7-714.1-LWP	Trempealeau	WI/Trempealeau/Trempealeau	Federal Government
Site Identification	Site Name	State/County/Municipality	Landowner

Background:

This site was selected by GREAT I (Site No. 7.06, Reference GREAT I Vol. 8-Part IV). This site was endorsed by the RRF on 6 March 1984 (Pool 7 Recon. Alt. F). GREAT selected use of 21 acres (all wetland) at this site for permanent placement of material from cuts 2-5 and 7. The endorsed Pool 7 Recon. (Alt. F) recommended the use of 5 acres at this site for cuts 4-7. Acres at this site were reduced because active beneficial use was increased from 216,000 cubic yards to 800,000 cubic yards. Because of increased beneficial use removal with large trucks, increased use of the boat launching facilities, and development of a marina, the entrance road to L/D 6 was widened to improve access.

Site Characteristics:

This site is within a contained area bound by the L/D 6 entrance road, dam dike, and railroad embankment. A circulation culvert is located on the south boundary and connects the site with the river. The 5 acre placement site is previously filled wetland.

Site Dimensions:

Area = 5 acres. The area is 900 feet by 240 feet. Pre-Fill Elevation = 640.0. Maximum Fill Elevation = 655.0. LCP Elevation = 638.5. Estimated Capacity = 99,000 cubic yards.

Beneficial Use:

This is a permanent beneficial use stockpile site. There is a high demand for material in the area. Most removal has been from Trempealeau and LaCrosse County Highway Departments. Beneficial use removal is estimated to be 800,000 cubic yards.

Equipment Requirments/Limitations:

A concrete crossing has been constructed to facilitate the transportation of dredge material across the entrance road. If placement is hydraulic, the pipe must be covered to form a bridge where it crosses the entrance road.

Special Conditions/Restrictions:

Signs must be in place to caution visitors of dredging operations when conditions exist. Need to develop signs to caution visitors of trucks hauling from the stockpile.

Future Plans:

Berming and vegetative plantings will be used around the site to reduce aesthetic impacts and blowing sand. Because of the high public use at this location, an informational kiosk should be constructed to explain using this site to place dredged material.

Permits/Approval Checklists:	Remarks:
☑ Cultural Resources	No action required
☑ Endangered Species	None found at this site
☑ Floodplain Impact Analysis	No further analysis necessary
☑ NEPA	Covered by the GREAT and O&M, EIS
☑ Real Estate	Owned by Federal Government
☑ State	Exhibit A of WDNR's MOU
☑ 404(b)(1) Evaluatoin	404(b)(1) expires 2024; supplement in 1990
Other:	

Potential Dredge Cuts:		Dredge Type	Pipeline Distance			
Name	Mile		Water	Land	Total	Lift
Winters Landing	707.4-709.3	M	30000	300-1000	30300-31000	16-36
Below Queen's Bluff	710.3-710.7	M	19000	300-1000	19300-20000	16-36
Richmond Island	711.4-712.3	M	11600	300-1000	11900-12900	16-36
Lower Appch. L/D 6	714.0-714.3	H,M	300	300-1000	600-1300	16-36

CHANNEL MAINTENANCE MANAGEMENT PLAN

7-714.1-LWP
TREMPEALEAU PLACEMENT SITE

LEGEND
Access Road
Pipeline Access
Pipeline Access
Effluent Control Structures
Fence
First Priority Fill Area

MN State Plane Grid, South Zone, NAD 83
Date of Photography: November 1992

SCALE: 1"=200'

7-713.1-RMP	Hot Fish Shop	MN/Winona/Donehoven	Private
Site Identification	Site Name	State/County/Municipality	Landowner

Background:

This site was selected by GREAT I (Site No. 7.05, Reference GREAT I Vol. 8-Part IV). This site was endorsed by the RRF on 6 March 1984 (Pool 7 Recon. Alt. F). GREAT selected use of 12 acres (all wetland) at this site for permanent placement of material from cut 6. The endorsed Pool 7 Recon. (Alt. F) recommended the use of 2 acres at this site. There are 3 acres of upland available which has been used in the past for dredged material placement. Since the landowner has been making the 3 acres are available for stockpiling, the Corps will plan on using the entire area. Alternative F shows placement of 400,000 cubic yards at this site over the 40-year planning period with beneficial use of the entire amount.

Site Characteristics:

Three acres of previously disturbed upland area from past dredged material placement exists. The site is bordered by the Mississippi River main channel and ponds used for holding fish for commercial use.

Site Dimensions:

Area = 3 acres. The area is 650 feet by 195 feet. Pre-Fill Elevation = 643.0. Maximum Fill Elevation = 663.0. LCP Elevation = 638.5. Estimated Capacity = 60,000 cubic yards.

Beneficial Use:

This is a permanent beneficial use stockpile site. There is a high demand for material in this area. Most removal has been from private construction contractors in Winona, MN. Beneficial use removal is estimated to be 400,000 cubic yards.

Equipment Requirments/Limitations:

Unknown.

Special Conditions/Restrictions:

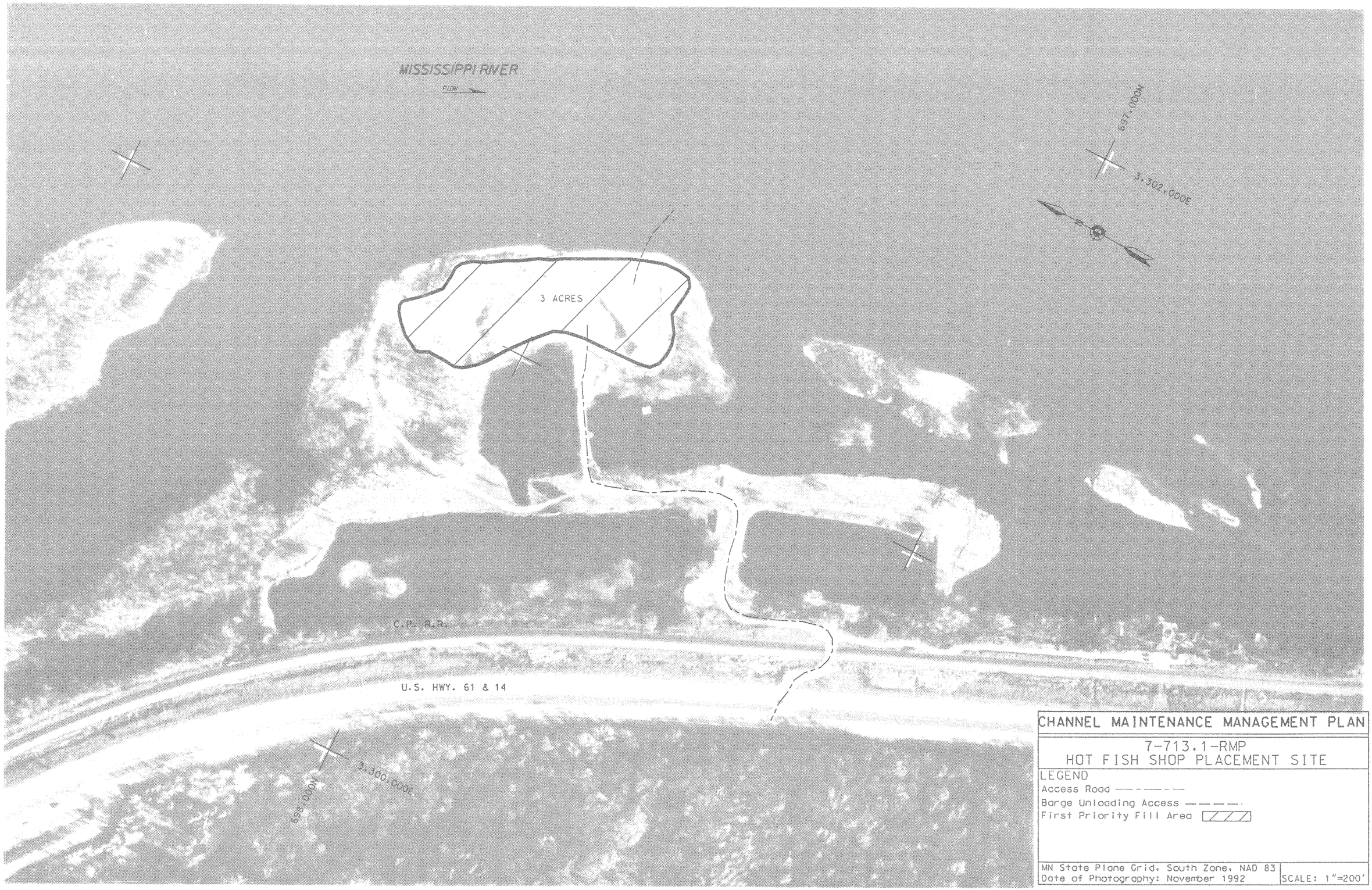
This site is privately owned and any removal must be done with the landowners permission. In the past, the Railroad has required the use of one of their flagmen during removal operations by truck because there are no crossing guards where the access road crosses the tracks.

Future Plans:

Continue to pursue long-term real estate agreement for use of this site.

Permits/Approval Checklists:	Remarks:
☑ Cultural Resources	No action required
☑ Endangered Species	None found at this site
☑ Floodplain Impact Analysis	No further analysis necessary
☑ NEPA	Covered by the GREAT and O&M, EIS
☐ Real Estate	Requires a permit from the landowner
☑ State	General permit with MDNR and MPCA
☑ 404(b)(1) Evaluatoin	None required if no effluent return
Other:	

Potential Dredge Cuts:		Dredge Type	Pipeline Distance			
Name	Mile		Water	Land	Total	Lift
Richmond Island	711.4-712.3	M	6300	20-500	6320-6800	5-25
Winters Landing	707.4-709.3	M	24800	20-500	24820-25200	5-25
Dakota	706.1-706.6	M	35400	20-500	35420-35900	5-25
Head of Dresbach	704.0-705.3	M	44400	20-500	44420-44900	5-25



CHANNEL MAINTENANCE MANAGEMENT PLAN

7-713.1-RMP
HOT FISH SHOP PLACEMENT SITE

LEGEND
Access Road
Barge Unloading Access
First Priority Fill Area

MN State Plane Grid, South Zone, NAD 83
Date of Photography: November 1992

SCALE: 1"=200'

7-708.7-LWE	Winters Landing	WI/LaCrosse/Onalaska	Federal Government
Site Identification	Site Name	State/County/Municipality	Landowner

Background:

This site was selected by GREAT I (Site No. 7.11T, Reference GREAT I Vol. 8-Part IV). There was no RRF endorsement prior to the CMMP. GREAT selected use of 1.5 acres at this site for temporary placement of material from cut 4. The RRF endorsed the Pool 7 Recon. (Alt. F) on 6 March 1984 which identified this site as temporary, but did not identify acres impacted. This site will be used as an emergency site. Development of containment dikes at this site will be coordinated with the OSIT. The Winters Landing Channel Realignment Project constructed in 1988-89 may reduce the need for this site. However, advanced preparation would reduce impacts to the environment in the event of an emergency.

Site Characteristics:

This 100% upland site is within the floodplain and within the floodway. It is an old dredged material placement site. Sand covered areas with very little vegetation. A dike may be constructed following OSIT review to protect the backwater.

Site Dimensions:

Area = 2 acres. The area is 380 feet by 175 feet. GREAT pile height of 15' changed to 25' to reach capacity. Pre-fill Elevation = 644.0. Maximum Fill Elevation = 669.0. LCP Elevation =638.5. Estimated Capacity = 40,000 cubic yards.

Beneficial Use:

In the past material has been placed at this site for recreational beach enhancement.

Equipment Requirments/Limitations:

Dredged material placement will be by mechanical, or hydraulic methods.

Special Conditions/Restrictions:

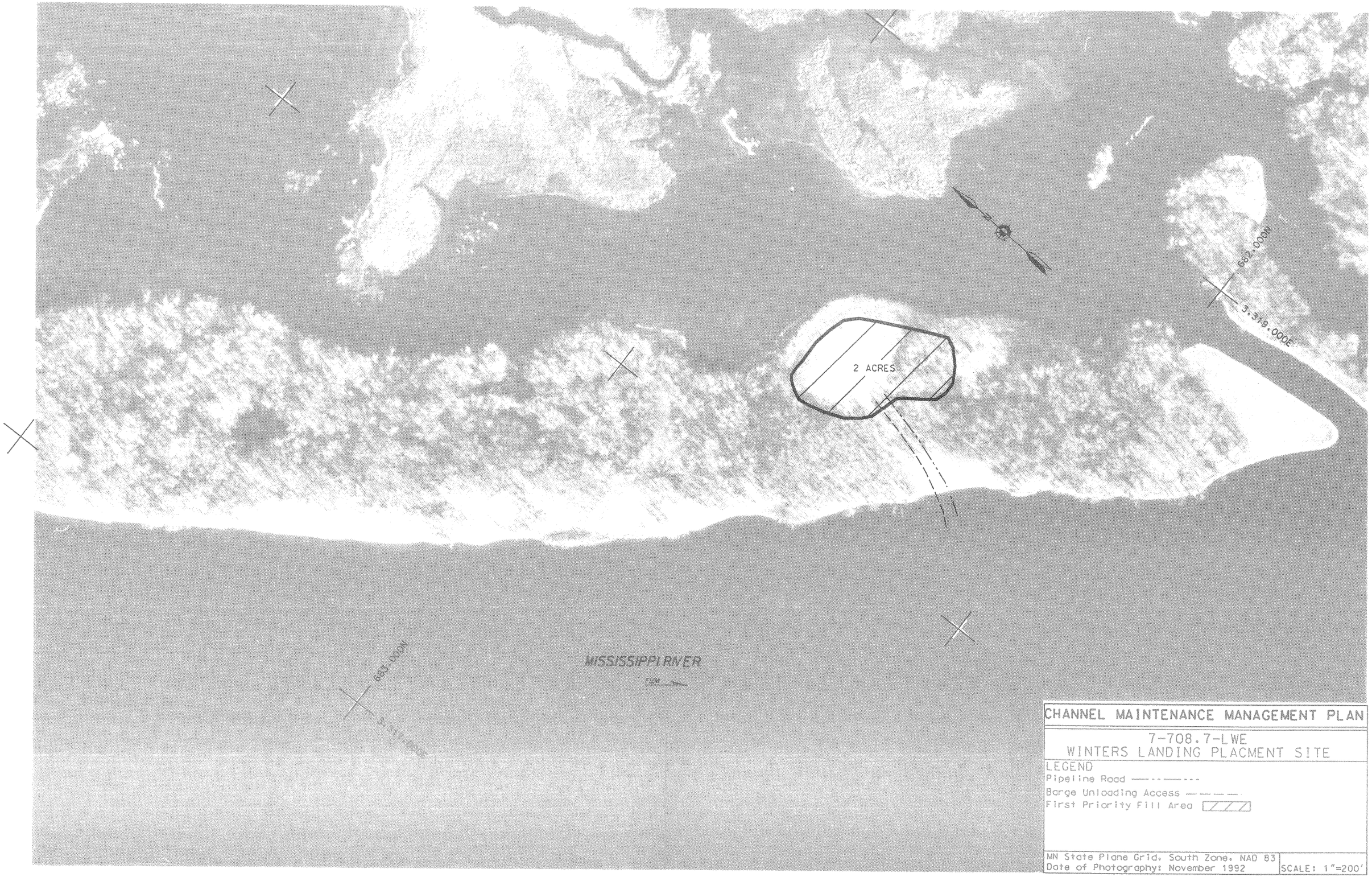
Material must be protected against erosion and will be removed and transferred to a permanent site by the following spring high water or as soon as possible under time and/or equipment limitations but not to exceed two years from the time of emergency placement and before the placement of any additional material, unless another mutually agreeable plan of action is reached with the appropriate regulatory agencies. Care should be taken to avoid disturbing the oak trees planted around the back of the site.

Future Plans:

Evaluate the Winter's Landing Channel Relocation to determine its effectiveness. Investigate site with the OSIT and develop a plan for constructing a containment dike in advance of this site being used.

Permits/Approval Checklists:	Remarks:
☑ Cultural Resources	No action required
☑ Endangered Species	None found at this site
☑ Floodplain Impact Analysis	Impacts will be analyzed
☑ NEPA	Covered by the GREAT and O&M, EIS
☑ Real Estate	Owned by federal government
☑ State	Exhibit A of WDNR's MOU
☐ 404(b)(1) Evaluatoin	Long-term 404(b)(1) proposed
Other:	

Potential Dredge Cuts:		Dredge Type	Pipeline Distance			
Name	Mile		Water	Land	Total	Lift
Winter's Landing	707.4-709.3	H,M	3000	50-450	3050-3450	5-15



CHANNEL MAINTENANCE MANAGEMENT PLAN

7-708.7-LWE
WINTERS LANDING PLACMENT SITE

LEGEND
Pipeline Road
Barge Unloading Access
First Priority Fill Area

MN State Plane Grid, South Zone, NAD 83
Date of Photography: November 1992

SCALE: 1"=200'

7-707.3-RMP	Dakota Boat Ramp	MN/Winona/Dakota	MN Dept. of Nat'l. Res.
Site Identification	Site Name	State/County/Municipality	Landowner

Background:

This site was not selected by GREAT I (Site No. 7.25A). This site was endorsed by the RRF on 6 March 1984 (Pool 7 Recon. Alt. F). GREAT selected the use of 21 acres at the Trempealeau site (7-714.1-LWP) for permanent placement of material from cut 3. The endorsed Pool 7 Recon. (Alt. F) recommended the use of 5 acres at this site for permanent placement of 156,100 cubic yards from cut 3 (remaining 217,900 cubic yards from cut 3 going to the L/D 7 site (7-702.5-RMP)). Endorsement came with a condition that the report indicate potential for a boat ramp and active beneficial use from this site. On 23 June 1986, the RRF endorsed a Corps proposal to excavate 150,000 cubic yards from the Dakota Island site (7-706.5-RMT) to this site for development of a boat ramp and stockpile site. The Dakota Island site (7-706.5-RMT) would then be used for placement of material from routine channel maintenance. All material from Lower Pool 7 will be placed at this site because the L/D 7 site (7-702.5-RMP) is not implementable.

Site Characteristics:

This is a heavily wooded area in the floodplain of Dakota Creek. It is located in Dakota, MN between the frontage road and US Hwy. 14 & 61. The other boundaries are the Dakota Creek and a private residence.

Site Dimensions:

Area = 5 acres. The area is 490 feet by 450 feet. Two acres will be filled to elevation 645.0 for a parking lot. Pre-Fill Elevation = 643.0. Maximum Fill Elevation = 665.0. LCP Elevation = 638.5. Estimated Capacity = 90,000 cubic yards.

Beneficial Use:

This site will be developed as a boat ramp and a beneficial use stockpile site. The beneficial uses would be for landfill to develop the area and also for continued beneficial use removal.

Equipment Requirments/Limitations:

Access to the site with dredging equipment limits the methods to hydraulic placement only. A pipeline would access the site through the existing Railroad and county bridges.

Special Conditions/Restrictions:

This site will be used to relocate material from the Dakota Island placement site (7-706.5-RMT).

Future Plans:

Most of the trees will have to be removed for site preparation. A landscaping plan including screening has been developed. Implementation will begin with construction of the boat ramp and parking, diking, and preparation of the stockpile area.

Permits/Approval Checklists:	Remarks:
☑ Cultural Resources	No actoin required
☑ Endangered Species	None found at this site
☑ Floodplain Impact Analysis	No further analysis necessary
☑ NEPA	Covered by O&M, EIS
☐ Real Estate	Long-term agreement with MDNR proposed
☑ State	General permit with MDNR and MPCA
☐ 404(b)(1) Evaluatoin	Long-term 404(b)(1)
Other:	

Potential Dredge Cuts:		Dredge Type	Pipeline Distance			
Name	Mile		Water	Land	Total	Lift
Dakota	706.1-706.6	H	4000	25-800	4025-4800	4-33
Dakota Island site	7-706.5-RMT	H	4000	25-500	4025-4800	4-33

MISSISSIPPI RIVER
FLOW
673,000N
3,321,000E
C.P. R.R
C.S.A.H. 12
5 ACRES
DAKOTA CREEK
U.S. HWY 61 & 14
674,000N
3,319,000E
INTERSTATE HWY 1-90
CHANNEL MAINTENANCE MANAGEMENT PLAN
7-707.3-RMP
DAKOTA BOAT RAMP
LEGEND
Access Road
Pipeline Access
Effluent Control Structures
Fence
First Priority Fill Area
MN State Plane Grid, South Zone, NAD 83
Date of Photography: November 1992
SCALE: 1"=200'

7-706.5-RMT	Dakota Island	MN/Winona/Dakota	Federal Government
Site Identification	Site Name	State/County/Municipality	Landowner

Background:

This site was selected by GREAT I (Site No. 7.12T, Reference GREAT I Vol. 8-Part IV). This site was endorsed by the RRF on 23 June 1986 (proposed by Corps). GREAT selected use of 6.4 acres at this site for temporary placement of material from cut 3. The RRF endorsed the Pool 7 Recon. (Alt. F) on 6 March 1984 which identified this site as temporary but, did not identify acres impacted. On 23 June 1986, the RRF endorsed a Corps proposal to excavate 150,000 cubic yards from this site to the Dakota Boat Ramp site (7-707.3-RMP) for development of a boat ramp and stockpile site. This site would then be used for placement of material from routine channel maintenance. A containment dike covering 8 acres was constructed in 1979 to accommodate hydraulic placement.

Site Characteristics:

This is a transfer site. The island itself was created with dredged material. It is 100% upland and within both the floodplain and the floodway.

Site Dimensions:

Area = 8 acres. The area is 1000 feet by 350 feet. Pre-Fill Elevation = 640.0. Maximum Fill Elevation = 655.0. LCP Elevation = 638.5. Estimated Capacity = 160,000 cubic yards.

Beneficial Use:

Placement of material on the island has created recreational beaches for boaters. If the Dakota Boat Ramp site (7-707.3-RMP) is developed, material will be excavated from this site and used beneficially for stockpile replenishment and boat ramp and parking lot development.

Equipment Requirments/Limitations:

Unknown.

Special Conditions/Restrictions:

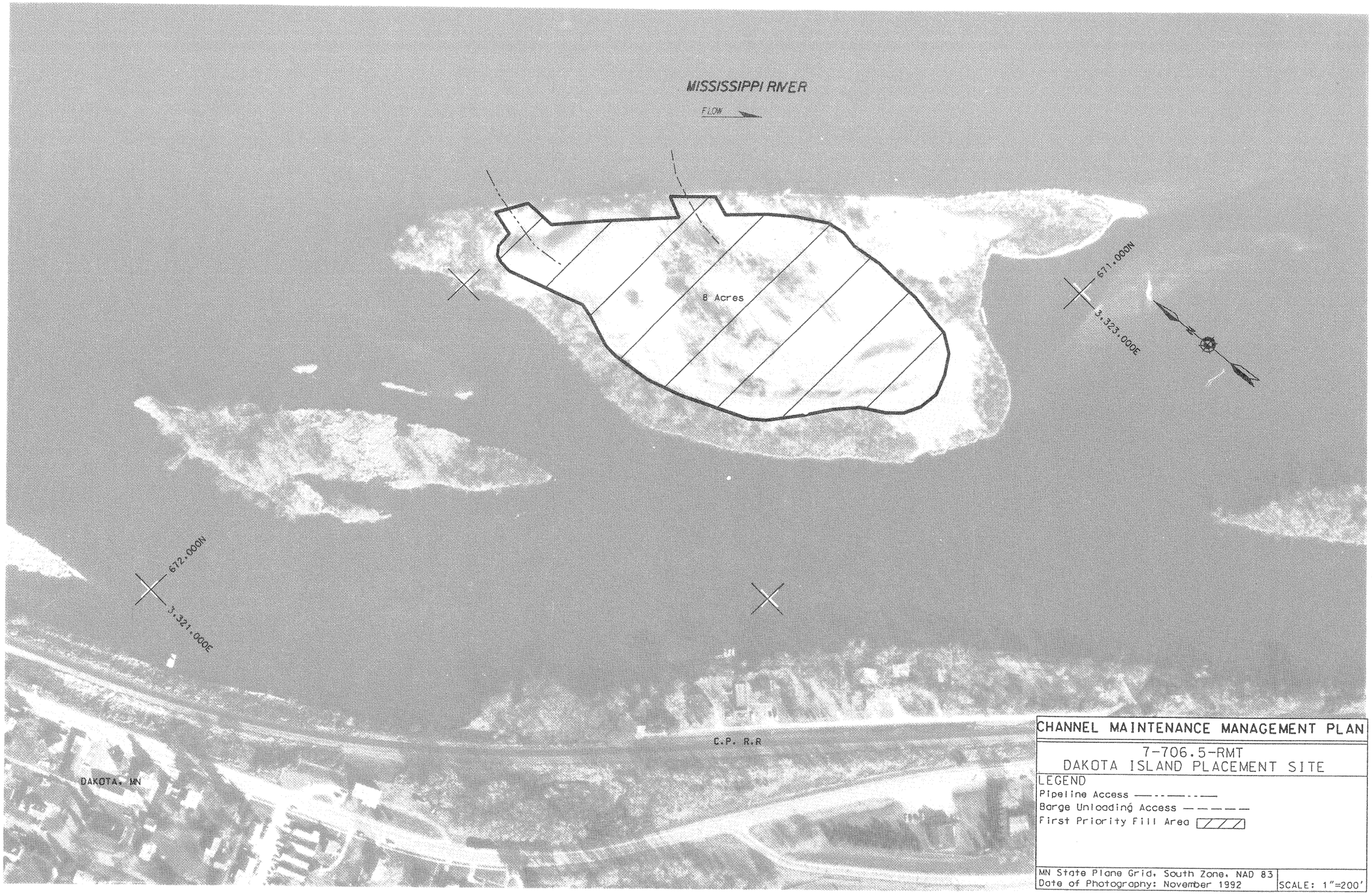
Material must be protected against erosion and will be removed when it is economical or when capacity has been reached. It will be transferred to the permanent Dakota Boat Ramp site (7-707.3-RMP).

Future Plans:

Excavate the site for development of the Dakota Boat Ramp site and continue to use it for routine and emergency placement. Use as a transfer site and excavate material to replenish the Dakota Boat Ramp site as necessary.

Permits/Approval Checklists:	Remarks:
☑ Cultural Resources	No action required
☑ Endangered Species	None found at this site
☑ Floodplain Impact Analysis	No further analysis necessary
☑ NEPA	Covered by the GREAT and O&M, EIS
☑ Real Estate	Owned by federal government
☑ State	General permit with MDNR and MPCA
☐ 404(b)(1) Evaluatoin	Long-term 404(b)(1) proposed
Other:	

Potential Dredge Cuts:		Dredge Type	Pipeline Distance			
Name	Mile		Water	Land	Total	Lift
Dakota	706.1-706.6	H,M	500	10-300	210-800	5-16



CHANNEL MAINTENANCE MANAGEMENT PLAN

7-706.5-RMT
DAKOTA ISLAND PLACEMENT SITE

LEGEND
Pipeline Access
Barge Unloading Access
First Priority Fill Area

MN State Plane Grid, South Zone, NAD 83
Date of Photography: November 1992

SCALE: 1"=200'