



**TOSC Program**  
**Midwest Hazardous Substance Research Center**  
**B100A Research Complex-Engineering**  
**Michigan State University**  
**East Lansing, MI 48824**



**MEMORANDUM OF AGREEMENT BETWEEN ANN ARBOR-AREA  
RESIDENTS/OFFICIALS AND MICHIGAN STATE UNIVERSITY TOSC  
PROGRAM**

**November 5, 2003**

***Introduction***

The Midwest Hazardous Substance Research Center (MHSRC) provides independent scientific assistance to communities with hazardous substance contamination problems. The assistance is provided through the Technical Outreach Services for Communities (TOSC) Program at Michigan State University. The TOSC Program facilitates public involvement in environmental decision-making through educational and technical assistance services, and is funded under a grant from the U.S. Environmental Protection Agency.

The TOSC Program seeks to build understanding of site contamination problems and thereby empower citizens and local government to participate more effectively in the decision-making process. Working collaboratively with citizens, TOSC faculty design educational workshops that address key questions and concerns.

Ann Arbor and Scio Township citizens, and City of Ann Arbor officials (the Applicants), have requested TOSC Program assistance concerning the Pall-Gelman 1,4-dioxane contamination problem. They seek assistance regarding the extent of the contamination, the environmental impact of the contamination, the ecological and human health impacts, and cleanup remedy options.

***Agreement***

This Memorandum of Agreement between the Applicants and the TOSC Program states the principles and nature of our collaborative efforts. It is not legally binding upon either the Applicants or the TOSC Program.

**Scope of Services**

During the period of this agreement, the TOSC Program proposes to provide the following services. Other services may be enumerated in subsequent agreements. The TOSC Program will also provide a written Outreach Plan at a subsequent date, which further enumerates TOSC Program services.

- As requested by the Applicants, the MSU TOSC Program will provide information on key issues and concepts related to the characterization of the 1,4-dioxane contamination in the groundwater in Scio Township and Ann Arbor; and hold workshop(s) to explain those issues and concepts.
- As requested by the Applicants, the MSU TOSC Program will provide written reviews of proposals by Pall Life Sciences to remediate (“clean up”) the contaminated groundwater.
- As requested by the Applicants, the MSU TOSC Program will assist the Applicants in staying informed on key technical and regulatory issues.

This services listed above will be provided through community workshops and information sessions, technical document review, and general community education. TOSC Program services are available to all interested parties, and the Applicants and TOSC will work to publicize the services that TOSC provides.

TOSC and its representatives will maintain a position of non-advocacy. Any recommendations made by the TOSC program are to be seen as advisory and provided as information that citizens may use in their decision-making. This technical assistance will not supersede nor interpret federal, state, or local laws and regulations, and assistance provided cannot be considered legal advice.

The community will contribute their knowledge, experience, and time. In kind contributions (e.g., distributing fliers or organizing meetings) are helpful.

### Project Evaluation

Every six months, the partnership between the Applicants and TOSC will be evaluated using the following criteria:

- value of information provided by TOSC
- timeliness of information provided by TOSC
- ease with which information was utilized by community
- interest of the community in participating with TOSC

### Project Duration

The approximate duration of technical assistance will be for two years’ worth of service, even if that takes longer than two calendar years, with the project start date of November 5, 2003. Extension of the agreement after two years’ service is possible if both parties agree in writing. This agreement can be terminated at any time before the anticipated end date by written request of either party. Reasons for project termination should be included in the termination request in order for both parties to evaluate the effectiveness of the services provided and to improve future attempts at similar agreements.

If at any time during the duration of the agreement the community is not satisfied with the work of TOSC, contact should be made with the Director of Technology Transfer

and Training, Dr. Thomas Voice, by calling him at 1-800-490-3890.

Signatures of Applicants and TOSC

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Matthew Naud,  
Environmental Coordinator, City of Ann Arbor

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Date

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Roger Rayle, Scio Residents for Safe Water

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Date

\_\_\_\_\_  
Kirk S. Riley, TOSC Program Manager

\_\_\_\_\_  
Date