

APPENDIX B

**HAZARDOUS, TOXIC, AND RADIOACTIVE WASTE PHASE I
ENVIRONMENTAL SITE ASSESSMENT**

**PHASE IA AND IB ENVIRONMENTAL SITE ASSESSMENT
PEKIN LAKE SECTION 519 TARGET PROPERTIES
T25N, R5W OF TAZEWELL COUNTY, ILLINOIS**

Prepared For:

ROCK ISLAND DISTRICT CORPS OF ENGINEERS
C/O Mr. Jon Fleischman
CLOCK TOWER BUILDING – P.O. BOX 2004
ROCK ISLAND, ILLINOIS 61204-2004

Prepared By:

MISSMAN, STANLEY & ASSOCIATES, P.C.
2415 18th Street, Suite 203
Bettendorf, Iowa



**Missman Project No. C02E020
September 27, 2002**



September 27, 2002

Mr. Jon Fleischman
Rock Island District Corps of Engineers
Clock Tower Building – P.O. Box 2004
Rock Island, Illinois 61204-2004

RE: Phase IA and IB Environmental Site Assessment
Pekin Lake Section 519
Tazewell County, Illinois
MSA Project No. C02E020

Dear Mr. Fleischman:

Missman, Stanley & Associates, P.C. (Missman) submits herewith a Phase I Environmental Site Assessment report for the property associated with the Pekin Lake Section 519 project in Tazewell County, Illinois. The assessment discussed herein was performed in accordance with the protocol set forth in ASTM Practice E 1527-00, and your agency's Statement of Work dated May 29, 2002.

The subject property is comprised of four (4) sites of approximately 498 acres of wetland backwaters of the Illinois River and approximately 31.66 acres of a former quarry. Recognized environmental conditions, if identified, are discussed in Section 7.0 of the attached report.

We have enjoyed working with the Rock Island District Corps of Engineers on this project. If you have any questions regarding this report, or if we can be of assistance on any other matter, please do not hesitate to contact our office.

Sincerely,

MISSMAN, STANLEY & ASSOCIATES, P.C.

By 
Paul A. Loete, P.E.
Environmental Engineer

The complete HTRW Phase I ESA is available at the Rock Island District office:

U.S. Army Engineer District, Rock Island
ATTN: CEMVR-ED-DN
Clock Tower Building
P.O. Box 2004
Rock Island, IL 61204-2004

**PHASE IA AND IB ENVIRONMENTAL SITE ASSESSMENT
PEKIN LAKE SECTION 519 TARGET PROPERTIES
TAZEWELL COUNTY, ILLINOIS
September 27, 2002**

1.0 EXECUTIVE SUMMARY

Missman, Stanley & Associates, P.C. (Missman) was contracted by the Rock Island District U.S. Army Corps of Engineers (USACE) to perform a Phase I Environmental Site Assessment of four (4) target properties (Sites 1-4) located along the Illinois River at river mile 153 to 158. These properties are associated with the Pekin Lake, Section 519 project. Sites 1, 2, the western portions of Site 3, and Site 4 consisted of approximately 498 acres of wetland backwaters of the Illinois River. The eastern most portion of Site 3 consisted of approximately 31.66 acres of a former quarry and timberland.

Historical use of the property included farmland, outdoor sports area for hunting and fishing and a gravel quarry. Based on our review of historic records, it does not appear the subject properties have been historically developed, except for a farmhouse located on the western portion of Site 3, which is currently Pekin Lake.

This Phase I Environmental Site Assessment was performed in general accordance with the protocol set forth in ASTM 1527-00, and the USACE Statement of Work (SOW) dated May 29, 2002. As a result of this assessment, the following recognized environmental conditions have been identified on the subject property:

- The presence of rubble dumped on the banks of the western portion of Site 3. Although the materials that were observed appeared to have been dumped in recent history, it is unknown if other materials have been buried or covered in that area. Due to the uncontrolled nature of these materials, it is possible that regulated contaminants have been dumped in the area.
- The presence of three cemetery sites adjacent to the west and southern portion of Site 3. Historic cemetery sites have the potential for regulated contaminants to leach to soil and groundwater. These constituents have the potential to impact surface waters in the quarry.