



Recommendation	Lead/ Support	Deliverable (2009)	Milestone Date	Status (as of 12/31/16)												
		<p>OEA will track and compile Hg spill data from the following sources: PEAS, Poison Control, Hazardous Substances Emergency Events Surveillance (HSEES), and the NRC. OEA will also congregate Hg data reported under the TRI Program.</p>	<p>Due January 30, 2010 and every other year thereafter. The final Clean Sweep report was completed in 2015 and no additional funding is available.</p>	<p>Spills were tracked by MDHHS in 2010: There were 34 spills reported to MDHHS during 2010. Most were small spills within the home but the spills included: 2 school blood pressure cuffs, medical equipment in a patient during surgery, 2 switches on popcorn machines in theaters, and a spill from a home gas meter regulator that became a lawsuit. There were also 6 calls asking where to dispose of bulk mercury found in jars and containers in homes and offices, which helped prevent future spills.</p> <p>TRI data can also be used to track mercury releases. The most recent TRI data was for year 2015.</p> <p>TRI – 2009 Mercury Off-site disposal/releases*</p> <table border="0"> <tr> <td>Mercury industries -not in totals below</td> <td>1891#</td> </tr> <tr> <td>Manufacturers -no lime or petroleum</td> <td>30#</td> </tr> <tr> <td>Manufacturers –Total w/o merc industry</td> <td>133#</td> </tr> <tr> <td>Total - power plants</td> <td>2243#</td> </tr> <tr> <td>Total – disposal</td> <td>84#</td> </tr> <tr> <td>Total -all</td> <td>4351#</td> </tr> </table> <p>* Kerr, the dental manufacturer, did not report 2010 data is not available.</p> <p>This compares to TRI – 2015: <i>(Will add 2015 data when available, OEA states that, “DTMB and DEQ are in the process of fixing the TRI node, which gives DEQ access to the states TRI data housed by EPA. Once the node is up and running we should be able to query the 2015 reporting year data.)</i></p> <p>The grant helped fund MDHHS mercury spill workshops from, locations were: Gaylord &amp; Saginaw ‘11, Munising, Adrian ‘12, West Brand &amp; Oakland County ‘13, Lansing &amp; TC ‘14 &amp; Tuscola &amp; Berrien County ‘15.</p> <p>MDHHS continues to track Hg releases via HSEES – in 2015 there were 3 releases reported less than 11 reported in 2005. <a href="http://www.michigan.gov/documents/mdhhs/HSEES_2015_534836_7.pdf">http://www.michigan.gov/documents/mdhhs/HSEES_2015_534836_7.pdf</a> Final Hg Grant report submitted to EPA in Fall 2015 with no funding to collect Hg at clean sweep sites.</p>	Mercury industries -not in totals below	1891#	Manufacturers -no lime or petroleum	30#	Manufacturers –Total w/o merc industry	133#	Total - power plants	2243#	Total – disposal	84#	Total -all	4351#
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		The RRD will continue to track facilities with on-going mercury releases from historically contaminated environmental media. A review of facility information available from the RRD database will be done annually.	January 2010	RRD continues to track facilities with on-going mercury releases. Details follow in table below.
2. Reduce mercury releases from coal-fired utility plants. AQD with WRD and RRD support		The AQD rules have been developed and released for public comment. Rules are currently being revised and finalized.	January 2010 –state rules 2011 – MATS rule	<p>AQD along with their stakeholders developed rules to address Hg emissions from EGUs (90% by 2015) which were finalized 10-16-09. To view the final rules go to: <a href="http://www.michigan.gov/deqair">http://www.michigan.gov/deqair</a>.</p> <p>EPA also developed rules to control Hg from EGUs – the MATS rule was finalized Fall 2011. All EGUs were in compliance by spring of 2016 with the MATS rule.</p> <p>The EGU sector Hg emissions are expected to be significantly reduced by 2014.</p>
		The WRD will continue to provide technical support to AQD with regard to permitting and the drafting of administrative rules towards the reduction of emissions from coal-fired utility plants. Coal-fired utility plant effluent discharges to surface waters will continue to be regulated under the NPDES Permitting Program.	Ongoing	<p>Ensure that multi-media transfer of mercury does not result in uncontrolled releases to the environment.</p> <p>Staff continue to work together on various permits as needed when multi-media implications occur (such as EGU and mining permits)</p>
		The RRD will identify known facilities with on-going mercury releases from historical manufactured coal gas plants (utility plants).	January 2010	As of 12/2016 RRD has 306 known facilities with Hg identified as a contaminant. 14 of these are identified as coal gas plants.

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3. Reduce mercury releases from Portland cement plants. AQD with WRD and RRD support.		AQD will adopt the federal rule when developed.		The federal rule was proposed 8-9-10. The residual risk rule is expected to be released in 2017 for Portland cement plants. Emissions for the cement plant sector have been reduced from 694 lbs/yr in 2002 to 184 lbs/yr in 2011.
		WRD will continue to provide technical support to the AQD with regard to permitting any Portland Cement plants. Effluent discharges to surface waters will continue to be regulated under the NPDES Permitting Program.		The NPDES program continues to require Hg discharges be regulated and meet all applicable standards.
		RRD will identify known facilities with on-going mercury releases from historical cement kiln dust disposal areas.	January 2010	As of 12/2016 RRD has 306 known facilities with Hg identified as a contaminant, 5 of these are cement kiln dust disposal areas.
4. Continue to implement activities that phase out mercury-added products where viable alternatives exist. OEA with WMRPD, AQD and WRD support		OEA will continue in a technical advisory and support role to promote, track and advance legislation consistent with Hg product phase-out recommendations found in the Michigan Mercury Strategy and other pertinent related Hg policy documents such as the Great Lakes Hg in Products Phase-Down Strategy, etc.	On-going	AQD and OEA staff provided mgt with a summary of 5 Hg bills that were introduced in 2009, that we would still support in the 2011 session on 12/2/10.  No Hg bills were introduced following 2010.  A status report for the Great Lakes Hg in Products Phase-Down Strategy was completed 05-08-12.
		To carry out its mission, OEA will attempt to join the Interstate Mercury Education and Reduction Clearinghouse (IMERC). Within a six month period, OEA will develop justification to do so, and submit it to the DTMB for approval.	January 1, 2010	Michigan's IMERC membership was funded under the EPA-GLRI grant effective October 1, 2010.  AQD has joined as a member at a greatly reduced rate of \$1000/year for FY 15-16 & 16-17 years and participates in numerous calls to discuss current Hg-containing product laws/policies/trends/collaboration/etc.
		OEA shall administer new mercury product legislation and continue to effectively administer existing mercury product legislation on behalf of the DEQ. OEA will provide education and outreach and compliance assistance. OEA will not undertake enforcements.	On-going	No 2009-2016 Mercury Legislation passed. There are currently no plans to re-introduce the 5 bills that were not acted on or to initiate new mercury legislation.  Dental regulations were adopted in 2008 (Act 503, PA 2008) with a compliance date of 12/31/13 requiring separators to have a 98% removal efficiency. LARA is responsible for compliance. <a href="http://www.michigan.gov/documents/deq/DEQ-RMD-SWLAS-368-138-01_Dental_Amalgam_Waste_Removal_Sys_396130_7.pdf">http://www.michigan.gov/documents/deq/DEQ-RMD-SWLAS-368-138-01_Dental_Amalgam_Waste_Removal_Sys_396130_7.pdf</a> The rules do not address rural dental issues. To increase compliance with the separator requirement of the Act, DEQ obtained a GLRI grant to fund \$270,000 towards the purchases of dental amalgam separators. A grant contract was signed with the Michigan Dental

			Association on 01-13-11 to begin awarding grants to dentists. The grant was extended 2 x, for \$100K and \$25K for '12 & '13. A total of 1,262 amalgam separator grants were issued thru MDA (removing ~1,262 lbs Hg/yr).
	OEA will promote the use of mercury-free energy star programmable thermostats and report the level of success under the P2 thermostat recovery grant.	Due 10-15-09 and annually thereafter for the duration of the grant.	Total grants of \$60,000 were awarded Michigan Energy Options (MEO) from 2009 to 2014 (from GLRI EPA funds). The number of thermostat collection sites grew from 16 to 220 and the number of thermostats has increased from about 3,000 to over 12,000 (65,799 total for these years). MEO has created a website to help residents find sites for recycling thermostats and has sent out over 2,000 brochures on the program. Under this effort, Michigan has had the largest growth in the thermostat recycling program in the nation.
	WMRPD will maintain the current level of assistance to OEA regarding 1) disposal issues, and 2) as needed, comments on bill analyses for mercury waste management legislation.	On-going	Significant focus on recycling has been a priority in the WMRPD as a result of the Governor Snyder priority
	AQD will maintain the current level of assistance in regards to activities related to the phase out of mercury-added products such as automobile switches, mercury-containing thermometers, thermostats, lamps, etc.		AQD continues to support activities related to identifying and reducing the use and or release of mercury-added products. Permitting and compliance activities continue related to mercury-containing and fluorescent lights at recycling facilities and drum-top crushers. automobile switches at EAFs and metal shredders; Two lamp recycling reports are available at: <a href="http://www.michigan.gov/documents/deq/deq-aqd-mercury-reliable-relamping_517006_7.pdf">http://www.michigan.gov/documents/deq/deq-aqd-mercury-reliable-relamping_517006_7.pdf</a> <a href="http://www.michigan.gov/documents/deq/deq-aqd-mercury-cleanlites_recycling_537732_7.pdf">http://www.michigan.gov/documents/deq/deq-aqd-mercury-cleanlites_recycling_537732_7.pdf</a>

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5. Determine if there are sufficient funds to clean up legacy sites and groundwater contaminated by mercury. RRD with WRD support		<p>RRD will determine if there are orphan site funding needs for known sites of mercury contamination, in addition to the continuation of oversight of liable party cleanups at mercury contaminated facilities.</p> <p>RRD and WRD will confer to estimate unmet funding needs at known mercury contaminated orphan sites.</p> <p>RRD will report to senior management team on these anticipated unmet funding needs to allow inclusion in the efforts to secure stable funding for orphan site cleanup and redevelopment.</p>	<p>September 2009</p> <p>October 2009</p>	<p>Consistent with significant resource limitations to address Part 201 facilities, RRD personnel continue to prioritize sites posing high risks due to mercury contamination. Information regarding future funding needs continues to be tracked in a number of ways, including the preparation of detailed information that has been presented to DEQ management. This future funding needs documentation has also been provided to the Legislature for a number of years as part of the agency's overall communication strategy. Currently there are 308 properties identified in the Part 201 facilities database where mercury is identified as a contaminant. RRD estimates on average that it takes between \$250,000 and \$400,000 to investigate and control risks from contamination at a Part 201 facility. The risks at several mercury contaminated sites have been controlled since the last report in 2009.</p>
6. Expand education and outreach to the public, the regulated community, and DEQ staff on exposure to mercury, spill clean-up, control technologies, etc. OEA with AQD and WRD support.		<p>OEA will regularly review, monitor and update its numerous mercury P2 web pages.</p> <p>OEA will monitor resources available at the State level and report on activities underway to provide statewide emergency Hg spill response training. Data will be collected and any gap(s) of necessary resources identified.</p> <p>OEA will periodically conduct a 'needs survey' of AQD and WRD to establish the level of interest and appropriate timing in receiving OEA assistance to conduct workshops, seminars and conferences and to publish compliance and technical assistance materials.</p>	<p>2013</p> <p>Annually</p> <p>Annually</p>	<p>OEA and AQD staff met in 2013 to review the various Hg web sites. A DEQ web site was created combining all of the DEQ Hg information. The DEQ web site is updated by AQD staff.</p> <p>GLRI grant funding will support 2 spill workshops per year for 2 years and printing of outreach materials.</p> <p>These initially were funded by the GLRI grant, but now MDHHS continues to hold 1-2 spill workshops each year.</p> <p>Past locations include: Gaylord &amp; Saginaw '11, Munising, Adrian '12, West Branch &amp; Oakland County '13, Lansing &amp; TC '14, Tuscola &amp; Berrien County '15, Battle Creek &amp; Gaylord '16 and Sterling Heights &amp; N. MI '17.</p> <p>OEA attempted to get industry support to organize a workshop on hazardous materials in buildings from asbestos to mercury. Multiple agency staff supported the effort but industry and community demolition groups did not so it was cancelled. AQD and WRD staff has been involved in the "Integrating Multimedia Measurements of Mercury in the Great Lakes Region" project that was funded by EPA-GLAD funds. Two workshops have been held to discuss multimedia data sharing efforts; results were published in scientific journals and presented by AQD staff at the Global Hg Conference in Halifax 7/11. <a href="http://www.briloon.org/our-science-services/research-centers/center-for-mercury-studies-detail-page/mercury-center-opening-page/center-for-mercury-project-index/mercury-connections-landing-page/mercury-in-the-Great-Lakes-region">http://www.briloon.org/our-science-services/research-centers/center-for-mercury-studies-detail-page/mercury-center-opening-page/center-for-mercury-project-index/mercury-connections-landing-page/mercury-in-the-Great-Lakes-region</a> <a href="http://www.michigan.gov/documents/deq/deq-aqd-toxics-Paper_Cain_Taylor_Morgan_Brooks_464053_7.pdf">http://www.michigan.gov/documents/deq/deq-aqd-toxics-Paper_Cain_Taylor_Morgan_Brooks_464053_7.pdf</a></p>

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		AQD, OEA and WMRPD and possibly MDHHS plans to conduct education/outreach activities for in-house training to AQD and WMRPD HMD district inspectors on proper management and disposal of Hg-containing lamps.	January 2010	AQD staff have reviewed IMERC fact sheets and posted them to the DEQ Hg web site to share: <a href="http://www.newmoa.org/prevention/mercury/imerc/factsheets/">http://www.newmoa.org/prevention/mercury/imerc/factsheets/</a>  Other fact sheets were developed and distributed and are available on web site, such as: <a href="http://www.michigan.gov/documents/deq/deq-oppca-Fluorescent_Light_Drum-Top_Bulb_Crushers_294339_7.pdf">http://www.michigan.gov/documents/deq/deq-oppca-Fluorescent_Light_Drum-Top_Bulb_Crushers_294339_7.pdf</a>
		The WRD and RRD District Staff will continue to assist other agencies and Department staff during spill response.	On-going	Assistance with spills is conducted, as needed.
7. Expand the network to collect and manage the disposal of mercury containing products (such as fluorescent lights, thermostats, switches, thermometers, barometers, etc.) and elemental mercury (i.e. clean sweep programs) in Michigan.	OEA and WMRPD both have the lead.	The OEA will continue to pursue funding for Hg disposal through grant applications and stakeholder solicitations for continuing and ideally expanding the infrastructure for collection and recycling of mercury-containing products.	On-going	Funding for the Clean Sweep program has been through the Community P2 Grant for the last several years and it continued until 2012.  Additional collection and recycling funding was obtained from EPA/GLNPO under the GLRI grants. The total grant is for \$856,046. A variety of projects were funded including \$270,000 for dental amalgam separators, \$170,000 for staff, and about \$400,000 for IMERC membership, outreach, collections and incentives for a wide selection of mercury items and sources. The Clean Sweep sites were funded under the GLRI grant until 2015. <a href="http://www.michigan.gov/documents/deq/deq-aqd-mercury-glri_final_report_547136_7.pdf">http://www.michigan.gov/documents/deq/deq-aqd-mercury-glri_final_report_547136_7.pdf</a>
		The WMRPD will pursue expanding the infrastructure for collection and recycling of mercury-containing products through the Solid Waste Management Planning Program.	On-going	A state-wide focus on recycling has occurred under Governor Snyder. It is not clear if collection of mercury-containing items have increased under this effort.
		The OEA will award a P2 grant to develop a statewide program to expand/increase the recovery/recycling of mercury-added thermostats at their end-of-life and regularly report on program success.	Summer 2009 (grant award) with Quarterly Progress Reporting for the duration of a 2 year grant period	A grant of \$60,000 was awarded Michigan Energy Options (MEO) in late 2009 and will extend two times until 2014. In the first year, the number of collection sites grew from 16 to 72 and the number of thermostats increased from about 3,000 to over 12,000. MEO has created a website to help residents find sites for recycling thermostats and has sent out over 2,000 brochures on the program. Under this effort, Michigan has had the largest growth in the thermostat recycling program in the nation. <a href="http://www.michiganenergyoptions.org/currentprojects/thermostatrecycling">http://www.michiganenergyoptions.org/currentprojects/thermostatrecycling</a>

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8. Investigate and explore the development of a mechanism to ensure that mercury collected or recovered in Michigan is used only for essential uses. Explore the current barriers regarding exportation of nonessential mercury uses to other states or countries.	WMRD, OEA and AQD will explore alternatives as funding allows	<p>The AQD, OEA and WMRPD will participate in the QSC conference calls on DOE/EPA Hg(0) storage for compliance with federal export ban. This group will continue to track developments at the national level regarding the Mercury Stockpile and the DOE efforts to site a facility to sequester and store mercury.</p> <p>The WMRPD, OEA and AQD will explore the ability to track mercury collected within Michigan and to identify its final fate.</p>		<p>AQD and OEA staff continues to participate in monthly QSC calls and quarterly leadership calls with QSC and EPA. Staff provided comments on the federal efforts to address the mercury export ban.</p> <p>A federal Hg export ban went into effect on 1/1/13. As of fall 2016, DOE has yet to build the storage facility. However, ~10 private facilities are allowed to store Hg until the DOE facility opens according to: <i>Sue Slotnick</i>  <i>Environmental Protection Specialist</i>  <i>National Program Chemicals Division</i>  <i>Office of Chemical Safety and Pollution Prevention</i>  <i>U.S. Environmental Protection Agency</i>  <i>Washington, DC 20460</i>  <i>(202) 566-1973</i>  <a href="mailto:slotnick.sue@epa.gov">slotnick.sue@epa.gov</a></p> <p>EPA's web page: <a href="https://www.epa.gov/mercury/environmental-laws-apply-mercury">https://www.epa.gov/mercury/environmental-laws-apply-mercury</a></p> <p>The storage facilities are:  <a href="http://energy.gov/em/services/waste-management/waste-and-materials-disposition-information/long-term-management-and">http://energy.gov/em/services/waste-management/waste-and-materials-disposition-information/long-term-management-and</a></p> <p>Then click on:  <a href="#">Permitted Mercury Storage Facility Notifications</a></p> <p>EQ in Wayne County, MI is one of the approved sites.</p>
		AQD, OEA, and WMRPD will explore opportunities to contribute Michigan's Hg to the DOE mercury storage facility.	On-going	See comments above.
		The MSWG will explore developing a Michigan "White Paper" on directing MI Hg either toward essential uses and/or sequestration.	November 2010 July 2017	<p>A Hg policy paper was published and presented at the global Hg conference in Halifax in 2010.  <a href="http://www.briloon.org/our-science-services/research-centers/center-for-mercury-studies-detail-page/mercury-center-opening-page/center-for-mercury-project-index/mercury-connections-landing-page/mercury-in-the-great-lakes-region">http://www.briloon.org/our-science-services/research-centers/center-for-mercury-studies-detail-page/mercury-center-opening-page/center-for-mercury-project-index/mercury-connections-landing-page/mercury-in-the-great-lakes-region</a>  <a href="http://www.michigan.gov/documents/deq/deq-aqd-toxics-Paper_Cain_Taylor_Morgan_Brooks_464053_7.pdf">http://www.michigan.gov/documents/deq/deq-aqd-toxics-Paper_Cain_Taylor_Morgan_Brooks_464053_7.pdf</a></p> <p>A MI Hg Trends paper is currently being developed by DEQ staff and scientists at NADP and U of M. A poster will be presented at the global Hg conference in Rhode Island in July 2017.</p>

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<p>9. EPA's Section 303(d) of the CWA subcategory 5m approach or develop a statewide approach under the CWA to satisfy appropriate mercury TMDL development requirements.</p> <p>WRD with AQD and OEA support</p>		<p>The WRD will develop a state-wide mercury TMDL adopting the approach used in the development of the North-East States or MN's Mercury TMDL.</p>	<p>TMDL to be developed during FY09-10 with TMDL deadline of 2010, now fall 2017.</p>	<p>U of M grant from EPA GLRI funds was obtained to assist in the atmospheric modeling component of the state-wide mercury TMDL. A kick-off meeting was held with U of M scientists and staff from AQD and WRD on 9-23-10. The U of M report was finalized 6/14.</p> <p><a href="http://www.michigan.gov/documents/deq/deq-aqd-toxics-Final_Project_Report_GL00E00605_467289_7.pdf">http://www.michigan.gov/documents/deq/deq-aqd-toxics-Final_Project_Report_GL00E00605_467289_7.pdf</a></p> <p>EPA funds awarded a grant to Limnotech to assist WRD and AQD staff in developing a state-wide Hg TMDL. The draft was released in 12/13 for public comment, it was revised internally and a second draft revised 12/15. WRD will be submitting the draft to EPA by the end of 2017.</p> <p><a href="http://www.michigan.gov/documents/deq/wrd-sw-as-hgtmdl-draft_415360_7.pdf">http://www.michigan.gov/documents/deq/wrd-sw-as-hgtmdl-draft_415360_7.pdf</a></p>
		<p>AQD to provide support to WWRDB, as resources allow.</p>		<p>On-going (see above)</p> <p>AQD staff attended the 319(g) meeting for Air and Water Directors in Philadelphia, PA June 2010. Assisted in coordinating 319(g) letter to Administrator Jackson from DEQ Director regarding atmospheric transport and deposition in the US. (Sent 11/10).</p>
		<p>The OEA will provide staff support to WRD, with respect to Hg programs, after a preferred course of action for fulfilling this obligations is selected.</p>	<p>As needed</p>	<p>OEA has a representative on the WRD committee for scrap yards. Mercury information is supplied if requested. Part of the mercury switch success noted below is contributed to a stormwater education program under discussion with ARM. DEQ drafted an article in the ARM newsletter in 2011 regarding collection of auto Hg switches.</p>

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<p>10. Continue national and regional coordination with the ECOS Quicksilver Caucus and assist in the development of a regional mercury emission reduction initiative similar to the Great Lakes Mercury in Products Phase- Down Strategy.</p> <p>List of acronyms of next page.</p>	AQD with OEA support	<p>AQD and OEA will participate regularly in the national ECOS Quicksilver Caucus and sub-committees.</p>	<p>Report on status semi-annually.</p>	<p>The QSC stopped meeting due to lack of funding summer 2015. A compendium was drafted in 2012:  <a href="http://www.michigan.gov/documents/deq/Third_Compendum_of_States_Mercury_Activities_FINAL_Oct_2012_407789_7.pdf">http://www.michigan.gov/documents/deq/Third_Compendum_of_States_Mercury_Activities_FINAL_Oct_2012_407789_7.pdf</a></p> <p>AQD staff attended the QSC-EPA Leadership Meeting in DC June 2011.</p> <p>Currently reviewing document addressing Hg gaps identified by QSC and EPA leaders at the DC meeting.</p> <p>AQD and OEA staff historically participated in the QSC calls and the sub-committees on automotive switches, thermostats, mercury export ban and dental amalgam. The auto switches, thermostat program and the EPA Mercury Export Ban, are discussed in other areas of this report.</p>
		<p>OEA will focus on product stewardship; continuing to support activities that phase out and recycle mercury-added products where viable alternatives exist. The current priority items are auto switches, thermostats and compact fluorescent lamps. OEA will report on Michigan activities under items 1, 4, 6 and 7 and use this information to help advance our other responsibilities.</p>		<p>AQD continues to participate in the National NVMSRP calls. The last report was sent in 2016. From 2007 to March of 2016, 110,000 switches were collected in Michigan.</p> <p>Historically, Michigan has 281 auto switch recyclers signed into the program but only 82 have ever participated. (A large number signed up to participate in the Cash for Clunker program but never recycled the switches as required.) Only 43 sites were active in 2010 but recycled 34,830 switches.</p>
		<p>OEA will work through the Quicksilver Caucus with manufacturers, retailers, state and federal agencies to expand the role of Product Stewardship including the development or expansion of new product take-back programs.</p>	On-going	<p>In 2012, QSC and EPA worked with TRC to encourage retailers to take back mercury thermostats. EPA has also drafted rules to remove analytical requirements for mercury thermometers that allows for the use of mercury-free replacements. EPA is working with HUD to develop a partnership with Utilities to take back gas meter regulators containing mercury removed during demolition and deconstruction by community blight projects.</p>
		<p>AQD continues to participate in a Great Lakes states Regional Mercury Workgroup in the development of a Regional Mercury Emission Reduction Initiative.</p>	Document developed by 2010	<p>A Regional Mercury Emission Reduction Strategy was developed by all 8 Great Lakes states as directed by the Council of Great Lakes States Governors. The Final Great Lakes Regional Mercury Emission Reduction Strategy was approved by all Great Lakes States Governors offices by 11-1-10.</p> <p>The Regional Strategy was approved by GLRC Subcommittee on 11-29-10 and the report was finalized and posted on the web on 12-7-10.  <a href="http://glrppr.org/glmst/Mercury-Emissions-Reduction-Strategy.pdf">http://glrppr.org/glmst/Mercury-Emissions-Reduction-Strategy.pdf</a></p> <p>A status report was developed Feb. 2014.</p>

AQD ..... Air Quality Division  
DEQ ..... Department of Environmental Quality  
EAFs ..... Electric Arc Furnaces  
EI ..... Emission Inventory  
EPA ..... Environmental Protection Agency  
GLRI ..... Great Lakes Restoration Initiative  
IMERC ..... Interstate Mercury Education and Reduction Clearinghouse  
MATS ..... Mercury and Air Toxics Standard  
MDHHS ..... Michigan Department of Health and Human Services  
MSWG ..... Mercury Strategy Workgroup  
NPDES ..... National Pollutant Discharge Elimination System  
NRC ..... National Response Center  
OEA ..... Office of Environmental Assistance – This Office was dismantled in 1/2017 & staff assigned to other areas within the DEQ  
PEAS ..... Pollution Emergency Alerting System  
RRD ..... Remediation and Redevelopment Division  
TMDL ..... Total Maximum Daily Load  
TRI ..... Toxic Release Inventory  
WMRPD ..... Waste Management and Radiological Protection Division  
WRD ..... Water Resources Division