

Appendix F  
Administrative Settlement Agreement and Order on Consent  
The Tittabawassee River/Saginaw River & Bay Site

- 8/8/78 U.S. EPA Memo from F. Kover to J. Merenda re: "Interim Status Report 8EHQ-0778-0209"
- 10/24/80 Science magazine "Trace Chemistries of Fire: A Source of Chlorinated Dioxins"
- July 1981 U.S. EPA R5 "A Report on Polychlorinated Dibenzo-P-Dioxin ("PCDDs") and Polychlorinated O Benzo Furan ("PCDFs"): A Summary of Studies Conducted in the Great Lakes Area"
- 11/5/84 Dow Chemical Company "Point Sources and Environmental Levels of 2378-TCDD (2,3,7,8-Tetrachlorobenzo-P-Dioxin) on the Midland Plant Site of the Dow Chemical Company and in the City of Midland, Michigan"
- April 1985 U.S. EPA Region 5 "Study of Dioxin & Other Toxic Pollutants – Midland, Michigan"
- July 1986 U.S. EPA Region 5 "Dow Chemical Wastewater Characterization Study – Tittabawassee River Sediments and Native Fish"
- March 1987 U.S. EPA Region 5 "Dow Chemical Building 703 Incinerator Exhaust and Ambient Air Study"
- April 1988 U.S. EPA Region 5 "Final Risk Assessment for Dioxin Contamination at Midland, Michigan"
- December 1988 "Risk Management Recommendations for Dioxin Contamination at Midland, Michigan"
- 1997 MDEQ "Summary of 1996 Midland Dioxin Screening Study Results"
- December 1998 ATSDR Toxicological Profile for Chlorinated Dibenzo-p-dioxins (Update September 2008) (PB/99/121998)
- 3/15/99 Dow Chemical Company "Soil Sampling Summary Report, The Dow Chemical Company, Midland, Michigan – MID 000 724 724"
- 8/29/02 MDEQ "Baseline Chemical Characterization of Saginaw Bay Watershed Sediments"
- June 2003 MDEQ "FINAL REPORT: Phase II Tittabawassee/Saginaw River Dioxin Flood Plain Sampling Study"
- October 2003 MDEQ "Tittabawassee River Aquatic Ecological Risk Assessment – Results"

- April 2004 MDEQ “Tittabawassee River Floodplain Screening-Level Ecological Risk Assessment – Polychlorinated Dibenzo-P-Dioxins, Polychlorinated Dibenzofurans”
- 7/30/04 U.S. EPA R5 Memorandum “Subject: (1) Health Risk Analysis of Tittabawassee Fish with Dioxin (2) Recommendations for Risk Evaluation”
- 2/24/05 Dow Chemical Company “Pilot Study Report: Oral Bioavailability of Dioxins/Furans in Midland and Tittabawassee River Flood Plain Soils”
- 7/14/2005 MDEQ Soil Sampling and Analysis Results from The Dow Chemical Company Plant Site, Midland, MI.
- March 2006 ToxFAQs: CABS/Chemical Agent Briefing Sheet: Dioxins
- 6/06/06 and 6/7/06 MDEQ Soil Sampling and Analysis Results from The Dow Chemical Company Plant Site, Midland, MI.
- 6/12/06 Dow Chemical Company “Follow-up Study Report: Oral Bioavailability of Dioxins/Furans in Midland and Tittabawassee River Flood Plain Soils”
- 7/7/06 Dow Chemical Company “*GeoMorph*<sup>®</sup> Sampling and Analysis Plan – Upper Tittabawassee River – Midland, Michigan”
- August 2008 University of Michigan “Measuring People’s Exposure to Dioxin Contamination Along the Tittabawassee River and Surrounding Areas” (aka University of Michigan Dioxin Exposure Study (“UMDES”))
- 8/31/06 MDEQ “Final Report – Dioxin-Like Toxicity in the Saginaw Bay Watershed & PBDE Distribution in the Saginaw Bay Watershed”
- 12/1/06 Dow Chemical Company “Remedial Investigation Work Plan (RIWP): Tittabawassee River and Upper Saginaw River and Floodplain Soils – Midland, Michigan”
- 2/1/07 Dow Chemical Company “*GeoMorph*<sup>®</sup> Pilot Site Characterization Report – Upper Tittabawassee River and Floodplain Soils – Midland, Michigan”
- 9/07/07 Dow Chemical Company “H-6 Enhanced Exposure Control, 2005 and 2006 Surface Soil Sampling and Testing Results Summary, The Dow Chemical Company”
- 9/17/07 Dow Chemical Company “Remedial Investigation Work Plan (RIWP) for the Tittabawassee River”
- October 2007 Dow Chemical Company “Midland Area Soils Remedial Investigation Work Plan”

- 10/15/07 Dow Chemical Company “Direct Contact Criteria Report for Midland Soils”
- 3/3/08 Dow Chemical Company “*GeoMorph*<sup>®</sup> Site Characterization Report, March 2008 Update, Tittabawassee River and Floodplain Soils, Midland, Michigan”
- 6/15/09 Dow Chemical Company “Final *GeoMorph*<sup>®</sup> Site Characterization Report, Tittabawassee River and Floodplain Soils, Midland, Michigan”
- 11/1/07 ATSDR Health Consultation “A Pilot Exposure Investigation: Dioxin Exposure in Adults Living in the Tittabawassee River Flood Plain,” conducted by the MDCH Division of Environmental and Occupational Epidemiology under a cooperative agreement with ATSDR.
- 8/12/04 Health Consultation, Dioxin Contamination in Soil, The Dow Chemical Company, Michigan Division, Midland Location, Midland, Midland County, Michigan
- 8/12/04 Health Consultation, Tittabawassee River Floodplain Dioxin Contamination, Tittabawassee River, Midland, Midland County, Michigan
- 4/29/05 Petitioned Health Consultation, Dioxins in Wild Game Taken from the Tittabawassee River Floodplain South of Midland, Midland and Saginaw Counties, Michigan
- 7/27/05 Health Consultation, Tittabawassee River Fish Consumption, Midland, Midland County, Michigan
- 6/14/07 Fish Consumption Survey of People Fishing and Harvesting Fish from the Saginaw Bay Watershed
- 11/14/07 Interim Fish Consumption Advisory for the Saginaw River
- 2/4/08 Health Consultation, Evaluation of Saginaw River Dioxin Exposures and Health Risks, Saginaw River, City of Saginaw, Saginaw County, Michigan
- 5/15/08 Wild Game Advisories for the Tittabawassee and Saginaw River Flood Plains
- 8/19/09 Health Consultation, Dioxin Contamination on Residential Property in the Tittabawassee River Floodplain, Saginaw County, Michigan
- In The Matter of The Dow Chemical Company, U.S. EPA Docket No. V-W-07-C-874 (Jul. 12, 2007)
- In The Matter of The Dow Chemical Company, U.S. EPA Docket No. V-W-07-C-875 (Jul. 12, 2007)
- In The Matter of The Dow Chemical Company, U.S. EPA Docket No. V-W-07-C-876 (Jul. 12, 2007)

- In The Matter of The Dow Chemical Company, U.S. EPA Docket No. V-W-08-C-886 (Nov. 15, 2007)

- In The Matter of The Dow Chemical Company, U.S. EPA Docket No. V-W-08-C-906 (Jul. 15, 2008)

- In The Matter of The Dow Chemical Company, U.S. EPA Docket No. V-W-09-C-921 (Feb. 27, 2009)