Waterfront Nature Area Waterfront Development	Berrien	455453	2006	\$1,124,500	\$1,124,500		Infrastructure	Complete	
Old Sullivan Barn Waterfront Development	Calhoun	455309	2004	\$280,000	\$264,163	\$15,837	Property purchase and infrastructure	Complete	
Beaver Head Light Station	Charlevoix	455557	2004	\$257,813	\$257,813		Lighthouse renovations	Complete	Lighthouse renovation.
East Park Site Furnishings	Charlevoix	431847	2010	\$25,321	\$25,321		Benches, recycling receptacles	Complete	
DeTour Reef Light Station	Chippewa	455551	2004	\$705,000	\$705,000		Lighthouse renovations	Complete	Lighthouse renovation.
Weather Bureau Building Restoration	Chippewa	431845	2011	\$100,000	\$96,011	\$3,989	Historic Building Restoration	Complete	
Whitefish Point Light Station 2001-0317	Chippewa	455555	2004	\$70,950	\$55,642	\$15,308	Lighthouse renovations	Complete	Lighthouse renovation.
Whitefish Point Light Station 2003-0347	Chippewa	455555	2008	\$102,150	\$102,096	\$54	Lighthouse renovations	Complete	Lighthouse renovation.
Escanaba Mun. Docks WF Development	Delta	455466	2002	\$440,000	\$427,047	\$12,953	Infrastructure repairs	Complete	
Phase 1 Harbor Pt.	Delta	431840	2011	\$75,000	\$75,000		Walkway, parking, and shoreline improvements	Complete	
Sand Point Lighthouse	Delta	455552	2003	\$33,000	\$33,000		Lighthouse renovations	Complete	Lighthouse renovation.
Sand Point Lighthouse	Delta	455552	2007	\$37,500	\$37,500		Lighthouse renovations	Complete	Lighthouse renovation.
Grand Ledge Island Park Bridge	Eaton	455795	2004	\$125,000	\$125,000		Infrastructure	Complete	

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SITE NAME	COUNTY	PROJECT #	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	GRANT FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	COMMENTS
Lake Street WF Development	Emmet	455473	2006	\$597,500	\$528,918	\$68,583	Property purchase and building demolition	Complete	
Traverse City Waterfront	Grand Traverse	455487	2005	\$487,000	\$487,000		Property purchase and infrastructure	Complete	Condo/commercial.
Alma Downtown Waterfront Brownfield Redevelopment	Gratiot	430809	2007	\$200,000	\$200,000		Property acquisition, demolition, response activities	Complete	
Point Aux Barques Lighthouse	Huron	430805	2007	\$70,000	\$67,362	\$2,638	Lighthouse renovations	Complete	Lighthouse renovation.
Veterans Waterfront Park	Huron	431843	2011	\$100,000	\$100,000		Pavillion, walkways, parking improvements	Complete	
Lansing Waterfront	Ingham	455853	2011	\$3,197,970	\$3,197,970		Infrastructure	Complete	
Race Street Waterfront Development	Ingham	455312	2003	\$667,500	\$667,500		Property purchase and infrastructure	Complete	
Riverfront Place Waterfront Development	Ingham	455457	2003	\$483,340	\$464,432	\$18,908	Infrastructure and demolition	Complete	
Portland Waterfront	Ionia	455485	2002	\$359,100	\$359,100		Property purchase	Complete	Condominiums.
River Bank Park Enhancements	Iosco	431841	2010	\$55,350	\$54,855	\$495	Riverwalk, observation decks, canoe launch, restrooms	Complete	
Tawas City Downtown Redevelopment	Iosco	431848	2010	\$60,000	\$60,000		Storm water management, canoe/kayak launch, riverwalk	Complete	
Borden Building Redevelopment	Isabella	430813	2010	\$409,400	\$409,400		Demolition, property acquisition, infrastructure.	Complete	
Honneger's Grain Elevator	Isabella	454843	2002	\$85,000	\$85,000		Infrastructure	Complete	Parking lot, student housing.
Mt. Pleasant Riverfront	Isabella	450715	2002	\$215,000	\$215,000		Property purchase, demolition, and response activities	Complete	Public park, restaurant expansion, office.
Grand River Cap Removal and Waterfront Development	Jackson	455305	2002	\$834,000	\$834,000		Infrastructure	Complete	Cap completely removed. Cooper St. bridge removed. Hotel reopened. New Farmer's Market Pavilion.
Jackson Armory Project	Jackson	430810	2011	\$150,000	\$150,000		Demo, response activities	Complete	
Jackson Riverwalk Trail	Jackson	430828	2011	\$356,151	\$356,151		Property acquisition, response activities	Complete	
Crown Vantage Property Waterfront Development	Kalamazoo	455464	2004	\$400,000	\$384,689	\$15,311	Demolition	Complete	
Kalamazoo River Waterfront Development	Kalamazoo	455310	2006	\$2,835,600	\$2,835,600		Property purchase	Complete	

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SITE NAME	COUNTY	PROJECT #	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	GRANT FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	COMMENTS
Grand Rapids Waterfront	Kent	455482	2002	\$2,550,000	\$2,550,000		Infrastructure and response activities	Complete	
Crisp Point Lighthouse	Luce	455554	2004	\$52,550	\$52,550		Lighthouse renovations	Complete	Lighthouse renovation.
St. Helena Lighthouse Station	Mackinac	455553	2004	\$175,000	\$175,000		Lighthouse renovations	Complete	Lighthouse renovation.
St. Helena Lighthouse Station	Mackinac	455553	2006	\$37,125	\$37,125		Lighthouse renovations	Complete	Lighthouse renovation.
Marquette Lighthouse	Marquette	430803	2007	\$36,000	\$35,684	\$317	Lighthouse renovations	Complete	Lighthouse renovation.
South Rail Yards	Marquette	455314	2002	\$1,100,000	\$1,100,000		Property purchase	Complete	
Ludington Waterfront	Mason	455483	2005	\$180,450	\$180,450		Infrastructure and demolition	Complete	
Mona Lake Park Development	Muskegon	431844	2011	\$100,000	\$100,000		Infrastructure	Complete	
Montague Waterfront	Muskegon	455341	2002	\$662,500	\$662,500		Property purchase and demolition	Complete	Grocery store, public campground, trailhead.
Muskegon Waterfront	Muskegon	455484	2004	\$2,311,418	\$2,311,418		Infrastructure, demolition, and response activities	Complete	Office, commercial.
Whitehall Leather South Shore Redevelopment	Muskegon	430833	2014	\$411,115	\$36,926		Infrastructure, demolition	In Progress	
Grand Haven Waterfront	Ottawa	455481	2004	\$880,000	\$880,000		Property purchase	Complete	
West End Redevelopment (Spring Lake)	Ottawa	455486	2004	\$120,000	\$120,000		Property purchase	Complete	
40 Mile Point Lighthouse	Presque Isle	455550	2004	\$112,542	\$112,542		Lighthouse renovations	Complete	Lighthouse renovation.
Presque Isle Light Station	Presque Isle	455556	2002	\$246,123	\$246,115	\$8	Lighthouse renovations	Complete	Lighthouse renovation.
Presque Isle Light Station	Presque Isle	455556	2013	\$91,500	\$91,500		Lighthouse renovations	Complete	Lighthouse renovation.
Former Heileman Brewery	Saginaw	455438	2002	\$2,759,000	\$2,759,000		Infrastructure and demolition	Complete	Retail-restaurant development completed.
Saginaw Waterfront	Saginaw	455392	2003	\$980,000	\$980,000	\$0	Property acquisition	Complete	Medical offices.
Marine City Nautical Mile Riverwalk WF Development	Saint Clair	455470	2003	\$558,600	\$558,600		Infrastructure and demolition	Complete	
Old South Channel Lights	Saint Clair	456011	2008	\$450,000	\$450,000		Lighthouse renovations	Complete	Lighthouse renovation.
St. Clair River Waterfront Redevelopment Project	Saint Clair	455315	2002	\$1,100,000		\$1,100,000	Property purchase and infrastructure	Cancelled	
Scidmore Park	Saint Joseph	431849	2011	\$100,000	\$100,000		Riverwalk	Complete	
Mill Pond Park	Washtenaw	431842	2013	\$103,606	\$103,606		Walkway, rain garden, infrastructure, pier	Complete	Park improvements, pedestrian bridge.
Water Street Redevelopment	Washtenaw	430831	2007	\$500,000		\$500,000	Demo, response activities	Cancelled	
Ypsilanti Water Street Waterfront Development	Washtenaw	455455	2005	\$3,728,000	\$3,728,000		Property purchase and assembly	Complete	

**Michigan Department of Environmental Quality  
Appendix K: Waterfront Redevelopment Grants Program  
Remediation and Redevelopment Division  
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BASIC SITE INFORMATION				FUNDING INFORMATION			RESPONSE ACTIVITIES		
SITE NAME	COUNTY	PROJECT #	ESTIMATED DATE OF COMPLETION	AWARD AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	GRANT FUNDS RETURNED	ACTIVITY TYPE	ACTIVITY STATUS	COMMENTS
Detroit Riverfront Promenade	Wayne	455337	2002	\$6,200,000	\$6,200,000		Infrastructure	Complete	
Grosse Ile Airport Commerce Park	Wayne	455035	2002	\$749,000	\$659,467	\$89,533	Infrastructure	Complete	
Port of Detroit Public Dock and Passenger Terminal	Wayne	455467	2006	\$3,000,000	\$2,997,846	\$2,154	Demolition and response activities	Complete	Sea wall and boat docking facility.
Rouge River Oxbow Restoration	Wayne	455469	2005	\$2,000,000	\$1,940,655	\$59,345	Infrastructure	Complete	Oxbow reconstruction and new interpretive center.
West Road Street End Redevelopment	Wayne	455468	2002	\$174,000	\$174,000		Improvement to infrastructure	Complete	Improved public access.
<b>TOTAL</b>				<b>\$52,135,474</b>	<b>\$49,625,479</b>	<b>\$2,135,806</b>			

**Michigan Department of Environmental Quality**  
**Appendix L: Report on the Contaminated Lake and River Sediments Program**  
**Water Resources Division**  
**Fiscal Year 2013**

BASIC SITE INFORMATION						FUNDING INFORMATION			RESPONSE ACTIONS		
SITE NAME	COUNTY	SITE ID#	ESTIMATED DATE OF COMPLETION	REDEVELOPMENT	ACUTE	AY	AMOUNT PROPOSED	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	ACTIVITY STATUS	COMMENTS
Pine River	Gratiot	29000007	10/1/06		X	1999	\$1,700,000	\$1,700,000.00	RA	Complete	150,000 cy of DDT contaminated sediment removed; additional 200,000 cy to be removed and slurry wall repairs completed by 2006. State funded activities have been completed, but federal action is still pending.
Lab Services-MDEQ	Ingham	61000366	9/30/05			2004	\$18,412	\$18,412.25	RI	Complete	Remedial investigation.
Lab Services-Trimatrix	Kent	61000366	9/30/05			2000	\$3,000	\$3,000.00	RI	Complete	Remedial investigation.
Deer Lake	Marquette	52000005	11/1/01		X	1999	\$4,000,000	\$24,435.00	FS	Ongoing	Sediment sampling completed in 2000; remediation alternative report completed in 2001. Monitored natural attenuation and source control were selected as the remedial option. Source control activities are currently being evaluated.
Deer Lake	Marquette	52000005	12/31/08			2001	\$0	\$75,005.59	RA	Ongoing	
River Raisin	Monroe	58000018	3/1/06		X	1999	\$1,300,000	\$353,659.00	RA	Ongoing	Remedial alternative report completed in June, 2003. Great Lakes Legacy Act (GLLA) funds applied for in 2004. Project was placed under U.S. EPA Superfund lead until 2008. MDEQ signed a GLLA project agreement with the Great Lakes National Program office to develop the remedial design for the project. Remedial implementation began in June 2012 and the initial scope was completed in November 2012. Additional contamination below the project depth was identified during conformation sampling. Remedial options are currently under evaluation.
River Raisin	Monroe	58000019	N/A		X	2000	\$0	\$5,780.19	RA	Ongoing	
River Raisin	Monroe		9/30/14			2009	\$2,697,500	\$2,203,188.75	RA	Ongoing	
Unnamed Trib. To Wolf Creek	Montcalm	59000138	11/1/03		X	1999	\$100,000	\$13,445.55	RA	Complete	Remediation of mercury contaminated sediments completed.

**Michigan Department of Environmental Quality**  
**Appendix L: Report on the Contaminated Lake and River Sediments Program**  
**Water Resources Division**  
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BASIC SITE INFORMATION						FUNDING INFORMATION			RESPONSE ACTIONS		
SITE NAME	COUNTY	SITE ID#	ESTIMATED DATE OF COMPLETION	REDEVELOPMENT	ACUTE	AY	AMOUNT PROPOSED	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	ACTIVITY STATUS	COMMENTS
Muskegon Lake--Ruddiman Creek	Muskegon	61000366	11/15/05		X	1999	\$4,500,000	\$410,320.26	RA	Complete	Remedial alternatives evaluation completed in 2003. GLLA funds applied for in 2004. Remedial actions began in August 2005 and were completed in June 2006. Post construction summary report has been completed and the final payments have been made to U.S. EPA. Post remedial monitoring began in fall 2008. The post remedial monitoring report is under U.S. EPA GLNPO review.
Muskegon Lake--Ruddiman Creek	Muskegon	61000366	11/15/05		X	2000	\$0	\$168,118.57	RA	Complete	
Muskegon Lake--Ruddiman Creek	Muskegon	61000366	9/30/06			2001	\$0	\$2,485,975.08	RA	Complete	
Muskegon Lake--Ruddiman Creek	Muskegon	61000366	12/31/10			2004	\$0	\$2,788,889.27	RA	Complete	
Muskegon Lake--Ruddiman Creek	Muskegon	61000366	9/30/10			2009	\$0	-\$375,001.00	RA	Complete	
Muskegon Lake--Ruddiman Creek	Muskegon	61000366	9/30/10			2009	\$0	-\$375,001.00	RA	Complete	
Ryerson Creek - Muskegon Lake	Muskegon	61000366	12/1/08			2004	\$105,000	\$179,129.38	RI	Ongoing	Remedial investigations completed in Summer 2007. Currently developing a feasibility study for Muskegon Lake in the vicinity of the Division Street Storm sewer outfall. Feasibility study was completed in 2009. MDEQ signed a GLLA project Agreement with the Great Lakes National Program Office to develop the remedial design for the Division Street Outfall project. Remedial implementation began in June 2011 and was expected spring 2012. The U.S. EPA is currently drafting the post construction summary report which should be final by Spring 2014.
Ryerson Creek - Muskegon Lake	Muskegon	61000366	9/30/13			2009	\$4,515,000	\$3,665,290.57	RA	Ongoing	
White Lake--Tannery Bay	Muskegon	61000365	2/15/02		X	1999	\$3,100,000	\$1,746,404.19	RD	Complete	Awarded cleanup bid in April 2002. Dredging activities and site restoration activities completed in 2003. Currently implementing post remedial monitoring activities. As of 09/30/09, project is complete.
White Lake--Tannery Bay	Muskegon	61000365	10/1/03			2000	\$0	\$731,294.50	RA	Complete	
White Lake--Tannery Bay	Muskegon	61000365	10/1/03			2001	\$0	\$131,724.06	RA	Complete	
White Lake--Tannery Bay	Muskegon	61000365	9/30/09			2004	\$0	\$0.00	RA	Complete	

**Michigan Department of Environmental Quality**  
**Appendix L: Report on the Contaminated Lake and River Sediments Program**  
**Water Resources Division**  
**Fiscal Year 2013**

BASIC SITE INFORMATION						FUNDING INFORMATION			RESPONSE ACTIONS		
SITE NAME	COUNTY	SITE ID#	ESTIMATED DATE OF COMPLETION	REDEVELOPMENT	ACUTE	AY	AMOUNT PROPOSED	CUMULATIVE EXPENDITURES 9/30/2013	ACTIVITY TYPE	ACTIVITY STATUS	COMMENTS
Detroit River--Black Lagoon	Wayne	82000012	6/1/05		X	1999	\$3,351,040	\$33,582.50	RD/RA	Complete	Remedial alternatives evaluation completed in 2003. GLLA funds applied for in 2004. Remedial actions began in October 2004 and completed in December 2005. Post construction summary report has been completed and the final payments have been made to U.S. EPA. Post remedial monitoring began in 2007. The 2007 post remedial monitoring report is under U.S. EPA GLNPO review.
Detroit River--Black Lagoon	Wayne	82000013	6/2/05		X	2000	\$0	\$2,262,764.19	RA	Complete	
Detroit River--Black Lagoon	Wayne	82000013	12/15/05			2001	\$0	\$879,415.19	RA	Complete	
Detroit River--Black Lagoon	Wayne	82000013	12/31/10			2004	\$0	\$96,553.32	RA	Complete	
Rouge River	Wayne	82000047	12/1/07		X	2000	\$300,000	\$0.00	RI	Complete	Remedial investigation conducted in summer 2007 and report completed in September 2007. The GLNPO conducted some additional remedial investigations in fall 2008. The investigation report was completed in 2010. GLNPO is currently conducting a feasibility study for the lower portion of the river.
Rouge River	Wayne	82000047	12/1/07			2004	\$0	\$53,014.40	RI	Complete	
Trenton Channel	Wayne	82000012	12/1/08			2004	\$175,000	\$165,628.81	RI	Complete	Remedial investigation was conducted in 2006 and 2007. Final report was completed in 2010. GLNPO is working on a feasibility study.
<b>TOTAL</b>				<b>0</b>	<b>12</b>		<b>\$25,864,952</b>	<b>\$19,820,029.62</b>			

Michigan Department of Environmental Quality  
Appendix M: Nonpoint Source Pollution Control Grants  
Water Resources Division  
Fiscal Year 2013

BASIC SITE INFORMATION					FUNDING INFORMATION		RESPONSE ACTIONS
PROJECT NAME	Project #	COUNTY	TRACKING CODE	GRANT RECIPIENT	GRANT AWARD	CUMULATIVE EXPENDITURES 9/30/2013	COMMENTS
Saginaw Bay Livestock Exclusion	43070804	Bay	2002-0020	Saginaw Bay RC&D Council	\$472,000	\$ 282,846.92	Project installed 75,668 linear feet of fencing, 20 livestock crossings and four alternate watering sources.
Nottawa Creek	43070904	Calhoun	2002-0059	Calhoun Conservation District	\$75,870	\$ 62,338.04	Project stabilized two eroding stream banks and one eroding road-stream crossing and implemented numerous agricultural best management practices.
Fumee Creek	43071004	Dickinson	2002-0079	Dickinson Conservation District	\$450,000	\$ 449,992.08	Project implemented a variety of practices to control nonpoint sources.
Hamilton Creek	43071104	Dickinson	2002-0076	Dickinson Conservation District	\$345,000	\$ 344,761.81	Project implemented a variety of practices to control nonpoint sources.
CREP Permanent Easements	43071204	Saginaw Bay area, River Raisin	2002-0005	Saginaw Basin Land Conservancy	\$3,000,000	\$ 3,000,000.00	Project resulted in the installation of 27 easements in nine different counties totaling 1,624 acres of agricultural land.
Sebewaing River	43071404	Huron	2002-0061	Huron Conservation District	\$710,928	\$ 684,673.10	Project installed 236 grade stabilization structures, 187 tile outlet stabilizations, 3,800 acres of cover crops and 125 acres of filter strips.
Carrier Creek - Stream bank Stabilization	43071604	Ingham	2002-0015	Eaton County Drain Commission	\$263,555	\$ 262,949.00	Project completed the restoration of Carrier Creek.
Kalamazoo County Road at DE Ave.	43071804	Kalamazoo	2002-0036	Kalamazoo County Road Commission	\$123,409	\$ 123,408.78	Project stabilized one eroding road-stream crossing.
Cedar River Implementation Project	43071904	Gladwin	2002-0018	Gladwin Conservation District	\$276,200	\$ 126,203.90	Project stabilized three eroding stream banks, one road-stream crossing and one livestock access site.
Munising Bay	43073604	Alger	2002-0039	Alger Conservation District	\$91,226	\$ 91,215.33	Project stabilized one eroding road that was a significant source of erosion.
Carrier Creek	43075805	Eaton	2004-0133	Eaton County Drain Commission	\$117,281	\$ 26,187.00	Contract funded the engineering design of a portion of Carrier Creek.
Elk River Chain of Lakes Protection	43076005	Grand Traverse	2004-0111	Grand Traverse Regional Land Conservancy	\$341,329	\$ 338,675.00	Project purchased conservation easements on parcels most important to preventing nonpoint source pollution and preserving water quality. Preserved 422 acres.
Grand Traverse Bay Implementation	43076305	Grand Traverse	2004-0151	Grand Traverse Bay Watershed Initiative	\$425,315	\$ 425,314.90	Project stabilized eroding stream banks, shoreline and road-stream crossings, created a wetland, installed riparian buffers, and installed four types of pervious pavement.

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BASIC SITE INFORMATION					FUNDING INFORMATION		RESPONSE ACTIONS
PROJECT NAME	Project #	COUNTY	TRACKING CODE	GRANT RECIPIENT	GRANT AWARD	CUMULATIVE EXPENDITURES 9/30/2013	COMMENTS
Boardman River Protection III	43076505	Grand Traverse	2004-0153	Grand Traverse Regional Land Conservancy	\$200,000	\$ 187,000.00	Project protected 278 acres of land critical to preserving the water quality and hydrology of the Boardman River by purchasing conservation easements on priority parcels.
Whitney Drain Restoration Project	43076805	Iosco	2004-0128	Iosco Drain Commission	\$937,500	\$ 754,753.00	Project restored the lower portion of Whitney Drain.
Upper Macatawa Restoration	43076905	Ottawa	2004-0163	Ottawa County Parks & Recreation Commission	\$500,000	\$ 369,691.06	Project improved water quality and reduced flooding in a 600-acre park setting.
Kingfisher Bluff Innovative Stormwater Demonstration	43077005	Wayne	2004-0130	Henry Ford Community College	\$708,300	\$ 510,209.21	Project retrofitted a college parking lot with innovative storm water practices and stabilized an eroding stream bank.
Lower Dead River Implementation	43077105	Marquette	2004-0117	Marquette Conservation District	\$349,851	\$ 241,424.52	Project stabilized eroding sites included in the approved watershed management plan.
Sand Creek	43077205	Ottawa	2004-0114	Grand Valley State University - Annis Water Resources Institute	\$98,947	\$ 98,947.00	Project installed three rain gardens and stabilized one stream bank.
CREP Implementation	43077505	multiple	2005-0007	Pheasants Forever	\$4,000,000	\$ 2,872,313.85	Contract is to install filter strips, riparian buffers, windbreaks, and wetland restorations in the three CREP watersheds.
Uptown Implementation	43077705	Kent	2005-0004	East Hills Council of Neighbors	\$324,357	\$ 324,356.99	Project implemented low impact development techniques which include two green roofs, three porous pavement sites and a rain garden in an urban setting.
Sturgeon Creek Implementation	43077805	Midland	2004-0154	Midland Conservation District	\$270,000	\$ 125,553.15	Project stabilized six storm drain outlets.
Munising Bay Restoration	43078005	Alger	2004-0167	Alger Conservation District	\$325,610	\$ 325,609.80	Project reduced erosion at deroding road-stream crossings and one stream bank, and stabilize a severely eroding race track.
Stony Creek Corridor	43078105	Oakland	2005-9147	Oakland Land Conservancy	\$525,000	\$ 525,000.00	Project purchased a permanent conservation easement on the West Branch of Stony Creek within a 36-acre natural area of steep slopes and valleys.

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BASIC SITE INFORMATION					FUNDING INFORMATION		RESPONSE ACTIONS
PROJECT NAME	Project #	COUNTY	TRACKING CODE	GRANT RECIPIENT	GRANT AWARD	CUMULATIVE EXPENDITURES 9/30/2013	COMMENTS
Saugatuck Center for the Arts Stormwater Alternative BMP and Reuse	43078205	Allegan	2005-0002	City of Saugatuck	\$165,000	\$ 164,832.50	Project implemented innovative storm water management techniques, including rain gardens, vegetated bioswales, and a bioretention/storage basin, at an Arts Center.
Detroit East Riverwalk/Tri-Centennial Park	43078305	Wayne	2004-0104	Detroit Riverfront Conservancy	\$1,000,000	\$ 1,000,000.00	Project created a series of practices to treat storm water within a 10-acre park.
Glen Lake/Crystal River Permanent Land Protection	43078405	Leelanau	2005-0330	Leelanau Conservancy	\$375,000	\$ 375,000.00	Project secured three permanent conservation easements to protect 44 acres of riparian wetlands, natural shorelines and groundwater uplands in the Glen Lake/Crystal River watershed.
Thurston Lake Pond	43078505	Washtenaw	2005-0114	Ann Arbor Public Schools	\$300,000	\$ 282,849.90	Contract is to restore a pond by implementing numerous best management practices.
Mid Shiawassee River Implementation	43078605	Shiawassee	2005-9136	Shiawassee Conservation District	\$367,233	\$ 351,809.06	Project implemented a variety of practices to control nonpoint sources.
Middle Rouge Riparian Corridor Management	43078806	Wayne	2004-0150	County of Wayne	\$391,968	\$ 391,968.00	Project implemented sustainable riparian corridor management best management practices at sites in the Middle Rouge River watershed.
Water Tower Park Shoreline Stabilization on the Thunder Bay River	43078906	Alpena	2005-0003	City of Alpena	\$150,000	\$ 150,000.00	Project stabilized an eroding stream bank and upland area using innovative techniques including bioengineering on the banks and a bioretention bike path and rain gardens on the upland.
Humbug Marsh Water Quality Enhancement	43079706	Wayne	2004-0103	Wayne County-Department of Public Services	\$333,743	\$ 333,742.80	Contract is to remove over 600 feet of concrete culvert and create a natural streambed with storm water retention capacity and additional wetland development.
Grand Traverse Bay Watershed Protection Project	43170606	Grand Traverse	2006-0159	Grand Traverse Regional Land Conservancy	\$1,000,000	\$ 1,000,000.00	Project permanently protected three parcels totaling 577 acres of land to preserve water quality in the Grand Traverse Bay Watershed.
Lower Grand River Implementing BMPs at Metro Health Hospital	43170707	Kent	2006-0123	Metro Health Hospital	\$400,000	\$ 389,442.71	Project installed a green roof and other infiltration practices at a hospital.
Middle Clinton River Stream Bank Stabilization	43171307	Macomb	2000-0182	Macomb County Department of Public Works	\$168,478	\$ 138,889.14	Project is to implement low impact develop practices.

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BASIC SITE INFORMATION					FUNDING INFORMATION		RESPONSE ACTIONS
PROJECT NAME	Project #	COUNTY	TRACKING CODE	GRANT RECIPIENT	GRANT AWARD	CUMULATIVE EXPENDITURES 9/30/2013	COMMENTS
Upper Manistee Protection Project II	43171507	Grand Traverse	2006-0160	Grand Traverse Regional Land Conservancy	\$215,000	\$ 208,870.75	Project protected 723 acres of land and preserved water quality in the Upper Manistee River watershed by purchasing conservation easements.
Michigan Avenue Bioretention Facilities	43171607	Ingham	2006-0142	City of Lansing	\$595,473	\$ 595,234.70	Project implemented bioinfiltration practices in downtown Lansing.
Grand Traverse Bay Watershed Protection Phase II	43173208	Grand Traverse	2007-0112	Grand Traverse Regional Land Conservancy	\$300,000	\$ 7,707.50	Project purchase conservation easements on 132 acres of land in the Grand Traverse Bay Watershed.
Pere Marquette Planning and Easements	43173408	Lake	2007-0142	Conservation Resource Alliance	\$150,000	\$ 150,000.00	Contract is to update the Watershed Management Plan to EPA standards and permanently preserve 368 acres of natural lands in the riparian corridor.
Conservation Reserve Enhancement Program Technical Assistance	43173608	Shiawassee	2007-0116	Shiawassee Conservation District	\$300,000	\$ 299,998.26	Project provided funding for technicians implementing the Conservation Reserve Enhancement Program.
Lower Muskegon River Watershed Critical Land Mapping and Easements	43173708	Newaygo	2007-0150	Land Conservancy of West Michigan	\$778,243	\$ 778,242.70	Project protected approximately 427 acres of land with permanent conservation easements.
Hollywood Rd. Stormwater Basin	43174508	Berrien	2008-0023	County of Berrien	\$315,000	\$ 314,999.96	Project retrofitted an existing detention basin in order to control peak flows and reduce suspended solids and nutrients.
Fleming's Roseland Sedimentation Basin	48051700	Oakland	1999-0024	City of Farmington Hills	\$454,127	\$ 411,594.25	Project implemented a two-cell extended detention basin to treat storm water and reduce flash peak flows in the Upper Rouge River.
Pine Creek Watershed	48051800	Dickinson	1999-0032	Dickinson Conservation District	\$461,572	\$ 454,748.16	Project stabilized 12 road-stream crossings, 400 feet of stream bank, and installed 1,000 linear feet of fencing and 2 animal waste structures.
Nottawa Creek	48051900	Calhoun	1999-0044	Calhoun Conservation District	\$26,413	\$ 26,413.00	Project stabilized 540 linear feet of stream bank at the site of a former flour mill.
Cedar River Road Crossings	48052400	Clare	1999-0040	Clare Conservation District	\$58,188	\$ 57,839.79	Project stabilized five road-stream crossings on the Cedar River.
CO Road 510 Soil Erosion & Sediment Control Project	48052500	Marquette	1999-0021	Marquette County Road Commission	\$404,000	\$ 404,000.00	Project stabilized over a dozen sites along County Road 510 at crossings on the Garlic, Little Garlic and Yellow Dog Rivers.

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BASIC SITE INFORMATION					FUNDING INFORMATION		RESPONSE ACTIONS
PROJECT NAME	Project #	COUNTY	TRACKING CODE	GRANT RECIPIENT	GRANT AWARD	CUMULATIVE EXPENDITURES 9/30/2013	COMMENTS
Plaster Creek Stormwater Detention Basin Retrofit	48052600	Kent	1999-0039	Kent County Drain Commission	\$386,100	\$ 352,587.00	Project resulted in the retrofit of two detention basins to treat storm water.
Central Lake Superior Watershed Partnership	48052700	Marquette	1999-0050	Marquette Conservation District	\$190,960	\$ 160,127.22	Project stabilized eight road-stream crossings, one recreational access site and three stream banks.
Sprong Lake Inlet	48052800	Berrien	1999-0043	Branch Conservation District	\$76,280	\$ 72,669.40	Project stabilized 2,378 feet of stream bank at a total of four sites.
Rifle River	48052900	Arenac	1999-0029	Saginaw Bay RC&D Council	\$347,997	\$ 319,979.80	Installed 26,200 linear feet of exclusionary fencing, seven livestock crossings and numerous other agricultural practices.
City of Portage Stormwater Quality & Trailways Facility	48053000	Kalamazoo	1999-0025	City of Portage	\$423,900	\$ 423,900.00	Project implemented state-of-the-art storm water treatment practices in Portage Creek.
Partnership for the Jewel of the Midwest	48054600	Antrim	1999-0063	Antrim Conservation District	\$344,143	\$ 310,089.71	Project stabilized four road-stream crossings and 5,800 linear feet of stabilized stream banks on the Rapid and Cedar Rivers.
Upper Clam River Stabilization Project	48055001	Wexford	1999-0047	City of Cadillac	\$119,836	\$ 119,836.22	Project stabilized a road-stream crossing on the Clam River.
Section 34 Swale BMP Project	48055101	Oakland	1999-0033	City of Southfield	\$206,250	\$ 197,755.25	Project installed a series of grass swales to treat and control storm water.
Big Sable Watershed Restoration Phase I	48055301	Mason	1999-0014	Conservation Resource Alliance	\$142,000	\$ 142,000.00	Project stabilized one road-stream crossing and six stream banks.
District 5 Road Bridge	48055901	Dickinson	1999-0030	Dickinson Conservation District	\$10,500	\$ 10,500.00	Project stabilized one road-stream crossing in the Pine Creek watershed.
Dundas Road Reconstruction	48056401	Gladwin	1999-0027	Gladwin County Road Commission	\$150,000	\$ 150,000.00	Project stabilized a road adjacent to the Tittabawassee River.
Boardman River	48057501	Grand Traverse	2000-0136	Grand Traverse Conservation District	\$357,193	\$ 357,193.00	Project stabilized 89 stream banks and 12 road crossings.
Manistique River Watershed System stream bank stabil.	48057601	Schoolcraft	1999-0020	Schoolcraft Conservation District	\$72,095	\$ 68,332.72	Project stabilized 1,273 linear feet of stream bank along the Driggs River, which is a tributary of the Manistique River.
Nottawa Creek Watershed Bank Stabilization	48061701	Calhoun	2000-0175	Calhoun Conservation District	\$26,121	\$ 17,040.00	Project resulted in the removal of piers left from a dilapidated bridge and stabilized an eroding bank.

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BASIC SITE INFORMATION					FUNDING INFORMATION		RESPONSE ACTIONS
PROJECT NAME	Project #	COUNTY	TRACKING CODE	GRANT RECIPIENT	GRANT AWARD	CUMULATIVE EXPENDITURES 9/30/2013	COMMENTS
Iron River Watershed - Physical Improvements	48061801	Iron	2000-0200	Iron Conservation District	\$429,217	\$ 381,225.53	Project stabilized one road-stream crossing, installed 5,000 linear feet of fencing (for livestock exclusion) and implemented numerous other practices.
Hager Creek Restoration Project	48062301	Ottawa	2000-0166	Ottawa County Parks & Recreation Commission	\$259,058	\$ 258,595.05	Project resulted in the installation of numerous in-channel stream restoration practices.
Carrier Creek Restoration	48062401	Eaton	2000-0137	Eaton County Drain Commission	\$1,000,000	\$ 943,475.00	Project implemented stream restoration techniques at over 260 sites.
Rogue River Watershed	48062501	Kent	2000-0197	GVSU Annis Water Resource Inst.	\$357,516	\$ 357,516.00	Project stabilized four road-stream crossings and one recreational access site.
2012-0008	48062601	Macomb	2012-0008	Macomb County Office of Public Works	\$200,000	\$ -	To re-establish pre-settlement wetland types on approximately 40 acres, stabilize river banks and establish a forest canopy along the N. Br. Clinton River.
Cass River and Saginaw Bay Watershed Livestock Exclusion	48063001	Sanilac	2000-0213	Sanilac Conservation District	\$462,926	\$ 462,926.00	Project resulted in the installation of dozens of agricultural BMPs, including 67,051 feet of fencing to exclude livestock from streams.
Betsie River Watershed Restoration Project - Phase I	48064701	Benzie	2000-0179	Conservation Resource Alliance	\$474,312	\$ 474,313.00	Project stabilized 13 stream banks and three road crossings.
Manistee River Watershed Project	48064801	Manistee	2000-0180	Conservation Resource Alliance	\$696,691	\$ 696,665.56	Project stabilized 11 eroding road-stream crossings and 11 eroding stream banks.
Muskegon River and AOC Watershed	48064901	Muskegon	1999-0037	Muskegon Conservation District	\$198,801	\$ 198,801.00	Project stabilized four stream banks and one shoreline site.
Quail Ridge Drain Improvements	48066502	Wayne	2000-0145	Northville Township	\$338,400	\$ 335,758.74	Project reduced peak velocities and reinforced existing stream banks in Quail Ridge Drain.
Lake Charlevoix Watershed	48070302	Charlevoix	2000-0139	Charlevoix Conservation District	\$300,000	\$ 230,944.68	Project stabilized five road-stream crossings, 400 feet of eroding shoreline, and three alternative watering sources for livestock.
City of Wayne City Hall Storm Water Quality Improvements	48070902	Wayne	2000-0153	City of Wayne	\$337,200	\$ 337,200.00	Project implemented state-of-the-art storm water practices, including bioretention basins, dry swales, rain barrels, and catch basin inlet filters.

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PROJECT NAME	Project #	COUNTY	TRACKING CODE	GRANT RECIPIENT	GRANT AWARD	CUMULATIVE EXPENDITURES 9/30/2013	COMMENTS
City of Cadillac Upper Clam River Watershed Improvement	48071102	Wexford	2000-0198	City of Cadillac	\$143,933	\$ 137,684.32	Project stabilized six road areas that carried sediments to the Clam River.
St. Clair Shores Catch Basin BMP	48071402	Macomb	2000-0148	City of St. Clair Shores	\$367,440	\$ 348,686.40	Project installed 175 catch basin inserts and determined the effectiveness of four types of inserts.
Urban Storm Water Control at Old Orchard Pond	48071902	Wayne	2000-0134	City of Dearborn Heights/Wayne County	\$70,000	\$ 13,434.18	Project resulted in the retrofit of a pond to properly retain and treat storm water.
Rouge River Improvement - Ford Field Bridge	48072602	Wayne	1999-0056	City of Dearborn	\$561,216	\$ 538,269.47	Project stabilized the Ford Field bridge on the Lower Rouge River, and 900 linear feet of stream bank.
Middle Clinton Road Crossing Improvement	48075002	Macomb	1999-0051	Macomb County Road Commission	\$390,810	\$ 276,115.39	Project stabilized two road-stream crossings on the Middle Clinton River.
Stream bank and Outlet Stabilization	48075102	Oakland	1999-0026	City of Novi	\$50,000	\$ 50,000.00	Project stabilized 75 linear feet of stream bank and four outlets, and installed one catch basin insert.
Pine River Watershed Stream Bank Stab. & Road Crossing Repair	48077503	St. Clair	2000-0181	St. Clair County Drain Commission	\$28,933	\$ 28,933.00	Project resulted in the implementation of three livestock crossings and 6,000 feet of fencing..
Portage & Arcadia Creeks Implementation	48113609	Kalamazoo	2008-0018	The FORUM of Greater Kalamazoo	\$379,252	\$ 379,251.40	Project implemented stormwater best management practices on three stretches of the river.
Rice Creek Floodplain	48116009	Calhoun	2009-0044	Calhoun Conservation District	\$247,803	\$ 193,437.30	Project reconnected to its floodplain at five locations to increase flood storage and prevent erosion.
West Grand Traverse Bay Protection	48116109	Leelanau	2009-0074	Leelanau Conservancy	\$418,000	\$ 413,481.70	Project permanently protected 175 acres of high priority land with conservation easements.
Grand Traverse Bay Watershed Phase III	48116209	Antrim	2009-0005	Grand Traverse Regional Land Conservancy	\$600,283	\$ 338,362.00	Project is to permanently protect 500 acres of high priority land with conservation easements.
Jordan River Watershed	48116309	Antrim	2009-0006	Grand Traverse Regional Land Conservancy	\$200,000	\$ 200,000.00	Project protected 520 acres of land with conservation easements, which far exceeded the 200 acre goal of the project.
Eagle River Watershed - Central Mine Deposit #3	48123711	Keweenaw	2010-0018	Houghton Keweenaw Conservation District	\$448,975	\$ 32,675.97	Project is to stabilize eroding stamp sands at a mining site in the Upper Peninsula. This grant was added on to an existing stamp sand grant with the same entity.

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PROJECT NAME	Project #	COUNTY	TRACKING CODE	GRANT RECIPIENT	GRANT AWARD	CUMULATIVE EXPENDITURES 9/30/2013	COMMENTS
West Grand Traverse Bay Protection II	48132512	Leelanau	2011-0007	Leelanau Conservancy	\$419,700	\$ 7,000.00	Project is to purchase permanent easements on 200 acres of land to protect water quality in the Grand Traverse Bay watershed.
Whitney River Restoration Project		Arenac	2000-0155	Whitney Inter-County Drain Board	\$1,252,912	\$ -	Award was to stabilize the grade and adjacent banks with bio-engineered techniques to reduce sediment in the Whitney Drain. The award was declined by the grantee.
Grand Traverse Bay Watershed Buffer Initiative and Benchmark Survey		Grand Traverse	2006-0139	The Watershed Center Grand Traverse Bay	\$172,688	\$ -	This project was awarded a CMI NPS grant but funding was switched to federal Clean Water Act funds. The final grant contract was funded with federal funds.
Walton Road Structure over Pony Creek		Isabella	1999-0042	Isabella County Road Commission	\$50,000	\$ -	Award was to stabilize one road-stream crossing on Pony Creek.
Schoolhouse Creek Detention Basin Retrofit		Kent	1999-0038	Kent County Drain Commission	\$36,750	\$ -	Project was to retrofit two detention basins to treat storm water. Award was declined.
Middle Clinton Stream Bank Stabilization		Macomb	1999-0052	Macomb County Office of Public Works	\$71,250	\$ 56,894.88	Project installed one rain garden, one bioswale and one porous pavers site.
Whetstone Brook & Orianna Creek		Marquette	1999-0061	City of Marquette	\$44,500	\$ -	Project was to install a detention basin. Award was rejected by the applicant.
CO Road 510 Soil Erosion & Sediment Control Project III		Marquette	2002-0057	Marquette County Road Commission	\$412,500	\$ -	Project was to continue stabilization of County Road 510. Award was rejected by the applicant.
White River & AOC Watershed Project		Muskegon	1999-0053	Muskegon Conservation District	\$41,670	\$ -	Award was to stabilize 19 eroding stream banks, and install 1,200 feet of native buffer/filter strips.
Felch Avenue Road Crossing		Newaygo	2002-0081	Garfield Township	\$200,000	\$ -	Award was to stabilize one eroding road-stream crossing. Project was cancelled per grantee request.
City of Pontiac LID Rouge River Watershed Project		Oakland	2006-0133	Pontiac Department of Public Works	\$160,907	\$ -	Award was to install low impact development techniques at a Department of Public Works site. Project was cancelled.
West Branch Stony Creek Acquisition		Oakland	2010-0059	Six Rivers Regional Land Conservancy	\$519,700	\$ -	Project was to secure a permanent conservation easement on 320 acres of headwaters of the West Branch Stony Creek watershed. Negotiations with the landowner fell through the grant was rejected.

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Stony/Paint Creek Subwatershed Implementation		Oakland	2010-0045	City of Rochester Hills	\$84,990	\$ -	This project was to secure a permanent easement on a parcel in the Stony/Pain Creek subwatershed. The grant was cancelled due to lack of commitment by the landowner to carry through with the easement.
Lake Macatawa Watershed Project		Ottawa	2000-0193	Macatawa Area Coordinating Council	\$249,818	\$ 249,818.00	Project implemented restoration activities in the watershed to help meet the phosphorus reduction goals.
Bio-Retention Botanical ART Garden		St. Clair	2005-0005	St. Clair County Community College	\$89,500	\$ -	Award was to develop four bio-retention areas on the St. Clair Community College's downtown Port Huron campus. The grant was cancelled.
Salem Twp Wetland Treatment System for WQ Enhancement.		Washtenaw	1999-0017	Salem Township	\$83,550	\$ -	Project was to install a storm water treatment system in a tributary of the Rouge River. Award was declined.
Dearborn Storm Water Treatment		Wayne	2002-0088	City of Dearborn	\$154,843	\$ -	Award was to treat storm water from a parking lot with a treatment wetland.
2012-0033		Van Buren	2012-0033	Paw Paw Village	\$98,000	\$ -	Project is to promote agricultural best management practice implementation and educate landowners.
			<b>TOTAL</b>		<b>\$39,598,535</b>	<b>\$ 31,485,082.51</b>	

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Great Lakes Environmental Center Inc.	Grand Traverse	10/01/2008-08/31/2012	480563	2013	\$500,000	\$ 154,856.06	CMI	Water Chemistry	In Progress	Sample collection, sample analysis, date analysis, and reporting
Wisconsin State Laboratory of Hygiene	NA*	09/01/2012-08/31/2014	480621	2013	\$345,049	\$ 42,797.00	CMI	Water Chemistry	In Progress	Analyze Water Samples
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	07/24/2010-12/31/2012	481018/N1300011	2013	\$255,750	\$ 152,479.98	CMI	Water Chemistry	In Progress	Monitoring ambient water samples in over 31 Great Lakes tributary watershed
Great Lakes Commission	Washtenaw	12/01/2009-09/30/2014	481019	2013	\$203,961	\$ 47,320.36	CMI	Volunteer Monitoring	In Progress	Administer the Michigan Clean Water Corps volunteer monitoring program
US Geological Survey	Ingham	10/01/12-09/30/2013	481157	2013	\$10,535	\$ 10,535.00	CMI			ERROR per Cindy Masterson 1/3/2014
County of Macomb	Macomb	04/04/2011-09/30/2012	481291	2013	\$4,194	\$ 4,194.00	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
State of Maryland	N/A*	03/01/2013-09/30/2014	481373	2013	\$138,000	\$ 61,110.59	CMI	Wildlife Contaminants	In Progress	Scientist working on this project was formerly located at Clemson University.
Grand Traverse Bay Watershed I	Grand Traverse	03/01/2013-09/30/2013	481401	2013	\$13,654	\$ 13,616.43	CMI	Beach Monitoring	Completed	1 year grant. Monitor bacteria levels at public beaches.
District Health Department No. 2	Ogemaw	03/01/2013-09/30/2013	481402	2013	\$21,304	\$ 15,000.00	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
Luce Mackinac Alger Schoolcraft	Luce	03/01/2013-09/30/2013	481403	2013	\$8,300	\$ 4,588.24	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
County of Wexford	Wexford	03/01/2013-09/30/2013	481404	2013	\$11,188	\$ 5,388.18	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
County of Charlevoix	Charlevoix	03/01/2013-09/30/2013	481405	2013	\$20,540	\$ 8,793.50	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
County of Houghton	Houghton	03/01/2013-09/30/2013	481406	2013	\$9,778	\$ 5,152.15	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
District Health Department No. 4	Alpena	03/01/2013-09/30/2013	481407	2013	\$8,300	\$ 2,287.56	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
County of Washtenaw	Washtenaw	03/01/2013-09/30/2013	481408	2013	\$7,654	\$ 3,362.75	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
County of Muskegon	Muskegon	03/01/2013-09/30/2013	481410	2013	\$11,999	\$ 5,040.00	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
County of Ottawa	Ottawa	03/01/2013-09/30/2013	481411	2013	\$11,360	\$ 6,533.00	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
County of Macomb	Macomb	03/01/2013-09/30/2013	481412	2013	\$7,534	\$ 2,000.00	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
Barry-Eaton District Health Department	Eaton	03/01/2013-09/30/2013	481413	2013	\$9,064	\$ 4,385.92	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
County of Oakland	Oakland	03/01/2013-09/30/2013	481415	2013	\$40,430	\$ 15,936.95	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
County of Chippewa	Chippewa	03/01/2013-09/30/2013	481416	2013	\$8,300	\$ 4,300.82	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
Charter County of Wayne	Wayne	03/01/2013-09/30/2013	418418	2013	\$10,594	\$ 7,006.15	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	07/24/2010-09/30/2011		2013	\$230,000	\$ 230,000.00	CMI	Stream Flow	Completed	Collect flow data on MI rivers and streams.
Michigan Department of Environmental Quality - Environmental Lab	Ingham	10/01/2013-09/30/13		2013	\$283,145	\$ 283,144.50	CMI	Water Chemistry	Completed	Analyze Water Samples
Merit Laboratories	Ingham	10/01/2013-09/30/13		2013	\$240	\$ 240.00	CMI	Sediment Chemistry	Completed	Sediment Sample Analysis
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	07/24/2010 - 12/31/2013	481018/N1300011	2012	\$523,020	\$ 353,844.01	CMI	Water Chemistry	In Progress	Monitoring ambient water samples in over 31 Great Lakes tributary watershed
County of Oakland	Oakland	05/02/2011-09/30/2012	481289	2012	\$24,900	\$ 3,154.18	CMI	Beach Monitoring	In Progress	Monitoring bacteria at public beaches
Friends of the Cass River - Incorrect recipient name - Group is "Cass River Greenway"	Tuscola	09/01/2011-09/30/2013	481281	2012	\$43,456	\$ 37,569.68	CMI	Water Chemistry	In Progress	Monitor local water quality.
Chippewa County Health Dept.	Chippewa	05/01/2009-04/30/2010	481139	2012	\$9,923	\$ 9,923.46	CMI	Monitoring	Completed	St. Mary's E. Coli Monitoring.
Great Lakes Commission	Washtenaw	12/01/2009-09/30/2014	481019	2012	\$240,000	\$ 205,699.66	CMI	Volunteer Monitoring	In Progress	Administer the Michigan Clean Water Corps volunteer monitoring program
Wisconsin State Laboratory of Hygiene	NA*	09/01/2012-08/31/2017	480621	2012	\$200,000	\$ 54,950.75	CMI	Water Chemistry	In Progress	Analyze Water Samples

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Great Lakes Environmental Center Inc.	Grand Traverse	10/01/2008-08/31/2012	480563	2012	\$800,000	\$ 800,000.00	CMI	Water Chemistry	In Progress	Sample collection, sample analysis, date analysis, and reporting
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	07/24/2010 - 09/30/2011		2012	\$270,000	\$ 270,000.00	CMI	Stream Flow	Completed	Collect flow data on MI rivers and streams.
Michigan Department of Community Health	Ingham	10/01/2011-09/30/2012		2012	\$109,858	\$ 109,858.00	CMI	Fish Contaminants	Completed	Analyze fish tissues for contaminants.
District Health Department #2	Alcona, Iosco, Ogemaw, Oscoda	06/01/2011 - 09/30/2012	481293	2012	\$30	\$ 29.99	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
Ingham Conservation District	Ingham	09/15/2012-09/15/2014	481360	2012	\$24,731	\$ 11,296.37	CMI	Water Chemistry	In Progress	E. coli, DO, and TSS sampling
Saginaw Valley State University	Bay	09/15/2012-09/15/2014	481361	2012	\$26,185	\$ 11,470.73	CMI	Water Chemistry	In Progress	E. coli, common water chemistry parameters, benthic species diversity
Trout Unlimited	Kent	09/15/2012-09/15/2014	481362	2012	\$30,000	\$ 13,922.93	CMI	Water Chemistry	In Progress	Habitat, water quality, and biota sampling
Tip of the Mitt Watershed Council	Charlevoix	09/15/2012-09/15/2014	481363	2012	\$30,000	\$ 8,812.03	CMI	Water Chemistry	In Progress	Common water quality parameters and discharge sampling
Barry Soil & Water Conservation	Barry	09/15/2012-09/15/2014	481364	2012	\$24,533	\$ 13,539.00	CMI	Water Chemistry	In Progress	E. coli sampling
Western Michigan University	Kalamazoo	09/15/2012-09/15/2014	481365	2012	\$54,400	\$ 28,899.20	CMI	Water Chemistry	In Progress	Common water quality parameters and flow sampling
Chippewa County Health Dept.	Chippewa	09/15/2012-09/15/2014	481366	2012	\$60,151	\$ 4,400.00	CMI	Water Chemistry	In Progress	Bacterial source tracking in the Waiaka Bay, Chippewa County
Clemson University	N/A*	09/01/2008-09/30/2013	481107	2012	\$138,000	\$ 106,410.88	CMI	Wildlife Contaminants	In Progress	PCB/Hg analysis of bald eagle plasma/feathers and herring gull eggs.
Michigan Department of Environmental Quality - Environmental Lab	Ingham	10/01/2011-09/30/2012		2012	\$250,000	\$ 250,000.00	CMI	Water Chemistry	Completed	Analyze Water Samples
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	10/01/2010-09/30/2011	DEQ-OFM	2011	\$145,000	\$ 145,000.00	CMI	Stream Flow	Completed	Collect flow data on MI rivers and streams.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	07/24/2010-12/31/2012	481018/N1300011	2011	\$505,967	\$ 505,967.02	CMI	Water Chemistry	In Progress	Monitoring ambient water samples in over 31 Great Lakes tributary watershed
County of Wayne	Wayne	06/13/2009-09/30/2010	481294	2011	\$19,000	\$ 18,926.29	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
District Health Department #2	Alcona, Iosco, Ogemaw, Oscoda	06/1/2011 - 09/30/2012	481293	2011	\$24,900	\$ 24,870.00	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
County of Chippewa	Chippewa	06/13/2011-09/30/2012	481292	2011	\$7,700	\$ 7,700.00	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
County of Macomb	Macomb	04/04/2011-09/30/2012	481291	2011	\$2,606	\$ 2,606.00	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
County of Oakland	Oakland	05/02/2011-09/30/2012	481289	2011	\$24,900	\$ 24,900.00	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
District Health Department #4	Alcona, Iosco, Ogemaw, Oscoda	05/02/2011-09/30/2012	481287	2011	\$7,700	\$ 7,700.00	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
Central Michigan District Health Dept.	Arenac, Clare, Gladwin, Isabella, Osceola, Roscommon	06/13/2011-09/30/2012	481286	2011	\$23,000	\$ 22,958.50	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
Southwestern Michigan Commission - Southwest Michigan Planning Commission in NPS database	Van Buren	09/01/2011-09/30/2013	481285	2011	\$48,680	\$ 44,017.85	CMI	Water Chemistry	In Progress	Bacteria source tracking investigation.
Alliance of Rouge Communities	Wayne - Oakland is listed in the NPS	09/01/2011-09/30/2013	481284	2011	\$37,421	\$ 36,305.43	CMI	Water Chemistry	In Progress	Water Chemistry in the Rouge River Watershed.
Jackson County Soil and Water Conservation District - Jackson Conservation District in the NPS database	Jackson	09/01/2011-09/30/2012	481283	2011	\$39,403	\$ 32,833.00	CMI	Water Chem/biota	In Progress	Monitor local water quality.
County of Muskegon - Muskegon Conservation District in NPS database	Muskegon	09/01/2011-09/30/2013	481282	2011	\$64,943	\$ 64,943.35	CMI	Water Chemistry	In Progress	Watershed monitoring project for the White River.
Schrems West Michigan Trout Unlimited	Kent	09/01/2011-09/30/2013	481280	2011	\$15,500	\$ 15,499.88	CMI	Water Chem/biota	In Progress	Monitor local water quality.
County of Wexford	Wexford	05/02/2011-09/30/2012	481279	2011	\$10,400	\$ 10,391.82	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
County of Ottawa	Ottawa	05/02/2011-09/30/2012	481278	2011	\$22,698	\$ 21,714.09	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
County of Washtenaw	Washtenaw	06/13/2011-09/30/2012	481278	2011	\$9,270	\$ 8,381.71	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.

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County of Houghton/Western Upper Peninsula District Health Dept	Baraga, Gogebic, Houghton,	06/13/2011-09/30/2012	481277	2011	\$9,545	\$ 9,545.00	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
Chippewa County Health Dept.	Chippewa	06/13/2011-09/30/2012	481211	2011	\$7,700	\$ 680.43	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
Macatawa Area Coord. Council	Ottawa	06/01/2010-06/30/2012	481191	2011	\$50,055	\$ 49,633.56	CMI	Water Chemistry	In Progress	Monitor local water quality.
Michigan State University	Ingham	06/01/2009-05/31/2011	480502	2011	\$223,813	\$ 106,212.40	CMI	Water Chemistry	In Progress	Monitor local water quality.
Clemson University	N/A*	09/01/2008-09/30/2013	481107	2011	\$291,388	\$ 269,000.00	CMI	Wildlife Contaminants	In Progress	PCB/Hg analysis of bald eagle plasma/feathers and herring gull eggs.
Great Lakes Commission	Washtenaw	12/01/2009-09/30/2014	481019	2011	\$206,034	\$ 206,033.78	CMI	Volunteer Monitoring	In Progress	Administer the Michigan Clean Water Corps volunteer monitoring program
Barry-Eaton District Health Dept.	Barry, Eaton	06/13/2011-09/30/2012	481296	2011	\$8,546	\$ 8,531.00	CMI	Beach Monitoring	In Progress	Monitor bacteria levels at public beaches.
Michigan Department of Community Health	Ingham	10/01/2010-09/30/2011		2011	\$27,490	\$ 27,490.00	CMI	Fish Contaminants	Completed	Analyze fish tissues for contaminants.
Michigan Department of Environmental Quality - Environmental Lab	Ingham	10/01/2010-09/30/2011		2011	\$207,477	\$ 207,476.50	CMI	Water Chemistry	Completed	Analyze Water Samples
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	10/01/2009-09/30/2010		2010	\$145,000	\$ 145,000.00	CMI	Stream Flow	Completed	Collect flow data on MI rivers and streams.
Great Lakes Commission	Washtenaw	04/30/2010-09/30/2014		2010	\$216,025	\$ 182,203.18	CMI	Volunteer Monitoring	In Progress	Administer the Michigan Clean Water Corps volunteer monitoring program
Chippewa County Health Dept.	Chippewa	06/01/2010-04/30/2011	481195	2010	\$23,000	\$ 17,805.36	CMI	Water Chemistry	In Progress	St. Mary's E. Coli Monitoring.
Delhi Charter Township	Ingham	08/15/2010 - 08/15/2012	481194	2010	\$21,557	\$ 21,557.40	CMI	Water Chemistry	In Progress	Local monitoring Upper Grand and Red Cedar River
Clinton County Soil Conservation District	Clinton	06/01/2010-06/30/2012	481193	2010	\$29,200	\$ 28,444.20	CMI	Water Chemistry	In Progress	Stream bank Erosion Study Looking Glass and Maple River Watersheds
Grand Traverse Bay Watershed Initiative	Grand Traverse	06/01/2010-06/30/2012	481192	2010	\$27,438	\$ 27,438.00	CMI	Water Chemistry	In Progress	Monitor local water quality.
Macatawa Area Coord. Council	Ottawa	06/01/2010-06/30/2012	481191	2010	\$400	\$ 386.96	CMI	Water Chemistry	In Progress	Monitor local water quality.
The Forum For Kalamazoo County	Kalamazoo	06/01/2010-06/30/2012	481190	2010	\$47,779	\$ 34,516.72	CMI	Water Chemistry	In Progress	Monitor local water quality.
County of Kalamazoo	Kalamazoo	09/01/2010-09/30/2012	481189	2010	\$34,000	\$ 31,070.02	CMI	Water Chemistry	In Progress	Kalamazoo and St. Joe source tracking
Northwest MI Community Health Agency/County of Charlevoix	Emmet, Otsego, Charlevoix, Antrim	duplicate entry for 2009?	481130	2010	\$950	\$ 950.26	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Michigan Department of Community Health	Ingham	10/01/2009-09/30/2010	481101	2010	\$102,899	\$ 102,899.00	CMI	Fish Contaminants	Completed	Analyze fish tissues for contaminants.
Clemson University	N/A*	09/01/2008-09/30/2012	481058	2010	\$4,836	\$ 4,836.19	CMI	Wildlife Contaminants	In Progress	PCB/Hg analysis of bald eagle plasma/feathers and herring gull eggs.
Michigan State University	Ingham	10/01/2009-09/30/2010	481051	2010	\$11	\$ 11.11	CMI	Water Chemistry	Completed	Monitor local water quality.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	07/24/2010-07/23/2011	481018	2010	\$352,000	\$ 309,059.12	CMI	Water Chemistry	In Progress	Monitor water quality in selected rivers.
Michigan Department of Environmental Quality - Environmental Lab	Ingham	10/01/2009-09/30/2010		2010	\$200,000	\$ 200,000.00	CMI	Water Chemistry	Completed	Analyze Water Samples
Glen Lake Association, Inc.	Leelanau	06/01/2010 - 06/30/2012	481196	2010	\$14,294	\$ 14,290.51	CMI	Water Chemistry	In Progress	Critical contaminant monitoring project.
Michigan Technological University	Houghton	09/01/2009-08/31/2011	481145	2009	\$61,104	\$ 60,896.11	CMI	Water Chemistry	In Progress	Monitor local water quality.
Grand Valley State University	Muskegon	06/01/2009-05/31/2011	481144	2009	\$50,346	\$ 50,346.00	CMI	Water Chemistry	Completed	Monitor for emerging problems.
County of Muskegon	Muskegon	06/01/2009-07/31/2011	481143	2009	\$46,500	\$ 43,360.33	CMI	Water Chemistry	In Progress	Monitor local water quality.
Michigan State University	Ingham	06/01/2009-05/31/2011	481142	2009	\$23,680	\$ 23,644.18	CMI	Water Chemistry	Completed	Monitor local water quality.
Macatawa Area Coord. Council	Ottawa	06/01/2009-09/31/2012	481141	2009	\$32,158	\$ 32,068.75	CMI	Water Chemistry	In Progress	Monitor local water quality.

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Huron Pines Resource Conservation & Dev	Huron	06/01/2009-05/21/2011	481140	2009	\$12,880	\$ 12,879.40	CMI	Water Chemistry	Completed	Monitor local water quality.
Chippewa County Health Dept.	Chippewa	05/01/2009-04/30/2010	481139	2009	\$19,000	\$ 2,675.95	CMI	Monitoring	Completed	St. Mary's E. Coli Monitoring.
Grand Valley State University	Muskegon	06/01/2009-12/31/2011	481138	2009	\$30,248	\$ 38,758.21	CMI	Water Chemistry	Completed	Monitor local water quality.
District Health Department #2	Alcona, Iosco, Ogemaw, Oscoda	05/01/2009-09/30/2010	481132	2009	\$24,697	\$ 24,697.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Central Michigan District Health Dept	Arenac, Clare, Gladwin, Isabella,	05/01/2009-09/30/2010	481131	2009	\$22,424	\$ 22,424.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Northwest MI Community Health Agency/County of Charlevoix	Emmet, Otsego, Charlevoix, Antrim	06/01/2009-09/30/2010	481130	2009	\$19,394	\$ 18,443.75	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
County of Genesee	Genesee	05/01/2009-09/30/2010	481129	2009	\$17,121	\$ 17,121.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
County of Muskegon	Muskegon	04/01/2009-09/30/2010	481128	2009	\$16,364	\$ 16,364.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
County of Ottawa	Ottawa	05/01/2009-09/30/2010	481126	2009	\$11,061	\$ 9,557.02	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
County of Wayne	Wayne	06/01/2009-09/30/2010	481125	2009	\$10,304	\$ 10,281.43	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
District Health Department #4	Alpena, Cheboygan,	05/01/2009-09/30/2010	481124	2009	\$10,303	\$ 10,296.98	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
County of Houghton/Western Upper Peninsula District Health Dept	Baraga, Gogebic, Houghton,	06/01/2009-09/30/2010	481123	2009	\$9,546	\$ 9,005.74	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Chippewa County Health Dept.	Chippewa	06/01/2008-09/30/2008	481122	2009	\$9,545	\$ 8,818.82	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
County of Wexford	Wexford	05/01/2009-09/30/2010	481121	2009	\$9,454	\$ 9,453.79	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
L-M-A-S	Luce, Mackinaw, Alger, Schoolcraft	04/01/2009-09/30/2010	481120	2009	\$12,576	\$ 12,575.99	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Barry-Eaton District Health Dept.	Barry, Eaton	06/01/2009-09/30/2010	481119	2009	\$8,030	\$ 7,157.86	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
County of Macomb	Macomb	04/01/2009-09/30/2010	481118	2009	\$6,515	\$ 6,515.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Clemson University	N/A*	09/01/2008-09/30/2012	481107	2009	\$21,000	\$ 21,000.00	CMI	Wildlife Contaminants	In Progress	PCB/Hg analysis of bald eagle plasma/feathers and herring gull eggs.
Michigan Department of Community Health	Ingham	10/01/2008-09/30/2009	481101	2009	\$92,000	\$ 91,900.00	CMI	Fish Contaminants	Completed	Analyze fish tissues for contaminants.
Clemson University	N/A*	09/01/2008-09/30/2012	481058	2009	\$159,713	\$ 28,713.00	CMI	Wildlife Contaminants	In Progress	Analysis of contaminant levels in herring gull eggs.
Great Lakes Commission	Washtenaw	09/01/2009-09/30/2014	481019	2009	\$126,535	\$ 126,535.00	CMI	Volunteer Monitoring	In Progress	Administer the Michigan Clean Water Corps volunteer monitoring program
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	09/22/2008-12/31/2011	481018	2009	\$311,040	\$ 309,198.99	CMI	Lake Monitoring	In Progress	Implement the Lake Water Quality Assessment Program
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	10/01/2008-09/30/2009	481018	2009	\$145,000	\$ 145,000.00	CMI	Stream Flow	Completed	Collect flow data from MI rivers and streams
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	05/05/2005-05/14/2010	481018	2009	\$352,000	\$ 240,970.86	CMI	Water Chemistry	In Progress	Monitor water quality in selected inland rivers.
Wisconsin State Laboratory of Hygiene	NA*	10/01/2008-09/30/2011	480621	2009	\$209,000	\$ 65,751.85	CMI	Water Chemistry	Completed	Analyze Water Samples
Great Lakes Environmental Center Inc.	Grand Traverse	10/01/2008-08/31/2012	480563	2009	\$800,000	\$ 773,003.24	CMI	Water Chemistry	In Progress	Sample collection, sample analysis, date analysis, and reporting
Michigan Department of Environmental Quality - Environmental Lab	Ingham	10/01/2008-09/30/2009		2009	\$200,000	\$ 199,999.50	CMI	Water Chemistry	Completed	Analyze Water Samples
Chippewa County Health Dept.	Chippewa	06/01/2008-09/30/2008	481097/481090	2008	\$5,800	\$ 4,672.71	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Clemson University	N/A*	09/01/2008-09/30/2012	481026/481107	2008	\$171,000	\$ 171,000.00	CMI	Wildlife Contaminants	In Progress	PCB/Hg analysis of bald eagle plasma/feathers and herring gull eggs.
Chippewa County Health Dept.	Chippewa	05/12/2008-12/31/2008	480787/4481084	2008	\$14,732	\$ 11,055.43	CMI	Water Chemistry	Completed	St. Mary's E. Coli Monitoring.
Grand Valley State University-Annis Water Resources Institute	Muskegon	06/1/2008-03/31/2010	480502/481087	2008	\$28,997	\$ 25,432.79	CMI	Water Chemistry	Completed	Water and Sediment Chemistry in the Mona Lake Watershed.

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County of St. Joseph Park & Recreation Department	St. Joseph	04/1/2008-09/30/2008	481098	2008	\$7,000	\$ 5,016.57	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
District Health Department #2	Alcona, Iosco, Ogemaw, Oscoda	06/1/2008-09/30/2008	481091	2008	\$16,220	\$ 15,935.54	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Grand Traverse Bay Watershed Initiative	Grand Traverse	07/1/2008-03/31/2010	481086	2008	\$34,597	\$ 34,591.71	CMI	Water Chemistry	Completed	Grand Traverse Bay Macrophyte Bed and Sediment Survey.
Huron River Watershed Council	Washtenaw	06/1/2008-03/31/2010	481085	2008	\$59,773	\$ 59,267.55	CMI	Water Chemistry	Completed	Water Chemistry in the Huron River Watershed.
Michigan State University - Michigan Natural Features Inventory	Ingham	06/01/2008-03/31/2010	481083	2008	\$107,109	\$ 107,109.26	CMI	Water Chemistry	Completed	Emerging issue monitoring on Saginaw Bay Watershed
Regents of the University of Michigan	Washtenaw	06/1/2008-03/31/2010	481082	2008	\$40,000	\$ 40,000.00	CMI	Water Chemistry	Completed	Emerging Issues Monitoring in Lakes.
County of Charlevoix/Northwest MI Community Health Agency	Emmet, Otsego, Charlevoix, Antrim	05/1/2008-09/30/2008	481076	2008	\$7,465	\$ 7,465.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
County of Houghton/Western Upper Peninsula District Health Dept	Baraga, Gogebic, Houghton,	05/1/2008-09/30/2008	481066	2008	\$5,800	\$ 5,800.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Barry-Eaton District Health Dept.	Barry, Eaton	05/1/2008-09/30/2008	481055	2008	\$6,999	\$ 6,919.99	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
County of Huron	Huron	06/1/2008-09/30/2008	481044	2008	\$10,000	\$ 10,000.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches in shallow water.
Great Lakes Commission	Washtenaw	05/23/2008-09/01/2009	481019	2008	\$204,608	\$ 181,459.71	CMI	Volunteer Monitoring	Completed	Administer the Michigan Clean Water Corps volunteer monitoring program
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	09/22/2008-12/31/2009	481018	2008	\$305,300	\$ 305,300.00	CMI	Inland Lake Monitoring	Completed	Implement the Lake Water Quality Assessment Program
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	05/15/2005-05/15/2010	481018	2008	\$352,000	\$ 352,000.00	CMI	Water Chemistry	Completed	Monitor water quality in selected inland rivers
Michigan State University	Ingham	02/15/2005-09/30/2009	481017	2008	\$110,070	\$ 110,070.00	CMI	Wildlife Contaminants	Completed	PCB/Hg analysis of bald eagle plasma and feathers.
Michigan Department of Environmental Quality - Environmental Lab	N/A*	10/01/2007-09/30/2008	481017	2008	\$4,085	\$ 4,084.78	CMI	Water Chemistry and Fish Contaminants	Completed	Fish and water sample analysis.
Central Michigan District Health Department	Arenac, Clare, Gladwin, Isabella,	06/1/2008-09/30/2008	480812	2008	\$13,800	\$ 13,543.58	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Michigan Department of Community Health	N/A*	10/01/2007-09/30/2008	480637	2008	\$51,720	\$ 51,720.00	CMI	Fish Contaminants	Completed	Analyze fish tissues for contaminants.
County of Wexford	Wexford	05/01/2008-9/30/2008	480621	2008	\$5,932	\$ 5,902.98	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Great Lakes Environmental Center Inc.	Grand Traverse	10/01/2008-08/31/2012	480563	2008	\$800,000	\$ 800,000.00	CMI	Water Chemistry	In Progress	Sample collection, sample analysis, date analysis, and reporting
County of Muskegon	Muskegon	05/1/2008-09/30/2008	480502	2008	\$7,983	\$ 7,982.53	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
District Health Department #4	Alpena, Cheboygan,	05/1/2008-09/30/2008	480043	2008	\$5,500	\$ 4,669.82	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
County of Ottawa	Ottawa	05/1/2008-09/30/2008	480043	2008	\$6,845	\$ 6,544.48	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
County of Genesee	Genesee	05/1/2008-09/30/2008		2008	\$8,000	\$ 8,000.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	10/01/2007-09/30/2008		2008	\$145,000	\$ 145,000.00	CMI	Stream Flow	Completed	Collect flow data on MI rivers and streams
Michigan Department of Environmental Quality - Environmental Lab	Ingham	10/01/2007-09/30/2008		2008	\$200,456	\$ 200,456.00	CMI	Water Chemistry	Completed	Sample analysis.
Michigan State University	Ingham	10/01/2008-09/19/2012		2008	\$196,000	\$ 196,000.00	CMI	Sediment Chemistry	In Progress	Collect and analyze sediment core samples from inland lakes
County of Macomb	Macomb	04/01/2008-9/30/2008		2008	\$4,000	\$ 4,000.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Wisconsin State Laboratory of Hygiene	NA*	10/01/2008-03/31/2009		2008	\$400,000	\$ 127,727.41	CMI	Water Chemistry	In Progress	Analysis of water samples
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	10/01/2006-09/30/2007	DEQ-OFM	2007	\$145,000	\$ 145,000.00	CMI	Stream Flow	Completed	Collect flow data on MI rivers and streams.
Great Lakes Environmental Center	Grand Traverse	09/01/2006-08/31/2011	481081/480563	2007	\$800,000	\$ 800,000.00	CMI	General	In Progress	Assist the MDEQ with water and sediment monitoring, data analysis, and reporting.
Michigan State University	Ingham	09/15/2006-09/19/2011	481019/480502	2007	\$288,900	\$ 288,900.00	CMI	Sediment Chemistry	In Progress	Collect/analyze sediment cores from inland lakes.

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Grand Valley State University	Muskegon	06/01/2007-09/30/2009	480761/481062	2007	\$59,860	\$ 55,945.59	CMI	Water Chemistry	Completed	Monitor for emerging problems.
County of Ottawa	Ottawa	05/01/2007-10/31/2007	481098	2007	\$7,354	\$ 5,788.45	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Triangle Laboratories, Inc.	N/A*	10/01/2006-09/30/2007	481096	2007	\$39,525	\$ 39,525.00	CMI	Fish Contaminants	Completed	Analyze fish tissues for contaminants.
Chippewa County Health Dept.	Chippewa	05/01/2007-12/31/2007	481093	2007	\$18,717	\$ 17,639.80	CMI	Water Chemistry	Completed	St. Mary's E. Coli Monitoring.
Michigan State University	Ingham	02/15/2005-09/30/2007	481087	2007	\$110,070	\$ 110,070.00	CMI	Wildlife Contaminants	Completed	PCB/Hg analysis of bald eagle plasma and feathers.
County of Wayne	Wayne	05/01/2007-11/30/2007	481073	2007	\$7,985	\$ 7,985.28	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Chippewa County Health Dept.	Chippewa	06/01/2007-10/31/2007	481069	2007	\$7,489	\$ 4,386.95	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Regents of the University of Michigan	Washtenaw	06/01/2007-09/30/2009	481063	2007	\$81,345	\$ 58,739.47	CMI	Water Chemistry	Completed	Monitor Hg air deposition to surface water.
Western Upper Peninsula District Health Dept/County of Houghton	Baraga, Gogebic, Houghton,	06/01/2007-10/31/2007	481057	2007	\$7,104	\$ 7,103.50	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Northwest MI Community Health Agency/County of Charlevoix	Emmet, Otsego, Charlevoix, Antrim	06/01/2007-10/31/2007	481034	2007	\$7,000	\$ 7,000.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Great Lakes Commission	Washtenaw	Added To Existing Contract	481019	2007	\$180,000	\$ 179,608.12	CMI	Volunteer Monitoring	Completed	Administer volunteer monitoring activities.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	05/15/2005-12/31/2008	481018	2007	\$352,000	\$ 352,000.00	CMI	Water Chemistry	Completed	Monitor water quality in selected inland rivers.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	09/01/2006-12/31/2007	481008	2007	\$319,260	\$ 319,260.00	CMI	Inland Lakes	Completed	Monitor water quality in selected inland lakes.
County of Genesee	Genesee	04/01/2007-10/31/2007	480817	2007	\$7,489	\$ 7,488.96	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
District Health Department #4	Alpena, Cheboygan,	06/1/2007-10/31/2007	480811	2007	\$7,303	\$ 6,334.57	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Michigan Department of Environmental Quality - Environmental Lab	Ingham	10/01/2006-09/30/2007	480810	2007	\$274,058	\$ 274,057.50	CMI	Water Chemistry	Completed	Sample analysis.
County of Macomb	Macomb	04/01/2007-10/31/2007	480797	2007	\$6,000	\$ 5,913.20	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
ICF Consulting Serv.	N/A*	10/01/2002-12/31/2007	480725	2007	\$62,000	\$ 18,150.00	CMI	Fish Contaminants	Completed	Analyze caged fish for contaminants.
District Health Department #2	Alcona, Iosco, Ogemaw	06/01/2007-11/30/2007	480641	2007	\$7,737	\$ 7,737.12	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Wisconsin State Laboratory of Hygiene	N/A*	02/15/2002-03/31/2008	480621	2007	\$300,000	\$ 300,000.00	CMI	Water Chemistry	In Progress	Analysis of water samples for metals, PCBs.
County of Wexford	Wexford	05/01/2007-10/31/2007	480621	2007	\$5,935	\$ 5,935.22	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Tetra Tech Inc	N/A*	10/01/2006-09/30/2006	480534	2007	\$2,885	\$ 2,284.76	CMI	Water Chemistry	Completed	Mercury research workshop.
County of Muskegon	Muskegon	04/01/2007-10/31/2007	480503	2007	\$9,375	\$ 9,374.97	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Central Michigan District Health Dept.	Arenac, Clare, Gladwin, Isabella,	05/01/2007-10/31/2007		2007	\$11,357	\$ 11,259.04	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Barry-Eaton District Health Dept.	Barry, Eaton	05/01/2007-09/30/2007		2007	\$7,737	\$ 6,012.33	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	10/01/2005-09/30/2006	DEQ-OFM	2006	\$145,000	\$ 145,000.00	CMI	Stream Flow	Completed	Collect flow data on MI rivers and streams.
MDEQ - Mercury Workshop	Ingham	06/14/2006-06/15/2006	481031?	2006	\$506	\$ 1,329.83	CMI	Water Chemistry	Completed	Convene experts to review mercury levels, sources, and impacts on Michigan surface
Clemson University	N/A*	08/01/2006-09/30/2010	481025/481058	2006	\$122,000	\$ 117,163.81	CMI	Wildlife Contaminants	In Progress	Analysis of contaminant levels in herring gull eggs.
Grand Valley State University	Muskegon	06/01/2006-09/30/2008	480725/481048	2006	\$68,336	\$ 63,412.56	CMI	Water Chemistry	Completed	Monitor for emerging problems.
Michigan State University	Ingham	06/01/2006-09/30/2008	480568/481050	2006	\$73,115	\$ 62,061.38	CMI	Water Chemistry	Completed	Monitor for emerging problems.
MDCH/Triangle Laboratories, Inc./MDCH	N/A*	10/01/2005-09/30/2006	481075	2006	\$15,875	\$ 15,875.00	CMI	Fish Contaminants	Completed	Analyze fish tissues for contaminants.

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Michigan State University	Ingham	06/01/2006-09/30/2009	481051	2006	\$60,000	\$ 59,988.89	CMI	Water Chemistry	Completed	Monitor local water quality.
City of Gladstone	Delta	06/01/2006-09/30/2008	481049	2006	\$14,431	\$ 10,307.68	CMI	Water Chemistry	Completed	Monitor for emerging problems.
Michigan State University	Ingham	02/15/2005-09/30/2007	481048	2006	\$110,070	\$ 110,070.00	CMI	Wildlife Contaminants	Completed	PCB/Hg analysis of bald eagle plasma and feathers.
Grand Valley State University	Muskegon	06/01/2006-09/30/2008	481047	2006	\$34,930	\$ 27,403.85	CMI	Water Chemistry	Completed	Monitor local water quality.
Chippewa County Health Dept.	Chippewa	06/01/2006-11/30/2006	481046	2006	\$24,799	\$ 24,798.82	CMI	Water Chemistry	Completed	St. Mary's E. Coli Monitoring.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	05/15/2005-12/31/2007	481018	2006	\$352,000	\$ 352,000.00	CMI	Water Chemistry	Completed	Monitor water quality in selected inland rivers.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	09/01/2006-12/31/2007	481008	2006	\$313,860	\$ 313,860.00	CMI	Inland Lakes	Completed	Monitor water quality in selected inland lakes.
Chippewa County Health Dept.	Chippewa	05/01/2006-11/30/2006	480813	2006	\$12,415	\$ 9,626.36	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
County of Genesee	Genesee	05/01/2006-11/30/2006	480809	2006	\$11,000	\$ 11,000.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Wisconsin State Laboratory of Hygiene	N/A*	02/15/2002-03/31/2009	480804	2006	\$160,000	\$ 160,000.00	CMI	Water Chemistry	In Progress	Analysis of water samples for metals, PCBs.
Barry-Eaton District Health Dept.	Barry, Eaton	06/01/2005-09/30/2006	480802	2006	\$5,669	\$ 5,586.78	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Peavey Corporation - ERROR***	N/A*		480800	2006	\$0	\$ 80.98	CMI			ERROR.
County of Macomb	Macomb	05/01/2006-11/30/2006	480788	2006	\$8,039	\$ 8,038.54	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
County of Ottawa	Ottawa	05/01/2006-11/30/2006	480636	2006	\$12,122	\$ 8,525.68	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
District Health Department #2	Alcona, Iosco, Ogemaw	05/01/2006-11/30/2006	480631	2006	\$30,342	\$ 30,341.98	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
County of Wexford	Wexford	06/01/2005-10/31/2006	480621	2006	\$2,809	\$ 2,809.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Michigan Department of Environmental Quality - Environmental Lab	Ingham	10/01/2005-09/30/2006	480620	2006	\$197,487	\$ 197,478.01	CMI	Water Chemistry	Completed	Sample analysis.
Michigan State University	Ingham	09/15/2006-09/19/2011	480568	2006	\$147,000	\$ 147,000.00	CMI	Water Chemistry	In Progress	Collect/analyze sediment cores from inland lakes.
Great Lakes Environmental Center	Grand Traverse	09/01/2006-08/31/2011	480563	2006	\$875,890	\$ 875,889.81	CMI	Water, Sediment	In Progress	Assist the MDEQ with water and sediment monitoring, data analysis, and reporting.
Macomb County Health Department	Macomb	06/01/2006-09/30/2008	480541	2006	\$25,000	\$ 24,700.00	CMI	Water Chemistry	Completed	Monitor for emerging problems.
District Health Department #4	Alpena, Cheboygan,	05/01/2006-11/30/2006	480536	2006	\$13,020	\$ 8,179.03	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
ICF Consulting Serv.	N/A*	10/01/2002-12/31/2007	480502	2006	\$50,000	\$ 43,279.48	CMI	Fish Contaminants	Completed	Analyze caged fish for contaminants.
Northwest MI Community Health Agency/County of Charlevoix	Emmet, Otsego, Charlevoix, Antrim	05/01/2006-11/30/2006		2006	\$6,938	\$ 6,938.25	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Great Lakes Commission	Washtenaw	Added To Existing Contract		2006	\$180,000	\$ 179,778.11	CMI	Volunteer Monitoring	Completed	Administer volunteer monitoring activities.
Alliance of Rouge Communities	Wayne	06/01/2006-09/30/2008		2006	\$50,000	\$ 49,805.66	CMI	Water Chemistry	Completed	Water Chemistry in the Rouge River Watershed.
County of Wayne	Wayne	05/01/2006-11/30/2006		2006	\$15,308	\$ 15,308.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Michigan State University	Ingham	07/01/2005-09/30/2007	N/A	2005	\$57,516	\$ 44,946.89	CMI	Water Chemistry	Completed	Monitor for emerging problems.
County of Macomb	Macomb	07/01/2005-09/30/2007	N/A	2005	\$57,810	\$ 57,810.00	CMI	Water Chemistry	Completed	Monitor local water quality.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	10/01/2004-09/30/2005	DEQ-OFM	2005	\$145,000	\$ 108,750.00	CMI	Stream Flow	Completed	Collect flow data on MI rivers and streams.
Michigan State University	Ingham	07/01/2005-09/30/2007	481022/481026	2005	\$69,301	\$ 69,222.51	CMI	Water Chemistry	Completed	Monitor for emerging problems.
Michigan State University	Ingham	09/12/2001-09/30/2006	480798/480502	2005	\$140,909	\$ 140,483.73	CMI	Sediment	Completed	Collect/analyze sediment cores from inland lakes.

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County of Kalamazoo	Kalamazoo	06/01/2005-12/31/2006	480563-03	2005	\$49,813	\$ 44,207.72	CMI	Beach Monitoring	Completed	Monitor for emerging problems.
Barry-Eaton District Health Dept.	Barry, Eaton	06/01/2005-09/30/2006	481093	2005	\$10,000	\$ 10,000.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Michigan Department of Environmental Quality - Environmental Lab	Ingham	10/01/2004-09/30/2005	481091	2005	\$229,038	\$ 229,037.87	CMI	Water Chemistry	Completed	Sample analysis.
Three Lakes Association	Antrim	07/01/2005-09/30/2007	481089	2005	\$79,886	\$ 79,886.00	CMI	Water Chemistry	Completed	Monitor local water quality.
District Health Department #4	Alpena, Cheboygan,	07/31/2005-10/31/2005	481088	2005	\$8,000	\$ 7,295.47	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Central Michigan District Health Dept.	Arenac, Clare, Gladwin, Isabella,	07/01/2005-10/31/2006	481065	2005	\$20,771	\$ 20,738.92	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Michigan State University	Ingham	09/15/2002-09/30/2006	481048	2005	\$61,000	\$ 35,518.16	CMI	Wildlife Contaminants	Completed	PCB/Hg analysis of herring gull eggs.
Michigan State University	Ingham	02/15/2005-09/30/2007	481047	2005	\$110,070	\$ 110,070.00	CMI	Wildlife Contaminants	Completed	PCB/Hg analysis of bald eagle plasma and feathers.
District Health Department #2	Alcona, Iosco, Ogemaw	07/01/2005-12/31/2005	481043	2005	\$6,500	\$ 6,125.46	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Macomb County Health Department	Macomb	09/01/2004-10/31/2005	481042	2005	\$1,406	\$ 1,406.17	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Western Upper Peninsula District Health Dept/County of Houghton	Baraga, Gogebic, Houghton,	07/01/2005-09/30/2006	481041	2005	\$5,000	\$ 5,000.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Friends of the Looking Glass River	Clinton	09/13/2001-12/31/2004	481024	2005	\$35	\$ 34.87	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	09/01/2005-12/31/2006	481008	2005	\$302,000	\$ 302,000.00	CMI	Inland Lakes	Completed	Monitor water quality in selected inland lakes.
Northwest MI Community Health Agency/County of Charlevoix	Emmet, Otsego, Charlevoix, Antrim	06/27/2005-10/31/2005	480815	2005	\$5,000	\$ 5,000.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Central Michigan District Health Dept.	Arenac, Clare, Gladwin, Isabella,	07/01/2005-09/30/2007	480814	2005	\$62,000	\$ 61,335.57	CMI	Water Chemistry	Completed	Monitor local water quality.
Grand Valley State University	Muskegon	07/01/2005-09/30/2007	480761	2005	\$39,540	\$ 39,540.12	CMI	Water Chemistry	Completed	Monitor for emerging problems.
Great Lakes Environmental Center	Grand Traverse	07/05/2001-03/31/2007	480632	2005	\$740,000	\$ 382,915.68	CMI	Water, Sediment	In Progress	Assist the MDEQ with water and sediment monitoring, data analysis, and reporting.
County of Wexford	Wexford	06/01/2005-10/31/2006	480621	2005	\$4,729	\$ 4,728.95	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
County of Ottawa	Ottawa	04/01/2005-10/31/2006	480615	2005	\$5,000	\$ 5,000.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	05/15/2005-12/31/2006	480544	2005	\$352,000	\$ 352,000.00	CMI	Water Chemistry	Completed	Monitor water quality in selected inland rivers.
County of Muskegon	Muskegon	05/01/2005-09/30/2006	480502	2005	\$5,000	\$ 4,964.25	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
HAZWOPER - ERROR***	N/A*		480502	2005	\$0	\$ 80.00	CMI			ERROR.
ICF Consulting Serv.	N/A*	10/01/2002-12/31/2007	480502	2005	\$70,000	\$ 70,000.00	CMI	Fish Contaminants	Completed	Analyze caged fish for contaminants.
Great Lakes Commission	Washtenaw	09/01/2004-09/30/2009		2005	\$180,000	\$ 179,608.12	CMI	Volunteer Monitoring	Completed	Administer volunteer monitoring activities.
Three Lakes Association	Antrim	06/01/2004-12/31/2005	480806/480532	2004	\$61,623	\$ 61,623.00	CMI	Water Chemistry	Completed	Monitor local water quality.
City of Ann Arbor	Washtenaw	06/01/2004-12/31/2005	280655/280656	2004	\$26,000	\$ 26,000.00	CMI	Water Chemistry	Completed	Monitor for emerging problems.
Great Lakes Environmental Center	Grand Traverse	Added To Existing Contract	481100	2004	\$800,000	\$ 800,000.00	CMI	General	Completed	Assist the MDEQ with water and sediment monitoring, data analysis, and reporting.
District Health Department #4	Alpena, Cheboygan,	04/01/2004-10/31/2004	481064	2004	\$9,800	\$ 1,418.59	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Triangle Laboratories, Inc.	N/A*	10/01/2003-09/30/2004	481052	2004	\$70,000	\$ 11.21	CMI	Fish Contaminants	Completed	Analyze fish tissues for contaminants.
ICF Consulting Serv.	N/A*	10/01/2002-12/31/2007	481051	2004	\$70,000	\$ 70,000.00	CMI	Fish Contaminants	Completed	Analyze caged fish for contaminants.
Central Michigan District Health Dept	Arenac, Clare, Gladwin, Isabella,	04/01/2004-10/31/2004	481029	2004	\$38,118	\$ 38,117.57	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.

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Lake Superior State University	Chippewa	06/01/2004-12/31/2005	481023	2004	\$34,656	\$ 34,452.04	CMI	Water Chemistry	Completed	Monitor local water quality.
Michigan State University (Long)	Ingham	Added to Existing Contract	481019	2004	\$93,163	\$ 93,162.53	CMI	Sediment Chemistry	Completed	Collect/analyze sediment cores from inland lakes.
Michigan State University (Sikarskie)	Ingham	Added to Existing Contract	481019	2004	\$220,140	\$ 187,175.72	CMI	Wildlife Contaminants	Completed	PCB/Hg analysis of bald eagle plasma and feathers.
Macomb County Health Department	Macomb	06/01/2004-12/31/2005	480816	2004	\$24,898	\$ 24,897.81	CMI	Water Chemistry	Completed	Monitor for emerging problems.
Washtenaw County Drain Commissioner	Washtenaw	06/01/2004-12/31/2005	480803	2004	\$47,000	\$ 47,000.00	CMI	Water Chemistry	Completed	Monitor local water quality.
Wexford County Drain Commissioner	Wexford	04/01/2004-12/31/2004	480791	2004	\$4,428	\$ 4,196.52	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	01/01/2005-12/31/2005	480777	2004	\$276,180	\$ 276,096.55	CMI	Inland Lakes	Completed	Monitor water quality in selected inland lakes.
TriMatrix Laboratories, Inc.	Kent	01/24/2003-01/24/2007	480721	2004	\$26,000	\$ 26,000.00	CMI	Water, Inland Lakes	Completed	Sample analysis.
Mich. Lake & Stream Assoc	St. Joseph	04/01/2004-03/31/2005	480652	2004	\$24,950	\$ 24,950.00	CMI	Inland Lakes	Completed	Volunteer lake monitoring program.
Great Lakes Commission	Washtenaw	09/01/2004-09/30/2007	480639	2004	\$175,000	\$ 175,000.00	CMI	Volunteer Monitoring	Completed	Administer volunteer monitoring activities.
Northwest MI Community Health Agency/County of Charlevoix	Emmet, Otsego, Charlevoix, Antrim	04/01/2004-10/31/2004	480614	2004	\$8,440	\$ 8,370.99	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Westco Scientific	Ingham	10/01/2003-09/30/2004	480563	2004	\$5,805	\$ 5,805.00	CMI	Water Chemistry	Completed	Water chemistry analysis.
Kalamazoo Nature Center	Kalamazoo	06/01/2004-12/31/2005	480563	2004	\$86,997	\$ 86,872.70	CMI	Water Chemistry	Completed	Monitor local water quality.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	07/01/2004-09/30/2004	480544	2004	\$83	\$ 83.45	CMI	Inland Lakes	Completed	Inland lake water quality monitoring program.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	100/1/2003-09/30/2004	480544	2004	\$145,000	\$ 145,000.00	CMI	Stream Flow	Completed	Collect flow data on MI rivers and streams.
Western Upper Peninsula District Health Dept/County of Houghton	Baraga, Gogebic, Houghton,	04/01/2004-10/31/2004	480539	2004	\$9,115	\$ 9,183.57	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Leelanau Conservancy	Leelanau/Au	06/01/2004-12/31/2005	480538	2004	\$38,865	\$ 36,084.83	CMI	Water Chemistry	Completed	Monitor for emerging problems.
County of Muskegon	Muskegon	04/01/2004-10/31/2004	480514	2004	\$1,369	\$ -	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Grand Valley State University	Muskegon	06/01/2004-12/31/2006	480514	2004	\$30,982	\$ 27,238.13	CMI	Water Chemistry	Completed	Monitor local water quality.
City of Monroe	Monroe	06/01/2004-12/31/2005	480502	2004	\$13,000	\$ 13,000.00	CMI	Water Chemistry	Completed	Monitor for emerging problems.
Wayne County Health Dept	Wayne	04/01/2004-10/31/2004	480377	2004	\$15,236	\$ 15,235.50	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	01/1/2005-12/31/2005	280656	2004	\$100,000	\$ 100,000.00	CMI	Water Chemistry	Completed	Monitor water quality in selected inland rivers.
Chippewa County Health Dept.	Chippewa	04/01/2004-10/31/2004		2004	\$7,041	\$ 7,041.12	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
The Watershed Center Grand Traverse Bay	Grand Traverse	04/01/2004-10/31/2004		2004	\$7,736	\$ 4,892.80	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
City of Grand Rapids	Kent	06/01/2004-12/31/2005		2004	\$26,000	\$ 26,000.00	CMI	Water Chemistry	Completed	Monitor for emerging problems.
MSU extension-Sanilac County	Sanilac	09/15/2003-09/30/2005	NA	2003	\$1,663	\$ 1,662.55	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
Leelanau Conservancy	Leelanau/Au	09/15/2003-09/30/2005	N/A	2003	\$36,155	\$ 36,126.58	CMI	Water Chemistry	Completed	Monitor for emerging problems.
Barry-Eaton District Health Dept.	Barry, Eaton	09/01/2003-10/31/2004	481084/481090	2003	\$14,813	\$ 11,448.61	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
District Health Department #4	Alpena, Cheboygan,	09/01/2003-10/31/2004	481038 in error s/b 481028 - P5201155	2003	\$10,000	\$ 10,000.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Western Mich. University	Kalamazoo	09/15/2003-04/30/2006	480563-03	2003	\$43,000	\$ 40,500.00	CMI	Water Chemistry	Completed	Monitor for emerging problems.
Jackson Community College	Jackson	09/15/2003-09/30/2005	480563-02/ 480044-02	2003	\$11,993	\$ -	CMI	Volunteer Monitoring	Cancelled	Volunteer monitoring of wadable streams and rivers.

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Little Manistee Watershed Conservation	Manistee	09/15/2003-09/30/2005	481101	2003	\$5,064	\$ 3,194.00	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
County of Genesee	Genesee	09/01/2003-10/31/2004	481095	2003	\$10,000	\$ 10,000.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Wisconsin State Laboratory of Hygiene	N/A*	02/15/2002-03/31/2009	481082	2003	\$176,000	\$ 160,263.65	CMI	Water Chemistry	In Progress	Analysis of water samples for metals, PCBs.
Great Lakes Environmental Center	Grand Traverse	07/05/2001-09/30/2005	481074	2003	\$700,000	\$ 700,000.00	CMI	Water, Sediment	Completed	Assist the MDEQ with water and sediment monitoring, data analysis, and reporting.
Macatawa Area Coord. Council	Ottawa	09/15/2003-09/30/2005	481056	2003	\$34,787	\$ 33,269.30	CMI	Water Chemistry	Completed	Monitor local water quality.
ICF Consulting Serv.	N/A*	10/01/2002-12/31/2007	481050	2003	\$41,500	\$ 41,500.00	CMI	Fish Contaminants	Completed	Analyze caged fish for contaminants.
Triangle Laboratories, Inc.	N/A*	03/01/2003-11/30/2003	481035	2003	\$71,000	\$ 70,850.00	CMI	Fish Contaminants	Completed	Analyze fish tissues for contaminants.
County of Huron	Huron	09/15/2003-12/30/2004	481030	2003	\$49,398	\$ 49,398.00	CMI	Water Chemistry	Completed	Monitor for emerging problems.
Central Lake Superior Watershed Partners	Marquette	09/15/2003-09/30/2005	481011	2003	\$24,759	\$ 21,518.08	CMI	Water Chemistry	Completed	Monitor for emerging problems.
County of Macomb	Macomb	09/01/2003-10/31/2004	480805	2003	\$6,543	\$ 5,136.31	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
County of Oakland	Oakland	09/01/2003-10/31/2004	480789	2003	\$14,752	\$ 29.66	CMI	Beach Monitoring	Cancelled	
Huron River Watershed Council	Washtenaw	09/15/2003-09/30/2004	480786	2003	\$13,000	\$ 13,000.00	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
Village of Holly	Oakland	09/15/2003-09/30/2005	480638	2003	\$2,757	\$ 1,301.65	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
The Nature Conservancy	Ingham	09/15/2003-09/30/2005	480569	2003	\$37,142	\$ 26,204.11	CMI	Water Chemistry	Completed	Monitor local water quality.
City of Ann Arbor	Washtenaw	09/15/2003-09/30/2005	480567	2003	\$24,730	\$ 24,730.00	CMI	Water Chemistry	Completed	Monitor for emerging problems.
Great Lakes Commission	Washtenaw	09/01/2002-06/30/2003	480567	2003	\$4,173	\$ 4,173.30	CMI	Fish Contaminants	Completed	Convene workshop to review fish contaminant trend monitoring study design.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	09/01/2000-12/31/2004	480544	2003	\$447,000	\$ 447,000.00	CMI	Water Chemistry	Completed	Monitor water quality in selected inland rivers.
Michigan State University	Ingham	09/12/2001-09/30/2005	480540	2003	\$48,451	\$ 48,451.10	CMI	Sediment	Completed	Collect/analyze sediment cores from inland lakes.
Central Michigan District Health Dept	Arenac, Clare, Gladwin, Isabella,	09/01/2003-10/31/2004	480537	2003	\$18,375	\$ 18,349.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Michigan State University	Ingham	08/01/2001-09/30/2005	480535	2003	\$183,000	\$ 83,050.58	CMI	Wildlife Contaminants	Completed	PCB/Hg analysis of herring gull eggs.
County of Ottawa	Ottawa	09/01/2003-10/31/2004	480533	2003	\$5,544	\$ 5,544.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Grand Valley State University	Muskegon	09/15/2003-09/30/2005	480514	2003	\$32,913	\$ 31,692.27	CMI	Water Chemistry	Completed	Monitor local water quality.
Midland Conserv. Dist	Midland	09/15/2003-09/30/2005	480502	2003	\$49,758	\$ 48,967.08	CMI	Water Chemistry	Completed	Monitor local water quality.
County of Muskegon	Muskegon	09/01/2003-10/31/2004	480502	2003	\$10,000	\$ 8,526.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
County of Wexford	Wexford	09/15/2003-09/30/2005	480377	2003	\$4,900	\$ 4,305.44	CMI	Water Chemistry	Completed	Monitor local water quality.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	10/01/2002-09/30/2003	280658	2003	\$145,000	\$ 145,000.00	CMI	Stream Flow	Completed	Collect flow data on MI rivers and streams.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	09/01/2000-12/31/2005	280656	2003	\$293,200	\$ 293,200.00	CMI	Inland Lakes	Completed	Monitor water quality in selected inland lakes.
Yellow Dog Watershed Preserve	Marquette	09/15/2003-09/30/2006	280655	2003	\$5,009	\$ 5,009.00	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
Branch Hillsdale St. Joe Comm. Hlth Dept	Branch, Hillsdale, St. Joseph	09/01/2003-10/31/2004		2003	\$10,177	\$ 10,177.43	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Chippewa County Health Dept.	Chippewa	09/01/2003-10/31/2004		2003	\$12,817	\$ 12,816.60	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Region II Comm. Action Agency	Hillsdale	09/15/2003-09/30/2005		2003	\$15,877	\$ -	CMI	Water	Cancelled	Monitor for emerging problems.
TriMatrix Laboratories, Inc.	Kent	10/01/2000-01/24/2007		2003	\$26,000	\$ 26,000.00	CMI	Water, Inland Lakes	Completed	Sample analysis.
Coldwater River Watershed Council	Kent, Ionia, Barry	09/15/2003-09/30/2005		2003	\$10,000	\$ 2,031.25	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.

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River Raisin Watershed Council	Lenawee, Monroe	09/15/2003-09/30/2005		2003	\$12,800	\$ 12,620.00	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
County of St. Clair	St. Clair	09/15/2003-09/30/2005		2003	\$10,593	\$ 9,462.12	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
Mich. Lake & Stream Assoc	St. Joseph	04/01/2003-03/31/2004		2003	\$24,950	\$ 24,950.30	CMI	Inland Lakes	Completed	Volunteer lake monitoring program.
Great Lakes Commission	Washtenaw	09/01/2002-06/30/2003	480561/480567	2002	\$13,000	\$ 13,000.00	CMI	Fish Contaminants	Completed	Convene workshop to review fish contaminant trend monitoring study design.
Wisconsin State Laboratory of Hygiene	N/A*	02/15/2002-03/31/2007	481063	2002	\$300,000	\$ 295,104.91	CMI	Water Chemistry	Completed	Analysis of water samples for metals, PCBs.
Great Lakes Environmental Center	Grand Traverse	07/05/2001-09/30/2005	481038	2002	\$994,000	\$ 861,472.55	CMI	Water, Sediment	Completed	Assist the MDEQ with water and sediment monitoring, data analysis, and reporting.
Exponent, Inc.	N/A*	07/15/2001-04/30/2003	481017	2002	\$10,000	\$ 9,810.17	CMI	Fish Contaminants	Completed	Review and improve upon the fish contaminant trend monitoring program
TriMatrix Laboratories, Inc.	Kent	10/01/2000-09/30/2004	480721	2002	\$230,000	\$ 105,432.00	CMI	Water, Inland Lakes	Completed	Sample analysis.
Michigan State University DOI - United States Geological Survey - Joint Funding Agreement	Ingham	08/01/2001-09/30/2005	480643	2002	\$143,034	\$ 143,034.28	CMI	Wildlife Contaminants	Completed	PCB/Hg analysis of bald eagle plasma and feathers.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	07/01/2002-12/31/2005	480544	2002	\$345,303	\$ 345,220.00	CMI	Inland Lakes	Completed	Monitor water quality in selected inland lakes.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	09/01/2002-09/30/2003	280658	2002	\$100,000	\$ 100,000.00	CMI	Water Chemistry	Completed	Monitor water quality in selected rivers.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	10/01/2001-09/30/2002	280656	2002	\$121,000	\$ 121,000.00	CMI	Stream Flow	Completed	Collect flow data on MI rivers and streams.
Michigan State University	Ingham	09/12/2001-09/30/2005		2002	\$186,382	\$ 186,381.70	CMI	Sediment	Completed	Collect/analyze sediment cores from inland lakes.
Michigan State University	Ingham	08/01/2001-09/30/2005		2002	\$183,000	\$ 96,717.95	CMI	Wildlife Contaminants	Completed	PCB/Hg analysis of herring gull eggs.
Triangle Laboratories, Inc.	N/A*	03/01/2002-11/30/2002		2002	\$70,000	\$ 68,300.00	CMI	Fish Contaminants	Completed	Analyze fish tissues for contaminants.
Michigan Lake and Stream Assoc, Inc.	St. Joseph	04/01/2002-03/31/2003		2002	\$28,872	\$ 28,871.27	CMI	Inland Lakes	Completed	Volunteer lake monitoring program.
Friends of the Rouge	Wayne	09/11/2001-09/30/2003	NA	2001	\$5,012	\$ 5,012.00	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
EarthTech	Kent	05/01/2001-03/30/2002	480542&480452	2001	\$218,184	\$ 218,184.05	CMI	Water Chemistry	Completed	Water quality monitoring to support the development of Total Maximum Daily Loads.
Grand Traverse Bay Watershed Center	Grand Traverse	09/11/2001-09/30/2003	481097	2001	\$35,000	\$ 26,320.29	CMI	Water Chemistry	Completed	Monitor local water quality.
Northwest MI Community Health Agency/County of Charlevoix	Emmet, Otsego, Charlevoix, Antrim	07/10/2001-09/30/2002	481094	2001	\$14,080	\$ 14,080.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Shiawassee County Health Department	Shiawassee	09/14/2001-09/30/2003	481086	2001	\$10,705	\$ 9,547.27	CMI	Water Chemistry	Completed	Monitor local water quality.
TriMatrix Laboratories, Inc.	Kent	10/01/2000-12/31/2002	481085	2001	\$200,000	\$ 186,311.96	CMI	Water, Inland Lakes	Completed	Sample analysis.
Barry-Eaton District Health Dept.	Barry, Eaton	09/13/2001-09/30/2003	481061	2001	\$44,148	\$ 33,699.68	CMI	Water	Completed	Monitor local water quality.
Michigan Tech Center for Science and Environ. Outreach	Houghton	09/13/2001-09/30/2003	481056	2001	\$7,384	\$ 7,383.51	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
Great Lakes Environmental Center	Grand Traverse	07/05/2001-09/30/2003	481038	2001	\$630,000	\$ 630,000.00	CMI	Water, Sediment	Completed	Assist the MDEQ with water and sediment monitoring, data analysis, and reporting.
District Health Department #4	Alpena, Cheboygan,	08/01/2001-09/30/2002	481028	2001	\$16,782	\$ 16,782.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Exponent, Inc.	N/A*	07/15/2001-04/30/2003	481017	2001	\$108,933	\$ 108,933.00	CMI	Fish Contaminants	Completed	Review and improve upon the fish contaminant trend monitoring program
Friends of the Looking Glass River	Clinton	09/13/2001-09/30/2004	480816	2001	\$4,735	\$ 2,770.43	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
Trout Unlimited (Mershon Chapter) of Trout Unlimited, Inc.	Arenac, Bay, Ogemaw,	09/14/2001-12/31/2003	480812	2001	\$5,450	\$ 3,226.33	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
Great Lakes Environmental Center	Grand Traverse	07/15/2001-09/30/2002	480799	2001	\$57,068	\$ 54,102.42	CMI	Biota	Completed	Develop a statistically-based procedure to evaluate trends in stream biological
West MI Environmental Action Council	Kent	09/13/2001-09/30/2003	480721	2001	\$4,995	\$ 4,995.00	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
Macomb County Health Dept.	Macomb	09/15/2000-09/30/2001	480645	2001	\$31,235	\$ 31,235.00	CMI	Water, Sediment	Completed	Water/sediment sampling in Lake St. Clair/Clinton River.

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BASIC PROJECT INFORMATION			FUNDING INFORMATION					RESPONSE ACTIONS		
GRANT/CONTRACT RECIPIENT	COUNTY	PROJECT PERIOD	PROJECT NO.	AY	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	FUNDING SOURCE	ACTIVITY TYPE	ACTIVITY STATUS	COMMENTS
Timberland (Adopt-a-Stream of West Michigan)	Kent, Ottawa	09/13/2001-03/31/2004	480644	2001	\$1,940	\$ 1,855.99	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
St. Clair County Health Department	St. Clair	07/02/2001-09/30/2002	480635	2001	\$25,000	\$ 25,000.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Michigan State University	Ingham	09/12/2001-09/30/2005	480633	2001	\$45,000	\$ 25,464.98	CMI	Sediment	Completed	Collect/analyze sediment cores from inland lakes.
Michigan State University	Ingham	05/01/2001-09/30/2002	480633	2001	\$61,000	\$ 61,000.00	CMI	Wildlife Contaminants	Completed	PCB/Hg analysis of bald eagle plasma and feathers, and herring gull eggs.
Triangle Laboratories, Inc.	N/A*	03/06/2001-11/30/2001	480616	2001	\$49,975	\$ 49,975.00	CMI	Fish Contaminants	Completed	Analyze fish tissues for contaminants.
County of Kalamazoo	Kalamazoo	08/01/2001-09/30/2002	480563	2001	\$35,000	\$ 35,000.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Kalamazoo County Human Services Dept.	Kalamazoo	09/11/2001-09/30/2003	480563	2001	\$29,634	\$ 25,447.23	CMI	Water Chemistry	Completed	Monitor local water quality.
Antrim County Conservation District	Antrim	09/13/2001-09/30/2003	480532	2001	\$11,998	\$ 10,085.71	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
County of Muskegon	Muskegon	07/02/2001-09/30/2002	480514	2001	\$9,130	\$ 9,130.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	10/01/2000-09/30/2001	280658	2001	\$121,000	\$ 121,000.00	CMI	Stream Flow	Completed	Collect flow data on MI rivers and streams.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	07/01/2000-09/30/2002	280656	2001	\$298,900	\$ 298,900.00	CMI	Inland Lakes	Completed	Monitor water quality in selected inland lakes.
Marquette County Conservation District	Marquette	09/11/2001-09/30/2003	280655	2001	\$12,578	\$ 11,746.38	CMI	Water Chemistry	Completed	Monitor local water quality.
Crystal Lake Watershed	Benzie	09/14/2001-09/30/2003		2001	\$3,431	\$ 3,431.00	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
Region II Community Action Agency	Hillsdale	09/11/2001-09/30/2003		2001	\$27,948	\$ 27,052.56	CMI	Water	Completed	Monitor local water quality.
Michigan State University	Ingham	03/27/2000-12/31/2003		2001	\$207,349	\$ 207,349.00	CMI	Biota	Completed	Develop a rapid assessment procedure for biological communities in nonwadable rivers.
Wisconsin State Laboratory of Hygiene	N/A*	02/15/2002-03/31/2007		2001	\$1	\$ 0.60	CMI	Water Chemistry	Completed	Analysis of water samples for metals, PCBs.
Saginaw County Dept. of Public Health	Saginaw	09/13/2001-09/30/2003		2001	\$45,775	\$ 45,774.04	CMI	Water Chemistry	Completed	Monitor local water quality.
St. Clair County MSU Extension 4-H	St. Clair	09/13/2001-09/30/2003		2001	\$7,865	\$ 7,328.25	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
Michigan Lake and Stream Assoc., Inc.	St. Joseph	04/01/2001-03/31/2002		2001	\$21,129	\$ 21,128.73	CMI	Inland Lakes	Completed	Volunteer lake monitoring program.
Michigan State University	Ingham	08/17/2000-11/30/2001	DEQ-OFM	2000	\$23,628	\$ 23,628.00	CMI	Sediment	Completed	Collect/analyze sediment cores from inland lakes.
Grand Traverse Bay Watershed Initiative	Grand Traverse	09/15/2000-09/30/2003	481069 (wrong proj used on PO)	2000	\$13,781	\$ 13,781.00	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	09/01/2000-09/30/2002	481092	2000	\$747,375	\$ 747,375.00	CMI	Water Chemistry	Completed	Collection of water samples statewide.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	10/01/1999-09/30/2000	481068	2000	\$72,500	\$ 72,500.00	CMI	Stream Flow	Completed	Collect long-term flow data on MI rivers and streams.
Huron County Health Dept.	Huron	09/14/2000-09/30/2002	481067	2000	\$18,407	\$ 18,407.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Grand Traverse Bay Watershed Initiative	Grand Traverse	09/14/2000-09/30/2002	481054	2000	\$34,768	\$ 34,749.60	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
DOI - United States Geological Survey - Joint Funding Agreement	Ingham	07/01/2000-09/30/2001	481045	2000	\$60,250	\$ 60,250.00	CMI	Inland Lakes	Completed	Inland lake water quality monitoring program.
Central Michigan District Health Dept.	Arenac, Clare, Gladwin, Isabella,	05/10/2000-09/30/2002	481039	2000	\$46,363	\$ 46,363.10	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
St. Clair County Drain Commissioner	St. Clair	09/15/2000-09/30/2001	481027	2000	\$7,123	\$ 6,884.83	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
Michigan State University	Ingham	03/27/2000-12/31/2001	481018	2000	\$24,000	\$ 24,000.00	CMI	Wildlife Contaminants	Completed	PCB/Hg analysis of bald eagle plasma and feathers.
Kent County Health Dept.	Kent	09/14/2000-09/30/2002	480801	2000	\$5,820	\$ 5,820.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Tailored Flying Service	N/A*	N/A*	480792	2000	\$1,013	\$ 1,012.65	CMI	Wildlife Contaminants	Completed	Flights for bald eagle surveys.

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GRANT/CONTRACT RECIPIENT	COUNTY	PROJECT PERIOD	PROJECT NO.	AY	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	FUNDING SOURCE	ACTIVITY TYPE	ACTIVITY STATUS	COMMENTS
Chippewa County Health Dept.	Chippewa	09/15/2000-09/30/2002	480790	2000	\$15,882	\$ 15,882.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Muskegon Conservation District	Muskegon	09/14/2000-12/31/2001	480761	2000	\$10,000	\$ 10,000.00	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
West Michigan Environmental Action Council	Kent	09/14/2000-02/28/2002	480721	2000	\$12,689	\$ 9,932.63	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
Berrien County Health Dept.	Berrien	09/15/2000-09/30/2002	480543	2000	\$24,450	\$ 24,450.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Macomb County Health Dept.	Macomb	09/14/2000-09/30/2002	480515	2000	\$28,239	\$ 28,239.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Macomb County Health Dept.	Macomb	09/15/2000-09/30/2001	480515	2000	\$59,382	\$ 59,382.00	CMI	Water, Sediment	Completed	Water/sediment sampling in Lake St. Clair/Clinton River.
Michigan Lake and Stream Assoc, Inc.	St. Joseph	09/15/2000-04/01/2001	480507	2000	\$24,950	\$ 24,950.00	CMI	Inland Lakes	Completed	Volunteer lake monitoring program.
Brooks Rand LTD	N/A*	N/A*	480502	2000	\$839	\$ 839.20	CMI	Sediment	Completed	Deer Lake sediment samples.
Central Lake Superior Watershed Council	Marquette	09/14/2000-09/30/2001	280655	2000	\$4,715	\$ 4,671.50	CMI	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
City of Marquette	Marquette	09/14/2000-09/30/2002		2000	\$19,071	\$ 19,071.00	CMI	Beach Monitoring	Completed	Monitor bacteria levels at public beaches.
Wisconsin State Laboratory of Hygiene	N/A*	05/31/2000-03/30/2002		2000	\$50,068	\$ 48,174.95	CMI	Water Chemistry	Completed	Analysis of water samples for metals, PCBs.
Michigan State University	Ingham	05/01/2001-09/30/2002	480634	2001	\$100,000	\$ 100,000.00	General fund	Wildlife Contaminants	Completed	PCB/Hg analysis of bald eagle plasma and feathers, and herring gull eggs.
Michigan State University	Ingham	09/12/2001-09/30/2005		2001	\$150,000	\$ 149,936.31	General fund	Sediment	Completed	Collect/analyze sediment cores from inland lakes.
Michigan State University	Ingham	03/28/2000-11/30/2001	480568	2000	\$77,800	\$ 77,759.61	General fund	Sediment	Completed	Collect/analyze sediment cores from inland lakes.
Michigan State University	Ingham	03/27/2000-12/31/2002	480568	2000	\$68,600	\$ 68,600.00	General fund	Wildlife Contaminants	Completed	PCB/Hg analysis of bald eagle plasma and feathers.
Michigan State University	Ingham	03/27/2000-12/31/2003	480567	2000	\$103,600	\$ 103,600.00	General fund	Biota	Completed	Develop a rapid assessment procedure for biological communities in nonwadable rivers.
Friends of the Rouge	Wayne	04/15/1999-12/31/2000	481099	1999	\$10,850	\$ 10,604.62	General fund	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
Tip of the Mitt Watershed Council	Emmet	04/15/1999-09/30/2000	481070	1999	\$8,650	\$ 8,297.91	General fund	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
University of Michigan - Flint	Genesee	06/15/1999-09/30/2000	481053	1999	\$10,296	\$ 10,296.00	General fund	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
Michigan State University	Ingham	04/15/1999-09/30/2000	481018	1999	\$107,007	\$ 107,047.00	General fund	Sediment	Completed	Collect/analyze sediment cores from inland lakes.
Grand Traverse Bay Watershed Initiative	Grand Traverse	05/01/1999-09/30/2000	480794	1999	\$30,000	\$ 30,000.00	General fund	Water Chemistry	Completed	Sample collection on Saginaw and Grand Traverse Bays, data analysis.
Lake Superior State University	Chippewa	05/10/1999-09/30/2000	480619	1999	\$66,000	\$ 65,972.69	General fund	Wildlife Contaminants	Completed	PCB/Hg analysis of bald eagle plasma and feathers.
Michigan Lake and Stream Assoc, Inc.	St. Joseph	05/01/1999-9/30/2000	480507	1999	\$9,637	\$ 9,610.00	General fund	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
Father Marquette Middle School	Marquette	05/01/1999-09/30/2000	280655	1999	\$560	\$ 560.00	General fund	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
University of Michigan - Air Quality Laboratory	Washtenaw	08/02/1999-09/30/1999		1999	\$7,000	\$ 7,000.00	General fund	Water Chemistry	Completed	Analysis of water samples for metals, nutrients.
Clinton River Watershed Council	Macomb	04/01/1998-09/30/1999	N/A	1998	\$9,000	\$ 9,000.00	General fund	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
Macomb County Health Department	Macomb	09/01/1998-09/30/1999	N/A	1998	\$100,000	\$ 87,260.00	General fund	Water Chemistry	Completed	Water quality monitoring of Lake St. Clair watershed.
Tittabawassee River Task Force	Gladwin	04/01/1998-09/30/1999	481071	1998	\$9,000	\$ 8,998.21	General fund	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
Friends of the St. Joe River	Calhoun	04/01/1998-09/30/1999	481058	1998	\$9,000	\$ 8,904.01	General fund	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.
Oceana Conservation District	Ocean	04/01/1998-09/30/1999	480646	1998	\$9,000	\$ 8,971.66	General fund	Volunteer Monitoring	Completed	Volunteer monitoring of wadable streams and rivers.

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GRANT/CONTRACT RECIPIENT	COUNTY	PROJECT PERIOD	PROJECT NO.	AY	PROPOSED AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	FUNDING SOURCE	ACTIVITY TYPE	ACTIVITY STATUS	COMMENTS
University of Michigan - Air Quality Laboratory	Washtenaw	04/20/1998-09/30/2000	480531	1998	\$114,000	\$ 114,000.00	General fund	Water Chemistry	Completed	Analysis of water samples for metals, nutrients.
TOTAL					\$34,060,295	\$ 32,257,367.34				

\* Not Applicable  
 \*\* Counties include Arenac, Clare, Gladwin, Isabella, Osceola, and Roscommon  
 \*\*\* Expenditures charged to CMI in error.

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BASIC SITE INFORMATION						FUNDING INFORMATION		RESPONSE ACTIONS		
PROJECT NAME	COUNTY	TRACKING CODE	PROJECT NUMBER	ESTIMATED CLOSURE DATE	GRANT RECIPIENT	GRANT AWARD	CUMULATIVE EXPENDITURES 9/30/2013	DATE CONTRACT SIGNED	ACTIVITY STATUS	COMMENTS
Harper Creek/Beadle Lake Water Quality	Calhoun	2002-0245	430864	12/31/05	Calhoun County Road Commission	\$75,170	\$ 50,330.00	7/8/04	Complete	Project stabilized 520 feet of lake front shoreline along Beadle Lake Road, by implementing a system of best management practices.
LaVista Drain Project	Calhoun	2002-0212	430858	8/31/07	City of Battle Creek	\$498,508	\$ 420,196.15	5/4/04	Complete	Project implemented innovative urban best management practices to reduce phosphorus and promote infiltration.
Speeds Lake Outlet Drain	Calhoun	2002-0235			Calhoun County Drain Commissioner	\$87,380	\$ -	N/A	Rejected	Award was to reduce erosion at Speeds Lake.
State Street Parking Lot	Calhoun	2007-0122	431832	6/31/2010	City of Battle Creek	\$350,460	\$ 349,456.25	2/26/08	Complete	Project implemented low impact development concepts in the State Street Parking Lot to reduce and treat storm water runoff.
Willard Beach	Calhoun	2005-0334	430890	8/31/07	City of Battle Creek	\$244,844	\$ 235,177.63	8/30/05	Complete	Project reduced storm water discharge to a lake by installing porous pavement, rain gardens, and other practices.
Lower Grand River Watershed Mgt	Kent	2007-0113	431824	7/31/10	Grand Valley Metro Council	\$78,468	\$ 78,294.31	2/26/08	Complete	Project implemented an information/education strategy to encourage the public to reduce nonpoint sources of pollution.
Cool City by the Lake	Oakland	2007-0110	431825	8/31/10	City of Walled Lake	\$20,000	\$ 20,000.00	12/29/07	Complete	Project created a brand identity for the downtown to encourage economic development while educating the public about the watershed and their role in nonpoint source pollution.
Healthy Lawns & Landscapes	Oakland	2007-0139	431831	9/30/11	Southeastern Oakland County Water Authority	\$84,970	\$ 83,955.96	1/9/08	Complete	Project educated and motivated residents and municipal officials within the Red Run Subwatershed to use environmentally friendly lawn care practices.
Pontiac Creek Watershed Management Plan	Oakland	2007-0143	431821	1/31/11	City of Pontiac	\$62,180	\$ 62,180.00	9/12/08	Complete	Project implemented storm water management practices, updated a storm water ordinance and developed an educational watershed video game.
Waterford Oaks County Park Storm Water Imp.	Oakland	2007-0123	431838	12/31/10	Oakland County Parks & Rec	\$190,000	\$ 190,000.00	4/24/08	Complete	Project implemented storm water infiltration practices at Waterford Oaks County Park.
City of Grand Haven Storm Water	Ottawa	2005-0328	430883	8/30/11	City of Grand Haven	\$573,606	\$ 366,549.09	8/26/05	Complete	Project implemented storm sewer infiltration systems, rain gardens/underground detention, and a green roof.

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PROJECT NAME	COUNTY	TRACKING CODE	PROJECT NUMBER	ESTIMATED CLOSURE DATE	GRANT RECIPIENT	GRANT AWARD	CUMULATIVE EXPENDITURES 9/30/2013	DATE CONTRACT SIGNED	ACTIVITY STATUS	COMMENTS
Macatawa Watershed Stormwater Project	Ottawa	2006-0150	431819	12/30/10	Macatawa Area Coordinating Council	\$80,001	\$ 80,000.79	8/7/07	Complete	Project implemented a stormwater educational campaign and installed storm water infiltration practices.
Ira Township Low Impact	St. Clair	2005-9113	430896	12/30/08	Ira Township	\$290,481	\$ 288,463.06	9/2/05	Complete	Project installed a green roof, rain gardens, and grassed swales to manage storm water.
Grow Zones Across the Combined Downriver	Wayne	2006-0137	431820	3/31/10	Wayne County Dept. of Environment	\$163,196	\$ 157,859.05	10/5/07	Complete	Project implemented riparian corridor and low impact development BMPs within the Combined Downriver Watershed.
Ecorse Creek Wetland and Greenway Implementation	Wayne	2006-0110	431817	6/30/12	City of Dearborn Heights	\$242,000	\$ 229,436.67	5/15/07	Complete	Project installed a previous parking lot and rain gardens.
Northville Township - Storm Water Ordinance Modifications	Wayne	2002-0224			Northville Township	\$18,750	\$ -	N/A	Rejected	Award was to evaluate storm water ordinances in Northville Township.
Rouge River Nutrient Reduction Program	Wayne	2002-0221	430882	7/31/07	Wayne County Dept. of Environment	\$274,837	\$ 270,134.41	4/20/05	Complete	Project implemented various information/education activities to reduce phosphorus in the Rouge River watershed.
IDEP Rouge R. Watershed from Residential Areas	Wayne	2005-0335	430894	8/31/11	Wayne County Dept. of Environment	\$513,227	\$ 513,212.70	9/6/05	Complete	Project identified and required the correction of illicit connections in the Rouge River watershed.
		<b>TOTAL</b>				<b>\$3,848,077</b>	<b>\$ 3,395,246.07</b>			

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**Appendix P: Illicit Storm Sewer Connection Grants Program**  
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PROJECT NAME	COUNTY	TRACKING CODE	PROJECT	ESTIMATED CLOSURE DATE	GRANT RECIPIENT	GRANT AWARD	CUMULATIVE EXPENDITURES 9/30/2013	DATE CONTRACT SIGNED	ACTIVITY STATUS	COMMENTS
IDEP Bay Area Storm water Authority	Bay	2005-0319	430884	11/30/08	Bay County Drain Commission	\$100,000	\$ 92,397.89	8/30/05	Complete	Project investigated 457 outfalls and identified and required the correction of 12 illicit connections.
Illicit Discharge Elimination Bay City	Bay	2002-0241	430867	9/1/07	City of Bay City	\$93,750	\$ 93,750.00	8/17/04	Complete	Project sampled 45 outfalls and identified and corrected 10 illicit connections.
IDEP - City of New Buffalo	Berrien	2009-0104	481147	12/30/10	City of New Buffalo	\$47,738	\$ 44,185.38	7/10/09	Complete	Project identified and required the correction of illicit connections in the city of New Buffalo.
Illicit Connection Elimination in the City of Battle Creek	Calhoun	2001-0027	480661	9/30/05	City of Battle Creek	\$225,000	\$ 177,168.65	4/3/02	Complete	Project investigated 392 outfalls and identified and corrected 7 illicit connections.
Illicit Discharge Elimination Gibson Creek	Genesee	2002-0229	430872	8/31/06	Genesee County	\$150,000	\$ 148,153.00	8/27/04	Complete	Project sampled 254 outfalls, 7 of which were identified as illicit connections and corrected.
IDEP City of Lansing	Ingham	2005-0317	430886	10/30/09	City of Lansing	\$338,653	\$ 333,323.17	8/30/05	Complete	Project identified and corrected illicit connections in the City of Lansing.
Illicit Discharge Upper Grand River	Jackson	2002-0250	430862	6/14/07	County of Jackson	\$199,000	\$ 196,338.55	6/9/04	Complete	Project sampled over 100 outfalls and identified and required the correction of 7 illicit connections.
Illicit Connections Elimination City of Portage	Kalamazoo	2002-0205	430859	3/31/06	City of Portage	\$152,264	\$ 152,264.00	5/11/04	Complete	Project sampled 300 outfalls; no illicit connections were detected.
Illicit Connection Elimination in the City of Grand Rapids	Kent	2001-0042	480712	4/31/2004	City of Grand Rapids	\$73,027	\$ 33,838.48	5/16/02	Complete	Project resulted in the identification of nine illicit connections in the city of Grand Rapids, and implementation of actions to eliminate those connections.
City of Adrian Illicit Connection	Lenawee	2002-0204	430857	12/31/08	City of Adrian	\$172,125	\$ 172,125.00	4/23/04	Complete	Project identified and corrected 8 illicit connections.
IDEP Village of Pinckney	Livingston	2005-0312	430898	12/31/06	Village of Pinckney	\$41,245	\$ 41,171.39	9/2/05	Complete	Project inspected 38 Village outfalls and found no illicit connections.
Facility Dye Testing Project - Phase III	Macomb	2009-0103	481146	12/31/11	County of Macomb	\$192,316	\$ 189,166.98	5/12/09	Complete	Project identified and required the correction of illicit connections in the Clinton River and Lake St. Clair.
IDEP City of Mt. Clemens	Macomb	2005-0324	430899	12/31/08	City of Mt. Clemens	\$97,125	\$ 95,295.88	9/8/05	Complete	Project identified and required the correction of three illicit connections.
IDEP Macomb County Facility and Residential Testing	Macomb	2005-0316	430888	6/30/09	Macomb County Health Dept.	\$246,484	\$ 243,802.23	8/30/05	Complete	Project inspected and dye tested 1,736 facilities and 125 residential structures; identified and required the correction of 72 illicit connections.
Illicit Connection Elimination by the Macomb Co. Office of Public Work	Macomb	2001-0060	480662	1/14/05	Macomb County Department of Public Works	\$297,351	\$ 280,756.26	2/20/02	Complete	Project identified and required correction of 264 illicit connections in Macomb County.
Illicit Connection Elimination by the Macomb County Health Department	Macomb	2001-0024	480659	12/31/04	Macomb County Health Department	\$407,267	\$ 406,781.50	12/27/2001	Complete	Project identified and corrected numerous illicit connections in Macomb County.
Illicit Connection Elimination in Clinton Township	Macomb	2001-0045	480710	3/31/04	Clinton Township	\$37,500	\$ 19,518.77	3/27/02	Complete	Project identified and required the correction of five illicit connections in Clinton Township.

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PROJECT NAME	COUNTY	TRACKING CODE	PROJECT	ESTIMATED CLOSURE DATE	GRANT RECIPIENT	GRANT AWARD	CUMULATIVE EXPENDITURES 9/30/2013	DATE CONTRACT SIGNED	ACTIVITY STATUS	COMMENTS
Illicit Discharge Elimination in the City of Mt. Clemens	Macomb	2001-0074	480668	12/31/04	City of Mt. Clemens WWTP	\$79,412	\$ 33,094.41	12/20/2001	Complete	Project identified and eliminated 10 illicit discharges within the City of Mt. Clemens.
Illicit Discharge Elimination in the Village of Romeo	Macomb	2002-0243	430876		Village of Romeo	\$29,963	\$ -		Rejected	This award was rejected by the grantee.
Illicit Discharge Elimination Macomb County Public Works	Macomb	2002-0247	430873	9/30/07	Macomb County of Public Works	\$309,722	\$ 274,242.00	9/3/04	Complete	Project sampled 128 county drains; 19 illicit connections were identified and corrected.
IDEP Monroe County Drain Commission	Monroe	2005-0320	430885	9/30/09	Monroe County Drain Commission	\$142,345	\$ 114,572.08	8/30/05	Undergoing closeout	Contract is to identify and correct illicit connections in Monroe County.
Illicit Connections Elimination in the City of Muskegon	Muskegon	2001-0018	480658	10/31/05	City of Muskegon	\$73,268	\$ 19,842.00	10/31/2001	Complete	Project identified and corrected 25 illicit connections in the City of Muskegon.
City of Pontiac Illicit Discharge Elimination II	Oakland	2009-0110	481158	8/31/10	City of Pontiac	\$36,331	\$ 34,219.37	9/3/09	Complete	Project identified and required the correction of illicit connections in the City of Pontiac.
IDEP Oakland County Clinton River Headwaters	Oakland	2005-0306	430887	12/31/08	Oakland County Drain Commission	\$246,528	\$ 215,416.23	8/30/05	Complete	Project identified and screened 1,977 outfalls and related, and eliminated 33 illicit discharges.
Illicit Connection Elimination Oakland County	Oakland	2002-0266	430879	9/30/06	Oakland County Drain Commission	\$213,334	\$ 196,851.00	9/15/04	Complete	Project screened 1,421 outfalls; 38 illicit discharges were eliminated.
Illicit Discharge Elimination for Pontiac	Oakland	2002-0246	430876	9/30/07	City of Pontiac	\$166,097	\$ 63,374.00	9/10/04	Complete	Project sampled 46 outfalls; one illicit connection was identified and corrected.
IDEP SASWA	Saginaw	2005-0329	430895	12/30/08	Saginaw Area Storm water Authority	\$146,500	\$ 144,701.63	9/2/05	Complete	Project identified and corrected illicit connections in the Upper Saginaw, Lower Tittabawassee, and Lower Cass watersheds.
SASWA Urbanized Area Disconnect Project	Saginaw	2009-0107	481159	3/31/11	Saginaw Area Storm Water Authority	\$24,750	\$ 24,750.00	9/15/09	Complete	Project identified and corrected illicit connections within Saginaw's urban area.
Illicit Connection Elimination in Three-Mile Creek	Shiawassee	2001-0029	480669	12/31/03	County of Shiawassee	\$118,652	\$ 110,621.47	12/27/2001	Complete	Project resulted in the inspection of 585 properties in the Three Mile Creek watershed.
IDEP City of St Clair	St. Clair	2005-0308	430889	9/30/07	City of St. Clair	\$35,451	\$ 34,227.39	8/30/05	Complete	Project identified and required the correction of seven illicit connections.
IDEP Marine City	St. Clair	2005-0318	430893	11/30/08	City of Marine City	\$45,900	\$ 40,931.68	9/6/05	Complete	Project investigated 46 outfalls; identified and required the correction of one illicit connection.
Illicit Connection Elimination by the St. Clair Co. Health Department	St. Clair	2001-0061	480663	12/31/04	St. Clair County Health Department	\$297,718	\$ 297,718.00	2/14/02	Complete	Project identified and required correction of illicit connections in the Anchor Bay and Pine River Watersheds.
Illicit Connection Elimination by the St. Clair Drain Commission	St. Clair	2001-0056	480660	12/31/04	St. Clair County Drain Commission	\$297,629	\$ 264,463.12	2/14/02	Complete	Project identified and required the correction of 86 illicit connection in the Anchor Bay and Pine River Watersheds.

**Michigan Department of Environmental Quality**  
**Appendix P: Illicit Storm Sewer Connection Grants Program**  
**Water Resources Division**  
**Fiscal Year 2013**

BASIC SITE INFORMATION						FUNDING INFORMATION		RESPONSE ACTIONS		
PROJECT NAME	COUNTY	TRACKING CODE	PROJECT	ESTIMATED CLOSURE DATE	GRANT RECIPIENT	GRANT AWARD	CUMULATIVE EXPENDITURES 9/30/2013	DATE CONTRACT SIGNED	ACTIVITY STATUS	COMMENTS
Illicit Discharge Elimination St Clair Drain Commission	St. Clair	2002-0222	430870	12/31/07	St Clair Health Dept	\$413,352	\$ 413,075.00	8/23/04	Complete	Project identified 295 failing septic systems, most of which were corrected during the contract.
Illicit Discharge Elimination St Clair Drain Commission	St. Clair	2002-0203	430871	6/30/09	St Clair Drain Comm.	\$340,880	\$ 334,496.84	8/27/04	Complete	Project sampled 3,397 outfalls in St. Clair County, 175 of which were failing septic systems. A majority were corrected at project end--the rest underway.
Illicit Connection Allen's Creekshed	Washtenaw	2002-0219	430861	12/31/07	Washtenaw County Drain Comm.	\$187,256	\$ 39,185.00	6/9/04	Complete	Project sampled 100+ manholes, waterways and outfalls in Ann Arbor; and sampled 44 outfalls in Saline. One illicit connection was identified and corrected.
Illicit Connection Elimination in Mallet's Creekshed	Washtenaw	2001-0040	480704	12/31/07	Washtenaw County Drain Commission	\$343,676	\$ 240,683.00	2/20/02	Complete	Project sampled 600+ manholes, waterways and outfalls; and identified and required the correction of 17 illicit connections.
Swift Run Creekshed	Washtenaw	2002-0218	430863	12/31/07	Washtenaw County Drain Comm.	\$187,256	\$ 57,877.00	6/8/04	Complete	Project sampled 100+ manholes, waterways and outfalls, and corrected the two identified illicit connections.
Illicit Connection Discharge Lake St. Clair	Wayne	2002-0226	430875	12/31/08	Wayne County	\$175,806	\$ 133,951.00	9/10/04	Complete	Project identified and required the correction of 198 illicit connections.
Illicit Connection Elimination in Ecorse Creek	Wayne	2001-0078	480708	3/31/05	Wayne County Department of Environment	\$301,175	\$ 251,583.40	6/4/02	Complete	Project identified and corrected illicit connections in Ecorse Creek. In total, 519 facilities were investigated; 276 illicit connections were found at 76 facilities.
Illicit Connection Elimination in the City of Dearborn	Wayne	2001-0021	480773	12/31/03	City of Dearborn	\$154,756	\$ 120,899.97	12/23/02	Complete	Project identified and corrected illicit connections in the City of Dearborn. A total of 4,283 linear feet of storm sewer was investigated and 2 illicit connections were found and corrected.
Illicit Connection Elimination to Alliance of Downriver Watersheds	Wayne	2009-0108	481148	3/30/12	Wayne County Department of Environment	\$192,315	\$ 175,421.66	7/29/09	Complete	Project eliminated illicit discharges from residential and commercial/industrial areas in the Ecorse Creek, Combined Downriver, and the Lower Huron River watersheds.
Illicit Discharge Elimination - Macomb County Health Dept.	Wayne	2002-0251	430881	12/31/07	Macomb County Health Department	\$484,350	\$ 481,418.00	2/4/05	Complete	Project conducted 795 investigations and identified and required the correction of a total of 208 illicit connections.
Illicit Discharge Elimination in Warren and Centerline	Wayne	2002-0252	430880	12/31/07	Macomb County Health Department	\$438,174	\$ 434,424.00	1/28/05	Complete	Project inspected and dye tested 2,258 facilities; and identified and required the correction of 158 illicit connections.
Illicit Discharge Rouge River	Wayne	2002-0240	430874	6/30/07	Wayne County	\$250,411	\$ 244,082.86	9/10/04	Complete	Project resulted in correcting 76 illicit connections and discharges to storm sewers discharging to the Rouge River.
Rouge River Watershed IDEP Support	Wayne	2008-0017	481137	12/31/12	Township of Redford	\$95,000	\$ 94,999.00	4/17/09	Complete	Project collected information from 60 locations and found no illicit connections.
<b>TOTAL</b>						<b>\$8,698,850</b>	<b>\$ 7,611,158.24</b>			

**Michigan Department of Environmental Quality  
Appendix Q: Green Chemistry Support Program  
Office of Environmental Assistance  
Fiscal Year 2013**

BASIC SITE INFORMATION				FUNDING INFORMATION			RESPONSE ACTIONS	
GRANTEE NAME	COUNTY	GRANT #	DATE OF COMPLETION	AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	GRANT FUNDS RETURNED	ACTIVITY STATUS	COMMENTS
Working Bugs, LLC	Clinton	430907-11	3/31/2012	\$124,000	\$124,000	\$0	Complete	Grant to enable expansion of bio-based n-butanol for large scale production.
Kettering University	Genesee	N/A	9/30/2009	\$24,259	\$23,084	\$1,175	Complete	Curriculum development contract for green chemistry/engineering.
KTM Industries, Inc.	Ingham	430906-11	3/31/2012	\$176,000	\$124,905	\$51,095	Complete	Grant to enable expansion of Green Cell Foam into the building insulation market.
Michigan State University	Ingham	N/A	9/30/2009	\$24,800	\$14,341	\$10,459	Complete	Curriculum development contract for green chemistry/engineering.
Michigan State University National Organization	Ingham	N/A	9/30/2009	\$350	\$350	\$0	Complete	Michigan Green Chemistry Program ad with National Organization for the Professional Advancement of Black Chemists and Chemical Engineers at Midwest Conference (MSU).
Aquinas College	Kent	430905-10	6/30/2014	\$463,298	\$312,743		In Progress	Grant to create a Michigan green chemistry clearinghouse informational resource.
Sirius Resources, LLC	Kent	N/A	9/30/2009	\$24,795	\$24,795	\$0	Complete	Contract to facilitate multi-stakeholder conference and design promotional/marketing materials for conference and awards.
Society of Automotive Engineers International	Oakland	430353-09	5/3/2010	\$24,700	\$24,157	\$543	Complete	Grant to conduct a symposium on green technology transfer in the automobile industry.
Grand Valley State University	Ottawa	N/A	12/31/2009	\$24,800	\$15,271	\$9,529	Complete	Curriculum development contract for green chemistry/engineering.
Grand Valley State University	Ottawa	430352-09	6/30/2010	\$24,396	\$20,564	\$3,832	Complete	Grant to build green chemistry education network for educators and host educators symposium.
National Pollution Prevention Roundtable	Out of State	N/A	8/1/2011	\$9,948	\$9,948	\$0	Complete	Contract to hold one day public workshop on Green Screen for Safer Chemical and other methods for safer chemical alternatives.
Product Stewardship Institute, Inc.	Out of State	N/A	9/30/2009	\$240	\$240	\$0	Complete	National green chemistry training webinars.
University of Massachusetts	Out of State	430903-07	3/26/2008	\$7,837	\$7,837	\$0	Complete	Lowell Center for Sustainable Production speaker/consultant/travel grant.
University of Massachusetts	Out of State	430903-07	9/30/2009	\$49,000	\$49,000	\$0	Complete	Lowell Center for Sustainable Production action plan/strategy development grant for Michigan Green Chemistry Program.
G.O. Williams & Associates	Washtenaw	430904-09	6/30/2010	\$24,775	\$24,231	\$544	Complete	Grant to raise awareness/understanding/collaboration of green chemistry efforts in Michigan.

Michigan Department of Environmental Quality  
Appendix Q: Green Chemistry Support Program  
Office of Environmental Assistance  
Fiscal Year 2013

BASIC SITE INFORMATION				FUNDING INFORMATION			RESPONSE ACTIONS	
GRANTEE NAME	COUNTY	GRANT #	DATE OF COMPLETION	AMOUNT	CUMULATIVE EXPENDITURES 9/30/2013	GRANT FUNDS RETURNED	ACTIVITY STATUS	COMMENTS
Wayne State University	Wayne	N/A	9/30/2010	\$24,800	\$22,576	\$2,224	Complete	Curriculum development contract for green chemistry/engineering.
<b>Totals</b>				<b>\$1,027,997</b>	<b>\$798,041</b>	<b>\$79,401</b>		