

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

SITE REGISTRY



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Disclaimer

Site Registry information is provided as a public service by the Michigan Department of Environmental Quality (MDEQ). While the Department makes every effort to maintain current and accurate information on the website, neither the state of Michigan nor any agency, official, or employee warrants the accuracy, reliability, or timeliness of any information published on the site for a particular purpose. The Department assumes no legal liability or responsibility for the use or misuse of this information, including any losses caused by reliance on the accuracy, reliability or timeliness of this information. Direct contact with the appropriate Department representative should be made in matters that require clarification, confirmation, or interpretation of information available at the site.

Also, for your information, this user manual is a preliminary document and will be revised/improved as time and resources allow. If you have any suggestions for improvements, please forward them to the DEQ Site Registry administrator (DEQ-Site-Registry@michigan.gov).

Introduction

Site Registry is a geographically-based website that presents information about locations of interest to the Michigan Department of Environmental Quality (MDEQ). The website contains information on past operations as well as data on current operations and activities. Additional locations and compliance data from other MDEQ databases will be added as resources become available.

Display of a location does not necessarily indicate any current or past problem, violation, or hazardous condition. The website will not present information on all sites stored in MDEQ's databases or files. MDEQ will be continuing to expand and improve the site. However, to find out more about a specific activity or location please contact the MDEQ directly.

Distinct regulatory programs can have oversight for the same sites, but for different areas of concern. As a result, these sites can become duplicated across multiple information systems. For example, this situation can occur if the same facility has a wastewater discharge permit and an air emissions permit. Information about this facility is stored in separate databases operated by different program areas. Site Registry seeks to resolve this issue by aggregating and centralizing site information sourced from these mutually exclusive agency systems.

The Site Registry system consists of two applications:

- Map Viewer – A web mapping application used to query facility data by key geographic data points with associated integration to geographic information system (GIS)-like capabilities.
- Inquiry – A web query application used to query facility data by a number of site attributes, including site name, address, environmental interest, compliance history, et cetera.

Additionally Site Registry has two primary modules:

- Site Module – The core of the application which tracks information about the location, regulated activities (environmental interests), contacts (affiliations, owner/operators), et cetera.
- Compliance Monitoring and Enforcement (CME) Module – The module that manages data about inspections, violations and compliance/enforcement actions from the source programs.

The development of Site Registry has been a multi-state cooperative effort with each partner state contributing resources to fund the enhancement and refinement of the tool,

such as a redesigned graphical user interface and a spatial/mapping focus. The MDEQ was the initiating organization which conceptualized the solution and funded the initial development. The MDEQ has subsequently received several iterations of the application, contributing to improvements along the way, such as the introduction of the CME module to the Site Registry.

Participating Program Areas/Sources

At present, there are six (6) main program areas/divisions participating in the Site Registry application.

The program areas/divisions and source systems are:

- **Air Quality Division (AQD)**
 - Michigan Air Emissions Reporting System (MAERS)
 - <http://www.deq.state.mi.us/maers/>
- **Office of Drinking Water and Municipal Assistance (ODWMA)**
 - Safe Drinking Water Information System (SDWIS)
 - http://iaspub.epa.gov/enviro/sdw_form_v2.create_page?state_abbr=MI
- **Office of Environmental Assistance (OEA)**
 - Toxic Release Inventory (TRI)
 - <http://www2.epa.gov/toxics-release-inventory-tri-program>
- **Office of Oil, Gas and Minerals (OOGM)**
 - Online Oil & Gas Information System (MIR)
 - <http://ww2.deq.state.mi.us/mir/>
- **Waste Management and Radiological Protection Division (WM&RPD)**
 - Waste Data System (WDS)
 - <http://www.deq.state.mi.us/wdsp/Home.aspx>
- **Water Resources Division (WRD)**
 - NPDES Management System (NMS)
 - <http://www.deq.state.mi.us/owis/Page/main/Home.aspx>

Additional program areas/divisions and source systems may be added to Site Registry in the future as resources allow.

Other MDEQ online resources may be found here:

http://www.michigan.gov/deq/0,1607,7-135-6132_6828---,00.html

Dashboard (Home Page)

The Site Registry 'Dashboard' serves as the site's starting point or home page. In addition to providing some dynamic statistics on Site Registry's data warehouse, it provides Frequently Asked Questions/contact information and navigation links. It is divided into three main areas: Ask the Warehouse, Warehouse Statistics and Data Access.

Ask the Warehouse

This area provides a venue to ask the Site Registry administrator and/or MDEQ program staff any questions you may have regarding the Site Registry database or a particular MDEQ site. It will also be used to post answers to Frequently Asked Questions (FAQ's) and provide links to additional online resources.

If your question pertains to a particular site, please be sure to provide the 'Site Registry ID' and/or source system 'Program ID' in your description. These identification numbers can be found in the site's more detailed profile information. Please also be aware that although we will do our best to respond to questions in a timely manner, due to limited resources (i.e., one person on a part-time basis), delays may occur.

You may also want to contact the MDEQ Office of Environmental Assistance (OEA) and/or your local MDEQ district office for additional information:

MDEQ Office of Environmental Assistance:

P.O. Box 30457
Lansing, MI 48909-7957
(517) 335-2419 (voice)
(517) 241-0858 (fax)

Environmental Assistance Center (EAC) (non-emergency only):

1-800-662-9278 or (517) 373-9400

Email: deq-assist@michigan.gov

Web: <http://www.michigan.gov/deqoea>

MDEQ District Office Locations:

http://www.michigan.gov/deq/0,1607,7-135-3306_3329-12306--,00.html

Warehouse Statistics

The 'Warehouse Statistics' area augments the 'Sites by Source System' bar graph with additional details regarding Site Registry's data warehouse. By selecting different criteria from the available drop down box, users can see additional system tabulated record counts/percentages for each selection (e.g., sites with latitude/longitude (coordinate) data).

Data Access

This area provides navigation buttons to the system's two main applications:

- Map Viewer – A web mapping application used to query facility data by key geographic data points with associated integration to geographic information system (GIS)-like capabilities.
- Inquiry – A web query application used to query facility data by a number of site attributes, including site name, address, environmental interest, compliance history, et cetera.

Please see additional descriptions of these applications below.

Map Viewer

Conducting a Search

To conduct a geographic search, please follow these steps:

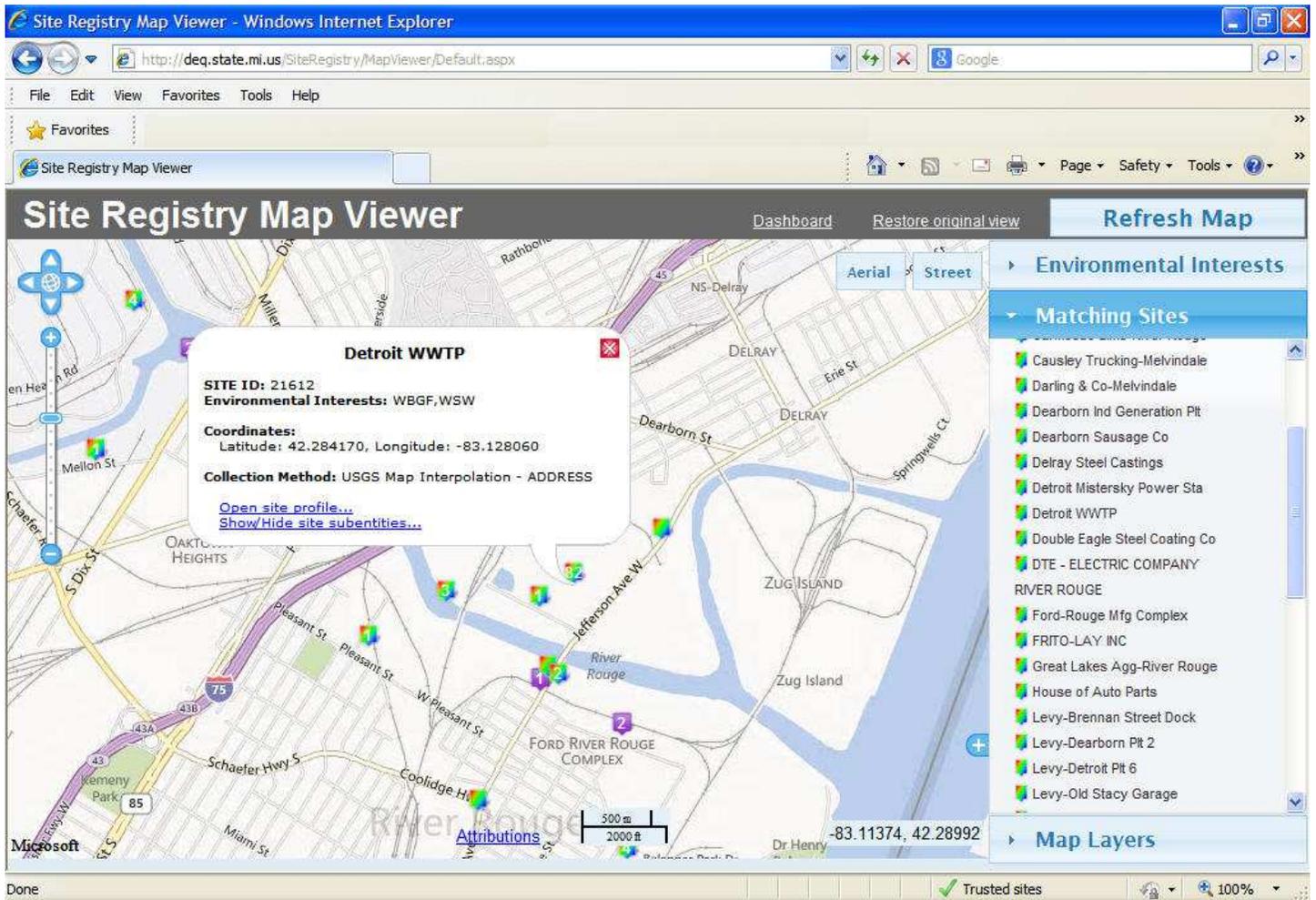
- 1) Select the appropriate Environmental Interest(s) along the right-hand side of the browser window (scroll up/down).

Tip: Selecting too many interests at once, viewing a larger geographic area and/or returning a 'high density' area for sites can cause a long delay in executing the query (i.e., the browser may appear to 'lock up'). This may also significantly slow down subsequent map updates. Unfortunately, the only way to cancel a pending query is to exit the browser.

- 2) Center the map and set the appropriate zoom level using the controls in the upper left-hand corner of the browser OR by clicking and dragging your mouse (to center) and rotating the mouse wheel or double-clicking the map (to zoom).

- 3) Click the light blue 'Refresh Map' button in the upper right-hand corner of the browser window to search for sites that meet your criteria (on the web page itself, *not* the browser refresh button).
- 4) *Optional* – Click on the 'Matching Sites' header along the right-hand side of the browser window to see an alphabetized list of mapped site names (scroll up/down). Sites can also be filtered by name by entering text in the filter box. Click on a site name (row) to view that site's location.
- 5) *Optional* – Click on the 'Map Layers' header along the right-hand side of the browser window and select any additional layers you'd like to see superimposed on the map view.
- 6) *Optional* – Click on the base of a pin to open a balloon with additional information about that location. From within a site's balloon, click on the 'Open site profile...' and/or 'Show/Hide site sub-entities...' hyperlinks to view even more details about the site.

Map Viewer - Screen View (image)



Map Viewer - Screen Features (image)

The screenshot displays the 'Site Registry Map Viewer' application within a Windows Internet Explorer browser window. The interface includes a map of Detroit, Michigan, with several callout boxes pointing to specific features:

- Navigation/zoom controls:** Located in the top-left corner of the map area.
- Integer shows number of subentities:** Points to a small number '2' next to a site marker on the map.
- Example subentity - click base of pin to see details:** Points to a red pin marker on the map.
- Site with multiple environmental interests (multi-colored):** Points to a multi-colored pin marker on the map.
- Site location, click base of pin to open 'detail' balloon:** Points to a red pin marker on the map.
- Map scale:** Points to a scale bar at the bottom center of the map.
- Cursor longitude/latitude display (dynamic - decimal degrees):** Points to the coordinates '-83.11287, 42.29903' displayed at the bottom right of the map.
- Click to navigate back to 'Dashboard':** Points to the 'Dashboard' link in the top navigation bar.
- Click to quickly clear map:** Points to the 'Restore original view' link in the top navigation bar.
- 'Refresh Map' button Click to search or refresh view:** Points to the 'Refresh Map' button in the top right navigation bar.
- Click to open site profile window (additional details):** Points to the 'Open site profile...' link in the detail balloon for 'Detroit WWTP'.
- Click to show locations of site subentities (e.g., outfalls, air stacks, etc.):** Points to the 'Show/Hide site subentities...' link in the detail balloon for 'Detroit WWTP'.
- Click headers to see different options/data:** Points to the 'Environmental Interests' and 'Matching Sites' headers in the right-hand sidebar.
- Click site hyperlink to zoom to site location:** Points to a site name in the 'Matching Sites' list.

The 'Detroit WWTP' detail balloon is open, showing the following information:

- SITE ID:** 21612
- Environmental Interests:** WBGF, WSW
- Coordinates:** 42.284170, Longitude: -83.128060
- Collection Method:** USGS Map Interpolation - ADDRESS
- Links:** [Open site profile...](#), [Show/Hide site subentities...](#)

The right-hand sidebar contains a list of 'Matching Sites' with various site names and icons, and a 'Map Layers' section at the bottom.

Inquiry

Conducting a Search

To conduct a search, please follow these steps:

- 1) Complete the fields in the search engine with information relevant to your search. You can search using any combination of the criteria/fields listed on the 'Site Identification', 'Environmental Interest', 'Geopolitical', 'Spatial', or 'Compliance' tabs.

A 'spatial' search can be conducted by specifying a certain target address or by simply specifying a radius and clicking anywhere on the map. Manually delete the latitude/longitude coordinate and/or address values to remove this criterion from a search.

Your search will return records that match the search criteria.

Tip: You can select multiple criteria by 'Control-Clicking' or 'Shift -Clicking' them (i.e., hold down the 'Ctrl' or 'Shift' key while clicking to select with your mouse).

Note: As search criteria are selected, these entries will be listed in the 'Search Criteria' area at the top or bottom of the page (you may need to scroll up/down to see them). They can be deleted by clicking the 'Clear search criteria' hyperlink.

- 2) Use combinations of the search fields to narrow in on your target. If a search fails, try broadening or eliminating some of the field criteria and search again. As mentioned previously, the 'Search Criteria' area at the top/bottom of the search page will list all field criteria currently selected for your query.
- 3) *Optional* – Use the 'text qualifier' drop down boxes (i.e., 'Contains', 'Exact', 'Starts With', 'Ends With') to further qualify entered text.

Tip: A '%' symbol can be used in conjunction with the 'text qualifier' boxes to act as a wild card in the field and represent one or many characters. A '%' directly before and/or after a group of letters in a name will give you any site that has that group of letters within the name, e.g. 'air%' will give you 'airport' and 'air pollution' (including the space). A '%' with a space (or spaces) before and/or after a group of letters will give you any site whose name contains those groups of letters, including the space(s), e.g. 'lake orion % cleaners' will give you 'Lake Orion Wonder Cleaners' (which contains two spaces) but *not* 'Lake Cleaners' (which contains only one). Likewise, 'lake % % cleaners' (with a 'Contains' qualifier) will yield 'Hopkins Lake Laundry Dry Cleaners' and 'Lake Orion Wonder Cleaners' (which each contain three spaces) but *not* 'Lakeshore Dry Cleaners' (which contains only two). However, 'lake% % cleaners' would indeed return the latter case too.

Note: Site Registry also automatically searches on alternate/former names. Sites that are returned that do not at all appear to meet current search criteria may have been returned due to an alternate name.

- 4) *Optional* – Set the ‘Show ‘x’ matching sites per page’ dropdown box value in the lower left-hand corner of the window (i.e., 10, 25, 50 or 100). The greater this value, the more likely your site will be displayed on the first page. Either way, please remember to click on to other page views if the number of results exceeds this value.
- 5) Click the ‘Search’ button (in the lower right-hand corner of the page) to search for sites that meet your criteria.

Inquiry - Screen View (image)

Site Registry - Windows Internet Explorer

http://www.deq.state.mi.us/SiteRegistry/Inquiry/Default.aspx

File Edit View Favorites Tools Help

Site Registry

DEQ Department of Environmental Quality

MICHIGAN.GOV
Michigan's Official Web Site

Dashboard | Map Viewer | Inquiry

Search Criteria [Clear search criteria](#)

Site name contains: **Ford**
Environmental interest matches any of the following: **AQD - Air Inventory**
County matches any of the following: **WAYNE**

Show 100 matching sites per page [Refine search criteria](#)

Aerial Street

Lake St. Clair

Trusted sites 100%

Inquiry - Screen Features (image)

Search Criteria
 Site name contains: **Ford**
 Environmental interest matches any of the following: **AQD - Air Inventory**
 County matches any of the following: **WAYNE**

Show **100** matching sites per page

Map navigation/zoom controls
Map navigation/zoom controls
Map navigation/zoom controls

Site location, click base of pin to open 'detail' balloon
Site location, click base of pin to open 'detail' balloon

Click to change pagination
Click to change pagination

Click to open site profile (additional details)
Click to open site profile (additional details)

Page navigation buttons
Page navigation buttons

Click to start over with a new search
Click to start over with a new search

Click to refine existing search criteria and search again
Click to refine existing search criteria and search again

Click to toggle between aerial (photo) and street (map) views
Click to toggle between aerial (photo) and street (map) views

Click to close 'detail' balloon
Click to close 'detail' balloon

Number of sites matching search criteria
Number of sites matching search criteria

Site selection checkbox; use to map, export or profile several sites at once (see hyperlinks at the bottom of the page)
Site selection checkbox; use to map, export or profile several sites at once (see hyperlinks at the bottom of the page)

Click to export selected site information to comma delimited text file (.csv).
Note: Currently, the system exports each type of information separately (e.g., name/address, environmental interest, etc.). Use the 'FACILITY_SEQ' (Site Registry ID) field to relate/associate the data.

Click to select/clear all checkboxes
Click to select/clear all checkboxes

Click to map selected site(s)
Click to map selected site(s)

Click to profile selected site(s)
Click to profile selected site(s)

Export selected **Map selected** **Profile selected**

Matching sites: 29
Matching sites: 29

Open site profile...
Open site profile...

Coordinates:
 Latitude: 42.277393, Longitude: -83.405380

Address: 37625 MICHIGAN AVE E, WAYNE, WAYNE 48184

SITE ID: 28163

FORD MOTOR CO/ WAYNE COMPLEX

BILL BROWN FORD
 30400 PLYMOUTH RD, LIVONIA, WAYNE 48150

JORGENSEN FORD
 3549 LONNYO ST, DETROIT, WAYNE 48210

WAYNE 48223

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Reference Information

Abbreviations & Acronyms

Acronym	Translation	Definition
104(b)	Section of Federal Law	AOC grant
201 Site	201 Site	List of contaminated sites ranked under Part 201
303(d)	Clean Water Act Section 303(d) List	Lists waters threatened or don't meet WQS, need TMDL
305(b)	Clean Water Act Section 305(b) Report	"Non-attainment list" + rpts on quality of water resources
307 Site	307 Site	Former list of contaminated sites ranked under Act 307
319	Section 319 of Federal Regulations	Source of grant monies for NPS projects
403 Regs	40 CFR Part 403	Federal regulations which contain IPP requirements
503 Regs		Federal law regulating municipal biosolids
604(b)	Section of Federal Law	Water quality grant
AC	Activated Carbon	Often used to treat for BTEX & other organic contamin.
ACO	Administrative Consent Order	Processed by C&E section
Act 245	Water Resources Commission Act	Now Part 31 - Deals w/ water quality, permitting, enfcmnt
Act 307	Michigan Environmental Response Act	Former "Polluter Pay" law (MERA) now Part 201
Act 98	Sewerage Systems Act	Now Part 41 - Deals w/ construction at POTW's
ACWA	Association of Clean Water Administrators	Nat. nonpartisan professional org. of state CWA admins.
ANC	Aquatic Nuisance Control	WRD prog. -issues aquatic veg. herbicide/harvest permits
ANCR	Annual Noncompliance Report	EPA noncompliance report for non-major facilities w/ IP's
AOC	Area of Concern	Contaminated area for which a RAP has been developed
APA	Authorized Public Agency	Self-regulating for soil erosion & sedimentation control
AQD	Air Quality Division	
ARCS		Sediment cleanup
ASCS	Agricultural Stabilization and Conservation Service	
ASWM	Association of State Wetland Managers	Nonprofit organization promotes wetland ed & protection
ATL	Aquatic Toxicity Lab	Former lab run by GLEAS/SWAS, conduct WET testing
Audit	IPP Audit Inspection	
AWR	Annual Wastewater Report	
BCC	Bioaccumulative Chemical of Concern	Chemical-collects in fatty tissues-increases up food chain
Biosolids	Biosolids	Residuals from sanitary sewage treatment
BMP's	Best Management Practices	NPS or storm water measures to reduce/elim.

		pollution
BMR	Baseline Monitoring Report	IPP-related report from a categorical IU to a municipality
BOD	Biochemical Oxygen Demand	
BTEX	Benzene, Toluene, Ethylbenzene, Xylene isomers	Components of gasoline, used as indicators of contamin.
BY	Basin Year	
C&E Section	Compliance & Enforcement Section	WRD section-process referrals fr field for advanced enf.
C3	Computer Coordination Committee	Comprised of 1 rep fr ea district-discuss computer needs
C3	Clean Corporate Citizen	EAD prog.-recognize private sector environmental efforts
CAFO	Confined Animal Feeding Operation	Large "Factory Farms". Many animals in confined area.
CAP	Corrective Action Plan	Contains tasks & schedules to correct noncompliance
CBOD	Carbonaceous Biochemical Oxygen Demand	
CCH	Contested Case Hearing	Permittee/public-requested hearing re: permit conditions
CEA	County Enforcing Agent	Helps implement soil erosion and sedimentation control
CESARS	Chemical Evaluation Search and Retrieval System	Database developed in cooperation w/ Ontario MOE
CEI	Compliance Evaluation Inspection	Mid-level inspection,set questions,more formal than recon
CES	Cooperative Extension Service	
CFR	Code of Federal Regulations	Numbering system for referencing Federal regulations
CFS	Cubic Feet per Second	
CHD	County Health Department	
CIWPIS	Coastal & Inland Waters Permit Information System	Former LWMD database;tracks wetland/inland lake permits
CIU	Categorical Industrial User	Industrial user with specific discharge limits set by Feds.
CJ	Consent Judgement	Court order processed by C&E section
Clear Water	Storm water or ground water	Want to keep out of sanitary sewer; see I & I
CMI	Clean Michigan Initiative	Bond monies for environmental programs
CNMP	Comprehensive Nutrient Management Plan	Farm waste storage, applic., disposal, BMP's, O&M, etc.
CO	Conservation Officer	MDNR law enforcement officer/game warden
COC	Certificate of Coverage	Document which provides general permit coverage
COD	Chemical Oxygen Demand	
Comp Time	Compensatory Time	Not over time, time paid that can be used like vacation-AL
CRWC	Clinton River Watershed Council	Local non-profit advocacy group (www.crowc.org)
CSI	Compliance Sampling Inspection	A CEI inspection with added effluent sampling
CSO	Combined Sewer Overflow	Treated or raw discharge of sanitary sewage/rain mix
CSO & RSB	Combined Sewer Overflow & Raw Sewage Bypass	CSO & a discharge of undiluted raw sewage wastewater
CWA	Clean Water Act	Federal act protects water quality

CXI	Compliance Sampling Inspection (w/ toxics)	A CEI inspection with added <i>toxics</i> effluent sampling
DACO	District Administrative Consent Order	Formal enforcement action processed at the district
"Dailies"	Daily Discharge Monitoring Report	Same as DMR, except contains daily info vs summaries
DARTS	Data Archive and Retrieval Transfer System	
DB	Database	
DCA	District Compliance Agreement	Formal enforcement action, needs district supvr signature
DDT	Dichlorodiphenyltrichloroethane	Banned insecticide, persistent/bioaccum./prob. carcinogen.
DELEG	Department of Energy, Labor & Economic Growth	<i>Pronounced D-leg.</i>
Designated Use	Designated Use	Legally protected use of State waters (e.g., irrigation)
DEQ	Department of Environmental Quality	
DFO	Director's Final Order	Formal enforcement action, needs director's signature
DIT	Department of Information Technology	Handle desktop and network computer admin state-wide
DMB	Department of Management & Budget	Handle facility management, security, contracts, etc.
DMR	Discharge Monitoring Report	Monthly report permittees submit to report effluent quality
DNAPL	Dense Non-Aqueous Phase Liquid	<i>D napple.</i> A type of petroleum (free) product
DNR	Department of Natural Resources	
DNRE	Department of Natural Resources & Environment	Former department name.
DOJ	Department of Justice (U.S.)	
DPW	Department of Public Works	
DRC	Design Review Committee (now DEC)	Field engineering committee, discuss WWTP design/rev.
DTMB	Dept. of Technology, Management & Budget	Newer department, combo of former DIT & DMB
DW&RPD	Drinking Water & Radiological Protection Division	<i>dwerp.</i> Handle drinking water quality/plts & radiation equip
E2 System	Electronic Environmental System	Database for receiving electronic enviro. rpts, see E-DMR
EAC	Environmental Assistance Center	ESSD public call ctr for enviro questions - (800) 662-9278
EAD	Environmental Assistance Division	Former DEQ div. providing environmental program info. to public
ECO	Environmental Conservation Officer	An MDEQ CO-specializes in criminal env violations-OCI
ECOS	Environmental Council of the States	Nat.non-profit/partisan assoc promotes st. enviro protect
e-DMR System	Electronic Discharge Monitoring Reporting System	Database allows electronic submittal of monitoring rpts.
EIT	Engineer in Training	An engineer who does <i>not</i> hold a state eng. lic. (PE)
EPA	Environmental Protection Agency (U.S.)	
EQA	Environmental Quality Analyst	Gen. env. position w/ ed. background wide array sciences
EQ Basin	Equalization Basin	Tank built to retain excess inbound wastewater flows
EQS	Environmental Quality Specialist	Higher level position, work more specialized or statewide

ERD	Environmental Response Division	Former name for RD/RRD, cleanup of contam. sites
ERMD	Environmental Resources Management Division	Former hazardous, solid, liquid, medical & radioactive wastes
ERP	Enforcement Response Plan	IPP-related municipal enf plan, for sanitary sewer users
ESSD	Environmental Science & Services Division	Former EAD, now OEA
EU	Enforcement Unit	Compliance & enforcement unit staff - Lansing (aka C&E)
Exceptions List	Exceptions List	EPA list-facilities w/ two consecutive qtrs on QNCR
FATE	Fate and Treatability Estimator	EPA computer program, develops IPP local limits
FAQ	Frequently Asked Questions	
FAV	Final Acute Value	
FAWCAC	Fish & Wildlife Contaminant Advisory Committee	Coord contaminant monitoring, issue consumpt.advisories
Fisheries Div	Fisheries Division	MDNR div. handle fisheries mgmt, coordinate on fish kills
FOIA	Freedom of Information Act (request)	Request fr. public for access to/copies of govt records
Force Main	Force Main	Pressurized san. sewer pipe, conveys ww over long dist.
FOTR	Friends of the Rouge (River)	Local non-profit advocacy group (www.therouge.org)
"Free Product"	Free Product	Undissolved regulated substance (often petro) >1/8" thick
FY	Fiscal Year	For WRD, Oct. 1 - Sept. 30
GACO	General Administrative Consent Order	Formal enforcement action
GIS	Geographic Information System	Computer-based georeferenced info syst w/ map abilities
GLEAS	Great Lakes and Environmental Assessment Section	Former name of WRD aquatic biologists in Lansing
GLMD	Geological & Land Management Division	Combo of parts of former GSD and LWMD
GLI	Great Lakes Initiative	Uniform process for det. WQS for G. Lake states
GLRI	Great Lakes Restoration Initiative	Multi-agency Federal program restore & protect G. Lakes
GP	General Permit	Standardized permits (MIG, MIR, etc.)
GPM	Gallons per Minute	
GR	Grand Rapids	
GSD	Geological Survey Division	MDEQ div. handle current/abandoned oil/gas wells
GSI	<u>Groundwater/Surface Water Interface</u>	
GW	Groundwater	
GWCU	Groundwater Cleanup	
HAZWOPER		Federally required PEAS/safety training
HCB	Hexachlorobenzene	
HD	Health Department	
I & I	Inflow & Infiltration via downspout, manhole, cracks	Storm or ground (clear) water flow to sanitary sewer
IC	Incident Commander	Person in charge response site (Incident Command Syst.)
IDEP	Illicit Discharge Elimination Program	MS4 requirement-eliminate connections to storm sewers.
IP	Individual Permit	NPDES permit issued by Lansing (MI000, MI002, etc.)
IPP	Industrial Pretreatment Program	Fed prog req'd of municipalities-reg sanitary sewer

		disch
IRAP	Interim Remedial Action Plan	<i>Eye rap</i> -Corrective measures while RAP is completed
IT	Information Technology	
IU	Industrial User	Industrial user discharging to sanitary sewer under IPP
JCAR	Joint Committee on Administrative Rules	<i>Jay car.</i> Legislative committee approves State rules
L&WMD	Land & Water Management Division	MDEQ div.-wetlands, floodplains, shorelines, soil erosion
LD ₅₀	Lethal Dose 50	Concentration of toxicant where 50% of organisms die
LEA	Local Enforcing Agent	Local public/private agency admin. soil erosion control
LED	Law Enforcement Division	MDNR conservation officers/game wardens (CO's)
LHD	Local Health Department	
LNAPL	Light Non-Aqueous Phase Liquid	Pronounced <i>L napple</i> . A type of petroleum (free) product
Local Limits		Municipal limits, indust./commercial disch. to WWTP
LUST	Leaking Underground Storage Tank	See STD
LWMD	Land & Water Management Division	Former name of wetlands, inland lakes & streams division
MAERS	Michigan Air Emissions Reporting System	Air Quality Division's main program database
MATC	Maximum Acceptable Toxicant Concentration	Geometric mean of upper/lower chronic limits from a test
MCL	Michigan Compiled Laws	
MDA	Michigan Department of Agriculture	
MDAG	Michigan Department of Attorney General	
MDARD	Michigan Dept. of Agriculture & Rural Develop.	Former MDA
MDEQ	Michigan Department of Environmental Quality	
MDCH	Michigan Department of Community Health	
MDOT	Michigan Department of Transportation	Pronounced <i>M dot</i> .
MERA	Michigan Environmental Response Act	Former Act 307, "Polluter Pay" law, now Part 201
MFS	Municipal Facilities Section	EAD section overseeing SRF and grant monies
MG	Million Gallons	
MGD	Million Gallons per Day	
MHC	Mobile Home Community	
MHP	Mobile Home Park	
MIR000000	Storm Water Permit	Old permit covering industrial/commercial discharges
MIR010000	Storm Water Permit	Old permit covering industrial/commercial discharges
MIR020000	Storm Water Permit	Old permit covering secondary containmt/sig. contrib/201
MiSWIM	Michigan Surface Water Information Management	Database of surface water monitoring sites & related data
MiWaters	Mich. Water & Terrestrial Ecology Report. System	Division database, combo of NMS & CIWPIS + others
MMC	Multi-Media Coordinator	Rotating district/field position, handles MM issues/response
MOA	Memorandum of Agreement	

MOE	Ministry of the Environment	Ontario (Canada) pollution control agency
MOR	Monthly Operating Report	Daily breakdown of facility's effluent mon. or operations
MOU	Memorandum of Understanding	Formal workload/process agreement bet. Divs. or Depts.
MS4	Municipal Separate Storm Sewer System	Storm sewer system usually regulated by sw permit
MSP	Michigan State Police	
MSO	Marine Safety Office	USCG Detroit emergency spill response center
MUSTFA	Michigan UST Financial Assurance	Financial program to support cleanup of LUST sites
NH ₃ ⁺	Ammonia Nitrogen	
NIMBY	Not In My Backyard	Locally feared or unsupported project
NL	Notice Letter	Certified non-formal enforcement ltr (staff signature)
NMS	NPDES (Permit) Management System	Current electronic permit writing and C&E system
NNC	Notice of Noncompliance	Certified formal enforcement letter (DS signature)
NOC	Notice of Coverage	SW document which provides general permit coverage
NOEC	No Observable Effect Concentration	Concentration up to which there are no observable effects
NOI	Notice of Intent	Indust/commercial stormwater app to discharge SW
Non-Structural Control		Procedures or actions aimed at minimizing pollution
NOT	Notice of Termination	Indust/commercial stormwater request for termination
NOV	Notice of Violation	Processed by C&E section
NPDES	National Pollutant Discharge Elimination System	Federal Clean Water Act wastewater disch. permit program
NPS	Nonpoint Source	Diffuse or widespread pollutant source (e.g. overland flow)
NRCS	Natural Resources Conservation Service	
NRDA	Natural Resource Damage Assessment	Assessment work & file review in prep. for law suit
NRDL	Natural Resource Damage Litigation	DEQ law suit against GM, Bay City, Sag. for PCB's
NREPA	Natural Resources & Environmental Protection Act	
O&M	Operation and Maintenance	
O&M Manual	Operation and Maintenance Manual	Manual describing O&M procedures at a facility
ODWMA	Office of Drinking Water & Municipal Assistance	
OEA	Office of Environmental Assistance	MDEQ office-public assist., training, seminars, flyers, etc.
OGL	Office of the Great Lakes	MDEQ office-coordinate info/projects on Great Lakes
OHWM	Ordinary High Water Mark	
OOGM	Office of Oil, Gas and Minerals	Former GSD, handle current/abandoned oil/gas wells
OWIS	Online Web Inquiry System	Publically avail. database for NPDES permit information
OWM&RP	Office of Waste Management & Radiological Protection	
P2	Pollution Prevention	Waste recycling/reduction, conservation, spill prevention
PA	Public Act	e.g., PA 451 of 1994
PAH's	Polynuclear (cyclic) Aromatic Hydrocarbons	Heavier petroleum products (diesel, fuel oil, etc.)

Part 201	Part 201	State law covering site cleanup procedures & criteria
Part 21	Part 21 Rules	Rules of Part 31 which require discharge permits
Part 22	Part 22 Rules	Rules of Part 31 which require groundwater permits
Part 24	Part 24 Rules	Rules of Part 31 which deal w/ land application biosolids
Part 31	Part 31 of NREPA - Water Resource Protection	Formerly Act 245, Water Resources Commission Act
Part 4	Part 4 Rules	Rules of Part 31 which establish water quality standards
Part 41	Part 41 of NREPA - Sewerage Systems	Formerly Act 98, Sewerage Systems. Const. at POTW's
PBB	Polybrominated Biphenol	
PCB	Polychlorinated Biphenol	Persistent toxic carcinogen and BCC
PCI	Pretreatment Compliance Inspection	Mid-level IPP inspection, can sometimes involve IU visit
PCS	Permit Compliance System	Fed database, tracks NPDES permit/effl limit compliance
PE	Professional Engineer	State licensed eng., req'd to seal plans/issue permits, etc
PEP	Public Education Program	MS4 requirement-educate public re: watershed/SW P2.
PEAS	Pollution Emergency Alerting System	24 hr spill hotline-district staff respond to spills/complaints
PECC	Pollution Emergency Communication Coordinator	Lansing DEQ staff, forward PEAS Hotline calls
PERM	Program for Effective Residuals Management	Sludge (biosolids) disposal plan
Permit by Rule	Permit by Rule	Piggy-backing one permit on another as in storm water
PM	Particulate Matter	One form of measured air pollution, categorized by size
PMP	Pollution Minimization Plan	Plan to identify and reduce/eliminate pollutant source(s)
PNA's	Polynuclear Aromatic (Hydrocarbons)	Heavier petroleum products (diesel, fuel oil, etc.)
Point Source	Point Source of Pollution	Very concentrated/localized pollutant source (e.g., pipe)
POTW	Publically Owned Treatment Works	Publically owned wastewater treatment plant
PPB	Parts Per Billion	Concentration of substance (ug/L or ug/Kg)
PPE	Personal Protection Equipment	Hardhat, ear plugs, safety glasses, steel-toed boots, vest
PPM	Parts Per Million	Concentration of substance (mg/L or mg/Kg)
PPP	Public Participation Process	MS4 reqt-involve watershed jurisdct/public/orgs in WMP
PPQ	Part Per Quadrillion	Concentration of substance
PRELIM		EPA computer program, develops IPP local limits
Program	Program	Work related to specific area (NPS, IPP, Right-to-Farm)
PRP	Potentially Responsible Party	Entity potentially responsible for a spill or illegal dumping
PS	Pump Station	Station to pump sewage over distances via force main
PSBW	Partnership for Saginaw Bay Watershed	Union of governments & citizens-further watershed issues

RPF	Refined Petroleum Fund	
Q1, Q2, Q3, Q4	Quarter (of the year)	Can be on a calendar or fiscal year basis
QNCR	Quarterly Noncompliance Report	PCS report, shows non-compliant facilities
QOL	Quality of Life (group)	Incl. MDEQ, MDNR and MDARD
RAM (Center)	Ralph A. MacMullan Conference Center	DNR run conference center located in Roscommon
RAP	Remedial Action Plan	A document containing site data & plans for cleanup
RC & D	Resource Conservation and Development Council	
RD	Remediation Division	Handles cleanup of contam. sites; LUST & MUSTFA
Recon	Reconnaissance Inspection	Brief (informal) site inspection, no set format
Region V	USEPA Regional Office	Regional office covering the midwest, located in Chicago
RETAP	Retired Engineer Technical Assistance Program	Provide on-site P2 help to businesses w/ <500 employee
Retention Basin	Retention Basin	Tank built to retain wastewater for later treatment vs RTB
Retention Basin	Retention Basin (storm water)	Pond constructed to catch spills/treat sw prior to disch
RFC	Request For Change	Formal enterprise hardwr/software chg submitted DTMB
RFP	Request For Proposal	Div. request for grant project proposals & their response
RIFS	Remedial Investigation and Feasibility Study	Provides plan for collecting data & eval. cleanup options
Right-to-Farm	Right-to-Farm	MDA program protects farmers from nuisance complaints
Right-to-Know	Federal Hazard Communication Standard	Req. employers to label & inventory chemicals, +MSDS
RMD	Resource Management Division	Former WMD/WHMD + other
RMP	Residuals Management Plan	WWTP/WWSL mgmt plan for land app biosolids- Part 24
RNC	Reportable Noncompliance	Permittee exceeds limits by certain amount or frequency
ROW	Right of Way	Often publicly-owned property adjacent to utility/service.
RP	Responsible Party	Entity identified as responsible for a spill/illegal dumping
RRD	Remediation and Redevelopment Division	Former ERD or RD
RSB	Raw Sewage Bypass	Undiluted raw sewage discharge
RSD	Raw Sewage Discharge	(See above)
RTB	Retention Treatment Basin	Tank built to retain & treat wastewater before disch- CSO
Rule 57	Rule 57 of former Act 245	Rule & process for developing WQS, incl. chronic tox.
Rule 82	Rule 82 of former Act 245	Establishes acute aquatic toxicity standards
Rule 97	Rule 97 of former Act 245	Water resource management projects, eg lamprey contrl
SARA	Superfund Amendment & Reauthorization Act	
SARA Title III	Emergency Planning & Community Right to Know	Release rpts-TRI, State/local emerg planning, wrker mon.
SCD	Soil Conservation District	
SCS	Soil Conservation Service	

SDWIS	Safe Drinking Water Information System	Pronounced 'sid wis'. Drinking water prog. main database
SEE	Senior Environmental Employee(s)	Fed. funded program to hire formerly retired environ. staff
SEMDO	Southeast Michigan District Office	
SEMI	Southeast Michigan (district)	
SIC Code	Standard Industrial Code	U.S. Dept. of Commerce classification system
SIU	Significant Industrial User	IPP sanitary sewer disch. > 25k GPD/ >5% WWTP load
SMT	Senior Management Team	MDEQ senior management, headed by Director
SNC	Significant Noncompliance	Permittee exceeds limits by greater amount or frequency
SOM	State of Michigan	
SR	Site Registry (Database)	Publically avail. MDEQ-wide database of environ. sites
SRF	State Revolving Fund	State-sponsored low interest loans for POTW construct.
STD	Storage Tank Division	Former MDEQ div. handled leaking above/under grd tanks
STORET	Storage and Retrieval Database	EPA water quality database
STWCS	Short Term Waste Characterization Study	Permit/enf. req'd study to det. if pollutant(s) are of concern
SW Program	Storm Water Program	NPDES permit program regulates industrial/municipal sw
Structural Control		Engineered/contracted to control pollution- eg.contain.wall
Sub-watershed	Sub-watershed	A watershed within a larger watershed
SUO	Sewer Use Ordinance	Municipal legal authority, regulates use of sanitary sewer
SVN	Second Violation Notice	Second level of district enforcement; formerly NNC
SW	Storm Water	
SW3P	Storm Water Pollution Prevention Plan	Procedures to minimize storm water pollution discharges
SWAS	Surface Water Assessment Section	Newer name for GLEAS (aquatic biologists in Lansing)
SWMP	Storm Water Management Program	See SWPPP
SWPPP	Storm Water Pollution Prevention Plan	Pronounced 'swippy'. Procedures min SW pollution disch.
SWQD	Surface Water Quality Division	
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	Dioxin
TDS	Total Dissolved Solids	
TMDL	Total Maximum Daily Load	Total loading of a pollutant to a waterbody (e.g., P)
TIRE	Toxicity Identification/Reduction Evaluation	Plan to identify and reduce/eliminate toxic source(s)
TRI	Toxic Chemical Release Inventory	Lists releases & off-site transfers of toxic chemicals
TSS	Total Suspended Solids	
USCG	United States Coast Guard	
USEPA	United States Environmental Protection Agency	
USFWS	United States Fish and Wildlife Service	
UP	Upper Peninsula (of Michigan)	
UST	Underground Storage Tank	
VN	Violation Notice	Initial district enforcement, formerly known as Notice

		Ltr.
VOC's	Volatile Organic Hydrocarbons	Petroleum products-readily evaporate (gas, spirits, etc.)
Watershed	Watershed	Land area drained by a particular stream
WB	Water Bureau	New name of WD
WD	Water Division	Combo of parts of former SWQD & DW&RPD, ww & drink
WDS	Waste Data System	Waste division's main database (hazardous + non-haz.)
Wellogic	Wellogic (database)	Publically avail. water well drilling records
WET	Whole Effluent Toxicity	Bioassay test w/ effluent dilutions, incl synergistic effects
WHMD	Waste and Hazardous Material Division	Former WMD
Wildlife Division	Wildlife Division	MDNR div. handles wildlife management issues
WIP	Wetlands Identification Program	Program experts delineate wetland boundaries
WLA	Waste Load Allocation	Process of distributing assimilative capacity of a stream
WMD	Waste Management Division	MDEQ div. handles gw disch/hazardous waste/landfills
WMP	Watershed Management Plan	MS4-ID act. resolve water qual/quan prob & foster coop.
WRD	Water Resources Division	New name for WB, handles WW, SW, GW discharges
WQBEL	Water Quality Based Effluent Limit	Pronounced 'Q-bell'
WQS	Water Quality Standards	
WTA	Water Treatment Additive	
WW	Wastewater	Contaminated water (eg, sanitary sewage, process water)
WWSL	Waste Water Sewage Lagoon	Typically earthen, clay-lined pond, treats wastewaters
WWTP	Wastewater Treatment Plant	Can be either publicly or privately owned

Environmental Interest Codes & Descriptions

Code - Description	Originating System	Source System Office/Division
AER - Air Inventory	MAERS	Air Quality Division (AQD)
CESQG - Conditionally Exempt Generator of Hazardous Waste	WDS	Office of Waste Management and Radiological Protection (OWMRP)
COMPOST - Composting Program	WDS	Office of Waste Management and Radiological Protection (OWMRP)
EWASTE - Electronic Waste Recycling Program	WDS	Office of Waste Management and Radiological Protection (OWMRP)
LIW - Liquid Industrial Waste	WDS	Office of Waste Management and Radiological Protection (OWMRP)
LQG - Large Quantity Generator of Hazardous Waste	WDS	Office of Waste Management and Radiological Protection (OWMRP)
MINWELL - Mineral Well (Part 625)	MIR	Office of Oil, Gas and Minerals (OOGM)
OILGAS - Oil and Gas (Part 615)	MIR	Office of Oil, Gas and Minerals (OOGM)
OILGASTB - Oil and Gas Tank Battery (Part 615)	MIR	Office of Oil, Gas and Minerals (OOGM)
PART115 – PART 115 Authorized	WDS	Office of Waste Management and Radiological Protection (OWMRP)
REFUSEDISP - Solid Waste Refuse	WDS	Office of Waste Management and Radiological Protection (OWMRP)
SCRAPTIRE - Scrap Tires	WDS	Office of Waste Management and Radiological Protection (OWMRP)

Code - Description	Originating System	Source System Office/Division
SDWIS - Safe Drinking Water Information Program	SDWIS	Office of Drinking Water and Municipal Assistance (ODWMA)
SQG - Small Quantity Generator of Hazardous Waste	WDS	Office of Waste Management and Radiological Protection (OWMRP)
TRANSP - Hazardous Waste Transporter	WDS	Office of Waste Management and Radiological Protection (OWMRP)
TRI - Toxic Release Inventory	TRI	Office of Environmental Assistance (OEA)
TSD - Treatment, Storage or Disposal Facility	WDS	Office of Waste Management and Radiological Protection (OWMRP)
UOPROGRAM - Used Oil Program	WDS	Office of Waste Management and Radiological Protection (OWMRP)
WANC - Aquatic Nuisance Control (NPDES/Part 33)	NMS	Water Resources Division (WRD)
WBGF - Biosolids Generating Facility (NPDES/Part 24)	NMS	Water Resources Division (WRD)
WBLAS - Biosolids Land Application Site (NPDES/Part 24)	NMS	Water Resources Division (WRD)
WCAFO - Confined Animal Feeding Operation (NPDES/Part 31)	NMS	Water Resources Division (WRD)
WGW - Ground Water (NPDES/Part 22)	NMS	Water Resources Division (WRD)
WO - Other	NMS	Water Resources Division (WRD)
WSEC - Soil Erosion Control (Part 91)	NMS	Water Resources Division (WRD)

Code - Description	Originating System	Source System Office/Division
WSW - Surface Water (NPDES/Part 31)	NMS	Water Resources Division (WRD)
WSWC - Storm Water Construction (NPDES/Part 31)	NMS	Water Resources Division (WRD)
WSWIC - Storm Water Industrial/Commercial (NPDES/Part 31)	NMS	Water Resources Division (WRD)
WSWM - Storm Water Municipal (MS4) (NPDES/Part 31)	NMS	Water Resources Division (WRD)

Glossary

Affiliate Mailing Address - The mailing address for the affiliate (i.e., an organization or person that is associated with the site - for example, the owner or site contact).

Affiliate Name - The name of the affiliate (i.e., an organization or person that is associated with the site - for example, the owner or site contact).

Affiliate Phone Number - The phone number to contact the affiliate (i.e., an organization or person that is associated with the site - for example, the owner or site contact).

Affiliate Type - The type of the affiliate (e.g., the owner or site contact).

Alternative IDs - A list of other identification numbers that are associated with the site. These come from other DEQ systems and can include anything from alternative system identification numbers to regulatory permit number.

Alternative Names - A list of other names by which the site is known. These can either be alternative business names, names that are used by some DEQ staff to better describe the facility for their own purposes, or names that the site used to go by, but have since changed.

Assessed Amount - Monetary amount relating to the assessed penalty. EXAMPLE: \$35,000

Assessed Penalties and Costs - Monetary assessment as a result of compliance actions.

Assessment Comments - Supporting information detailing any notable aspect of the assessed penalties otherwise not captured within the assessed penalties data elements. EXAMPLE: Agreed amount between DEQ and Site X.

Assessment Type - The type of financial assessment against a site for a compliance action. EXAMPLE: Agreed Penalty

Associated Parties - Specific persons or organizations against which the enforcement action was taken.

Associated Violations - Noncompliance with one or more legally enforceable obligations by a regulated entity, as

determined by a responsible authority. These violations have been addressed by the selected enforcement action. It is important to note that the same violation may be addressed by multiple enforcement actions; as the violation progresses through the enforcement process. The violation can be uniquely identified by the Determination Date, Program and Citation(s).

Collection Method - The way that the geographic location coordinate was determined. This can include using a hand-held GPS unit, deriving the coordinate from the address (Address Matching), using a map to manually determine the location, or the coordinate reported by the entity to the agency.

Compliance Details - Compliance data for the facility, aggregated by Michigan DEQ division. Each division may be responsible for many regulatory programs

Compliance End Date - End of date range for compliance search. Will search for sites that have compliance records between the search date ranges. Selecting the "Return Sites" categories will further narrow the search EXAMPLE Enforcement Actions were taken Date range 01/01/01-12/31/01 - Will return all sites that have had enforcement actions taken within the date range.

Compliance Start Date - Beginning of date range for compliance search. Will search for sites that have compliance records between the search date ranges. Selecting the "Return Sites" categories will further narrow the search EXAMPLE Enforcement Actions were taken Date range 01/01/01-12/31/01 - Will return all sites that have had enforcement actions taken within the date range.

Congressional District - The Congressional District in which the site resides.

Criteria Selected - All of the criteria that has been entered for searching. This is useful if the user wishes to print the list of entities displayed, and would like to include the criteria that was used to determine that list.

Date Enforcement Action Taken - The date in which the enforcement action was issued to the site. EXAMPLE: 02/21/2005

DEQ Contact - The contact information should a person wish to request additional information about a particular site.

DEQ Contact Phone - The contact phone number to use should a person wish to request additional information about a particular site.

DEQ Division - The DEQ agency division that maintains the data about a particular site.

Display Per Page - The display per page pull-down allows you to select the amount of sites to appear on the result list. The smaller the number (10) the faster the result list will return. The options are 10, 25, 50 and 100, while the default is 100. If there are more sites than the selected display, then a "next" and "previous" link will appear to move through all of the returned sites.

District - The state is divided into 8 districts that are serviced by DEQ field offices in each area.

Enforcement Action Comments - Supporting information detailing any notable aspect of the enforcement action otherwise not captured within the enforcement action data elements. EXAMPLE: Waterbody: East Cold Spring River

Enforcement Action Type - The type of compliance action either documentation or action (e.g., referral) that has been taken in response to a violation. Each enforcement action is described by both a MDEQ agency-wide General type as well as by the specific issuing Division's enforcement type. (e.g., General Type-Program Specific Type).

Enforcement Actions - Information about any kind of action taken to address noncompliance with environmental laws by a regulated entity

Enforcing Programs - The Regulatory programs under which the enforcement action was issued.

Environmental Interest - An Environmental Interest is typically a type of regulation or type of data reporting that is the reason that DEQ has an interest in the site. One site may be of interest to the agency for multiple reasons (e.g., it might generate hazardous waste, report its toxic releases, and own underground storage tanks).

Environmental Interests - An Environmental Interest is typically a type of regulation or type of data reporting that is the reason that DEQ has an interest in the site. One site may be of interest to the agency for multiple reasons (e.g., it might generate hazardous waste, report its toxic releases, and own underground storage tanks).

Evaluation Comments - Supporting information detailing any notable aspect of the evaluation otherwise not captured within the evaluation data elements. EXAMPLE: Waterbody: East Cold Spring River.

Evaluation Date - The date the inspector performed the evaluation of the site. EXAMPLE: 02/25/2005

Evaluation Programs - Regulatory program under which the evaluation took place.

Evaluation Type - The type of evaluation that has taken place at the site. Each evaluation is described by both a MDEQ agency-wide General type as well as by the specific issuing Division's evaluation type. (e.g., General Type-Program Specific Type).

Evaluations/Inspections - Information about the types of activities leading to or resulting in a determination of the compliance status of a regulated entity.

Feedback - The Site Registry, a new pilot project, presenting information about locations of interest to the Michigan Department of Environmental Quality (MDEQ) . Facilities and compliance data from additional MDEQ databases will be added, and improvements to the Registry made, as resources become available. We would appreciate your [feedback](#) with regards to the effectiveness of this resource.

House District - The Michigan House District in which the site resides.

HUC Code - Hydrologic Unit Code is a U.S. Geological Survey code identifying specific watersheds and subwatersheds.

Industry Description - An activity or business operation that takes place at the site and is defined through the use of SIC (Standard Industrial Classification) or NAICS (North American Industry Classification System) codes terminology.

Latitude/Longitude - Specific location for a site based on Latitude/Longitude coordinates.

NAICS Codes - The industry types that describe the business operations at a site. The North American Classification System (NAICS) is a replacement for Standard Industrial Classification (SIC) system; However, some of DEQ's data was collected prior to this migration to the new system. When searching using a SIC code, the system will find any facilities that are in that industry, even if the data about that site is limited to the equivalent SIC code(s).

Party Name - Persons or organizations that are associated to the enforcement action. Also known as recipients. | EXAMPLE: Brian Smith

Party Notes - Supporting information detailing any notable aspect of the associated party otherwise not captured within the associated party data elements. EXAMPLE: Owner at time of action.

Pop-up Blocker - If you have pop-up blocker software you may not be able to use all of the functions that this program has to offer. To work around this, you can: (1) Add the program URL (copy the program homepage web address) to your list of URLs not to block. (Tools - Pop-up Blocker - Pop-up Blocker Settings). or (2) Hold down the "Shift" or "Ctrl" key on your keyboard to temporarily disable the pop-up blocker.

Prior Environmental Interests - Any environmental interests that are no longer 'active'. For example, a permit that has since expired.

Program Id - The identification number used within the originating DEQ system that uniquely identifies the site within that system. Note that the originating system may use a term other than 'site' to describe this data (e.g., Source, Facility, Permittee). If the number is underlined, then you can click on it and you will be transferred to that system which will show the data that is available about the site within that system.

Providing Env. Interest - The agency collects data about sites from many different sources, for example, a permit application, an annual report. Each environmental interest with a site may require an independent way of collecting this data, and the data may be specific to that environmental interest. For example, a Site's site contact for its NPDES permit may be a different person to that Site's contact for its hazardous waste generation activities.

Radius - The query will search results with in the designated the distance from the specific coordinates already noted.

Regulatory Citation(s) - Specific Michigan regulations for which a site may be found to be in violation as defined by the Coverage Area. The regulatory citation or statutory in violation. Specific regulatory citation number. | EXAMPLE: 519(1)

Regulatory Program - The regulatory programs under which sites may be regulated.

Return Sites - Selecting the check box will return sites the meet each category.

Search Alternative Name - Includes a search for all the site's names. Includes all alternative site names that are used to refer to a specific location (e.g., historical names for businesses at the location or the legal business name).

Senate district - The Michigan Senate District in which the site resides.

Show Criteria - When selecting the "Show Criteria on Result Page" option, all criteria selected in the search screen will appear on the top of the result list page. This aids in providing meaning to a printed result list.

SIC Codes - The industry types that describe the business operations at the Site. When searching using a SIC code, the system will find any facilities that are in that industry, even if the data about that facility is limited to the equivalent NAICS code(s).

Site Address - The physical address (which may be different from the mailing address) of the site.

Site Affiliates - The list of known organizations and/or persons that are associated with the site - for example, the owner, operator and/or site contact. This only represents those affiliates known of by the agency. Additionally, these may be different dependent upon the Environmental Interest that resulted in the agency having this information.

Site City - The city that the site resides in.

Site County - The county in which the entity resides.

Site District - The DEQ is regionally organized into Districts, with local offices in each. This is the DEQ District in which the entity resides.

Site ID - Includes the Agency ID number for the site, plus any program ID numbers that may have been brought into the system.

Site Latitude - The latitude component of the site's location coordinates.

Site Location - Location information specifying where the entity resides.

Site Longitude - The longitude component of the site's location coordinates.

Site Name - Name of the Site

Site State Legislative - Michigan is divided into districts that determine congressional districts and which legislature represents your interests. The location of the site is located within a defined district.

Site Zip - The zip code of the site. Does not include Zip+4.

Township/Range/Section - Specific location for a site based on State Township/Range/Section coordinates

Violation Determination Date - Date a determination was made that a violation of environmental laws occurred.
EXAMPLE: 02/20/2005

Violation Notes - Supporting information detailing any notable aspect of the violation otherwise not captured within the violation data elements. EXAMPLE: Return to compliance date= 01/01/01

Violation Program - Regulatory program under which the violation was cited.

Violations - Noncompliance with one or more legally enforceable obligations by a regulated entity, as determined by a responsible authority. These violations are not directly associated to Enforcement Actions in the system. This may be for 1 of 2 reasons A) The source data system does not support the ability to directly link a violation to the addressing enforcement action or B) The source system supports the linking; however the selected violation has not been addressed by an enforcement action

Violations Found - Indicates if one or more violations were determined during the evaluation. Displayed as YES/NO.