

DEQ/Dow Community Involvement

Agency: Environmental Quality

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The links in this document will lead you to information on the community involvement activities of the Michigan Department of Environmental Quality and The Dow Chemical Company in 2003 through 2009 related to addressing the elevated levels of dioxin and furans in the environment in the Tri-Cities communities from Midland to the Saginaw Bay.

References or links in this Web site do not constitute endorsement or recommendation by the DEQ. The DEQ is not responsible for the content of any "off-site" Web page referenced from this server.

November 5, 2009 EPA/DEQ Meetings at Saginaw Valley State University

- Presentation made by Allan Taylor at the DEQ Public Availability Session
 - [Part 1 of 2](#)
 - [Part 2 of 2](#)
- 6 p.m., Curtiss Hall, Banquet Room C, DEQ Public Availability Session with updates on corrective action work. Topics will include Reach B and Reach D Sediment Cleanup and Capping, Historic Outfall Investigation (H-12) Bank Stabilization Pilot Projects, and update on the City of Midland Soil Investigation Process. DEQ staff will also be available to answer questions on other issues.
- 7 p.m., Curtiss Hall, Banquet Rooms A&B, EPA/DEQ meeting and public comment session on the Proposed Settlement for the Tittabawassee River, Saginaw River, and Saginaw Bay Cleanup.

May 6, 2009 DEQ Tri-Cities Dioxin Community Meeting

- [Press Release](#) and [Agenda](#) for the meeting
- [Presentation](#) - Allan Taylor meeting presentation

November 6, 2008 DEQ Tri-Cities Dioxin Community Meeting

- [Meeting Transcript](#) - **Note that the transcript has undergone minor editing mainly to correct some names. The transcript may contain errors that have not been corrected. It should, however, provide a good overview of the content of the meeting.
- [Press Release](#) and [Agenda](#) for the meeting
- [Sediment Trap Pilot Project Feasibility Study for the Saginaw River, Michigan](#) (10/2/2008)

August 7, 2008 DEQ Tri-Cities Dioxin Community Meeting

- [Meeting Transcript](#) - **Note that the transcript has undergone minor editing mainly to correct some names. The transcript may contain errors that have not been corrected. It should, however, provide a good overview of the content of the meeting.
- [Agenda](#) for the meeting

May 7, 2008 DEQ Tri-Cities Dioxin Community Meeting

- [Meeting Transcript](#) - **Note that the transcript has undergone minor editing mainly to correct some names. The transcript may contain errors that have not been corrected. It should, however, provide a good overview of the content of the meeting.
- [Agenda](#) for the meeting

April 7, 2008 Natural Resource Damage Assessment (NRDA)

[Plan](#) and [Attachments](#) for the Tittabawassee River System Assessment Area - Prepared by Stratus Consulting under contract for the DEQ Remediation and Redevelopment Division.

February 7, 2008 DEQ Tri-Cities Dioxin Community Meeting

[Agenda](#) for the meeting - Note that Dow has declined to co-sponsor and participate in this meeting. This meeting will not be videotaped, recorded, or transcribed.

November 28, 2007 DEQ/Dow Tri-Cities Dioxin Community Meeting

- [Meeting Transcript](#) - **Note that the transcript has undergone some editing. Dow edited the transcript for typographical errors and clarity (red revisions) and the DEQ edited it for some additional minor transcription errors (blue revisions). The transcript may contain other errors that have not been corrected. It should, however, provide a good overview of the content of the meeting.
- [Agenda](#) for the Meeting

August 9, 2007 DEQ/Dow Tri-Cities Dioxin Community Meeting

- [Meeting Transcript](#) - **Note that the transcript has undergone some editing. Dow edited the transcript for typographical errors and clarity (red revisions) and the DEQ edited it for some additional minor transcription errors (blue revisions). The transcript may contain other errors that have not been corrected. It should, however, provide a good overview of the content of the meeting.
- [Agenda](#) for the Meeting

May 3, 2007 DEQ/Dow Tri-Cities Dioxin Community Meeting

- [Meeting Transcript](#) - **Note that the transcript has undergone some editing. Dow edited the transcript for typographical errors and clarity (blue revisions) and the DEQ edited it for some transcription errors (red revisions). The transcript may contain other errors that have not been corrected. It should, however, provide a good overview of the content of the meeting.
- [Agenda](#) for the Meeting
- [Overview and Purpose](#) of Tri-Cities Dioxin Community Meetings
- [Human Health Risk Assessment Process](#) Overview Presentation

February 8, 2007 DEQ/Dow Tri-Cities Dioxin Community Meeting

- [Meeting Transcript](#) - **Note that the transcript has undergone some editing. Dow edited the transcript for typographical errors and clarity (orange text) and the DEQ edited it for an incorrect transcription (green text). The transcript may contain other errors that have not been corrected. It should, however, provide a good overview of the content of the meeting.
- [Agenda](#) for the Meeting
- [Supporting Materials for the Meeting](#)

November 8, 2006 DEQ/Dow Tri-Cities Dioxin Community Meeting

- [Meeting Transcript](#) - **Note that the transcript has not been edited by the DEQ so it may contain some errors. However, it should provide a good overview of the content of the meeting.
- Supporting Materials for the Meeting
 - [Notice of Intent](#) to Perform a Natural Resource Damage Assessment for Releases at or from The Dow Chemical Company Manufacturing Plant Property at Midland, Michigan (10/13/06)

November 8, 2006 DEQ/Dow Tri-Cities Dioxin Community Meeting (continued)

- Supporting Materials for the Meeting (continued)
 - [Preassessment Screen](#) and Determination for Natural Resource Damages Related to Releases at or from The Dow Chemical Company Manufacturing Plant Property at Midland, Michigan (10/13/06)
 - [Sediment Trap Study 1](#) (10/24/06)
 - [Sediment Trap Study 2](#) (10/24/06)
 - [Sampling and Analysis Plan in Support of Bioavailability Study, Midland Area Soils](#) (Received 8/7/06)
 - Final GeoMorph Sampling and Analysis Plan, Upper Tittabawassee River (7/7/06)
 - [Text](#)
 - [Attachment A](#)
 - [Attachment B](#)
 - [Attachment C](#)
 - [Attachment D](#)
 - [Attachment E](#) (**Note, this file is too large to place on this web site. Contact Cheryl Howe, Resource Management Division, at 517-373-9881 if you need a copy of this attachment)
 - [Attachment F](#)
 - [Attachment G](#)
 - [Attachment H](#)
 - [Attachment I](#)

Follow-up to August 9, 2006 DEQ/Dow Tri-Cities Dioxin Community Meeting

As was announced by Dr. David Garabrant at the August 9, 2006 meeting, the University of Michigan, Dioxin Exposure Study (UM DES) team made some preliminary results from the study available to the public on August 15, 2006. At this meeting, it was stated that additional analyses will be conducted on the UM DES data. The DEQ does not endorse the use of the study results for regulatory decisionmaking. The UM DES study results may be found at: <http://www.umdioxin.org>.

August 9, 2006 DEQ/Dow Tri-Cities Dioxin Community Meeting

- [Meeting Transcript](#) - **Note that the transcript has not been edited by the DEQ so it may contain some errors. However, it should provide a good overview of the content of the meeting.
- [Agenda](#) for the meeting
- Supporting Materials for the Meeting
 - [DEQ Approval of GeoMorph Sampling and Analysis Plan](#), Upper Tittabawassee River (7/12/06)
 - Final GeoMorph Sampling and Analysis Plan, Upper Tittabawassee River (7/7/06) - See above under November 8, 2006 meeting information.
 - [Avoid Mercury in Fish and Seafood-Shopping & Restaurant Guide](#)
 - Links to National Academy of Sciences' Evaluation of the EPA Reassessment, Health Risks from Dioxin and Related Compounds:
 - [Web Site](#)
 - [Press Release](#)
 - [Public Summary Report in Brief](#) (6 pages)
 - [Executive Summary](#) (39 pages)
 - [2005 World Health Organization Toxic Equivalency Factors](#)

May 10, 2006 DEQ/Dow Tri-Cities Dioxin Community Meeting

- [Meeting Transcript](#) - **Note that the transcript has not been edited by the DEQ so it may contain some errors. However, it should provide a good overview of the content of the meeting.
- [Agenda](#) for the meeting
- Supporting Materials for the Meeting
 - [Dow Responses to the MDEQ March 2 and April 13, 2006 Notices of Deficiency](#) (5/1/06)
 - [Sampling Approach in Support of Bioavailability Study, Midland Area Soils](#) (5/1/06)
 - [Transmittal E-Mail](#) and [Revised Midland Soil Schedule](#) (5/5/06)
 - [Detailed Notice of Deficiency \(NOD\) Tittabawassee River and Floodplain Remedial Investigation Work Plan and Midland Area Soils Remedial Investigation Work Plan](#) (4/13/06)
 - [Notice of Deficiency \(NOD\) Tittabawassee River and Floodplain Remedial Investigation Work Plan and Midland Area Soils Remedial Investigation Work Plan](#) (3/2/06)

February 9, 2006 DEQ/Dow Tri-Cities Dioxin Community Meeting

- [Meeting Transcript](#) -**Note that the transcript may contain some errors, however, it should provide a good overview of the content of the meeting.
- Updated [Press Release](#) and [Agenda](#) for the meeting.
- [Great Lakes National Program Office \(GLNPO\) Study Update](#)
- [Dow Remedial Investigation Work Plans for Midland Area Soils and Tittabawassee River and Floodplain](#) (Submitted December 29, 2005).

November 9, 2005 DEQ/Dow Tri-Cities Dioxin Community Meeting

- [Meeting Transcript](#)
- [Agenda](#) and Supporting Materials
 - [Midland Representative Soils Sampling and Analysis Plan in Support of Bioavailability Study, November 2005](#)
 - [Preliminary Conceptual Site Model Update](#) - Tittabawassee River and Floodplain, November 2005 (**Note, this file is too large to place on this web site, Contact Cheryl Howe, Resource Management Division, at 517-373-9881 if you need a copy of this document)

2003-2004 COMMUNITY INVOLVEMENT

[June 12, 2003-Community Outreach](#) (Tri-County Project Coordination & Community Involvement Plan)

Community Advisory Panel (CAP) Meeting Summaries

- [July 31, 2003](#)
- [September 3, 2003](#)
- [October 8, 2003](#)
- [December 3, 2003, PowerPoint Presentation](#) – DCH Pilot Exposure Investigation (pdf format), and [Handout](#) – Scope of Work Review Status
- [January 7, 2004](#)
- [March 10, 2004](#)
- May 26, 2004: (Meeting Summary Not Available)
- [Director Steven Chester's Presentation](#) - Midland Community Meeting on Dioxin, May 26, 2004 [Presentation](#)- pdf format
- Open Letters
 - [May 2004 DEQ Response to a Concerned Citizen](#)

- [DEQ Director's June 2004 Letter to Detroit News RE: Tittabawassee-Dioxin Site](#)

Other Community Involvement

- July 2005 Dioxin Expert in Midland
 - [Dr. Linda Birnbaum Powerpoint](#) (July 12, 2005 Presentation, Grace A. Dow Memorial Library-Midland, MI)

DEQ/Dow Town Hall Meetings on Ongoing Community Involvement Process

- [Transcript](#) of June 28, 2005 DEQ Community Advisory Panel Meeting on Community Involvement
- [Transcript](#) of August 17, 2005 Town Hall Meeting
- [Transcript](#) of August 24, 2005 Town Hall Meeting
 - [DEQ Responses to Resident's Questions at August 24, 2005 Town Hall Meeting](#)
- [Transcript](#) of August 25, 2005 Town Hall Meeting
- [Town Hall Presentation](#)- August 2005

Town Hall Handouts

- [Summary of Insights from the Convening Meetings](#)
- [Dow Off-Site Corrective Action Proposed Ongoing Community Involvement Process](#)
- [Community Advisory Committee Proposal](#)
- [Addressing the Tri-Cities Dioxin/Furan Situation](#)
- [Frequently Asked Questions for Owners of Property Affected by Migrating Dioxin Contamination, REVISED Supplemental Advisory](#)

DEQ/Dow Framework Rollout Convening Meetings

- March 17, 2005 - [Tittabawassee Notes](#)
- April 6, 2005 - [Midland Notes](#)
- April 7, 2005 - [Saginaw Notes](#)
- April 14, 2005 - [Bay City Notes](#)

[Director Steven E. Chester's Powerpoint Presentation](#) - 2005 Framework for an Agreement

[Responses to Comments/Questions from Convening Meetings Held in March and April 2005](#)