Appendix C

US Army Corps of Engineers Permit Conditions

DEPARTMENT OF THE ARMY
ST. PAUL DISTRICT, CORPS OF ENGINEERS
ARMY CORPS OF ENGINEERS CENTRE
190 FIFTH STREET EAST
ST. PAUL, MN 55101-1638

August 17, 1998

REPLY TO
ATTENTION OF
Construction-Operations
Regulatory (98-05587-GRK)

Mr. Mike Liebman
Foth & Van Dyke
P.O. Box 19012
Green Bay, Wisconsin 54307

Dear Mr. Liebman:

We have reviewed information about a project of the Wisconsin Department of Administration, Division of Facilities Development to construct a turbidity barrier and dredge materials from the Fox River. The project site is in the N 1/2 Sec. 27, T. 21N., R. 18E., Outagamie County, Wisconsin.

This work is authorized by a Department of the Army nationwide permit **PROVIDED THE WORK IS PERFORMED AS SHOWN IN THE ATTACHED PERMIT SKETCHES NUMBERED 1 OF 6 THROUGH 6 OF 6, AND IN ACCORDANCE WITH THE ENCLOSED NATIONWIDE PERMIT GENERAL CONDITIONS AND THE FOLLOWING SPECIAL CONDITIONS:**

a. You must obtain all necessary leases, easements or licenses required by the Real Estate Division, Detroit District, Corps of Engineers before starting your project.

b. The turbidity barrier, dredging pipe, and any other permanent or temporary structures located in the Fox River must be marked with standard U.S. Coast Guard regulated warning devices.

c. All required State, Federal, and local approval for the transportation and disposal of contaminated sediments must be obtained prior to commencement of the dredging activities.

Please notify WDNR five days prior to, and again five days following the discharge. WDNR shall be allowed access to inspect any discharge to ensure compliance with applicable state laws.

This verification of a nationwide permit is valid for two years from the date of this letter unless the nationwide permit is modified, reissued, or revoked. It is your responsibility to remain informed of changes to the nationwide permit program. A public notice announcing any changes will be issued if and when they occur. If these activities are not undertaken within the two year period, or the project specifications have changed, you must immediately notify this office to determine the need for further approval or reverification.

Printed on Recycled Paper

It is also your responsibility to ensure that the work complies with the terms of this letter and the enclosures. The start of work authorized by nationwide permit constitutes acceptance of the above described conditions. If you are unable or unwilling to abide by these conditions you should request a review of your proposal under the Corps individual permit process.

Receipt of this authorization does not eliminate the requirement TO OBTAIN ALL REQUIRED STATE AND LOCAL PERMITS AND APPROVALS BEFORE YOU PROCEED WITH YOUR PROJECT.

If you have any questions, contact Gary Knapton in our Green Bay office at (920) 448-2824. In any correspondence or inquiries, please refer to the Regulatory number shown above.

Sincerely,

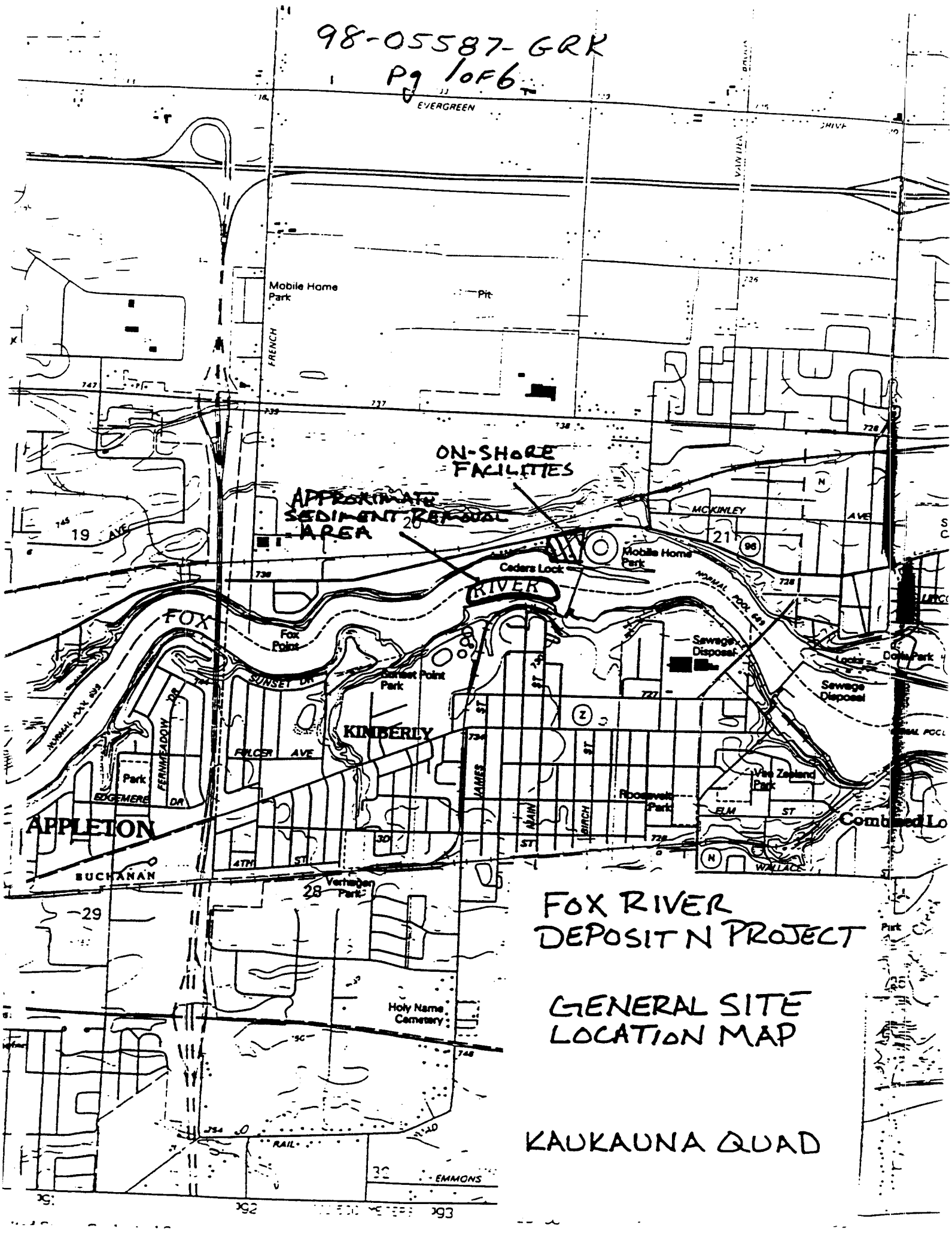
Ben A. Wopat
Chief, Regulatory Branch

Enclosures
Nationwide permit conditions

Determination: Nationwide Permit (38)

Copy furnished to:
Detroit District, Corps of Engineers
Michael Hanaway, DNR
(Reference WDNR No. 3-NE-98-0239LF)

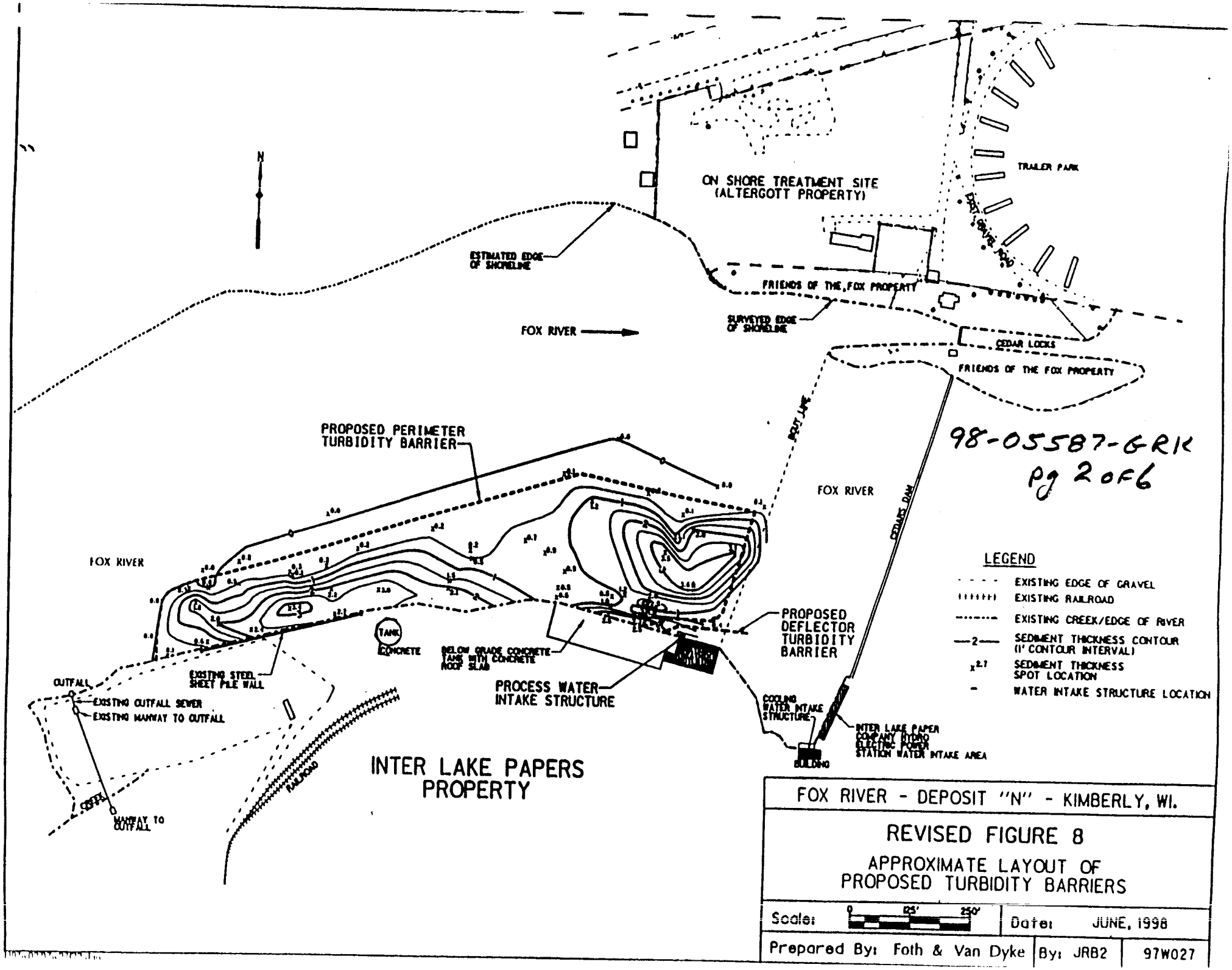
98-05587-GRK
Pg 1 of 6

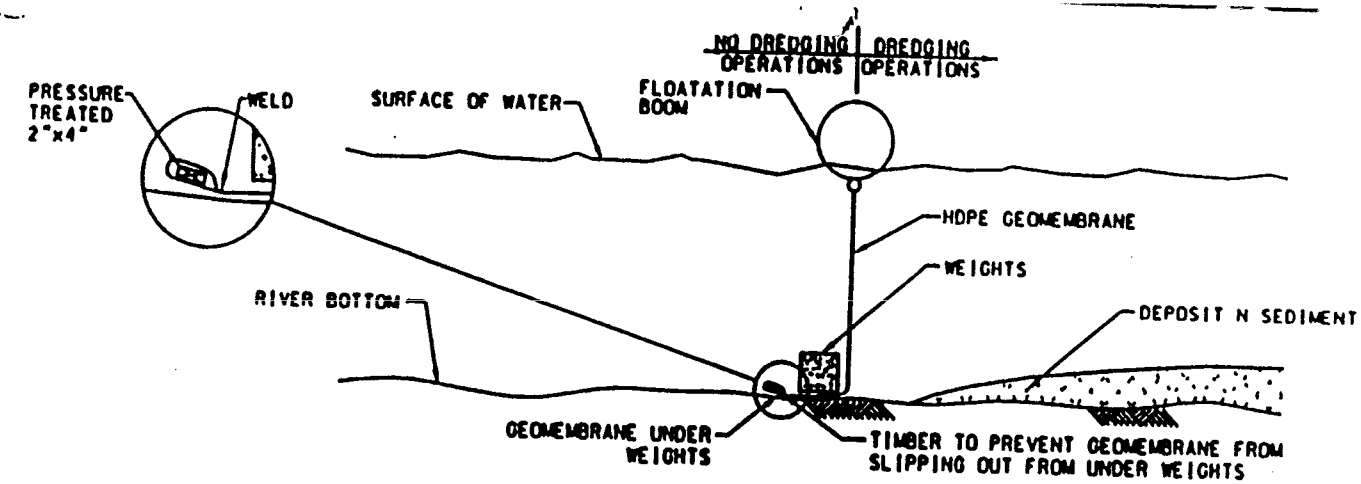


FOX RIVER DEPOSITN PROJECT

GENERAL SITE LOCATION MAP

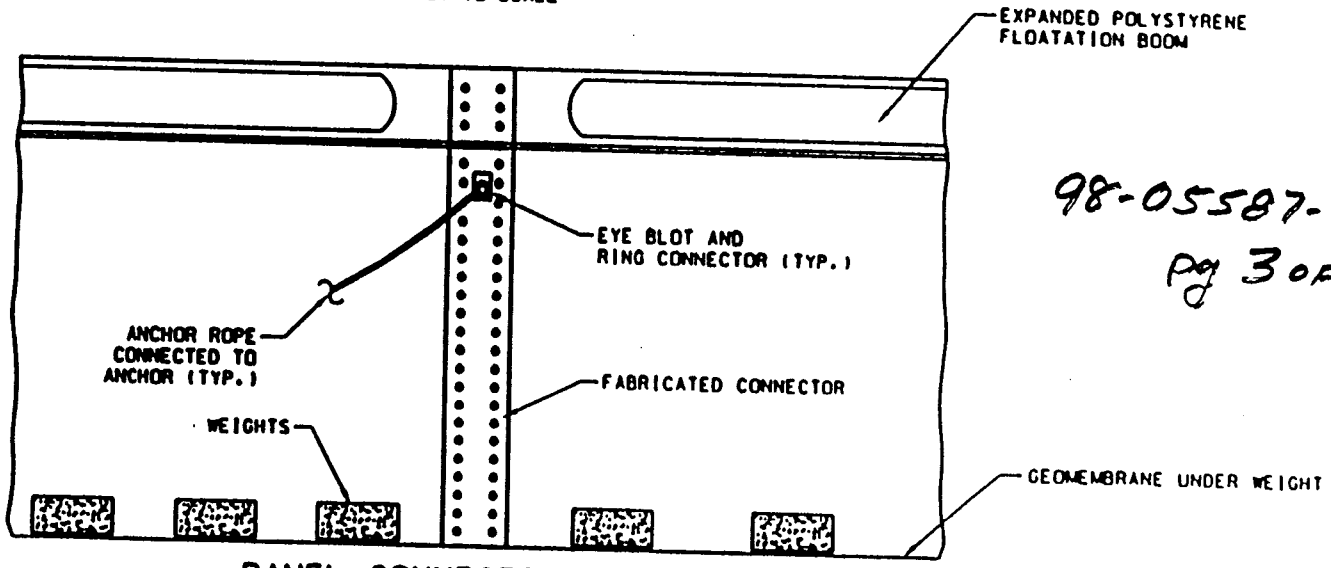
KAUKAUNA QUAD


N
ON SHORE TREATMENT SITE
(ALTERGOTT PROPERTY)
TRAILER PARK
ESTIMATED EDGE OF SHORELINE
FRIENDS OF THE FOX PROPERTY
SURVEYED EDGE OF SHORELINE
FOX RIVER
CEDAR LOCKS
FRIENDS OF THE FOX PROPERTY
PROPOSED PERIMETER TURBIDITY BARRIER
FOX RIVER
FOX RIVER
TANK
CONCRETE
BELOW GRADE CONCRETE TANK WITH CONCRETE ROOF SLAB
EXISTING STEEL SHEET PILE WALL
PROPOSED DEFLECTOR TURBIDITY BARRIER
PROCESS WATER INTAKE STRUCTURE
OUTFALL
EXISTING OUTFALL SEWER
EXISTING MANWAY TO OUTFALL
MANWAY TO OUTFALL
CREEK
RAILROAD
INTER LAKE PAPERS PROPERTY
COOLING WATER INTAKE STRUCTURE
INTER LAKE PAPER COMPANY HYDRO ELECTRIC POWER STATION WATER INTAKE AREA
BUILDING
LEGEND
EXISTING EDGE OF GRAVEL
EXISTING RAILROAD
EXISTING CREEK/EDGE OF RIVER
SEDIMENT THICKNESS CONTOUR (1' CONTOUR INTERVAL)
SEDIMENT THICKNESS SPOT LOCATION
WATER INTAKE STRUCTURE LOCATION
98-05587-GRK
pg 2 of 6
FOX RIVER - DEPOSIT "N" - KIMBERLY, WI.
REVISED FIGURE 8
APPROXIMATE LAYOUT OF PROPOSED TURBIDITY BARRIERS
Scale: 0 125' 250'
Date: JUNE, 1998
Prepared By: Foth & Van Dyke
By: JRB2
97W027



GEOMEMBRANE CONTAINMENT DETAIL

NOT TO SCALE



PANEL CONNECTION DETAIL

NOT TO SCALE

98-05587-GRK
Pg 3 of 6

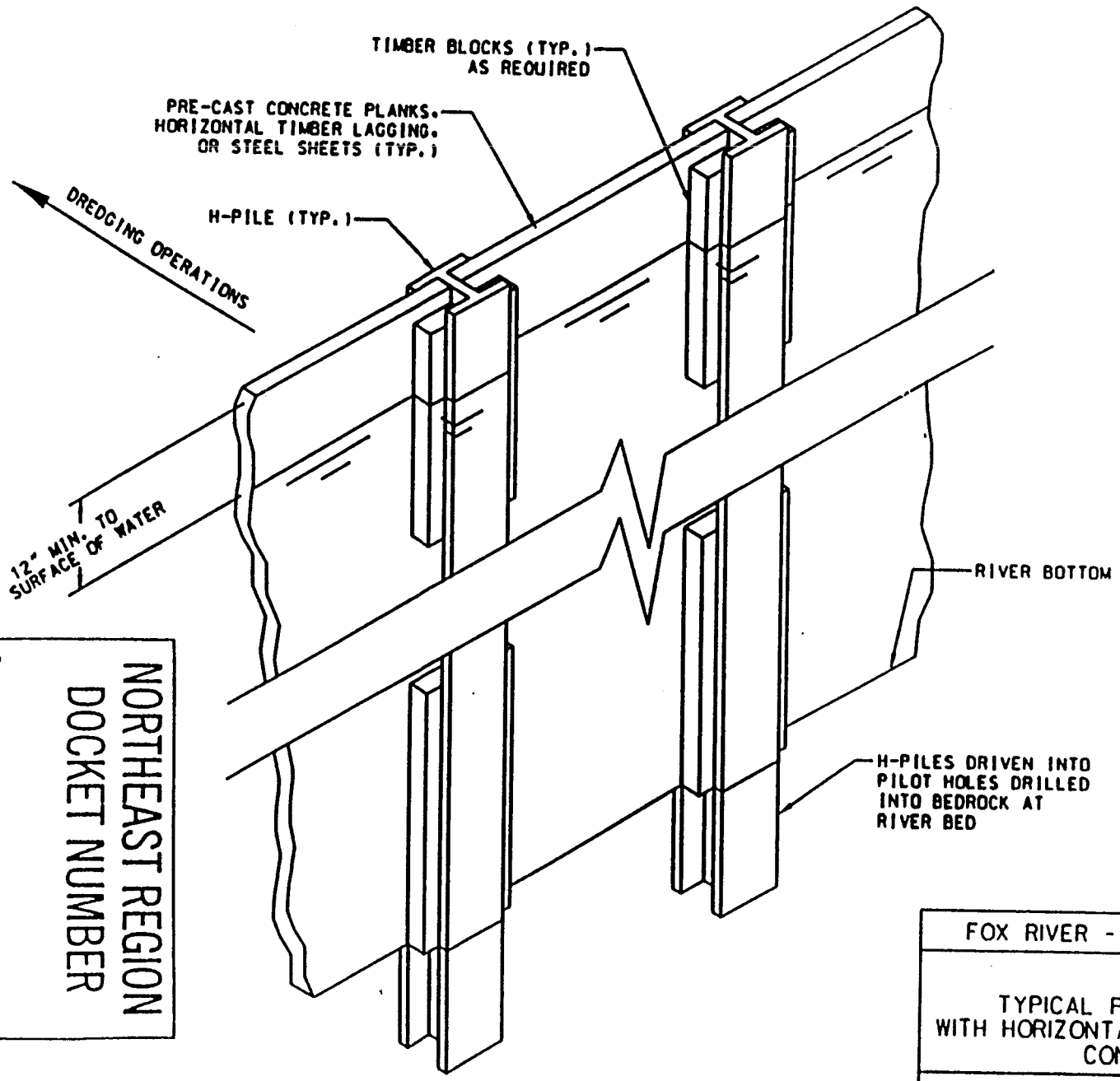
NORTHEAST REGION
DOCKET NUMBER
3-NE- 98 - 0239LF

FOX RIVER - DEPOSIT "N" - KIMBERLY, WI.

FIGURE 9
TYPICAL PERIMETER GEOMEMBRANE TURBIDITY BARRIER CONTAINMENT AND PANEL CONSTRUCTION DETAILS

Scale: NOT TO SCALE	Date: MAY, 1998	
Prepared By: Foth & Van Dyke	By: JRB2	97W027

T:\97w027\97w27f21.dgn



98-05587-GRK
Pg 4 of 6

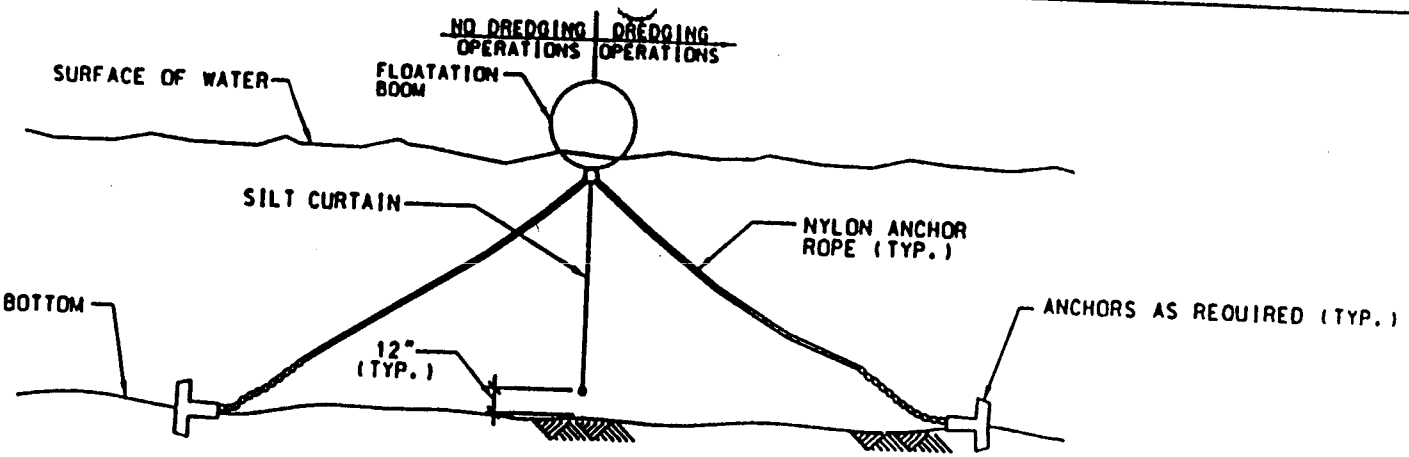
NORTHEAST REGION
DOCKET NUMBER
3-NE- 98 - 0239 LF

FOX RIVER - DEPOSIT "N" - KIMBERLY, WI.

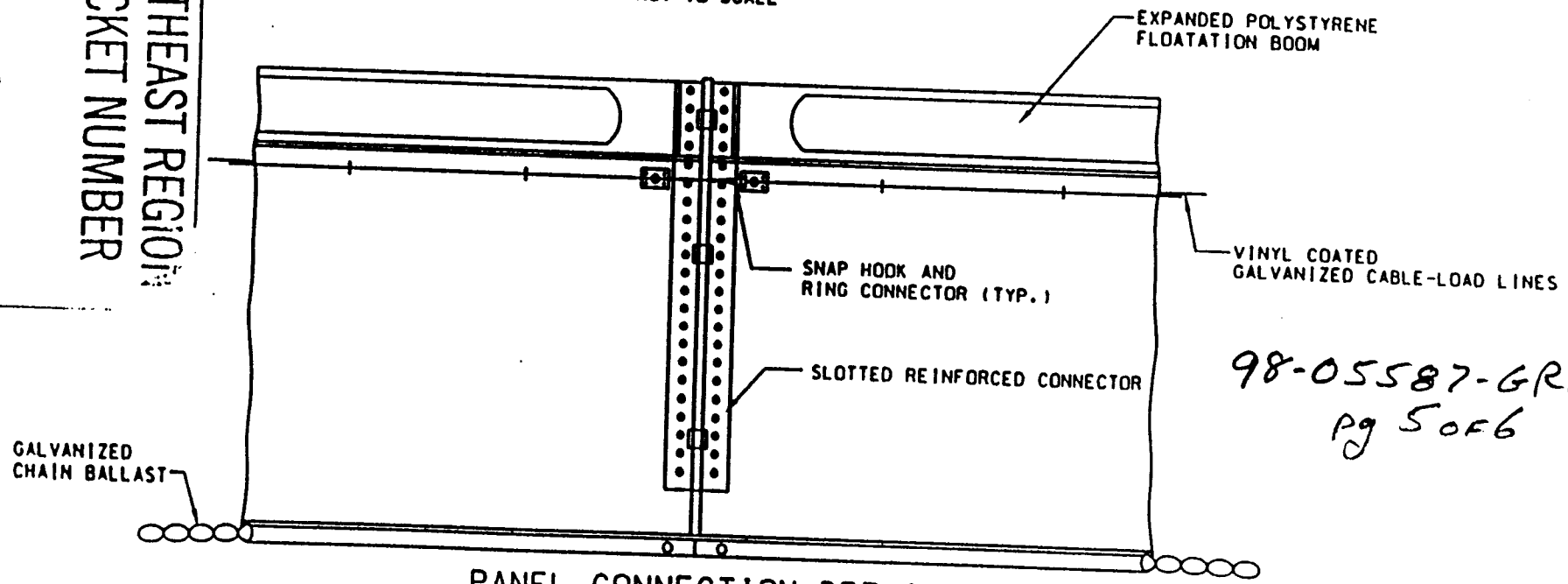
FIGURE 10
TYPICAL PERIMETER SOLDIER BEAMS
WITH HORIZONTAL LAGGING TURBIDITY BARRIER
CONSTRUCTION DETAIL

Scale: NOT TO SCALE	Date: MAY, 1998	
Prepared By: Foth & Van Dyke	By: JRB2	97W027

\97w027\7w27f21.dgn



SILT CURTAIN DETAIL
NOT TO SCALE



PANEL CONNECTION DETAIL
NOT TO SCALE

NORTHEAST REGION
DOCKET NUMBER
3-NE- 98 - 0239LF

98-05587-GRK
pg 5 of 6

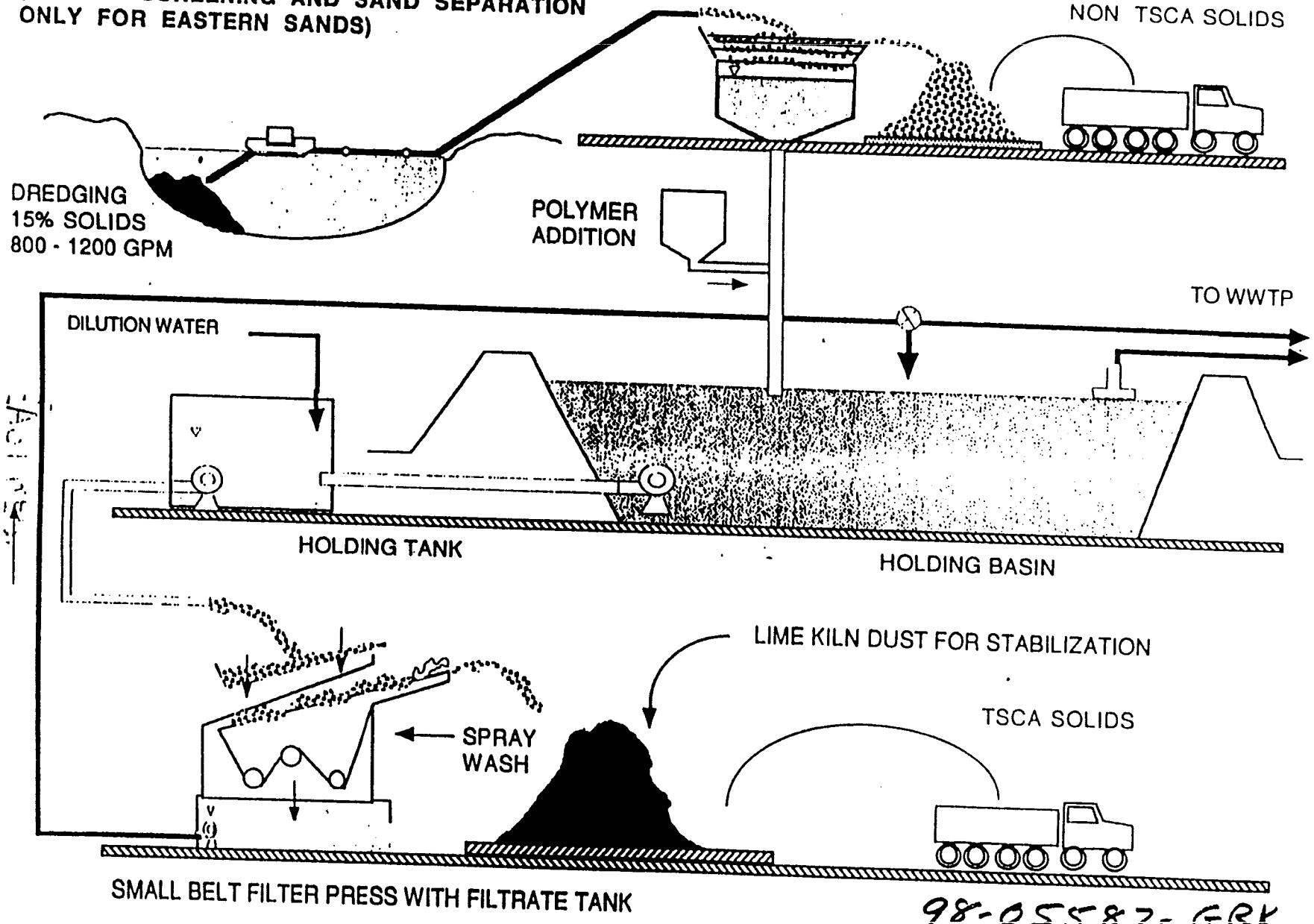
FOX RIVER - DEPOSIT "N" - KIMBERLY, WI.

FIGURE 11
TYPICAL INTERIOR SILT CURTAIN AND PANEL CONSTRUCTION DETAILS

Scale: NOT TO SCALE	Date: MAY, 1998	
Prepared By: Foth & Van Dyke	By: JRB2	97W027

97W027\27121.dgn

DEPOSIT N REMOVAL
PROCESS/FLOW CHART FOR FINES
(COARSE SCREENING AND SAND SEPARATION ONLY FOR EASTERN SANDS)



DOCKET NUMBER
3-NE- 98 - 0239 LF

98-05587-GRK
Pg 6 of 6