

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
77 West Jackson Boulevard
Chicago, Illinois 60604-3590**

DATE: January 15, 1992

SUBJECT: Sheboygan River & Harbor

FORM: Bonnie L. Eleder *BLE*

TO: Meeting Participants

The purpose of this memorandum is to provide a summary of the meeting held on January 14, 1992, 10:30 AM in WDNR offices in Madison, Wisconsin. Please let me know should I misconstrue any aspect of the meeting in this summary. The purpose of the meeting was to discuss the additional monitoring needs for the Sheboygan site, identified in my letter dated October 11, 1991. A letter dated January 13, 1992 regarding additional investigative activities was delivered to Dawn Foster, Blasland & Bouck Engineers. Specifically, it requests that a mini-ground water investigation be conducted for PCBs, in the area between the Tecumseh plant and the Sheboygan River. In addition, a draft project schedule was provided for review. Comments were agreed to be provided to me by January 28, 1991.

Four types of monitoring needs were identified in the October 11, 1991 letter: additional caged fish study; monitoring of the armored areas; quarterly water column monitoring; and congener-specific PCB analysis.

Caged Fish Study

With the completion of the Removal Action activities on the river, a final (post-construction) caged fish study will be conducted in August/September 1992, to coincide with the timing of the previous (pre-construction) study. Sufficient notice will be provided to WDNR in order to allow them to mobilize for their own studies on the river.

Monitoring of the Armored Areas

A lengthy discussion was held regarding several monitoring strategies that WDNR identified during the meeting. These are (1) monitoring of the water within and around an armored area, including upstream and downstream water column, ground water, and pore water; (2) laboratory studies; (3) development of a mathematical model; and (4) tracer study. Blasland and Bouck Engineers (BBE) indicated that these options were among those they have discussed internally. BBE stated that they had concluded that these types of strategies would not result in significantly better data than is currently being collected.

It was agreed that BBE would prepare a narrative discussing where they believe the deficiencies lie in the various monitoring strategies (including that currently in-place).

Quarterly Water Column Monitoring

WDNR discussed the use of Isco samplers as a means to reduce the variability in the data. BBE indicated that the use of the Isco would probably provide "better" data for the purposes of long term site monitoring, but that for data being collected for the Transport Modeling, the current method of collecting samples is preferable. BBE agreed to do a trial run for the purposes of comparing the Isco sampler and the current sample collection method. This is scheduled for the July 1992 sampling period. A QAPP Addendum will be required for the change in method. BBE will be discussing this with Tecumseh and upon the "go ahead", a QAPP Addendum will be prepared.

Congener Specific PCB Analysis

A potential need for congener-specific PCB data on the river and harbor sediments was brought to the attention of BBE. This is based on the identification of congener-specific PCB sediment criteria as "To Be Considered" in the context of ARARs for the site. With the completion of the WDNR development of these criteria and their submittal to U.S. EPA, a determination will be made on the sediment criteria for the site and provided to BBE. At that point, BBE will review the existing data for their applicability and determination of additional data needs will be made.

Participants:

Robin Schmidt, Linda Talbot, Bill Fitzpatrick, Tom Janisch, Tom Aartila, Dave O'Malley, Tom Wentland, Dave Hohreiter, Dawn Foster, Bonnie Eleder

Jan. 14, 1992 10:30 AM Sheboygan Meeting

NAME

Bonnie Eleder	U.S. EPA	312-886-4885
Linda Talbot	WONR	608-266-8148
Robin Schmidt	WONR	608-267-7569
Bill Fitzpatrick	"	608-266-9267
Tom Janisch	"	608-266-9268
Tom AARTILA	"	414-263-8701
Dave O'Malley	"	608-266-9275
Tom Wentland	"	414-263-8652
Dave Hohreiter	Blasland & Bouck	(315) 446-9120
Dawn Foster	"	" "