10-647.1-LWP	Varo Property	WI/Crawford/Lynxville	Private & WDNR
Site Identification	Site Name	State/County/Municipality	Landowner

Background:

This site was selected by GREAT I (Site No. 10.17, Reference GREAT I Vol. 8-Part V). This site was endorsed (see SPECIAL CONDITIONS/RESTRICTIONS section) by the RRF on 30 September 1985 (Pool 10 Recon. Alt. D*). GREAT selected use of 3.5 acres at this site for permanent placement of material from cut 10. The endorsed Pool 10 Recon. (Alt. D*) recommended the use of 4 acres for placement of 272,500 cubic yards from cut 9. The entire amount would be removed from this site for beneficial use. Dredging in cut 9 has not been required since the site was endorsed and it has not been developed.

Site Characteristics:

This is a low lying wooded area within the floodplain. There are 2 acres of bottomland forest and 2 acres of disturbed terrestrial habitat. Adjacent land use includes, highway, residential, railroad, boat ramp, and navigation channel.

Site Dimensions:

Area = 4 acres. The area is 500 feet by 350 feet. Pre-Fill Elevation = 621.0. Maximum Fill Elevation = 631.0. LCP Elevation = 611.0. Estimated Capacity = 56,000 cubic yards.

Beneficial Use:

GREAT projected a total active beneficial use demand of 362,000 cubic yards from cuts 2, 3, and 7-9. This was later revised (1982 marketing study) to 1,085,500 cubic yards. All material from cut 9 placed at this site (projected 272,500) will be removed for beneficial use.

Equipment Requirments/Limitations:

Material will be placed using direct hydraulic dredging methods. Mechanical placement may also be used.

Special Conditions/Restrictions:

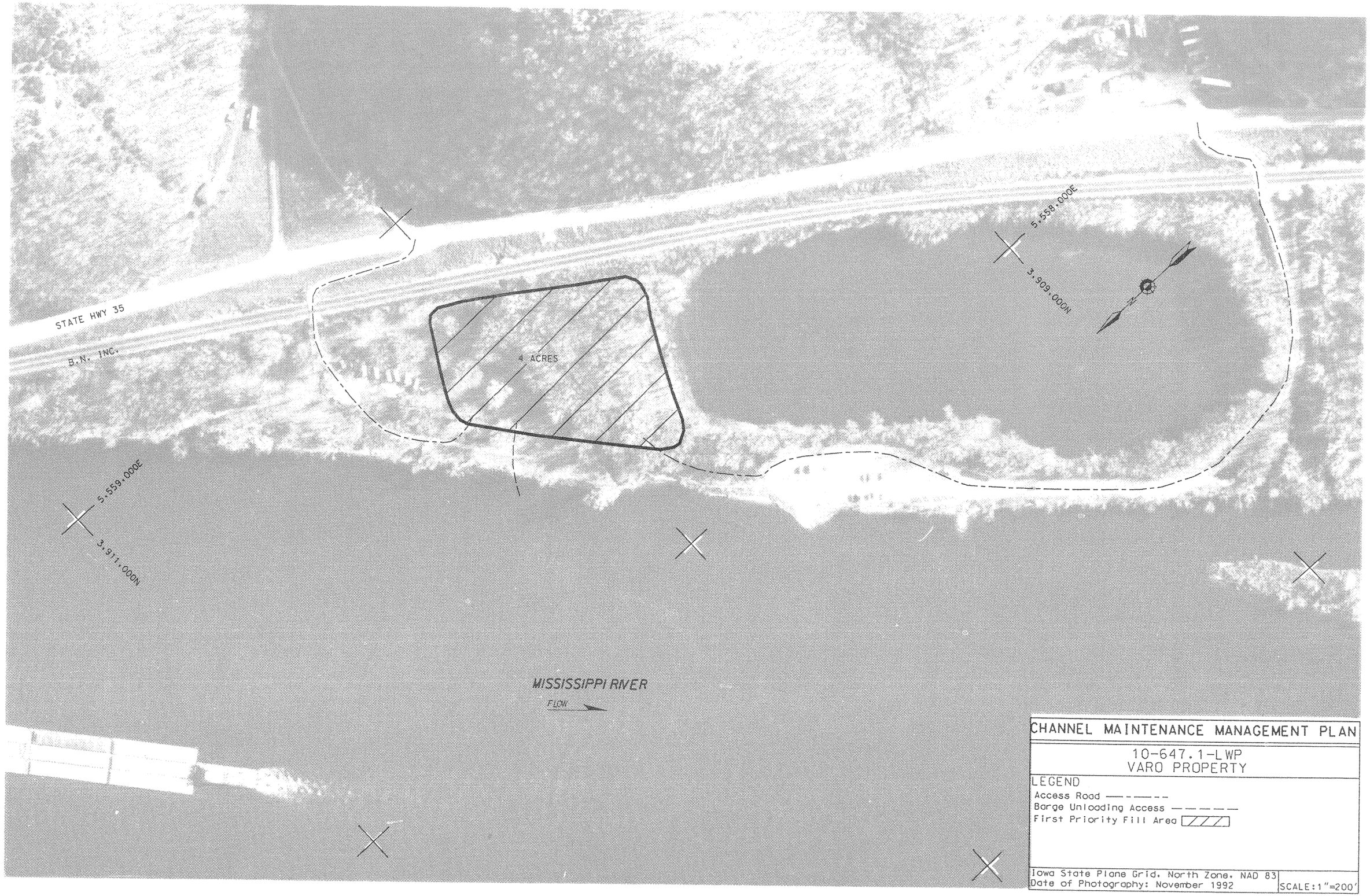
The RRF endorsed this site with the condition that cost for site protection is too low and should be revised.

Future Plans:

Construct a containment dike around the site and riprap or establish vegetation on the outside slope where necessary to protect against erosion.

Permits/Approval Checklists:	Remarks:
☐ Cultural Resources	Cutural resources survey required
☑ Endangered Species	No impacts on endangered/threatened
☑ Floodplain Impact Analysis	No further analysis necessary
☑ NEPA	Covered by the GREAT and O&M, EIS
☐ Real Estate	Requires permit from the landowner
☑ 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
Hay Point	646.0-646.6	H,M	4200	80-500	4280-4700	10-20



CHANNEL MAINTENANCE MANAGEMENT PLAN

10-647.1-LWP
VARO PROPERTY

LEGEND
Access Road
Barge Unloading Access
First Priority Fill Area

Iowa State Plane Grid, North Zone, NAD 83
Date of Photography: November 1992

SCALE: 1"=200'

10-644.5-RIE	Jackson Island	IA/Allamakee/Harpers Ferry	Federal Government
Site Identification	Site Name	State/County/Municipality	Landowner

Background:

This site was selected by GREAT I (Site No. 10.22T, Reference GREAT I Vol. 8-Part V). There was no RRF endorsement prior to the CMMP. GREAT selected use of 3 acres at this site for temporary placement of material from cut 8. The RRF endorsed the Pool 10 Recon. (Alt. D*) on 30 September 1985 which identified this site as temporary but did not identify acres impacted. This site was last used in 1975 for dredged material placement. In 1984, fine material was spread on top of this site and it was seeded as part of a revegetation study. The site has revegetated and the seeded species is very well established.

Site Characteristics:

This site is on an island, adjacent to the main channel. It is 100% upland but is within the floodplain and the floodway. It is a revegetated historic placement site.

Site Dimensions:

Area = 3 acres. The area is 500 feet by 265 feet. Pre-Fill Elevation = 620.0. Maximum Fill Elevation = 630.0. LCP Elevation = 611.0. Estimated Capacity = 40,000 cubic yards.

Beneficial Use:

Since this is an island site, there will be no direct beneficial use of material expected at the site. When material is removed from the site it may have beneficial uses.

Equipment Requirments/Limitations:

Material will be placed using direct hydraulic or direct mechanical dredging methods.

Special Conditions/Restrictions:

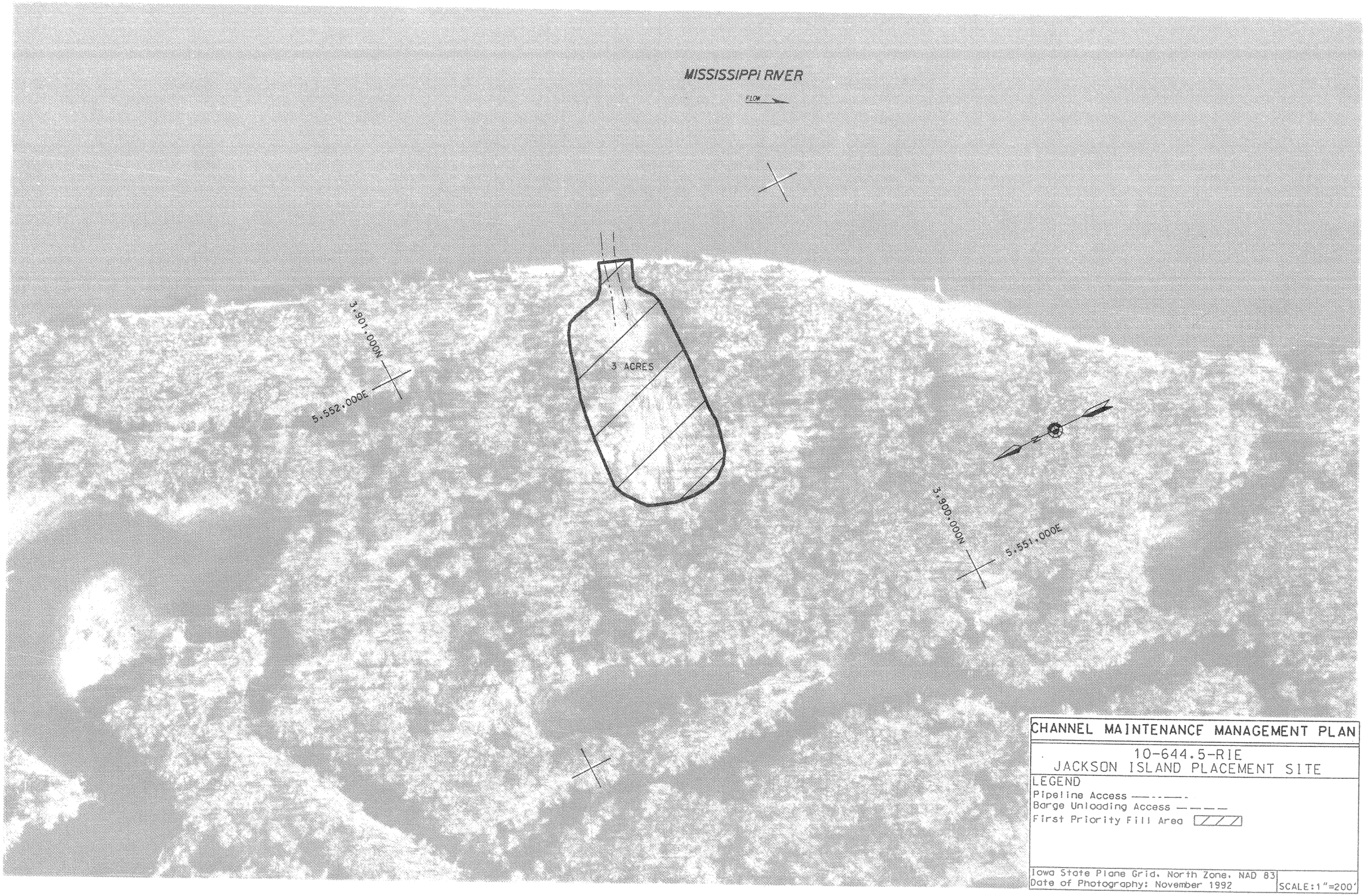
Maintain containment dike when this site is used and avoid disturbing the areas beyond the dike. Material must be protected against erosion and will be removed and transferred to a permanent site by the following spring high water or as soon as possible under time and/or equipment limitations but not 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.

Future Plans:

At this time, there are no plans to use this site except for emergency purposes.

Permits/Approval Checklists:	Remarks:
☑ Cultural Resources	No action requried
☑ 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	404(t) requried if effluent
☐ 404(b)(1) Evaluatoin	Long-term 404(b)(1) proposed
Other:	

Potential Dredge Cuts:		Dredge Type	Pipeline Distance			
Name	Mile		Water	Land	Total	Lift
Jackson Island	643.7-644.7	H	200	50-400	250-600	9-19



CHANNEL MAINTENANCE MANAGEMENT PLAN

10-644.5-RIE
JACKSON ISLAND PLACEMENT SITE

LEGEND
Pipeline Access
Barge Unloading Access
First Priority Fill Area

Iowa State Plane Grid, North Zone, NAD 83
Date of Photography: November 1992

SCALE: 1"=200'

10-643.5-LWI	Jackson Rehandle	WI/Crawford/Prairie Du Chien	N/A
Site Identification	Site Name	State/County/Municipality	Landowner

Background:

This site was not selected by GREAT I. This site was endorsed by the RRF on 30 September 1985 (Pool 10 Recon. Alt. D*). The endorsed plan calls for hydraulic dredging of cut 8 with placement at this rehandling site before it is hydraulically dredged again and placed at the permanent Mississippi Gardens site (10-642.4-LWP).

Site Characteristics:

This site is an in-water rehandling site. A hydrographic and environmental survey will be completed prior to selecting an acceptable area. Ideally, the selected area would have a sand bottom to minimize changes in substrate type, water depths would be less than 10 to 12 feet, there would not be any high value fishery habitat in the area such as wing dams, submerged riprap, and deep holes, and it would be located to minimize the erosive force of current as much as possible.

Site Dimensions:

Area = 3 acres (approximately). The actual size of the in-water rehandling site will depend on the size of the job from cut 8, river conditions, and depth of the water at the site. Exact area will be determined after coordination with the OSIT.

Beneficial Use:

There would be no beneficial use associated with this site. Material would be removed to a permanent stockpile site.

Equipment Requirments/Limitations:

Given the location of cut 8 and currently available floating pipeline, the site would have to be located between Mile 643.8 and 643.2.

Special Conditions/Restrictions:

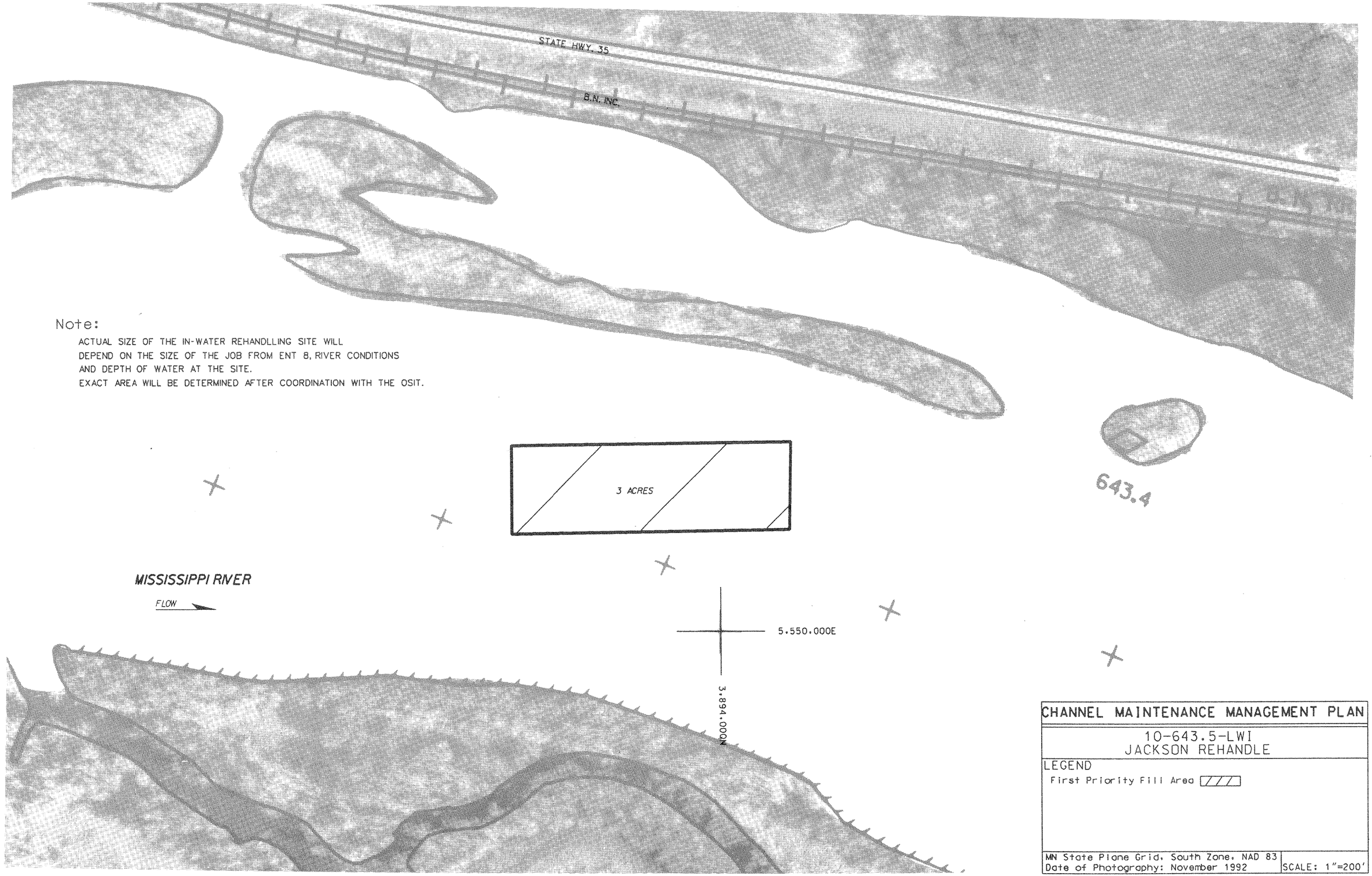
Unknown

Future Plans:

Given the desired site characteristics and the equipment limitations, it appears that Mile 643.5 in the left main channel border would be the most suitable location. If use of this site is necessary, the area will be inspected by the OSIT prior to use.

Permits/Approval Checklists:	Remarks:
☑ Cultural Resources	No action required
☐ Endangered Species	Mussel survey requried
☑ Floodplain Impact Analysis	No action required
☐ NEPA	
☑ Real Estate	N/A
☐ State	Requires amending 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
Jackson Island	643.7-644.7	H	3700	0	3700	0



Note:

ACTUAL SIZE OF THE IN-WATER REHANDLLING SITE WILL
DEPEND ON THE SIZE OF THE JOB FROM ENT 8, RIVER CONDITIONS
AND DEPTH OF WATER AT THE SITE.
EXACT AREA WILL BE DETERMINED AFTER COORDINATION WITH THE OSIT.

CHANNEL MAINTENANCE MANAGEMENT PLAN	
10-643.5-LWI JACKSON REHANDLE	
LEGEND First Priority Fill Area	
MN State Plane Grid, South Zone, NAD 83 Date of Photography: November 1992	SCALE: 1"=200'

10-642.4-LWP	Mississippi Gardens	WI/Crawford/Prairie Du Chien	Private
Site Identification	Site Name	State/County/Municipality	Landowner

Background:

This site was selected by GREAT I (Site No. 10.40, Reference GREAT I Vol. 8-Part V). This site was endorsed (see SPECIAL CONDITIONS/RESTRICTIONS section) by the RRF on 30 September 1985 (Pool 10 Recon. Alt. D*). GREAT selected use of 25.8 acres (upland) at this site for permanent placement of material from cuts 7-10. The endorsed Pool 10 Recon. (Alt. D*) recommended the use of 4 acres for placement of 640,000 cubic yards from cuts 7-8. The entire amount would be removed from this site for beneficial use. The endorsed plan calls for hydraulic dredging of both cuts with cut 7 placed directly and cut 8 requiring in-water rehandling. Rehandling will be between Miles 643.2 and 643.8 using criteria set forth in the 1985 Pool 10 Recon. (page B-6). Placement site 10-643.5-LWI (Jackson Rehandle) is designated as the rehandling site but the exact location could change following OSIT review. A permanent rehandling site approximately 1 acre in size has been identified for mechanical rehandling if necessary. Mechanical dredging of cut 8 with mechanical rehandling will be considered and would be preferred by the resource agencies.

Site Characteristics:

This site is part of an agricultural field. It is in the floodplain but out of the floodway. It is 100% upland. Surrounding land use is railroad, State Highway, and floodplain forest. Use of the mechanical rehandling site will result in the disturbance of 1 acre of riparian habitat.

Site Dimensions:

Area = 4 acres - The stockpile area is 4 acres (550'X320'). The mechanical rehandling area is approximately 1 acre (320'X100'). Pre-Fill Elevation = 626.0 Fill Elevation = 651.0 LCP Elevation = 611.0. Estimated Capacity = 110,000 cubic yards.

Beneficial Use:

A beneficial use stockpile will be developed and removal of all material placed at this site is projected.

Equipment Requirments/Limitations:

The Mississippi Gardens cut would be placed by direct hydraulic pumping. The Jackson Island cut would require hydraulic double pumping. A permanent rehandling site has been identified for mechanical rehandling if necessary.

Special Conditions/Restrictions:

The RRF endorsed this site with the condition to add a sentence on page B-6 of the 1985 Pool 10 Recon. referencing a mussel survey.

Future Plans:

The Corps will pursue a long-term agreement or acquisition of this site and construct a containment dike. The Recon. recommended directing effluent overland into the adjacent bottomland forest and willow habitats due to the distance of the site from the river. The Corps will evaluate directing effluent via pipeline back to the river.

Permits/Approval Checklists:	Remarks:
☐ Cultural Resources	Survey requried for more information
☑ Endangered Species	None found at this site
☑ Floodplain Impact Analysis	No further analysis necessary
☑ NEPA	Covered by O&M, EIS
☐ Real Estate	Requires acquisiton or extended lease
☑ 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
Mississippi Gardens	642.7-643.4	H	3000	1800-2200	4800-5200	14-40
Jackson Island	643.7-644.7	H	10600	1800-2200	12400-12800	14-40

4 ACRES
MECHANICAL REHANDLING SITE
3,388,000N
5,550,000E
3,389,000N
5,548,000E
MISSISSIPPI RIVER
FLOW
CHANNEL MAINTENANCE MANAGEMENT PLAN
10-642.4-LWP
MISSISSIPPI GARDENS PLACEMENT SITE
LEGEND
Access Road
Pipeline Access
Barge Unloading Access
Transport Material By Truck
First Priority Fill Area
Iowa State Plane Grid, North Zone, NAD 83
Date of Photography: November 1992
SCALE:1"=200'

10-635.0-LWP	Prairie Municipal Dock	WI/Crawford/Prairie du Chien	City of Prairie du Chien
Site Identification	Site Name	State/County/Municipality	Landowner

Background:

This site was not selected by GREAT I (Site No. 10.43). This site was endorsed by the RRF on 27 April 1982 (Proposed by Wisconsin DNR). Due to low volume and frequency, limited barge traffic, and presence of endangered species, dredging in the East Channel (cut 6) was not evaluated in GREAT or in the Recon. Report for Pool 10. The RRF endorsed this site with the following conditions: 1) conduct an archeological investigation; 2) no placement until all necessary permits are obtained; 3) remove any material placed at this site before the next spring high water.

Site Characteristics:

This area has been previously disturbed by placement of material from dredging in the East Channel (cut 6). Most material was removed but the remainder has been spread out with an average height of 6 feet. The site has not revegetated well. It is bordered by the Highway 18 Bridge embankment, the city dock, bottomland forest habitat, and a park.

Site Dimensions:

Area = 5 acres. Based on description in the minutes of the 27 April 1982 RRF meeting. Pre-Fill Elevation = 623.0. Maximum Fill Elevation = 628.0. LCP Elevation = 611.0. Estimated Capacity = 30,000 cubic yards.

Beneficial Use:

Access to the site is good and beneficial use of all the material is expected. The city of Prairie du Chien would be the primary user with removal also expected from local contractors.

Equipment Requirments/Limitations:

Unknown.

Special Conditions/Restrictions:

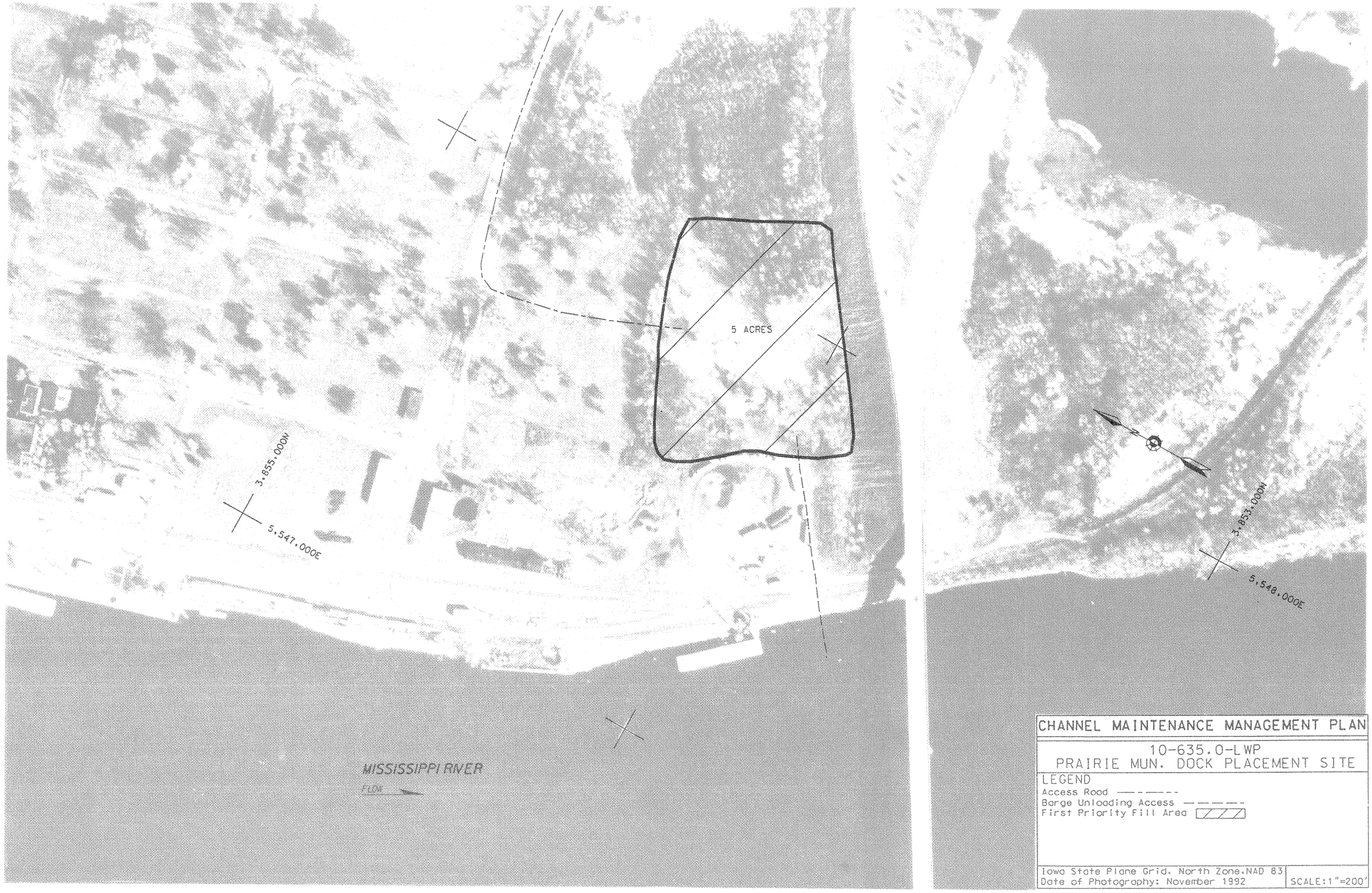
Unknown.

Future Plans:

Dredging in the East Channel (cut 6) and development of this site is not anticipated, but if required in the future, site boundaries and details for use will be established though the OSIT process.

Permits/Approval Checklists:	Remarks:
☐ Cultural Resources	Survey may be required
☑ Endangered Species	None found at this site
☐ Floodplain Impact Analysis	
☑ NEPA	East Channel EIS
☐ Real Estate	Permit required from the landowner
☑ State	Exhibit A of WDNR's MOU
☑ 404(b)(1) Evaluatoin	None required if there is no effluent return
Other:	

Potential Dredge Cuts:		Dredge Type	Pipeline Distance			
Name	Mile		Water	Land	Total	Lift
East Channel	633.0-636.5	M	8000	400-800	8400-8800	12-17
Prairie Comm. Harbor	634.7	M	100	400-800	500-900	12-17



CHANNEL MAINTENANCE MANAGEMENT PLAN

10-635.0-LWP
PRAIRIE MUN. DOCK PLACEMENT SITE

LEGEND
Access Road
Barge Unloading Access
First Priority Fill Area

Iowa State Plane Grid, North Zone, NAD 83
Date of Photography: November 1992

SCALE: 1"=200'

10-628.0-LWP	Wyalusing Pit	WI/Grant/Wyalusing	State of WI & B.N. R.R.
Site Identification	Site Name	State/County/Municipality	Landowner

Background:

This site was selected by GREAT I (Site No. 10.01, Reference GREAT I Vol. 8-Part V). This site was endorsed by the RRF on 30 September 1985 (Pool 10 Recon. Alt. D*). GREAT selected use of 8.2 acres at this site for permanent placement of material from cuts 3-4. The endorsed Pool 10 Recon. (Alt. D*) recommended use of 6 acres for placement of 123,000 cubic yards from cut 3. The entire amount would be removed for beneficial use. An attempt would be made to obtain a long-term agreement or acquisition of the site. It would be operated as a beneficial use stockpile site.

Site Characteristics:

This site is an inactive limestone quarry located just upstream from Wyalusing, WI. It is sparsely vegetated and has received dredged material in the past.

Site Dimensions:

Area = 6 acres. Pre-Fill Elevation = 625.0. Maximum Fill Elevation = 645.0. LCP Elevation = 611.0. Estimated Capacity = 123,000 cubic yards.

Beneficial Use:

The site would be developed as a beneficial use site. Although this site has capacity to permanently accommodate material, it is estimated that all material placed here will be removed for beneficial use.

Equipment Requirments/Limitations:

Lack of adequate drainage requires the installation of pumps for dewatering during dredging.

Special Conditions/Restrictions:

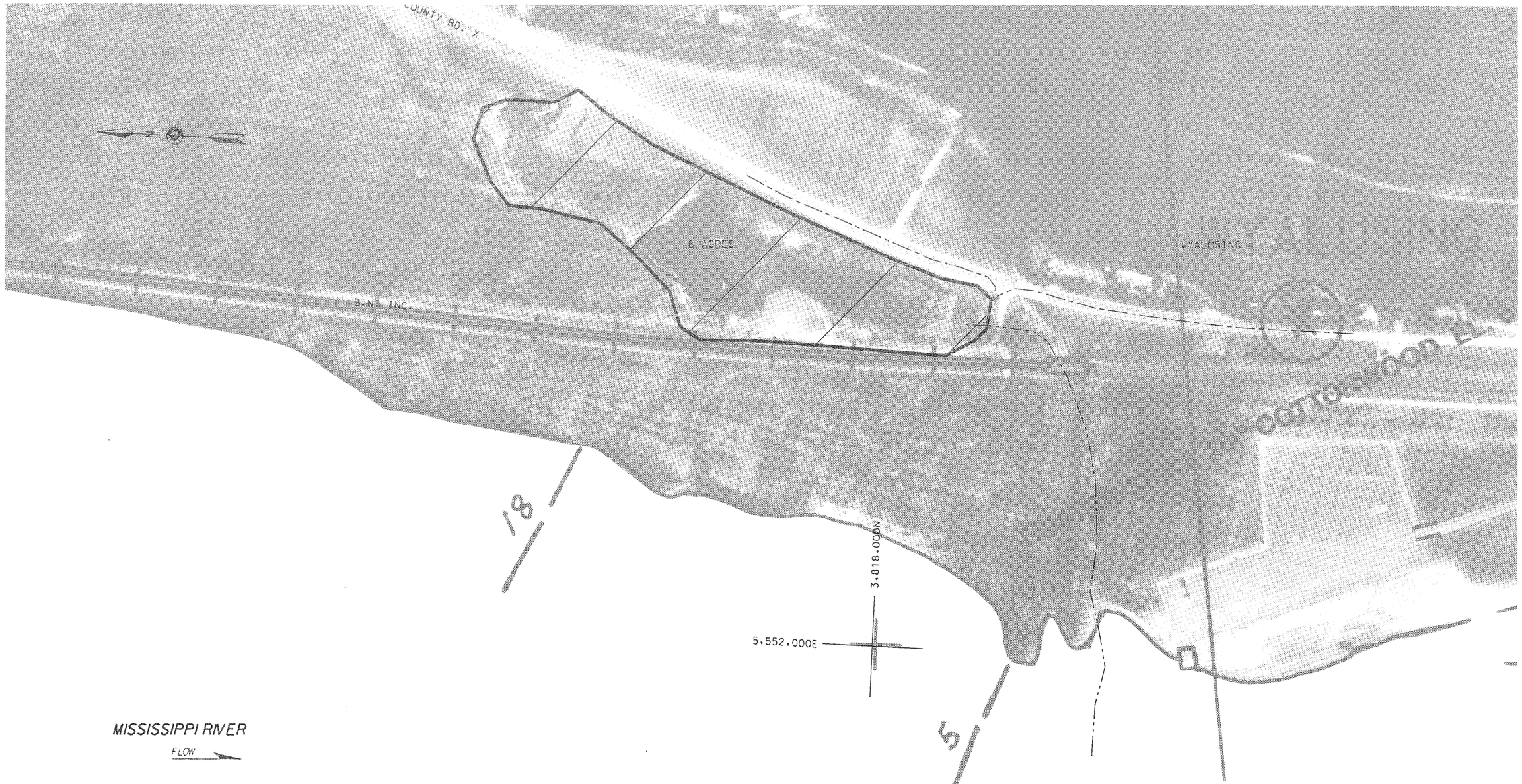
Effluent from hydraulic placement must be entirely contained within the quarry to permit seepage, or the water returned to the river shall not contain higher quantities of pollutants than presently existing in the Mississippi.

Future Plans:

Dredging in Cut 3 has been re-evaluated and may not be required during the planning period. If future dredging requires use of this site, boundaries and details for use will be established through the OSIT process.

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	Permit from landowners
☑ State	Exhibit A of WDNR's MOU
☐ 404(b)(1) Evaluatoin	Long-term 404(b)(1) proposed
Other: Shorepipe Access	Permission from landowners required

Potential Dredge Cuts:		Dredge Type	Pipeline Distance			
Name	Mile		Water	Land	Total	Lift
Wyalusing	627.3-628.0	H	4000	1200-1800	5200-5800	10-20



CHANNEL MAINTENANCE MANAGEMENT PLAN

10-628.0-LWP
WYALUSING PIT

LEGEND
Access Road
Pipeline Access
First Priority Fill Area

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

SCALE: 1"=200'

10-627.8-LWP	Wyalusing Beach	WI/Grant/Wyalusing	Grant County
Site Identification	Site Name	State/County/Municipality	Landowner

Background:

This site was not selected by GREAT I (Site No. 10.24). This site was endorsed by the RRF on 30 September 1985 (Pool 10 Recon. Alt. D*). The RRF endorsed the Pool 10 Recon. (Alt. D*) with the condition to add this site into the plan with the condition that material has to be removed, deleted (OSIT would recommend when to use the site). Other than location on the GREAT I map, no information could be found documenting the size of the area. An area of 2 acres will be used as scaled off recent aerial photography.

Site Characteristics:

This is a popular beach site located on the left descending bank of the Mississippi River. It is all sand and is within the floodplain and the floodway.

Site Dimensions:

Area = 2 acres. Pre-Fill Elevation = 614.0. Maximum Fill Elevation = 617.0. LCP Elevation = 611.0. Estimated Capacity = 10,000 cubic yards.

Beneficial Use:

Material placed at this site will be used beneficially for beach nourishment to provide for recreation.

Equipment Requirments/Limitations:

Unknown.

Special Conditions/Restrictions:

Any placement of material for beach nurishment must not reduce water depths near the boat launching facility.

Future Plans:

If future dredging requires use of this site, boundaries and details for use will be established through the OSIT process.

Permits/Approval Checklists:	Remarks:
☑ Cultural Resources	No action requried
☐ Endangered Species	
☐ Floodplain Impact Analysis	
☐ NEPA	
☐ Real Estate	
☑ State	Exhibit A of WDNR's MOU
☐ 404(b)(1) Evaluatoin	
Other:	

Potential Dredge Cuts:		Dredge Type	Pipeline Distance			
Name	Mile		Water	Land	Total	Lift
Wyalusing	627.3-628.0	M	4000	0-50	4000-4050	0-5

CHANNEL MAINTENANCE MANAGEMENT PLAN

10-627.8-LWP
WYALUSING BEACH

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'

10-618.7-RIT	McMillan Island	IA/Clayton/Guttenberg	Federal Government
Site Identification	Site Name	State/County/Municipality	Landowner

Background:

This site was not selected by GREAT I (Site No. 10.18). GREAT selected use of 8.2 acres at site 10.04 for permanent placement of material from cut 2. The RRF endorsed the Pool 10 Recon. (Alt. D*) on 30 September 1985, which recommended use of 7 acres at site 10.04. Site 10.04 was used several times but no long-term real estate agreement was reached and the landowner association does not want any more material. The RRF endorsed the August 1995 Lower Pool 10 Recon. (Alt. B) on 6 September 1995, which recommends using 5 acres at this transfer site with removal when capacity is reached to the permanent Buck Creek site (10-618.0-RIP).

Site Characteristics:

This is an island site used in the past for placement of dredged material. Habitat impacts include 1.6 acres sand, 1. 2 acres old dredged material, 1.6 acres bottomland forest, and 0.6 acres marsh

Site Dimensions:

Area = 5 acres. The area is 600 feet by 365 feet. Estimated capacity includes excavation to 30' below LCP. Pre-Fill Elevation = 620.0. Maximum Fill Elevation = 650.0. LCP Elevation = 610.4. Estimated Capacity = 267,500 cubic yards.

Beneficial Use:

GREAT identified active beneficial use of 362,000 cubic yards from Pool 10. This was increased to 1,085,500 in the 1985 Recon. but that was for the entire pool. The 1995 Recon. adjusted the projection to 175,000 cubic yards for the Lower Pool 10 reach on the Iowa side.

Equipment Requirments/Limitations:

Dredged material will be placed at this site either hydraulically or mechanically. Preferred method is hydraulic, which would require effluent control structures and may not be efficient once the site is close to capacity.

Special Conditions/Restrictions:

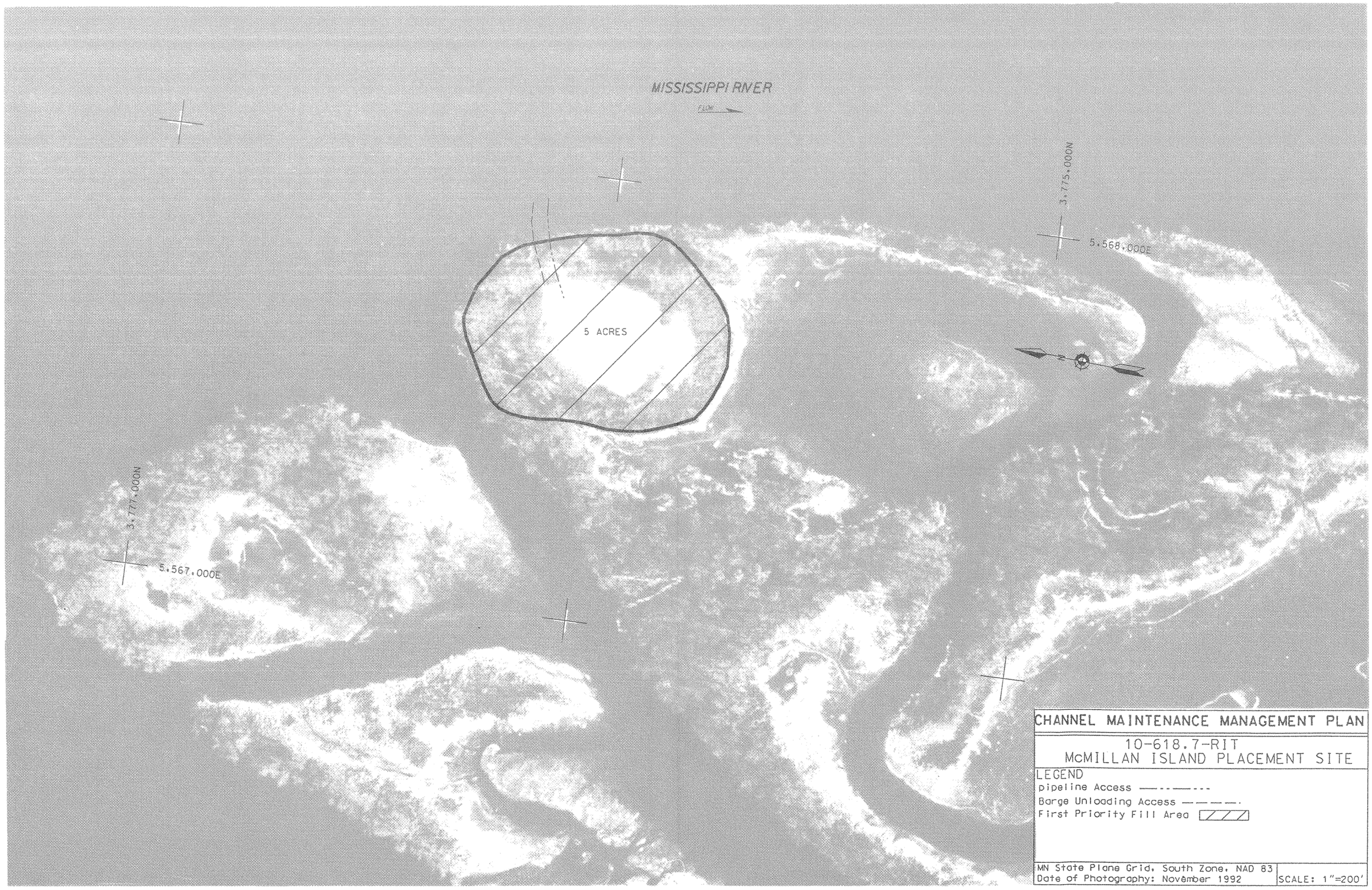
Dike construction with effluent control structures is required to contain the material and direct effluent back to the main channel. Excavation is expected to take place on 2 separate occasions to a depth of 10 feet below LCP or greater (a greater depth would be preferred to provide longevity).

Future Plans:

Once this site is filled to capacity, material will be excavated to the permanent site at Buck Creek (10-618.0-RIP). This will require setting a pipeline through a wetland to reach the site, which will be coordinated with the OSIT.

Permits/Approval Checklists:	Remarks:
☑ Cultural Resources	Surveyed, no further action required
☑ Endangered Species	None found at this site
☐ Floodplain Impact Analysis	May require further anaylsis
☐ NEPA	
☑ Real Estate	Owned by federal government
☐ State	404(t) required if there is an effluent return
☐ 404(b)(1) Evaluatoin	Long-term 404(b)(1) proposed
Other:	

Potential Dredge Cuts:		Dredge Type	Pipeline Distance			
Name	Mile		Water	Land	Total	Lift
McMillan Island	618.4-619.6	H,M	8000	30-400	8030-8400	10-40


MISSISSIPPI RIVER
FLOW
3,775,000N
5,568,000E
5 ACRES
3,777,000N
5,567,000E
CHANNEL MAINTENANCE MANAGEMENT PLAN
10-618.7-RIT
McMILLAN 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'

10-618.0-RIP	Buck Creek	IA/Clayton/Guttenberg	Private
Site Identification	Site Name	State/County/Municipality	Landowner

Background:

This site was not selected by GREAT I. GREAT selected the use of 8.2 acres at Esmann Island (10-618.8-RIP) for permanent placement of material from cut 2. The RRF endorsed the Pool 10 Recon. (Alt. D*) on 30 September 1985, which recommended the use of 7 acres at Esmann Island. The Esmann Island site was used several times but no long-term real estate agreement was reached and the landowner assocciation does not want any more material. The RRF endorsed the August 1995 Lower Pool 10 Recon. (Alt. B) on 6 September 1995, which recommends using 5 acres at the McMillan Island transfer site (10-618.7-RIT) for placement of material from cut 2 with removal when capacity is reached to 10 acres at this site.

Site Characteristics:

This site is currently an agricultural field surrounded by reed canary grass, willows, and cottonwood. It has good land access for beneficial use removal. An area of 10 acres has been identified for use. However, only 8 of those acres will be impacted directly with fill. The remainder will serve as buffer.

Site Dimensions:

Area = 10 acres. The area is 725 feet by 600 feet. Only 8 acres of habitat will be filled (680'X510'). The remaining 2 acres will serve as a buffer around the site with minimal disturbance. Pre-Fill Elevation = 630.0. Maximum Fill Elevation = 655.0. LCP Elevation = 610.3. Estimated Capacity = 360,000 cubic yards.

Beneficial Use:

GREAT identified active beneficial use of 362,000 cubic yards from Pool 10. This was increased to 1,085,500 cubic yards in the 1985 Recon. but that was for the entire pool. The 1995 Recon. adjusted the projection to 175,000 cubic yards for the Lower Pool 10 reach on the Iowa side.

Equipment Requirments/Limitations:

Dredged material will be excavated from the transfer site at McMillan Island and placed at this site by hydraulic methods. Special equipment may be required for placement of the pipeline across wetland areas for access to this site.

Special Conditions/Restrictions:

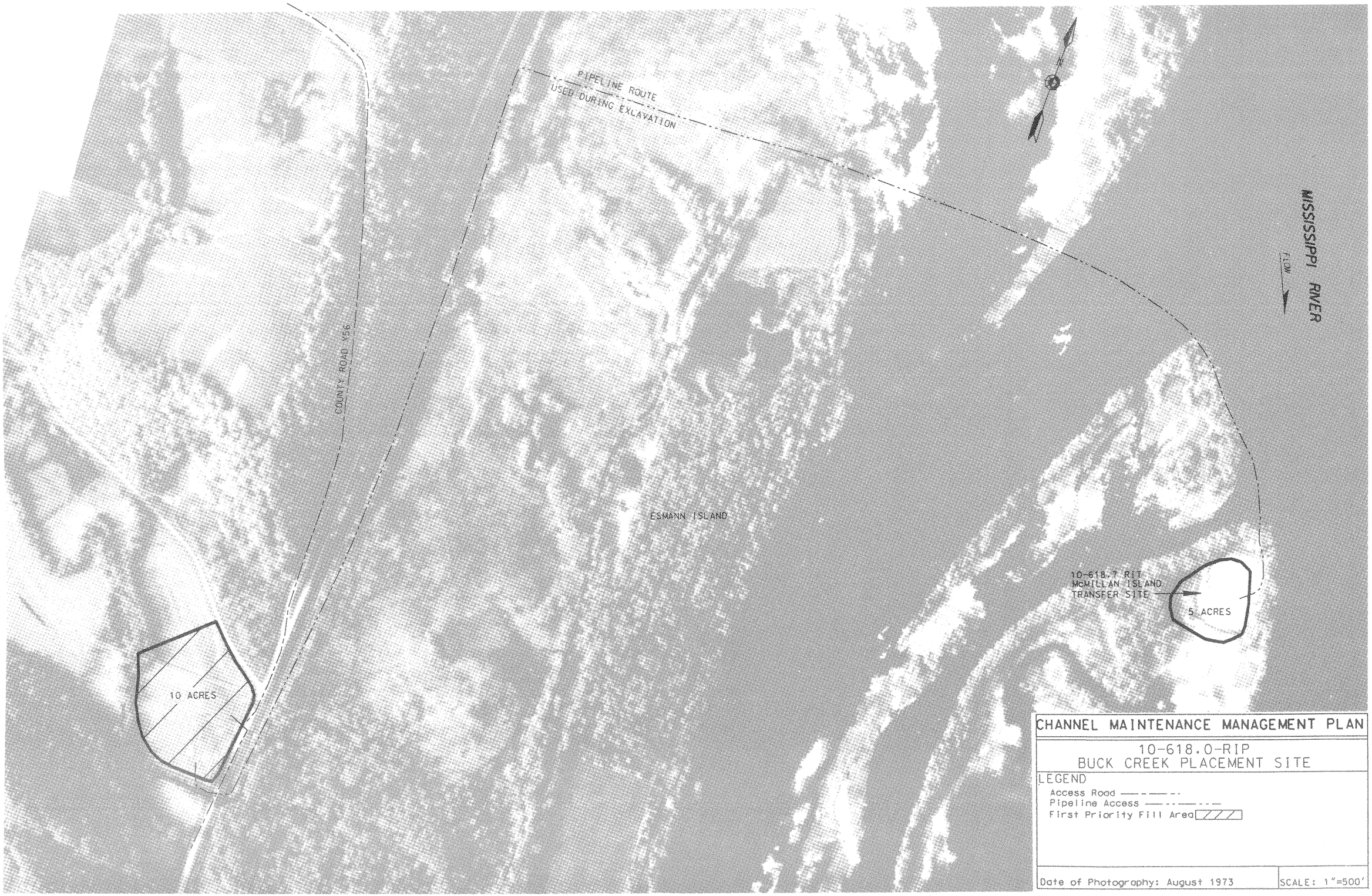
Dike construction with effluent control structures is required to contain the material and direct effluent into Buck Creek . Landscapping and a vegetative cover would be established on the site where beneficial use is not taking place. Maintain a buffer around the site.

Future Plans:

Acquisition of this site will be pursued, followed by construction of containment dikes. Acquisition will also include all real estate agreements necessary for long-term pipeline access to the site.

Permits/Approval Checklists:	Remarks:
☑ Cultural Resources	Surveyed, no further action required
☑ Endangered Species	None found at this site
☐ Floodplain Impact Analysis	Further analysis required
☐ NEPA	
☐ Real Estate	Corps will pursue acquisition
☐ State	404(t) required if effluent
☐ 404(b)(1) Evaluatoin	Long-term 404(b)(1) proposed
Other:	

Potential Dredge Cuts:		Dredge Type	Pipeline Distance			
Name	Mile		Water	Land	Total	Lift
McMillan Island site	10-618.7-RIT	H	6200	2800-3500	9000-9700	20-45



CHANNEL MAINTENANCE MANAGEMENT PLAN

10-618.0-RIP
BUCK CREEK PLACEMENT SITE

LEGEND
Access Road
Pipeline Access
First Priority Fill Area

Date of Photography: August 1973

SCALE: 1"=500'