

ENVIRONMENTAL RELEASE REPORTING

Release Notification Requirements in Michigan*

This document should be used as a tool to identify potential reporting requirements before a release occurs, and to identify required follow-up reporting based on the release and relevant regulations. It outlines what releases must be reported, when they must be reported, and to whom they must be reported. Refer to individual state and federal acts and regulations for specific information and requirements as this document is not a substitution for individual state and federal acts and regulations).

Always check your facility permits, licenses, registrations, pollution prevention plans, and local ordinances for additional release reporting requirements. In particular, all National Pollutant Discharge Elimination System (NPDES) permits, and most air permits, contain release reporting requirements that are not outlined in this document.

While diligent efforts have been made to assure that the information contained herein is accurate and complete, there is no guarantee that it covers all of the regulatory requirements for release notification and reporting in Michigan*.

This document was prepared by the Michigan Department of Environment, Great Lakes, and Energy - SARA Title III Program.

If the release is an
Immediate **THREAT TO HUMAN HEALTH** or **SAFETY**,
call 911 or your local fire department

*This table covers only those reporting requirements found in rules and regulations that apply in Michigan. **Releases might be reportable under multiple regulations.** Additional reporting requirements might be found in permits, licenses, registrations, contingency and pollution prevention plans, and local ordinances

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Release Notification Requirements in Michigan*

Extremely Hazardous Substances (EHS) and Hazardous Substances

(under SARA Title III, Section 304, 40 CFR 355.40)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>Release of a CERCLA hazardous substance (40 CFR 302, Table 302.4) or Extremely Hazardous Substance (40 CFR 355, Appendix A) from a facility (all buildings, equipment, etc. located on a single site or adjacent sites owned or operated by the same person) at which a hazardous chemical (as defined under 29 CFR 1910.1200(c)) is used, produced or stored (including motor vehicles, rolling stock, and aircraft) in a quantity equal to or greater than its corresponding reportable quantity in any 24-hr period that migrates beyond the facility boundaries.</p> <p>Includes continuous release reportable under CERCLA Section 103.</p> <p>Excludes release that is federally permitted or that results in exposure to persons solely within the boundaries of the facility. See 67 FR 18899 (4/17/02) for guidance on the CERCLA federally permitted release definition for certain air emissions.</p> <p>Does not apply to the application, handling, and storage by an agricultural producer of a pesticide product registered under FIFRA.</p> <p>Excludes release < 1000 lbs. of NO_x released to the air from combustion or combustion-related activities.</p>	<p>Immediate (within 15 minutes after discovery) to: LEPC(s) of any area(s) potentially affected, and SERC (<i>EGLEPEAS line accepts notification on behalf of SERC</i>) by owner or operator.</p> <p>Continuous releases must be identified as such and are reported initially and when there is a significant change in the release.</p> <p>See 73 FR 76948 (12/18/08): Only CAFOs are required to report continuous releases to the air from animal waste.</p> <p>Transportation-related releases can be reported to 911.</p>	<p>As soon as practicable (within 30 days) after release: to LEPC(s) and SERC.</p> <p>Not required for releases that occur during transportation or from storage incident to transportation.</p> <p>For continuous releases: Initial written within 30 days after initial telephone notification: to LEPC(s) and SERC.</p> <p>Michigan SARA Title III Program accepts reports on behalf of the SERC.</p>	<p>PEAS: 800-292-4706</p> <p>Contact your LEPC for a phone number to report releases.</p> <p>Call 911 if your LEPC is not active.</p> <p>For further information & LEPC contact information, contact Michigan SARA Title III Program 517-284-7272</p>

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Release Notification Requirements in Michigan*

Hazardous Substances

(Under CERCLA, Section 103, 40 CFR 302)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>Release into the environment of a CERCLA hazardous substance (40 CFR 302, Table 302.4) or hazardous constituent in a mixture or solution (including hazardous waste streams) from a vessel or facility (any building, structure, etc. including motor vehicles, rolling stock, aircraft, pipe, pipeline, well, pond, lagoon, impoundment, ditch, landfill, or site where a hazardous substance has come to be located) in a quantity equal to or greater than its corresponding reportable quantity in any 24-hour period.</p> <p>Excludes petroleum, including oil, or any fraction thereof.</p> <p>See 40 CFR 302.6 for notification requirements for radionuclide releases.</p> <p>Includes continuous release: occurs without interruption or abatement or that is routine, anticipated, and intermittent and incidental to normal operations or treatment processes.</p> <p>See 67 FR 18899 (4/17/02) for guidance on the CERCLA federally permitted release definition for certain air emissions. See 71 FR 58525 (10/4/06) re Exemption for NOx releases to the air of < 1000 lbs. from combustion or combustion-related activities.</p> <p>Does not apply to the application, handling, and storage by an agricultural producer of a pesticide product registered under FIFRA.</p>	<p>Immediate (within 15 minutes after discovery) to: NRC by person in charge of vessel or offshore or onshore facility.</p> <p>Continuous releases must be identified as such and are reported initially and when there is a significant change in the release.</p> <p>See 73 FR 76948 (12/18/08) re Exemption from reporting continuous releases to the air from animal waste.</p>	<p>For continuous releases only: Initial written within 30 days after initial telephone notification and Follow-up within 30 days of first anniversary of initial written notification to: EPA Region 5.</p>	<p>NRC: 800-424-8802 or www.nrc.uscg.mil</p> <p>For further information contact Michigan SARA Title III Program 517-284-7272 or EPA's Superfund, TRI, EPCRA, RMP, and Oil Information Center 800-424-9346</p>

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Release Notification Requirements in Michigan*

Environmental Remediation

(Under NREPA, 1994 PA 451, Part 201)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>(i) Unpermitted release into the environment over a 24-hour period of a hazardous substance (<i>July 1, 2012, edition of the CERCLA list, 40 CFR 302, Table 302.4</i>) in a quantity equal to or greater than its corresponding reportable quantity.</p> <p>Does not include release solely from UST systems regulated under Part 213, and release solely from disposal area licensed under Part 115 and discovered through disposal area’s hydrogeological monitoring plan.</p> <p>Release of substance regulated by Michigan Department of Agriculture & Rural Development (MDARD) (fertilizer, soil conditioner, or pesticide) excluding normal agricultural practices: <i>also</i> report to MDARD.</p> <p>(ii) The owner or operator has reason to believe that one or more hazardous substances are migrating or have migrated from his or her property and are present beyond the property boundary at a concentration in excess of cleanup criteria for unrestricted residential use.</p> <p>(iii) The release is a result of an activity that is subject to permitting under NREPA Part 615 and the owner or operator is not the owner of the surface property and the release results in hazardous substance concentrations in excess of cleanup criteria for unrestricted residential use.</p> <p>Hazardous substance means a hazardous substance defined in CERCLA (40 CFR 302), hazardous waste as defined in NREPA part 111, petroleum as defined in NREPA part 213, or any substance demonstrated to pose an unacceptable risk to public health, safety, welfare, or the environment.</p> <p>Cleanup criteria for unrestricted residential use means criteria that satisfy the requirements in section 20120a(1)(a) or (16); or as defined under NREPA part 213.</p>	<p>Within 24 hours after discovery: to EGLE-RRD district office (PEAS after hours) by owner or operator or person holding easement interest.</p> <p>Report agricultural release to MDARD.</p> <p>Off-site Migration: Within 30 days after discovery: to EGLE-RRD district office and owners of property to which hazardous substances migrated or owner of surface property by owner or operator of property where release occurred.</p> <p>Specific form required: “Notice of Migration of Contamination” (Form EQP4482).</p>	<p>Upon request: Provide a response activity plan to EGLE-RRD district supervisor.</p>	<p>PEAS: 800-292-4706</p> <p>MDARD Agriculture Pollution Emergency Hotline: 800-405-0101</p> <p>For further information contact EGLE-RRD</p>

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Release Notification Requirements in Michigan*

Agricultural

(Under NREPA, 1994 PA 451, Part 83, **Pesticide Control**, Regulation 640, Commercial Pesticide Bulk Storage)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>Release to the environment of a commercial pesticide >5 gallons or 100 pounds.</p> <p>Reportable agrichemical spills as defined in the provisions of SARA Title III section 304 and CERCLA section 103 shall be immediately reported to PEAS and the NRC.</p> <p>The term “release” excludes normal agricultural practices.</p>	<p>Immediate to PEAS*</p> <p>Also notify NRC for spills reportable under SARA Title III & CERCLA.</p> <p>*MDARD prefers direct notification to their hotline. PEAS forwards all agriculture calls to MDARD.</p>	<p>Within 90 days: a revised site plan to MDARD</p> <p>Pesticide and Plant Pest Management Division</p>	<p>MDARD Agriculture Pollution Emergency Hotline: 800-405-0101</p> <p>PEAS: 800-292-4706</p> <p>NRC: 800-424-8802 or online at www.nrc.uscg.mil</p> <p>For further information contact MDARD: 517-284-5644</p>

Agricultural

NREPA, 1994 PA 451, Part 85, **Fertilizers**. Regulation 641 Commercial Fertilizer Bulk Storage, Regulation 642, On Farm Fertilizer Bulk Storage

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>Release to the environment of a commercial fertilizer >55 gallons liquid or 650 pounds dry, or tank overfills; or an on farm fertilizer > 55 gallons liquid.</p> <p>For storage tank with bladder system instead of diking: also report all overfills and internal spills.</p> <p>The term “release” excludes normal agricultural practices.</p> <p>The term “liquid fertilizer” excludes anhydrous ammonia.</p>	<p>Immediate: to MDARD by commercial bulk storage facility personnel (For farms, the regulation does not specify who makes the report.)</p>	<p>Not required.</p>	<p>MDARD Agriculture Pollution Emergency Hotline: 800-405-0101</p> <p>For further information contact MDARD 517-284-5644</p>

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Release Notification Requirements in Michigan*

Fire Prevention

(Under Fire Prevention Code, 1941 PA 207, Section 29.5g)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>A fire, explosion, spill, leak, accident, or related occurrence that involves the transportation, storage, handling, sale, use, or processing of hazardous material by a firm, person, or vehicle.</p> <p>Hazardous material = explosives, pyrotechnics, flammable gas, flammable compressed gas, flammable liquid, nonflammable compressed gas, combustible liquid, oxidizing material, poisonous gas or liquid, LPG, or irritating, etiologic, radioactive, or corrosive material.</p> <p>Act 207 amended 6/19/2006. The State Fire Marshall is in LARA, Bureau of Fire Services.</p>	<p>Immediately following incident, report known details regarding incident: to LARA Bureau of Fire Services <i>and</i> organized local fire department by owner of firm or vehicle or the person <i>and</i> the chief of first police or organized fire department upon scene of incident.</p>	<p>Not required.</p>	<p>Contact LARA Bureau of Fire Services by calling the MSP HazMat hotline: 800-525-5555</p> <p>For further information: contact local fire department</p>

Fire Prevention

(Fire Prevention Code, 1941 PA 207, Part 2 of Storage and Handling of **Flammable and Combustible Liquids** rules [FL/CL])

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>A release from an AST system of > 55 gal of any flammable or combustible liquid (flash point < 200°F) to the ground or within a secondary containment area during any 24 hour period.</p> <p>Note: Many liquid pesticides are combustible (flash point between 100 and 200°F).</p>	<p>As soon as practicable after detection of release: to PEAS by owner or operator.</p>	<p>Within 10 days after release: to LARA Bureau of Fire Services, Storage Tank Division, outlining cause, discovery, response to prevent recurrence.</p>	<p>PEAS: 800-292-4706</p> <p>For further information: contact LARA Bureau of Fire Services, Storage Tank Division 517-335-7211</p>

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Release Notification Requirements in Michigan*

Transportation of Hazardous Materials

(Under 49 CFR 171)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>Initial verbal notice: Incident during transportation (including loading, unloading, temporary storage) involving (1) hazardous material and resulting in death, injury requiring hospitalization, public evacuation ≥ 1 hour, major transportation artery or facility closure ≥ 1 hour, or flight pattern alteration; (2) fire, breakage, spillage, or suspected radioactive contamination occurs involving a radioactive material; (3) fire, breakage, spillage or suspected contamination involving an infectious substance other than a regulated medical waste; (4) marine pollutant release exceeding 450 L (119 gal) liquid or 400 kg (882 lbs.) solid; (5) other per judgment of person in possession of the hazardous material (e.g., continuing danger to life exists at scene of incident); (6) during transportation by aircraft, a fire, violent rupture, explosion or dangerous evolution of heat occurs as a direct result of a battery or battery-powered device.</p> <p>Hazardous material = CERCLA hazardous substance (40 CFR 302, Table 302.4), hazardous waste (40 CFR 262), marine pollutant (49 CFR 172.101 Appendix B), elevated temperature material, listed on Hazardous Materials Table (49 CFR 172.101), or meets criteria for hazard class/division in 49 CFR 173.</p> <p>Written follow-up report: Required for all of above, plus any unintentional release of hazardous material from a package (including tank); or any quantity of hazardous waste discharged during transportation; or structural damage to lading retention system, even if no release, on specification cargo tank with ≥ 1000 gal capacity containing hazardous material; or undeclared hazardous material discovered.</p>	<p>As soon as practical but no later than 12 hours after occurrence of the incident: to NRC by each person in physical possession of the hazardous material.</p> <p>(A reportable incident <i>must</i> be reported by telephone, not online.)</p> <p>For infectious substances, notice may be given to the Director, Centers for Disease Control and Prevention, U.S. Public Health Service instead of NRC.</p>	<p>Within 30 days after discovery: to US DOT on DOT Form F 5800.1 (01-2004) "Hazardous Materials Incident Report."</p> <p>Report online at https://hazmatonline.phmsa.dot.gov/incident/</p> <p>Report must be updated within 1 year of incident if: Death results from injury; hazardous material or package info on prior report</p> <p>on prior report becomes known or changes by \$25,000 or 10%.</p> <p>See regulation for exceptions to written report.</p>	<p>NRC 800-424-8802 or online at www.nrc.uscg.mil</p> <p>U.S. Public Health Service 800-232-0124</p> <p>For further information contact US DOT Hazardous Materials Information Center at 800-467-4922 or online at www.phmsa.dot.gov/hazmat</p>

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Release Notification Requirements in Michigan*

Release to Surface or Ground, Surface Water, Ground Water, or Public Sewer System

(Under NREPA, 1994 PA 451, Part 31, Water Resources Protection)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>Unpermitted release directly or indirectly to public sewer system, surface of ground, surface water or groundwater from an oil storage facility or on-land facility of a “polluting material” (oil, salt, or any material specified in table 1 in R 324.2009) in excess of its threshold reporting quantity during any 24-hour period.</p> <p>See Part 5 rules, effective 8/31/01, for details and exemptions. HB 5586 effective 6/15/04 amended the reporting requirements. <i>Rule revisions pending.</i></p>	<p>As soon as practicable after detection: to PEAS <i>and</i> 911 by owner, operator or manager.</p> <p>State agencies call 911 if release reported to them by another state or Canada.</p>	<p>Within 10 days after release: to EGLE-WRD district supervisor <i>and</i> to the local health department where the release occurred, outlining cause, discovery, response & prevention of recurrence.</p>	<p>PEAS: 800-292-4706</p> <p>For further information contact EGLE-WRD</p>

Sewer Systems

(Under NREPA, 1994 PA 451, Part 31, Water Resources Protection)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>Discharge of untreated sewage or partially treated sewage from a sewer system onto land or into the waters of the state.</p> <p>“Sewer system” means a sewer system designed and used to convey sanitary sewage or storm water, or both.</p>	<p>Immediate (within 24 hours): to EGLE-WRD via its MiWaters system on the form entitled “Report of Discharge (CSO\SSO\RTB).” Notify Local health departments; Daily newspaper circulated in source & affected counties; & affected municipalities.</p>	<p>At end of discharge: to same parties notified initially. Final report to EGLE-WRD via its MiWaters system on the form entitled “Report of Discharge (CSO\SSO\RTB).” Includes results of E. coli testing.</p>	<p>MiWaters: https://miwaters.deq.state.mi.us</p> <p>For further information contact EGLE-WRD</p>

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Release Notification Requirements in Michigan*

Sewerage Systems

(Under NREPA, 1994 PA 451, Part 41)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>Discharges of pollutants from sewerage systems (which can include combined sewers) in excess of those authorized by a discharge permit issued by the EGLE to surface water or groundwater as a result of a facility breakdown or emergency.</p> <p>Sewerage systems handle sanitary sewage or other industrial liquid wastes.</p>	<p>Promptly: to EGLE-WRD district office (PEAS after hours) by owner.</p>	<p>Within 5 days: to EGLE-WRD submitted via the MiWaters system, outlining cause, discovery, corrective actions taken to minimize impact, restore operations, and eliminate future unpermitted discharges.</p>	<p>PEAS: 800-292-4706</p> <p>MiWaters: miwaters.deq.state.mi.us</p> <p>For further information contact EGLE-WRD</p>

Control of Pollution by Oil and Hazardous Substances, Discharge Removal

(Under CWA, Section 311. 33 CFR 153 -- **Navigable waters** – Coast Guard/DOT)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>Discharge of a harmful quantity of oil or a hazardous substance from a vessel or onshore or offshore facility into or upon navigable waters of the United States or adjoining shorelines.</p> <p>Harmful quantity = oil discharge that violates applicable water quality standards, or causes a film or sheen upon or discoloration of the surface of the water or adjoining shorelines, or causes a sludge or emulsion to be deposited beneath the surface of the water or upon adjoining shorelines; or a CERCLA hazardous substance (40 CFR 302, Table 302.4) in a quantity equal to or greater than its corresponding reportable quantity.</p> <p>Oil = oil of any kind or in any form including petroleum, crude oil, petroleum refined products, sludge, oil refuse, oil mixed with wastes, etc., as well as vegetable and animal oils.</p>	<p>Immediate: to NRC by person in charge of vessel or facility.</p> <p>If direct reporting to NRC not practicable, may report to district Coast Guard or EPA predesignated OSC.</p>	<p>Not required.</p>	<p>NRC: 800-424-8802 or online at www.nrc.uscg.mil</p> <p>District 9 Coast Guard 216-902-6117</p> <p>EPA Region 5 for predesignated OSC 312-353-2318</p> <p>More information: contact EPA Region 5 (312-353-8200) or District 9 Coast Guard (216-902-6045)</p>

NOTE: If the release is an Immediate **THREAT TO HUMAN HEALTH or SAFETY**, call 911 or your local fire department.

Release Notification Requirements in Michigan*

Discharge of Oil

(Under CWA, Section 311, 40 CFR 110)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>Discharges of oil that violate applicable water quality standards or cause a film or sheen upon or discoloration of the surface of the water or adjoining shorelines, or cause a sludge or emulsion to be deposited beneath the surface of the water or upon adjoining shorelines.</p> <p>Oil = oil of any kind or in any form including petroleum, crude oil, petroleum refined products, sludge, oil refuse, oil mixed with wastes, etc., as well as vegetable and animal oils.</p>	<p>Immediate: to NRC by person in charge of vessel or facility.</p>	<p>Not required.</p>	<p>NRC: 800-424-8802 or online at www.nrc.uscg.mil</p> <p>For further information contact EGLE-WRD</p>

Underground Storage Tanks

(Under NREPA, 1994 PA 451, Part 211, **Underground Storage Tanks** and Part 213, Leaking Underground Storage Tanks)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>Releases of a regulated substance of any amount from underground storage tank (UST) systems (includes the emergency shutoff valve on down) subject to registration; overfill from UST fillpipe or vent onto ground; release from aboveground pipe attached to UST system.</p> <p>Regulated substance = petroleum or CERCLA hazardous substance (40 CFR 302, Table 302.4) or substance listed in CAA title 1 part A sect 112. Petroleum includes, but is not limited to, crude oil, motor fuels, jet fuels, distillate fuel oils, residual fuel oils, lubricants, and petroleum solvents.</p>	<p>(Part 211) Within 24 hours after discovery: to LARA Bureau of Fire Services, Storage Tank Division by email or fax on Form EQP 3826 (Rev. 4/12) If free phase, Form EQP 3800 (Rev 02/2003) required by UST owner or operator, or employee of owner or operator. Includes releases discovered years after UST system removed</p>	<p>(Part 213) At 180 days: Initial Assessment Report on Form EQP3841 (Rev. 02/2003) if not closed; at 365 days: Final Assessment Report on Form EQP3842 (Rev. 11/2006) if still not closed; at closure: Closure Report on Form EQP3843 (Rev. 02/2003) to EGLE-RRD district project manager.</p>	<p>Email: EGLE-std-tanks@michigan.gov</p> <p>Fax: 517-335-2245</p> <p>For further information contact EGLE-RRD or phone 800-MICHUST</p>

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Release Notification Requirements in Michigan*

Generators; Treatment, Storage & Disposal Facilities (TSDF); Transporters

(Under NREPA, 1994 PA 451, Part 111, Hazardous Waste Management)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>Any amount of characteristic hazardous waste or listed hazardous waste (as defined in R 299.9203 "Hazardous Waste Rule 203") reaches the surface water or groundwater,</p> <p>or</p> <p>A fire, explosion, or other release of hazardous waste or hazardous waste constituent occurs that could threaten human health or the environment.</p> <p>or</p> <p>A release of >1lb (or ≤1lb if not immediately cleaned up) hazardous waste to the environment from a tank system or associated secondary containment system.</p> <p>Additional hazardous waste reporting requirements under NREPA Part 201 and CERCLA.</p> <p>NREPA Part 111 requires transporters to comply with 49 CFR 171 and 33 CFR 153.</p>	<p>Immediate: to PEAS (or for Tank systems/secondary containment, within 24 hours of discovery to EGLE-MMD)</p> <p>and to NRC if threat to human health or environment outside facility by generator, or owner or operator of TSDF, or transporter.</p>	<p>For large quantity generators and TSDF: Within 15 days after incident IF the contingency plan had to be implemented to: EGLE-MMD.</p> <p>For tank/secondary containment systems: Within 30 days of discovery to: EGLE-MMD.</p> <p>For transporters: to US DOT if required per 49 CFR 171.</p>	<p>PEAS: 800-292-4706</p> <p>NRC 800-424-8802 or online at www.nrc.uscg.mil</p> <p>For further information contact EGLE-MMD</p>

Liquid Industrial By-Product

(Under NREPA 1994 PA 451, Part 121)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>The liquid industrial by-product spill could threaten public health, safety, welfare, or the environment, or has reached surface water or groundwater.</p> <p>Liquid industrial by-product includes nonhazardous brine, by-product, industrial wastewater, leachate, off-spec commercial chemical product, sludge, sanitary or storm sewer clean-out residue, grease trap clean-out residue, spill residue, used oil, or other liquid by-product not regulated by other laws.</p>	<p>Immediate: to PEAS and local authorities by generator, transporter, or owner or operator of facility.</p> <p>Refer to MCL 324.12111(1) for required report elements</p>	<p>Prepare within 30 days after incident. Submit upon request to: EGLE-MMD district supervisor.</p> <p>Refer to MCL 324.12111(1) for required report elements</p>	<p>PEAS: 800-292-4706</p> <p>For further information contact EGLE-MMD</p>

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Release Notification Requirements in Michigan*

Hazardous or Toxic Air Pollutants

(Under NREPA, 1994 PA 451, Part 55, **Air Pollution** Control)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>Abnormal condition, start-up, shutdown, or malfunction that results in emissions exceeding permissible (in rule, permit or order) levels of hazardous air pollutants (HAPs) (CAA Sect. 112(b)) or toxic air contaminants (as specified in permit) for >1 hour, or any air contaminant for >2 hours.</p> <p>Written follow-up report only required for emission exceedances lasting > 2 hours.</p>	<p>As soon as possible, but not later than 2 business days after discovery to: EGLE-AQD district office (PEAS after hours) by owner or operator.</p>	<p>Within 10 days after start-up, shutdown, or abnormal condition, malfunction corrected. Or within 30 days of abnormal condition, malfunction discovery- whichever first: to EGLE-AQD district supervisor.</p>	<p>PEAS: 800-292-4706</p> <p>For further information contact EGLE-AQD</p>

Natural or Field Gas Emergency Venting

(Under NREPA, 1994 PA 451, Part 55, **Air Pollution** Control – Permit to Install Exemptions)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>Emergency venting of natural gas from transmission and distributions systems or field gas from gathering lines in amounts > 1,000,000 standard cubic feet per event.</p> <p>Emergency = unforeseen event that disrupts normal operating conditions and poses a threat to human life, health, property or the environment if not controlled immediately. See R 336.1285(mm), effective 6/20/2008, for details.</p>	<p>Within 24 hours of the event: to PEAS by owner or operator.</p>	<p>Not required.</p>	<p>PEAS: 800-292-4706</p> <p>For further information contact EGLE-AQD</p>

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Release Notification Requirements in Michigan*

Dry Cleaning

(Under Public Health Code, 1978 PA 368, Part 133)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
Condition or incident presents a threat or hazard to public health or safety.	Immediate to: EGLE-AQD district office (PEAS after hours) by owner or operator.	Within 30 days after incident: To EGLE-AQD district supervisor.	PEAS: 800-292-4706 For further information contact EGLE-AQD

Oil and gas production fields

(Under NREPA, 1994 PA 451, Part 615, Supervisor of Wells)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>A loss, spill or release of</p> <ol style="list-style-type: none"> 1) any amount of brine, crude oil, or oil or gas field waste 2) <i>unless</i> it is less than 42 gallons and occurs while an authorized representative is on site and is completely contained and cleaned up within 1 hour, or 3) any unpermitted amount of natural gas, or 4) (3) chemicals used in association with oil and gas activities. 	<p>Within 8 hours after discovery of:</p> <p>42 gallons or more of brine, crude oil, or oil or gas field waste, or any amount of chemical or natural gas, or;</p> <p>less than 42 gallons if the spill contacts surface water, groundwater, or other environmentally sensitive resources, or is not completely contained and cleaned up within 48 hours to:</p> <p>EGLE-OOGM district office (PEAS after hours) by permittee.</p>	<p>Within 10 days after discovery of loss or spill to:</p> <p>EGLE-OGMD district supervisor on Form EQP-7233 (Rev 1/2012) "Report of Loss or Spill" by permittee</p> <p>Written report only for less than 42 gal. of brine, crude oil, or oil and gas field waste if spill does not contact surface water, groundwater, or other environmentally sensitive resources, and is completely contained and cleaned up within 48 hrs.</p>	<p>PEAS: 800-292-4706</p> <p>For further information contact EGLE-OGMD</p>

NOTE: If the release is an Immediate **THREAT TO HUMAN HEALTH or SAFETY**, call 911 or your local fire department.

Release Notification Requirements in Michigan*

Transportation of Natural and Other Gas by Pipeline

(Under 49 CFR 191)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>An incident, meaning:</p> <ol style="list-style-type: none"> 1) Event that involves a release of gas from a pipeline, or of liquefied natural gas, liquefied petroleum gas, refrigerant gas, or gas from an LNG facility that results in: Death or hospitalization; or Property damage \geq \$50,000; or estimated gas loss of \geq three million cubic feet. 2) Event that results in emergency shutdown of LNG facility. 3) Significant event per operator. <p>Written Incident reports not required for LNG facilities.</p> <p>Applies to pipeline systems and the transportation of gas through those systems in or affecting interstate or foreign commerce. (See 49 CFR 191.3 for details.)</p>	<p>Earliest practicable moment following discovery to: NRC by operator.</p> <p>Notification must be electronic unless there is a safety-related condition to report.</p>	<p>As soon as practical, and within 30 days after discovery: to US DOT on DOT Form PHMSA F 7100.1 "Incident Report – Gas Distribution System."</p> <p>or</p> <p>PHMAS F 7100.2 "Incident Report – Gas Transmission and Gathering Systems"</p> <p>or</p> <p>PHMSA F 7100.3 "Incident Report – Liquefied Natural Gas (LNG) Facilities"</p> <p>Supplemental report filed as necessary as soon as practical.</p>	<p>NRC 800-424-8802 or online at www.nrc.uscg.mil</p> <p>For further information contact US DOT Pipeline Safety Information Center: 202-366-4595 or http://ops.dot.gov</p>

NOTE: If the release is an Immediate **THREAT TO HUMAN HEALTH or SAFETY**, call 911 or your local fire department.

Release Notification Requirements in Michigan*

Transportation of Hazardous Liquids by Pipeline

(Under 49 CFR 195)

Reporting Criteria	Initial Notification	Written Follow-up	Notes
<p>Release of hazardous liquid (petroleum, petroleum products, or anhydrous ammonia) or carbon dioxide from a pipeline system that results in any of the following: (a) Explosion or fire; (b) Release of ≥ 5 gallons (except if < 5 barrels released due to maintenance and release not otherwise reportable, confined to property, does not pollute water, and cleaned up promptly); (c) Death of any person; (d) Injury requiring hospitalization; or (e) Property damage $> \\$50,000$. (See 49 CFR 195.50, revised 1/8/02, for details)</p> <p>Applies to pipeline facilities and the transportation of hazardous liquids associated with those facilities in or affecting interstate or foreign commerce. (See 49 CFR 195.1 for details.)</p>	<p>Earliest practical moment following discovery: to NRC by operator if Release caused: Death or hospitalization; Fire or explosion; Property damage; Water pollution; or was Significant per the operator.</p>	<p>As soon as practical, and within 30 days after discovery: to U.S. DOT on DOT Form PHMSA F 7000-1 "Accident Report – Hazardous Liquid Pipeline Systems"</p> <p>Supplemental report must be filed within 30 days after operator receives changes or additions to original report.</p>	<p>NRC 800-424-8802 or online at www.nrc.uscg.mil</p> <p>For further information contact US DOT Pipeline Safety Information Center at 202-366-4595 or online at http://ops.dot.gov</p>

Fatalities or Hospitalization

(Under MIOSHA, 1974 PA 154, Section 61, Records & Reports; Notice of)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>A release that results in a fatality within 30 days of the incident or in-patient hospitalization within 24 hours of the incident.</p> <p>Note: the OSHA amendment to require employers to report all work-related hospitalizations within 24 hours becomes effective Jan 1, 2015. Michigan intends to adopt the new rules by reference within 6 months of the Sept 18, 2014 FR publication.</p>	<p>Within 8 hours for a fatality</p> <p>Within 24 hours for hospitalization to: MIOSHA Hotline by Employer.</p>	<p>Not required.</p>	<p>MIOSHA Fatality or Catastrophe Hotline 800-858-0397</p> <p>For further information contact LARA-MIOSHA 517-322-1831</p>

NOTE: If the release is an Immediate **THREAT TO HUMAN HEALTH or SAFETY**, call 911 or your local fire department.

Release Notification Requirements in Michigan*

Radioactive Material

(Under 1978 PA 368, Part 135, **Radiation** Control)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>For any emergency. Or for incident involving naturally occurring radioactive material-</p> <p><i>Immediate notice if:</i> Incident may have caused or threatens to cause: dose to body 25 rems, to skin 150 rems, to extremities 375 rems (per rule 247); 24 hour concentration exceeds 5000 times limits specified in table II of rules 261 to 269; contamination causes operation shut down for 1 week, or property damage >\$100,000.</p> <p><i>Notice within 24 hours if:</i> Incident may have caused or threatens to cause: dose to body 5 rems, to skin 30 rems, to extremities 75 rems (per rule 247); 24 hour concentration exceeds 500 times limits specified in table II of rules 261 to 269; contamination causes operation shut down for 1 day, or property damage >\$1000.</p>	<p>Immediate or within 24 hours (see reporting criteria): to EGLE-MMD Radiological Protection Section (PEAS after hours) or MSP Intelligence Operations Division for all Nuclear Power Plant related incidents (day or night). By licensee or registrant.</p>	<p>Within 30 days after release: to EGLE-MMD Radiological Protection Section by licensee or registrant.</p> <p>Written report also required if level of radiation or concentration of radioactive material in unrestricted area >10 times any applicable limit.</p> <p>See Rule 250 (R 325.5250) for required report content.</p>	<p>EGLE-MMD Radiological Protection 517-284-5185</p> <p>MSP Intelligence Operations Division 517-241-8000</p> <p>PEAS: 800-292-4706</p> <p>For further information contact EGLE-MMD Radiological Protection</p>

NOTE: If the release is an Immediate **THREAT TO HUMAN HEALTH or SAFETY**, call 911 or your local fire department.

Release Notification Requirements in Michigan*

Nuclear Radioactive Material

(Under 10 CFR - Standards for Protection Against **Radiation**)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
<p>For incident involving source, by-product, or special nuclear radioactive material-</p> <p><i>Immediate notice if:</i> Event that may have caused or threatens to cause: effective dose equivalent to individual 25 rems, lens dose equivalent 75 rems, shallow-dose equivalent to skin or extremities 250 rads; individual could receive 5 times annual limit on intake in 24 hours.</p> <p>OR</p> <p>Any lost, stolen, or missing licensed material in an aggregate quantity equal to or greater than 1000 times the quantity specified in appendix C to part 20 under such circumstances that it appears to the licensee that an exposure could result to persons in unrestricted areas.</p> <p><i>Notice within 24 hours if:</i> Event that may have caused or threatens to cause: an individual in 24 hours to receive effective dose equivalent >5 rems, lens dose equivalent >15 rems, shallow-dose equivalent to skin or extremities >50 rems; individual could receive >1 times annual limit on intake in 24 hours.</p>	<p>Immediate or within 24 hours (see reporting criteria): to USNRC by USNRC Licensee responsible for the incident.</p>	<p>Within 30 days of incident: to USNRC by licensee.</p> <p>Report content specified in 10 CFR 20.2003</p> <p>Written report also required for occurrences as specified in 10 CFR 20 Section 20.2203 and after the occurrence of any lost, stolen, or missing licensed material becomes known to the licensee, and if at the time the report is filed all licensed material in a quantity greater than 10 times the quantity specified in appendix C to part 20 is still missing.</p>	<p>US Nuclear Regulatory Commission (USNRC) 301-816-5100</p> <p>For further information contact EGLE-MMD Radiological Protection Section 517-284-5185</p>

NOTE: If the release is an Immediate **THREAT TO HUMAN HEALTH or SAFETY**, call 911 or your local fire department.

Release Notification Requirements in Michigan*

PCBs

(Under TSCA, 40 CFR 761.125 (PCBs))

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
Spills of PCBs at concentrations of 50 ppm or more and subject to decontamination requirements under TSCA that: contaminate surface water, sewers, drinking water supplies, grazing lands or vegetable gardens, or exceed 10 pounds. (TSCA specifies that these requirements are in addition to any under CWA or CERCLA. e.g. CERCLA requires spills of 1 pound or more to be reported to NRC.)	As soon as possible after discovery, and within 24 hours: to EPA Region 5.	Not required to be submitted. Records of cleanup and certification of decontamination shall be documented.	EPA Region 5 Corrective Action Section 312-886-7890 For further information contact EPA Region 5 Corrective Action Section

Toxic Chemical Release Reporting

(Under SARA Title III, Section 313, 40 CFR 372)

Reporting Criteria	Initial Notification	Written Follow-up Report	Notes
Covered facilities as defined in 40 CFR 372 subpart B are subject to toxic chemical release reporting for toxic chemicals and chemical categories listed in 40 CFR 372 subpart D.	Not applicable.	Annually by July 1: to EPA & SERC on EPA's Form R "Toxic Chemical Release Inventory Reporting Form" (EPA Form 9350-1, Rev.10/2011) Report aggregate releases (permitted & unpermitted)	Michigan SARA Title III Program accepts reports on behalf of SERC For further information contact Michigan SARA Title III Program 517-284-7272

NOTE: If the release is an Immediate **THREAT TO HUMAN HEALTH or SAFETY**, call 911 or your local fire department.

Release Notification Requirements in Michigan*

Acronyms used in this document:

AQD = Air Quality Division	MDARD = Michigan Department of Agriculture & Rural Development
AST = Above Ground Storage Tank	MIOSHA = Michigan Occupational Safety and Health Administration
CAA = Clean Air Act	MMD = Materials Management Division
CAFO = Concentrated Animal Feeding Operation	MSP = Michigan Department of State Police
CERCLA = Comprehensive Environmental Response, Compensation and Liability Act of 1980	NRC = National Response Center (U.S. Coast Guard)
CFR = Code of Federal Regulations	NREPA = Natural Resources & Environmental Protection Act
CWA = Clean Water Act	OGMD = Oil, Gas, and Minerals Division
EGLE= Michigan Department of Environment, Great Lake and Energy	OPS = Office of Pipeline Safety (US DOT)
DWMAD = Drinking Water & Municipal Assistance Division	OSC = On Scene Coordinator
DOT = Department of Transportation	PA = Public Act (Michigan)
EHS = Extremely Hazardous Substance	PCB = Polychlorinated biphenyl
EPA = U. S. Environmental Protection Agency	PEAS = Pollution Emergency Alerting System
EPCRA = Emergency Planning & Community Right-to-Know Act	PHMSA = Pipeline & Hazardous Materials Safety Administrator
FIFRA = Federal Insecticide, Fungicide, & Rodenticide Act	RMP = Risk Management Program
FL/CL = Flammable and combustible liquids	RRD = Remediation and Redevelopment Division
FR = Federal Register	SARA = Superfund Amendments and Reauthorization Act of 1986
HAP = Hazardous Air Pollutant	SERC = State Emergency Response Commission
HazMat = Hazardous Materials	TRI = Toxic Chemical Release Inventory
HB = House Bill	TSCA = Toxic Substance Control Act
LARA = Michigan Department of Licensing & Regulatory Affairs	TSDf = Treatment, Storage & Disposal Facility
LEPC = Local Emergency Planning Committee	US DOT = U.S. Department of Transportation
LNG = Liquefied Natural Gas	USNRC = U. S. Nuclear Regulatory Commission
LPG = Liquefied Petroleum Gas	UST = Underground Storage Tank
MCL = Michigan Compiled Laws	WRD = Water Resources Division

NOTE: If the release is an Immediate **THREAT TO HUMAN HEALTH or SAFETY**, call 911 or your local fire department.