

5-749.8-RMP	West Newton Chute	MN/Wabasha/Kellogg	Federal Government			
Site Identification	Site Name	State/County/Municipality	Landowner			
<b>Background:</b> This site was selected by GREAT I (Site No. 5.24, Reference GREAT I Vol. 8-Part IV). This site was endorsed by the RRF on 20 October 1983 (Upper Pool 5 Recon. Alt. A2). GREAT selected an area of 36 acres to be used as a secondary site for permanent placement from cuts 5-8. The RRF endorsed Recon. dated March 1984, recommended the use of 39 acres with a fill depth of 25 feet (to elev. 705). The landowner was willing to sell but became unwilling after the Corps offer for the property. Guidance from Corps Headquarters said the Corps was authorized to pursue the property through condemnation if justified. The purchase was justified and approximately 158 acres were acquired. This site is the designated permanent site for material placed at the Above West Newton transfer site (5-748.0-RMT).						
<b>Site Characteristics:</b> This site is part of a 181.3 acre agricultural field. It is an upland site and has good access by road. The placement site is bound by a bottomland hardwood forest, County Road 84, Greenfield Town Road, and an agricultural field.						
<b>Site Dimensions:</b> Area = 39 acres. The area is a triangle with sides of 2830 feet, 2450 feet, and 1450 feet. Pre-Fill Elevation = 680.0. Maximum Fill Elevation = 705.0. LCP Elevation = 660.0. Estimated Capacity = 1,362,000 cubic yards.						
<b>Beneficial Use:</b> There is good access to the site by road but is located 4.7 miles from the main Highway (U.S. Hwy 61). Beneficial use removal is projected to be 41,000 cubic yards per 40 years.						
<b>Equipment Requirments/Limitations:</b> Material from Mule Bend (cut 7) would be placed by direct hydraulic pumping. A closing dam blocks the head of West Newton Chute making barging material directly to the site difficult. The Corps will evaluate the potential to barge material directly to the site.						
<b>Special Conditions/Restrictions:</b> Landscape plantings should be employed to screen the dike and to act as a windbreak. Approval from MPCA is required for any inwater rehandling activities.						
<b>Future Plans:</b> The site would be operated as a beneficial use stockpile site. Material not removed will be piled to grade and after abandonment of the site it could be managed as a wildlife area.						
<b>Permits/Approval Checklists:</b> <input checked="" type="checkbox"/> Cultural Resources <input checked="" type="checkbox"/> Endangered Species <input checked="" type="checkbox"/> Floodplain Impact Analysis <input checked="" type="checkbox"/> NEPA <input checked="" type="checkbox"/> Real Estate <input type="checkbox"/> State <input type="checkbox"/> 404(b)(1) Evaluatoin Other:			<b>Remarks:</b> Cult. Res. Review completed 09/20/89 None found at this site No further analysis necessary Covered by the GREAT and O&M, EIS Owned by Federal Government MPCA approval for inwater handling Long-term proposal for inwater			
<b>Potential Dredge Cuts:</b>		<b>Dredge Type</b>	<b>Pipeline Distance</b>			<b>Lift</b>
<b>Name</b>	<b>Mile</b>		<b>Water</b>	<b>Land</b>	<b>Total</b>	
Lower Appch. L/D #4	752.6-752.8	M,H	15500	100-2000	15600-17500	20-45
Mule Bend	748.6-749.6	M,H	6500	100-2000	6600-8500	20-45
West Newton	748.2-747.2	H	12000	100-2000	12100-14000	20-45
Below West Newton	746.0-746.8	M,H	17000	100-2000	17100-19000	20-45



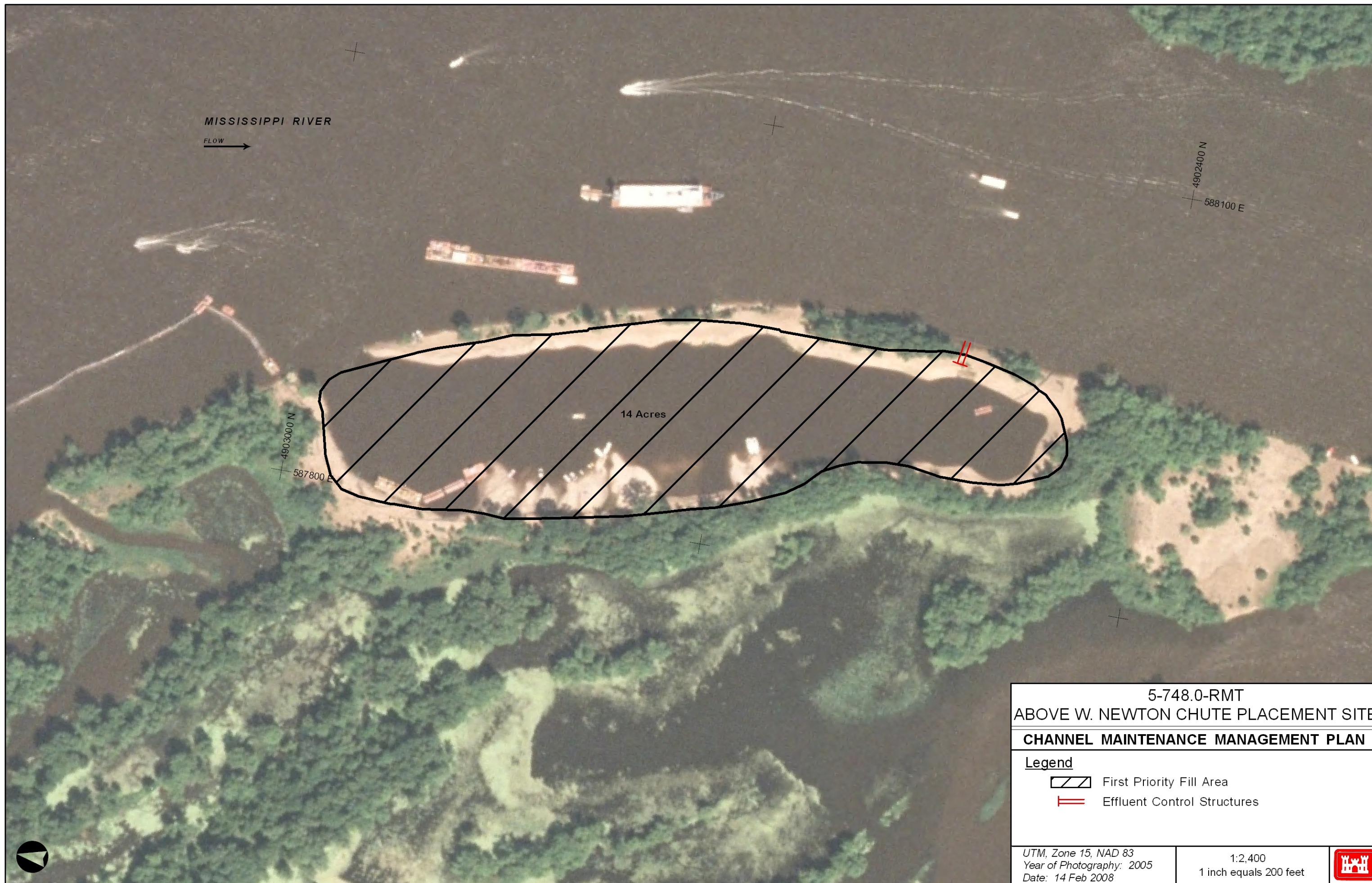





5-749.8-RMP WEST NEWTON CHUTE PLACEMENT SITE	
CHANNEL MAINTENANCE MANAGEMENT PLAN	
<b>Legend</b> [Hatched Box] First Priority Fill Area [Boat Ramp Icon] Boat Ramp	
UTM, Zone 15, NAD 83 Year of Photography: 2005 Date: 21 Apr 2008	1:4,800 1 inch equals 400 feet



5-748.0-RMT	Above West Newton	MN/Wabasha/West Newton	Federal Government			
Site Identification	Site Name	State/County/Municipality	Landowner			
<b>Background:</b> <p>This site was selected by GREAT I (Site No. 5.18T, Reference GREAT I Vol. 8-Part IV). There was no RRF endorsement prior to the CMMP. GREAT selected an area of 27.5 acres as a temporary/emergency site for cuts 6-7. The District has taken an approach that involves excavating large quantities from temporary sites and transferring that material cost effectively to a designated permanent site, which restores capacity at the temporary sites so they can be used again. The Corps future program for the GREAT I recommended Action Item 8 (Temporary material placement sites) is stated in the GREAT I Implementation Status Report And Future Program dated May 1992. This future program is supported by the RRF. This site is designated as a transfer site and material will be excavated and placed at the West Newton Chute site (5-749.8-RMP).</p>						
<b>Site Characteristics:</b> <p>The site is an existing containment area that is 100% upland. It is located in the floodplain and in the floodway. Dredge material has been placed here in the past and containment berms have been constructed. Rock groins were constructed in 1990 to reduce shoreline erosion.</p>						
<b>Site Dimensions:</b> <p>Area = 14 acres. The area is 1700 feet by 355 feet. Pre-Fill Elevation = 661.0. Maximum Fill Elevation = 696.0. LCP Elevation = 660.0. Estimated Capacity = 578,000 cubic yards.</p>						
<b>Beneficial Use:</b> <p>There is no beneficial use at this site due to the lack of road access. The material may be used beneficially when it is excavated from the site.</p>						
<b>Equipment Requirments/Limitations:</b> <p>Unknown.</p>						
<b>Special Conditions/Restrictions:</b> <p>Berms must be in adequate condition before material is placed hydraulically. Outside slopes of berms should be seeded to stabilize the site. Material must be protected against erosion and will be removed when it is economical or when capacity is reached. It will be transferred to the permanent West Newton Chute site (5-749.8-RMP).</p>						
<b>Future Plans:</b> <p>The plan for this site is to maintain the containment berms and continue to use the site for temporary placement of dredge material until filled to capacity. Once capacity is reached it will be excavated and prepared for re-use.</p>						
<b><u>Permits/Approval Checklists:</u></b> <input checked="" type="checkbox"/> Cultural Resources <input checked="" type="checkbox"/> Endangered Species <input checked="" type="checkbox"/> Floodplain Impact Analysis <input checked="" type="checkbox"/> NEPA <input checked="" type="checkbox"/> Real Estate <input checked="" type="checkbox"/> State <input type="checkbox"/> 404(b)(1) Evaluatoin Other:		<b><u>Remarks:</u></b> No action required None found at this site No further analysis necessary Covered by the GREAT and O&M, EIS Owned by Federal Governemt General permits with MDNR and MPCA Long-term 404(b)(1) proposed				
<b>Potential Dredge Cuts:</b>		<b>Dredge</b>	<b>Pipeline Distance</b>			
<b>Name</b>	<b>Mile</b>	<b>Type</b>	<b>Water</b>	<b>Land</b>	<b>Total</b>	<b>Lift</b>
Mule Bend	748.6-749.6	H	5000	75-500	5075-5500	1-36
West Newton	747.2-748.2	H	2000	75-500	2075-2500	1-36





5-748.0-RMT ABOVE W. NEWTON CHUTE PLACEMENT SITE		
<b>CHANNEL MAINTENANCE MANAGEMENT PLAN</b>		
<u>Legend</u>		
	First Priority Fill Area	
	Effluent Control Structures	
UTM, Zone 15, NAD 83 Year of Photography: 2005 Date: 14 Feb 2008		1:2,400 1 inch equals 200 feet
		



5-745.8-RMT	Above Fisher Island	MN/Wabasha/West Newton	Federal Government			
Site Identification	Site Name	State/County/Municipality	Landowner			
<b>Background:</b> <p>This site was selected by GREAT I (Site No. 5.12T, Reference GREAT I Vol. 8-Part IV). This site was endorsed by the RRF on 30 September 1985 (Lower Pool 5/Weaver Rehab.). GREAT selected an area of 5.5 acres as a temporary/emergency site for cut 5. GREAT also recommended implementing the Weaver Bottoms rehabilitation project through the use of dredged material. The RRF endorsed the Lower Pool 5 Channel Maintenance Plan/Weaver Bottoms Rehabilitation Plan, which identified use of this site as a borrow source for construction. Original containment dikes were constructed in 1977, covering an area of 14 acres. Approximately 782,000 cubic yards were excavated in 1987 for the Weaver Bottoms Phase I construction. Material from routine dredging will continue to be placed into this transfer site.</p>						
<b>Site Characteristics:</b> <p>When the site was excavated, a large bathtub area was created. This bathtub was excavated to an elevation 10 feet below the normal pool level.</p>						
<b>Site Dimensions:</b> <p>Area = 14 acres. The area is 1250 feet by 500 feet. Excavated 782,000 cubic yards to reach Pre-Fill Elevation. Pre-Fill Elevation = 650.0. Maximum Fill Elevation = 700.0. LCP Elevation = 659.9. Estimated Capacity = 782,000 cubic yards.</p>						
<b>Beneficial Use:</b> <p>Material from this site was removed for the Weaver Bottoms Rehabilitation project. When this site is filled, it may be used for further island construction in Weaver Bottoms. The containment site is also used beneficially for recreation.</p>						
<b>Equipment Requirments/Limitations:</b> <p>Unknown.</p>						
<b>Special Conditions/Restrictions:</b> <p>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 a permanent site.</p>						
<b>Future Plans:</b> <p>Use of this site as a borrow area for the Weaver Bottoms Rehabilitation project will continue. When there is no longer a demand for the material, the site will be filled to capacity and revegetated. The Corps will consider excavation of the site to a permanent site prior to stabilization and revegetation.</p>						
<b>Permits/Approval Checklists:</b> <input checked="" type="checkbox"/> Cultural Resources <input checked="" type="checkbox"/> Endangered Species <input checked="" type="checkbox"/> Floodplain Impact Analysis <input checked="" type="checkbox"/> NEPA <input checked="" type="checkbox"/> Real Estate <input checked="" type="checkbox"/> State <input type="checkbox"/> 404(b)(1) Evaluatoin Other:		<b>Remarks:</b> No action required None found at this site No further analysis necessary Covered by the GREAT and O&M, EIS Owned by Federal Government General permits with MDNR and MPCA Long-term 404(b)(1) proposed				
<b>Potential Dredge Cuts:</b>		<b>Dredge</b>	<b>Pipeline Distance</b>			
<b>Name</b>	<b>Mile</b>	<b>Type</b>	<b>Water</b>	<b>Land</b>	<b>Total</b>	<b>Lift</b>
Fisher Island	744.8-746.0	H	3000	30-1500	3030-4500	0-50
Below West Newton	746.0-746.8	H	3000	30-1500	3030-4500	0-50







5-744.7-LWT	Lost Island	WI/Bufalo/Bufalo City	Federal Government			
Site Identification	Site Name	State/County/Municipality	Landowner			
<b>Background:</b> This site was not selected by GREAT I (Site No. 5.08T). This site was endorsed by the RRF on 30 September 1985 (Lower Pool 5/Weaver Rehab.). GREAT recommended implementing the Weaver Bottoms rehabilitation project through use of dredged material. The RRF endorsed the Lower Pool 5 Channel Maintenance Plan/Weaver Bottoms Rehabilitation Plan, which identified use of this site as a borrow source for construction. Original containment dikes were constructed in 1978, covering an area of 18 acres. Approximately 585,000 cubic yards were excavated in 1987 for the Weaver Bottoms Phase I construction. The RRF added this site to the emergency/temporary list contained in GREAT Action Item 8 on 30 March 1983. Material from routine dredging will continue to be placed into this transfer site.						
<b>Site Characteristics:</b> This is an island containment site used in the past for dredged material placement. Portions of the site were used for experimental revegetation efforts.						
<b>Site Dimensions:</b> Area = 18 acres. The area is 1750 feet by 450 feet. Excavated 585,000 cubic yards to reach the Pre-Fill Elevation. Pre-Fill Elevation = 650.0. Maximum Fill Elevation = 700.0. LCP Elevation = 659.8. Estimated Capacity = 1,052,000 cubic yards.						
<b>Beneficial Use:</b> Material from this site was removed for the Weaver Bottoms Rehabilitation project. When this site is filled, it may be used for further island construction in Weaver Bottoms. The containment site is also used beneficially for recreation.						
<b>Equipment Requirments/Limitations:</b> Unknown.						
<b>Special Conditions/Restrictions:</b> 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 a permanent site.						
<b>Future Plans:</b> Use of this site as a borrow area for the Weaver Bottoms Rehabilitation project will continue. When there is no longer a demand for the material, the site will be filled to capacity and revegetated. The Corps will consider excavation of the site to a permanent site prior to stabilization and revegetation.						
<b>Permits/Approval Checklists:</b> <input checked="" type="checkbox"/> Cultural Resources <input checked="" type="checkbox"/> Endangered Species <input checked="" type="checkbox"/> Floodplain Impact Analysis <input checked="" type="checkbox"/> NEPA <input checked="" type="checkbox"/> Real Estate <input checked="" type="checkbox"/> State <input type="checkbox"/> 404(b)(1) Evaluatoin Other:			<b>Remarks:</b> No action required None found at this site No further analysis necessary Covered by O&M, EIS Owned by Federal Government Exhibit A of WDNR's MOU Long-term 404(b)(1) proposed			
<b>Potential Dredge Cuts:</b>		<b>Dredge Type</b>	<b>Pipeline Distance</b>			<b>Lift</b>
<b>Name</b>	<b>Mile</b>		<b>Water</b>	<b>Land</b>	<b>Total</b>	
Fisher Island	744.8-746.0	H	4000	30-1500	4030-5500	0-40
Lower Zumbro	744.0-744.6	H	3000	30-1500	3030-4500	0-40







5-744.7-LWT  
LOST ISLAND PLACEMENT SITE

CHANNEL MAINTENANCE MANAGEMENT PLAN

Legend

-  First Priority Fill Area
-  Effluent Control Structures

UTM, Zone 15, NAD 83  
Year of Photography: 2005  
Date: 21 Apr 2008

1:2,400  
1 inch equals 200 feet






5-744.0-RMP	Weaver Bottoms	MN/Wabasha/Weaver	Federal Government			
Site Identification	Site Name	State/County/Municipality	Landowner			
<b>Background:</b> This site was selected by GREAT I (Site No. 5.30, Reference GREAT I Vol. 8-Part IV). This site was endorsed by the RRF on 30 September 1985 (Lower Pool 5/Weaver Rehab.). GREAT recommended use of 76 acres of Type 4 and 5 wetlands for placement of material from cuts 1-4. The RRF endorsed the Lower Pool 5 Channel Maintenance Plan/Weaver Bottoms Rehabilitation Plan on 30 September 1985 (Plan D was the selected alternative). This plan identified a total of 108 acres to be impacted by creating islands and modifying side channels. Phase I construction is complete and Phase II construction has been deferred until all data from monitoring has been evaluated and a final report is written.						
<b>Site Characteristics:</b> All completed islands and side channel closures have been capped with fine sediments to encourage revegetation, or rock for stabilization. More information can be found in the Pool 5/Weaver Bottoms Rehabilitation report.						
<b>Site Dimensions:</b> Area = 56 acres of side channel habitat and 52 acres of backwater habitat modified. Pre-Fill Elevation = 655.0. Maximum Fill Elevation = 672.0. LCP Elevation = 659.8. Estimated Capacity = 1,659,500 cubic yards.						
<b>Beneficial Use:</b> The beneficial use in this area is for environmental enhancement. The habitat value in the backwater has improved. Approximately 1,367,000 cubic yards of material were removed from the two historic placement sites. These sites were Above Fisher Island (site 5-754.8-RMT with 782,000 cubic yards removed) and Lost Island (site 5-744.7-LWT with 585,000 cubic yards removed).						
<b>Equipment Requirments/Limitations:</b> The entire backwater area is shallow (less than 6.0 feet) and requires equipment that can operate in shallow water.						
<b>Special Conditions/Restrictions:</b> Work will be coordinated with natural resource agencies to reduce the interference with the wildlife species using the Weaver Bottoms area. The Corps will apply out of comity, for a MDNR Protected Waters permit if additional work is proposed in MN waters.						
<b>Future Plans:</b> Continue to construct the islands until the proposed work has been completed or a new plan is developed and endorsed by the RRF.						
<b>Permits/Approval Checklists:</b> <input checked="" type="checkbox"/> Cultural Resources <input checked="" type="checkbox"/> Endangered Species <input checked="" type="checkbox"/> Floodplain Impact Analysis <input checked="" type="checkbox"/> NEPA <input checked="" type="checkbox"/> Real Estate <input checked="" type="checkbox"/> State <input checked="" type="checkbox"/> 404(b)(1) Evaluatoin Other:			<b>Remarks:</b> No action required None found at this site No further analysis necessary Covered by the GREAT and O&M, EIS Owned by Federal Government General permits with MDNR, WDNR, & MPCA Long-term 404(b)(1) completed (exp. 2025)			
<b>Potential Dredge Cuts:</b>		<b>Dredge</b>	<b>Pipeline Distance</b>			
<b>Name</b>	<b>Mile</b>	<b>Type</b>	<b>Water</b>	<b>Land</b>	<b>Total</b>	<b>Lift</b>
Fisher Island	Varies	H,M	Varies	Varies	Varies	Varies
Lower Zumbro	Varies	H,M	Varies	Varies	Varies	Varies
Sommerfield Island	Varies	H,M	Varies	Varies	Varies	Varies
Historic Placement Sites	Varies	H,M	Varies	Varies	Varies	Varies





5-744.0-RMP WEAVER BOTTOMS PLACEMENT SITE		
CHANNEL MAINTENANCE MANAGEMENT PLAN		
<b>Legend</b>  Boat Ramp		
UTM, Zone 15, NAD 83 Year of Photography: 2005 Date: 22 Feb 2008	1:21,000 1 inch equals 1,750 feet	