

3-815.1-RMP	Hastings	MN/Dakota/Hastings	Federal Government			
Site Identification	Site Name	State/County/Municipality	Landowner			
<b>Background:</b> This site was not selected by GREAT I. This site was endorsed by the RRF on 10 April 90 (proposed by Corps). GREAT selected sites 3.47 (1.5 acres upland), 3.48 (undefined acres upland), and 3.42 (8.5 acres wetland) for permanent placement of material from the Lower Appch. to L/D 2 cut. The endorsed proposal recommends use of this site in lieu of the GREAT selected sites. The endorsed area is 6.1 acres but development of the L/D 2 access road has significantly reduced the size to 1 acre usable only for emergency placement. Material from cuts 5-7 may be placed at this site if no other sites are implementable but only under emergency conditions.						
<b>Site Characteristics:</b> The area is adjacent to the lower approach to L/D 2. Adjacent land uses are Lock & Dam operations, abandoned land where Koch Refinery storage tanks were, and Lake Rebecca Park. This is a disturbed upland site within the floodplain but out of the floodway.						
<b>Site Dimensions:</b> Approx. Area= 1 acre - The area is 480 feet by 95 feet. Pre-Fill Elevation = 690.0 Fill Elevation = 710.0 LCP Elevation = 675.0 Estimated Capacity: 17,000 cubic yards.						
<b>Beneficial Use:</b> Access to the site by road is excellent and there is a demand for a beneficial use stockpile in the area. The city of Hastings has expressed the greatest need for material.						
<b>Equipment Requirments/Limitations:</b> Unknown.						
<b>Special Conditions/Restrictions:</b> The L/D 2 access road has been relocated and most of the area available for stockpiling material is gone and trees have been planted. This site will only be used if emergency dredging is required and no other sites are acceptable for use.						
<b>Future Plans:</b> Promote beneficial use to insure adequate capacity for future placement. If emergency dredging requires placement at this site, trees will have to be removed prior to placement. Beneficial use will be promoted and the site will be re-vegetated.						
<b>Permits/Approval Checklists:</b>			<b>Remarks:</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:			No action required None found at this site No further analysis necessary Covered by O&M, EIS Owned by federal government General permit with MDNR and MPCA None required if no effluent return			
<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>
Lower Appch. to L/D 2	814.9-815.1	M	500	100-500	600-1000	15-33
Prescott	810.3-811.7	M	21600	100-500	21700-22100	15-33
Truedale Slough	807.9-808.6	M	34800	100-500	34900-35300	15-33
Four Mile Island	807.0-807.9	M	39600	100-500	39700-40100	15-33





3-815.1-RMP  
HASTINGS PLACEMENT SITE

**CHANNEL MAINTENANCE MANAGEMENT PLAN**

Legend

 First Priority Fill Area

UTM, Zone 15, NAD 83  
Year of Photography: 2003  
Date: 13 Feb 2008

1:2,400  
1 inch equals 200 feet





3-814.7-RMP	Koch	MN/Dakota/Hastings	Private			
Site Identification	Site Name	State/County/Municipality	Landowner			
<b>Background:</b> This site was not selected by GREAT I. There was no RRF endorsement prior to the CMMP. GREAT selected sites 3.47 (1.5 acres upland), 3.48 (undefined acres upland), and 3.42 (8.5 acres wetland) for permanent placement of material from Lower appch. to L/D 2. In 1990, the RRF endorsed a Corps proposal to use site 3-815.1-RMP (Hastings) in lieu of the GREAT selected sites. Development of the L/D 2 access road has reduced the size and usefulness of the site. It will also conflict with visitor day use at the Lock. The Corps will pursue long-term agreement or acquisition of the Koch site to replace site 3-815.1-RMP.						
<b>Site Characteristics:</b> This area has been used by Koch as a storage area for petroleum products. Use of the site by Koch has recently been abandoned and the storage tanks and pipelines have been removed. The area is upland and adjacent to the main channel.						
<b>Site Dimensions:</b> Area = 7 acres. The area is 720 feet by 430 feet. Pre-Fill Elevation = 690.0. Maximum Fill Elevation = 700.0. LCP Elevation = 675.0. Estimated Capacity = 70,000 cubic yards.						
<b>Beneficial Use:</b> Access to the site would need to be developed. There is a high demand for a beneficial use stockpile in the area. The city of Hastings has expressed the greatest need for material.						
<b>Equipment Requirments/Limitations:</b> Unknown.						
<b>Special Conditions/Restrictions:</b> Because this site was used for the storage of petroleum products, there is a high potential for contaminants in the soils at this location. Extensive testing would be completed prior to any use or agreements being made for use.						
<b>Future Plans:</b> If implementable, develop access and establish vegetation around the area for visual screening. Promote beneficial use of the material. Development of plans for use of this site will be coordinated with the OSIT.						
<b>Permits/Approval Checklists:</b> <input type="checkbox"/> Cultural Resources <input type="checkbox"/> Endangered Species <input type="checkbox"/> Floodplain Impact Analysis <input type="checkbox"/> NEPA <input type="checkbox"/> Real Estate <input type="checkbox"/> State <input type="checkbox"/> 404(b)(1) Evaluatoin Other:		<b>Remarks:</b>				
<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>				
Lower Appch. to L/D 2	814.9-815.1	M	1600	500-900	2100-2500	25
Prescott	810.3-811.7	M	19500	500-900	20000-20400	25
Truedale Slough	807.9-808.6	M	34500	500-900	35000-35400	25
Four Mile Island	807.0-807.9	M	38500	500-900	39000-39400	25






3-814.7-RMP  
KOCH PLACEMENT SITE

**CHANNEL MAINTENANCE MANAGEMENT PLAN**

Legend

 First Priority Fill Area

 Boat Ramp

UTM, Zone 15, NAD 83  
Year of Photography: 2003  
Date: 25 June 2008

1:2,400  
1 inch equals 200 feet





3-813.2-RMP	Hastings Harbor	MN/Dakota/Hastings	Private
Site Identification	Site Name	State/County/Municipality	Landowner
<b>Background:</b> This site was selected by GREAT I (Site No. 3.46, Reference GREAT I Vol. 8-Part III). There was no RRF endorsement prior to the CMMP. GREAT selected 11 acres of upland at this site for permanent placement, which the Corps determined is justified. No Reconnaissance Report has been completed. This site has not been used and will require OSIT review. A long-term real estate agreement is required prior to placement of any material. Use of this site will be pursued if beneficial use does not keep up with placement at site 3-815.1-RMP (Hastings) and the potential Koch site (3-814.7-RMP) is not implementable.			
<b>Site Characteristics:</b> The site is an agricultural field located adjacent to the main channel.			
<b>Site Dimensions:</b> Area = 11 acres. The area is 1100 feet by 435 feet. Pre-Fill Elevation = 685.0. Maximum Fill Elevation = 697.0. LCP Elevation = 675.0. Estimated Capacity = 175,000 cubic yards.			
<b>Beneficial Use:</b> Access to the site by road is very poor and would have to be improved to allow any beneficial use removal by land. If access is improved beneficial use of all material is expected. The city of Hastings has expressed the greatest need for material.			
<b>Equipment Requirments/Limitations:</b> Material from cut 8 would be direct hydraulic if equipment is available. However, mechanical dredging of cuts 5-9 is expected because of the low volume per job and low frequency of the cuts.			
<b>Special Conditions/Restrictions:</b> If material is placed hydraulically, a dike will be constructed and effluent control structures would be required. Effluent will be directed back to the main channel.			
<b>Future Plans:</b> Improving land access to the site will be pursued following acquisition of long-term use agreements.			
<b>Permits/Approval Checklists:</b> <input checked="" type="checkbox"/> Cultural Resources <input checked="" type="checkbox"/> Endangered Species <input type="checkbox"/> Floodplain Impact Analysis <input type="checkbox"/> NEPA <input type="checkbox"/> Real Estate <input type="checkbox"/> State <input type="checkbox"/> 404(b)(1) Evaluatoin Other:		<b>Remarks:</b> MN SHPO approved use in 1984 None found at this site May require further analysis  Requires long-term agreement with the landowner	
<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>
Lower Appch. To L/D #2	814.9-815.1	M	9500
Prescott	810.3-811.7	M	11600
Truedale Slough	807.9-808.6	M	26400
Four Mile Island	807.0-807.9	M	30600
			50-1100
			50-1100
			50-1100
			50-1100
			9550-10600
			11650-12700
			26450-27500
			30650-31700
			10-22
			10-22
			10-22
			10-22

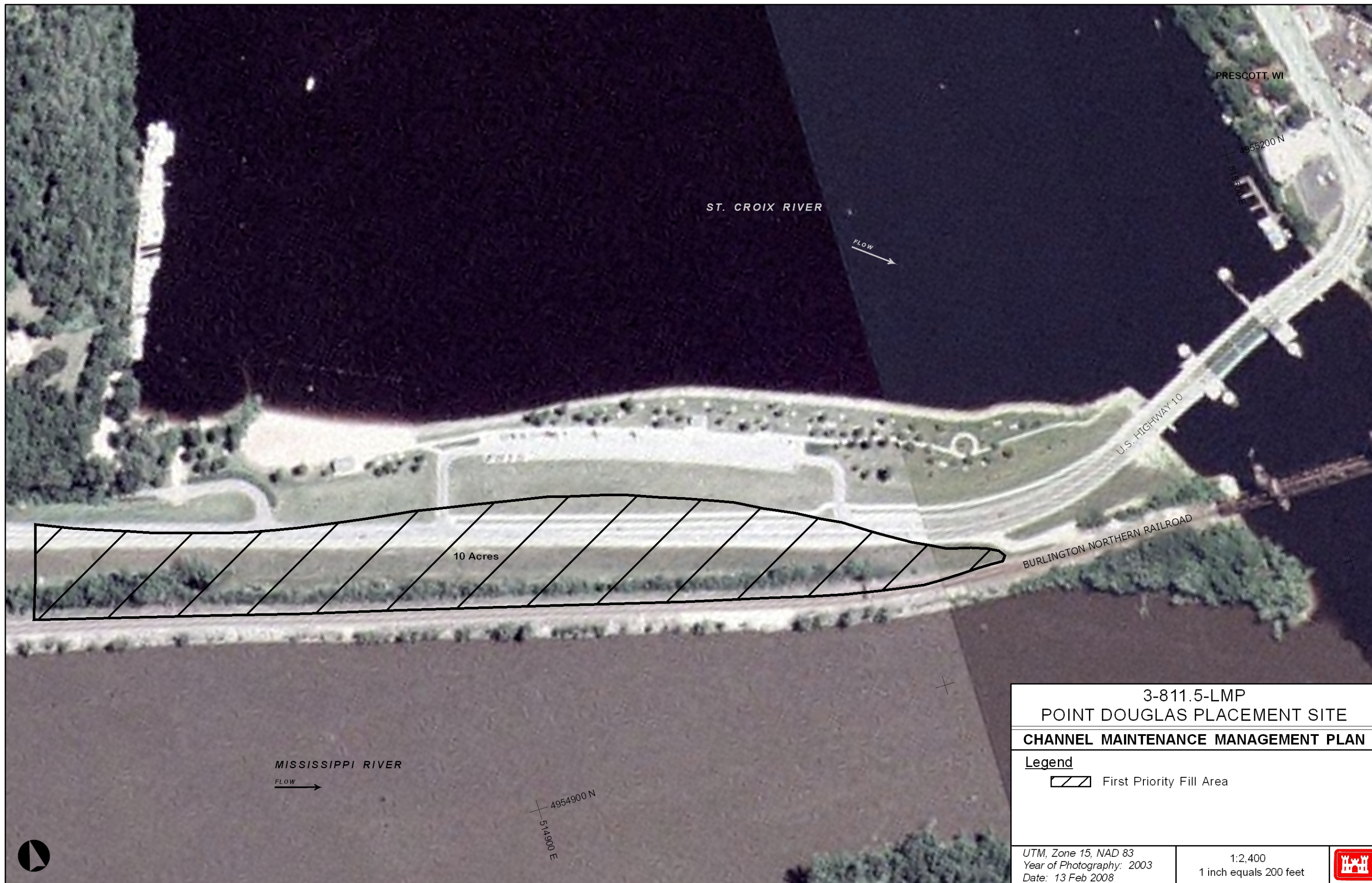






3-811.5-LMP	Point Douglas	MN/Washington/Prescott,WI	MDOT & B.N.RR.
Site Identification	Site Name	State/County/Municipality	Landowner
<b>Background:</b> <p>This site was selected by GREAT I (Site No. 3.34, Reference GREAT I Vol. 8-Part III). There was no RRF endorsement prior to the CMMP. GREAT selected 10 acres at this site for permanent placement from Cut 1 on the St. Croix and from cuts 4-7 in Pool 3. No further studies have been completed for the St. Croix or for Upper Pool 3 because the Corps has determined that the GREAT recommendations are justified. This site has not been used or developed because dredging in the area is infrequent and access to the site will be difficult. Because cut 4 has been included in the 1995 Lower Pool 3 Recon., that material will not be placed at this site. A meeting between the WDNR, MDNR, and Corps was held on 5 October 1995 at Kinnickinnic State Park to re-define the fill areas according to WDNR future plans at the park. A decision was made to use this site after capacity is reached at the Kinnickinnic Bar Upper (SC-6.7-LWP) and Lower (SC-6.5-LWP) sites.</p>			
<b>Site Characteristics:</b> <p>GREAT described the area as 6 acres upland and 4 acres wetland. Vegetation is characterized as bottomland hardwoods and aquatic plants. Adjacent land use includes railroad, navigation channel and U. S. Highway.</p>			
<b>Site Dimensions:</b> <p>Area = 10 acres. The area is 1930 feet by 225 feet. Pre-Fill Elevation = 705.0. Maximum Fill Elevation = 730.0. LCP Elevation = 675.0. Estimated Capacity = 400,000 cubic yards.</p>			
<b>Beneficial Use:</b> <p>GREAT projected a beneficial use demand of 240,000 cubic yards. Most material will be used as landfill on-site but a stockpile can be developed for beneficial use removal.</p>			
<b>Equipment Requirments/Limitations:</b> <p>The railroad tracks separate the site from the river so all placement will be hydraulic. Material from cut 7 in Pool 3 would be placed directly, while all other cuts will require mechanical dredging with hydraulic rehandling.</p>			
<b>Special Conditions/Restrictions:</b> <p>GREAT identified this as a fifth priority site for the St. Croix Cut 1, a third priority site for Pool 3 cuts 4-6, and a first priority site for Cut 7. If those cuts listed before this one in priority can not be developed or are not implementable, this site will be used.</p>			
<b>Future Plans:</b> <p>Visit site with OSIT to develop details for implementing plans for this site. Obtain long-term real estate agreements and prepare site for use.</p>			
<b>Permits/Approval Checklists:</b> <input type="checkbox"/> Cultural Resources <input checked="" type="checkbox"/> Endangered Species <input checked="" type="checkbox"/> Floodplain Impact Analysis <input checked="" type="checkbox"/> NEPA <input type="checkbox"/> Real Estate <input type="checkbox"/> State <input type="checkbox"/> 404(b)(1) Evaluatoin Other:		<b>Remarks:</b> Review is required None found at this site No further analysis necessary Covered by O&M, EIS Requires long-term agreement MPCA certification if effluent return 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      Land      Total      Lift</b>
Kinnickinnic Bar	6.0-6.5	M,H	31680      100-2000      31780-33680      20-55
Prescott	810.3-811.7	H	2640      100-2000      2740-4640      20-55
Four Mile Island	807.0-807.9	M,H	19536      100-2000      19636-21536      20-55
Pine Coulee	809.5-809.8	M,H	9504      100-2000      9604-11504      20-55





ST. CROIX RIVER

FLOW

PRESCOTT, WI

4955200 N

515300 E

U.S. HIGHWAY 10

BURLINGTON NORTHERN RAILROAD

10 Acres

MISSISSIPPI RIVER

FLOW

4954900 N

514900 E

3-811.5-LMP POINT DOUGLAS PLACEMENT SITE CHANNEL MAINTENANCE MANAGEMENT PLAN		
<b>Legend</b> [Hatched Box] First Priority Fill Area		
UTM, Zone 15, NAD 83 Year of Photography: 2003 Date: 13 Feb 2008	1:2,400 1 inch equals 200 feet	



3-808.4-LWP	Dry Run Slough	WI/Pierce/Prescott	Private			
Site Identification	Site Name	State/County/Municipality	Landowner			
<b>Background:</b> <p>This site was selected by GREAT I (Site No. 3.27, Reference GREAT I Vol. 8-Part III). There was no RRF endorsement prior to the CMMP. GREAT selected 31 acres at this site for permanent placement of material from cuts 4-6. A Recon. report for Middle Pool 3 (dated June 1984) recommended use of GREAT sites 3.28 and 3.44 for cuts 4-6 but endorsement was deferred pending further information. The Recon. also modified the GREAT alternative to reflect changes in site dimensions and updated beneficial use data. The modified alternative (AI) recommends 13 acres for cuts 4-6. The Corps has determined that the modified GREAT plan is justified and will pursue implementation of this site.</p>						
<b>Site Characteristics:</b> <p>A total of 19 acres will be impacted. Relocation of the Dry Run Slough channel will disturb 4 acres of old field and 2 acres of forest in addition to the 13 acres (8 upland forest, 3 old field, and 2 dry run channel) disturbed through placement of dredged material. Adjacent to county road and railroad.</p>						
<b>Site Dimensions:</b> <p>Area = 13 acres. The area is 2270 feet by 250 feet. Additional 6 acres will be impacted to relocate dry run. Pre-Fill Elevation = 696.0. Maximum Fill Elevation = 740.0. LCP Elevation = 675.0. Estimated Capacity = 500,000 cubic yards.</p>						
<b>Beneficial Use:</b> <p>The Middle Pool 3 Recon. projected beneficial use from this area to be 653,000 cubic yards. The remainder of material placed at this site will remain permanently.</p>						
<b>Equipment Requirments/Limitations:</b> <p>Material from cuts 5-6 will be placed by direct hydraulic methods and material from cut 4 will be dredged mechanically and placed by hydraulic rehandling. Cut 4 will not be placed here unless capacity is exhausted at 3-799.2-RMT (Corps Island).</p>						
<b>Special Conditions/Restrictions:</b> <p>Use of this site will involve relocating the existing drainage channel from Dry Run Slough and installing a culvert through the railroad embankment. Effluent from hydraulic dredging will be directed to Dry Run Slough and eventually into the main channel.</p>						
<b>Future Plans:</b> <p>Visit the site with the OSIT and begin developing an implementation plan. Once the site is established, promote beneficial use. Implementation has not been a high priority because of low dredging volumes and frequencies for cuts 4-6.</p>						
<b><u>Permits/Approval Checklists:</u></b> <input type="checkbox"/> Cultural Resources <input checked="" type="checkbox"/> Endangered Species <input type="checkbox"/> Floodplain Impact Analysis <input checked="" type="checkbox"/> NEPA <input type="checkbox"/> Real Estate <input checked="" type="checkbox"/> State <input type="checkbox"/> 404(b)(1) Evaluatoin Other:		<b><u>Remarks:</u></b> Review is required None found at this site Analyze impacts on Dry Run Slough Covered by the GREAT and O&M, EIS Requires long-term agreement Exhibit A of WDNR's MOU 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>				
Big River	804.1-806.0	M,H	18000	300-2000	18300-20000	21-65
Four Mile Island	807.0-807.9	H	5000	300-2000	5300-7000	21-65
Pine Coulee	809.5-809.8	H	7100	300-2000	7400-9100	21-65









3-802.3-RME	Morgans	MN/Goodhue/Diamond Bluff	Federal Government			
Site Identification	Site Name	State/County/Municipality	Landowner			
<b>Background:</b> <p>This site was selected by GREAT I (Site No. 3.14T, Reference GREAT I Vol. 8-Part III). There was no RRF endorsement prior to the CMMP. GREAT selected 10.5 acres at this site for temporary placement of dredged material from the Morgans Coulee cut. The Corps has determined that the GREAT recommendation is justified. However, the size of the site is reduced to 3 acres. Reconnaissance Reports for Middle and Lower Pool 3 were completed but neither discussed continued use as a temporary site. Part of this site has been used historically for dredged material placement. The Corps will consider use of this site for emergency dredging operations. Use will be a second priority after considering the Coulters Island site (3-801.7-LWE).</p>						
<b>Site Characteristics:</b> <p>The site is in the floodplain and the floodway. Vegetation consists of bottomland hardwoods, Cattails, Lotus, and Arrowhead.</p>						
<b>Site Dimensions:</b> <p>Area = 3 acres. The area is 650 feet by 200 feet. Pre-Fill Elevation = 682.0. Maximum Fill Elevation = 697.0. LCP Elevation = 674.3. Estimated Capacity = 52,000 cubic yards.</p>						
<b>Beneficial Use:</b> <p>There is no road access to the site. If the site is used, material would likely be removed for beneficial use elsewhere.</p>						
<b>Equipment Requirments/Limitations:</b> <p>Placement of material may be by mechanical or hydraulic methods. If hydraulic placement is used, the backwater and side channel areas must be protected.</p>						
<b>Special Conditions/Restrictions:</b> <p>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.</p>						
<b>Future Plans:</b> <p>At this time, there are no plans to use the site except for emergency purposes.</p>						
<b><u>Permits/Approval Checklists:</u></b> <input checked="" type="checkbox"/> Cultural Resources <input checked="" type="checkbox"/> Endangered Species <input 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 Impacts will be analyzed Covered by the GREAT and O&M, EIS Owned by federal government General permit 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>
Morgans Coulee	801.9-803.0	H,M	1200	10-2000	1210-3200	8-23
Coulters Island	800.8-801.8	H,M	6000	10-2000	6010-8000	8-23
Big River	804.1-806.0	M	13200	10-2000	13210-15200	8-23
Diamond Bluff	798.8-800.4	M	14800	10-2000	14810-16800	8-23





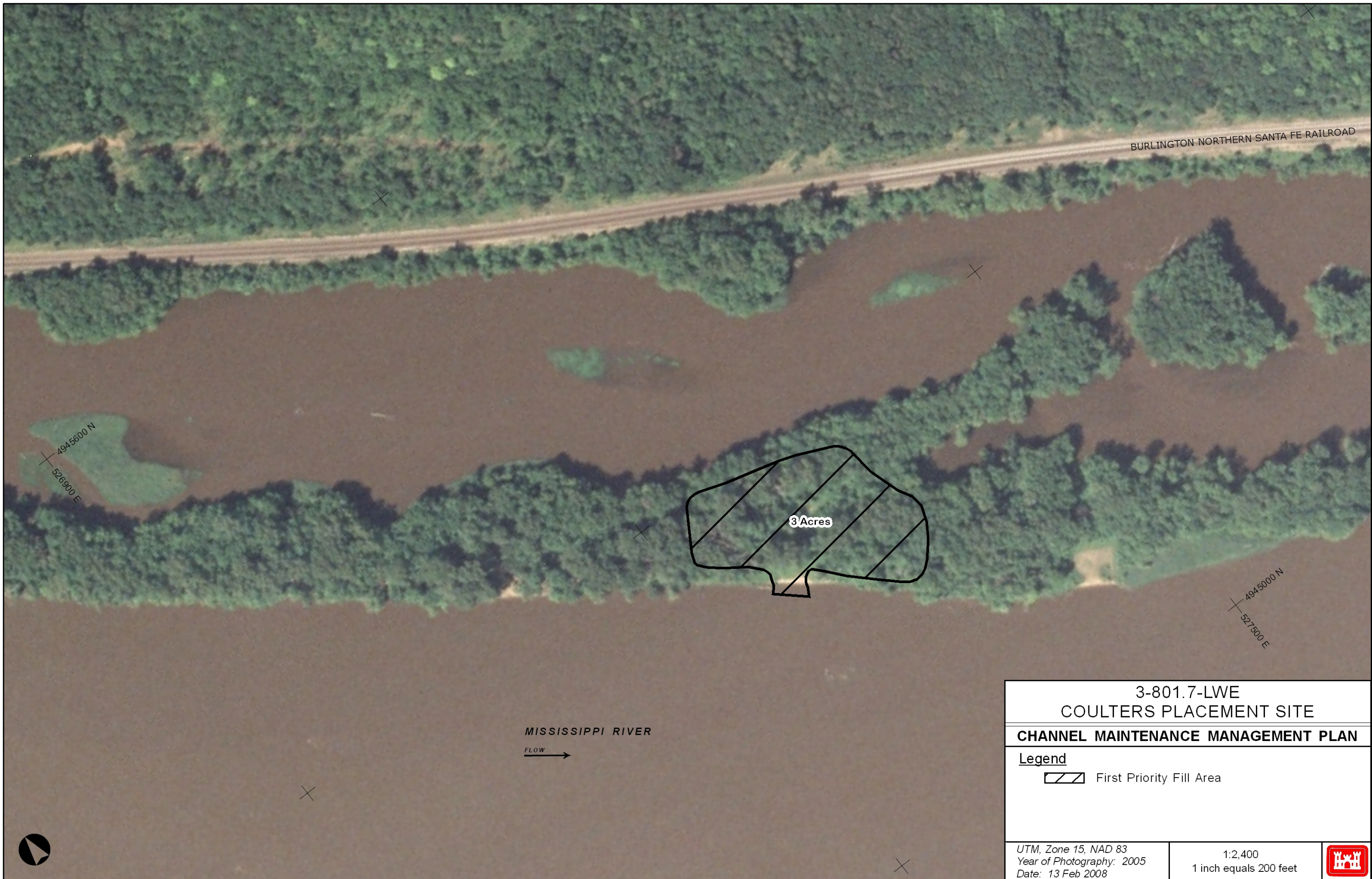
3-802.3-RME MORGANS PLACEMENT SITE		
<b>CHANNEL MAINTENANCE MANAGEMENT PLAN</b>		
<u>Legend</u> <div> First Priority Fill Area</div>		
UTM, Zone 15, NAD 83 Year of Photography: 2005 Date: 13 Feb 2008	1:2,400 1 inch equals 200 feet	





3-801.7-LWE	Coulters	WI/Pierce/Diamond Bluff	Private			
Site Identification	Site Name	State/County/Municipality	Landowner			
<b>Background:</b> This site was selected by GREAT I (Site No. 3.12T, Reference GREAT I Vol. 8-Part III). There was no RRF endorsement prior to the CMMP. GREAT selected 12 acres at this site for temporary placement of dredged material from the Coulters Island cut. The Corps has determined that the GREAT recommendation is justified. However, the size of the site is reduced to 3 acres. Reconnaissance Reports for Middle and Lower Pool 3 were completed but neither discussed continued use as a temporary site. This site has been used in the past for dredged material placement. The Corps will consider use of this site for emergency dredging operations. If practicable, site boundaries need to be designated prior to use and consideration will be given to beach placement.						
<b>Site Characteristics:</b> The site is within the floodplain and the floodway. Vegetation consists of bottomland hardwoods, willows, and grasses.						
<b>Site Dimensions:</b> Area = 3 acres. The area is 500 feet by 260 feet. Pre-Fill Elevation = 682.0. Maximum Fill Elevation = 697.0. LCP Elevation = 674.3. Estimated Capacity = 54,000 cubic yards.						
<b>Beneficial Use:</b> There is no road access to the site. If the site is used, material would likely be removed for beneficial use elsewhere.						
<b>Equipment Requirments/Limitations:</b> Both mechanical and hydraulic placement methods will be acceptable.						
<b>Special Conditions/Restrictions:</b> 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.						
<b>Future Plans:</b> At this time, there are no plans to use the site except for emergency purposes. The Corps will pursue a long-term agreement with the landowner.						
<b>Permits/Approval Checklists:</b> <input checked="" type="checkbox"/> Cultural Resources <input checked="" type="checkbox"/> Endangered Species <input type="checkbox"/> Floodplain Impact Analysis <input checked="" type="checkbox"/> NEPA <input 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 Impacts will be analyzed Covered by the GREAT and O&M, EIS Requires a permit from the landowner Exhibit A of WDNR's MOU 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>
Big River	804.1-806.0	M	17400	10-2000	7410-19400	8-23
Morgan's Coulee	801.9-803.0	H,M	3700	10-2000	3710-5700	8-23
Coulters Island	800.8-801.8	H,M	1000	10-2000	1010-3000	8-23
Diamond Bluff	798.8-800.4	M	11600	10-2000	11610-13600	8-23





BURLINGTON NORTHERN SANTA FE RAILROAD

4945600 N  
526900 E

3 Acres

4945000 N  
527500 E

MISSISSIPPI RIVER

FLOW →

3-801.7-LWE  
COULTERS PLACEMENT SITE

CHANNEL MAINTENANCE MANAGEMENT PLAN

Legend

 First Priority Fill Area

UTM, Zone 15, NAD 83  
Year of Photography: 2005  
Date: 13 Feb 2008

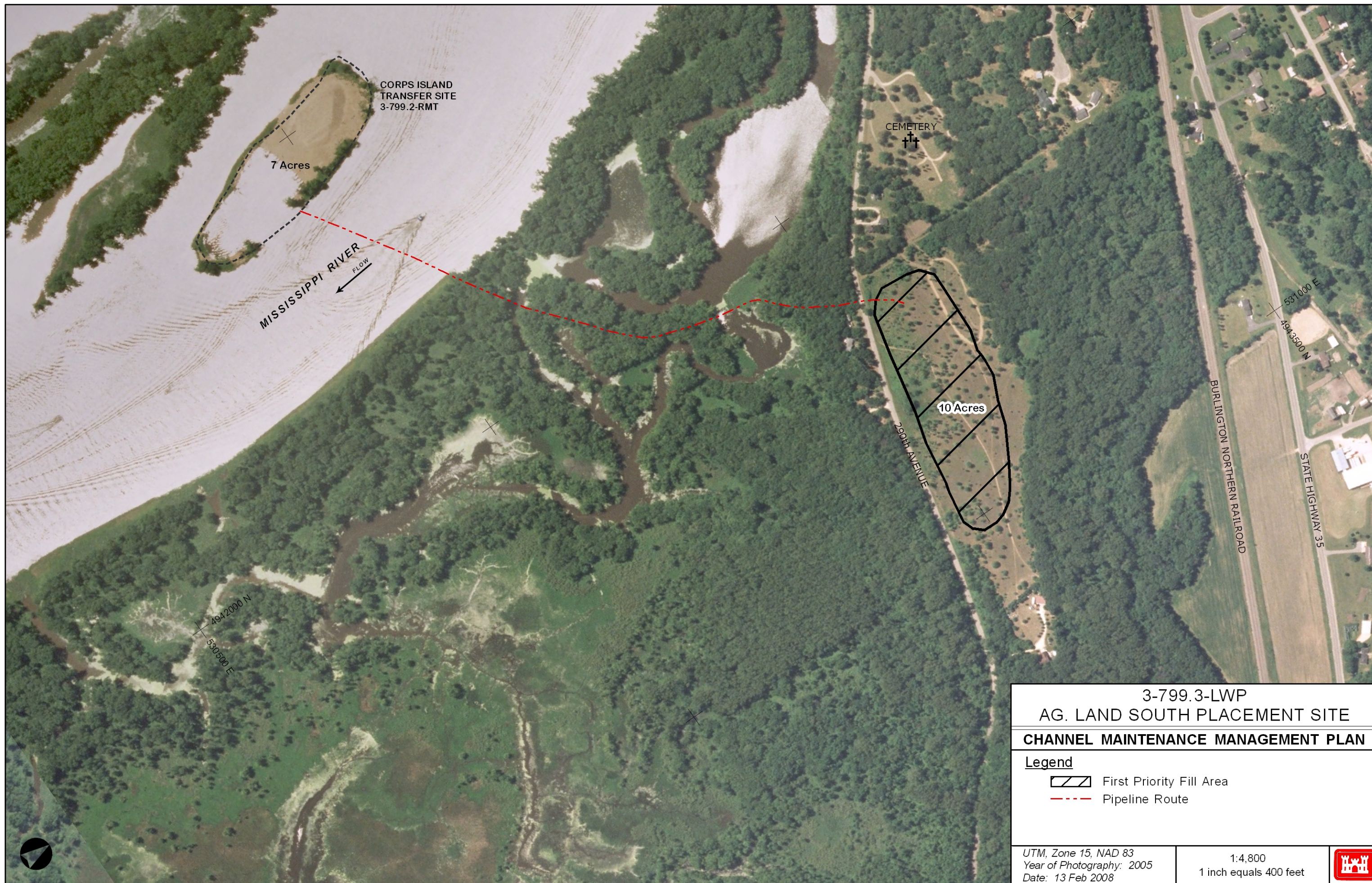
1:2,400  
1 inch equals 200 feet








<b>3-799.3-LWP</b>	<b>Ag. Land South</b>	<b>WI/Pierce/Diamond Bluff</b>	<b>Private</b>
Site Identification	Site Name	State/County/Municipality	Landowner
<b>Background:</b> <p>This site was not selected by GREAT I. This site was endorsed by the RRF on 6 December 1995 (1995 Lower Pool 3 Recon. Alt. D). GREAT selected 35 acres at 3-799.8-LWP (3.09) as a primary site for permanent placement of material from cuts 1-3 and a secondary site for cuts 4-6. The GREAT site has been developed and is no longer available. A 1983 Reconnaissance Report selected 12 acres at site 3-799.9-LWP (Diamond Bluff Beach), but the 1995 Reconnaissance Report did not select site 3-799.9-LWP because it would involve very negative social impacts. Use of 10 acres at this site was recommended for permanent placement of material from the selected Corps Island transfer site (3-799.2-RMT). Routine dredging from cuts 1-4 will go to the Corps Island site 3-799.2-RMT (7 acres).</p>			
<b>Site Characteristics:</b> <p>This site is located on a sand terrace southeast of Diamond Bluff. Current habitat is mixed grasses and forbs. It is bordered by red oaks and sumac, a cemetery, and a township road. Landscaping along the township road will be completed to visually screen the site.</p>			
<b>Site Dimensions:</b> <p>Area = 10 acres. The area is 1400 feet by 310 feet. Pre-Fill Elevation = 715.0. Maximum Fill Elevation = 745.0. LCP Elevation = 674.1. Estimated Capacity = 300,000 cubic yards.</p>			
<b>Beneficial Use:</b> <p>GREAT indicated that beneficial use from the Diamond Bluff area would be 258,000 cubic yards. This quantity was increased to 600,000 cubic yards based on results of a 1982 marketing study. This site has good road access and removal of all material is expected.</p>			
<b>Equipment Requirments/Limitations:</b> <p>Placement will be by hydraulic pipeline from excavation of the Corps Island site (3-799.2-RMT). Mechanical placement requires trucking material to the site. Culverts will be installed through the township road for pipeline access and effluent return.</p>			
<b>Special Conditions/Restrictions:</b> <p>A submerged pipeline should be used when crossing the navigation channel to insure navigation traffic is not delayed during transfer of material to this site. Construct and maintain containment dikes. Mitigate for cultural resources on-site if necessary.</p>			
<b>Future Plans:</b> <p>Acquire long-term real estate agreements for use. Develop landscaping and operational use plan. Install culverts for pipeline access and for effluent return. Construct containment dikes.</p>			
<b>Permits/Approval Checklists:</b> <input type="checkbox"/> Cultural Resources <input type="checkbox"/> Endangered Species <input checked="" type="checkbox"/> Floodplain Impact Analysis <input type="checkbox"/> NEPA <input type="checkbox"/> Real Estate <input checked="" type="checkbox"/> State <input type="checkbox"/> 404(b)(1) Evaluatoin Other:		<b>Remarks:</b> Further review & potential mitigation  No further anaylsis necessary  Requires a long-term agreement from the landowner Exhibit A of WDNR's MOU 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      Land      Total      Lift</b>
Corps Island site	3-799.2-RMT	H	1500      2000-3200      3500-4700      41-71





<b>3-799.3-LWP</b>	
<b>AG. LAND SOUTH PLACEMENT SITE</b>	
<b>CHANNEL MAINTENANCE MANAGEMENT PLAN</b>	
<b>Legend</b>	
	First Priority Fill Area
	Pipeline Route
UTM, Zone 15, NAD 83 Year of Photography: 2005 Date: 13 Feb 2008	
1:4,800 1 inch equals 400 feet	
	



3-799.2-RMT	Corps Island	MN/Goodhue/Prairie Island	Federal Government			
Site Identification	Site Name	State/County/Municipality	Landowner			
<b>Background:</b> This site was not selected by GREAT I (Site No. 3.07). This site was endorsed by the RRF on 6 December 1995 (1995 Lower Pool 3 Recon. Alt. D). GREAT selected 35 acres at site 3-799.8-LWP (3.09) as a primary site for permanent placement of material from cuts 1-3 and a secondary site for cuts 4-6. The GREAT site has been developed and is no longer available. A 1983 Reconnaissance Report selected 12 acres at site 3-799.9-LWP (Diamond Bluff Beach), but the 1995 Reconnaissance Report did not select site 3-799.9-LWP because it would involve very negative social impacts. Use of 10 acres at the Ag Land South site (3-799.3-LWP) was recommended for permanent placement of material to be transferred from this 7 acre transfer site.						
<b>Site Characteristics:</b> This is an island site created by dredged material placement. Prior to development in 1995, the site was 3 acres of sand, 2 acres of old dredged material with bottomland hardwoods, and 2 acres of willow. There are emergent vegetation beds on the west side of the island.						
<b>Site Dimensions:</b> Area = 7 acres. The area is 1100 feet by 280 feet. Pre-Fill Elevation = 679.0. Maximum Fill Elevation = 709.0. LCP Elevation = 674.1. Estimated Capacity = 224,000 cubic yards.						
<b>Beneficial Use:</b> There is no beneficial use at this site due to lack of road access. The material may be used beneficially when it is excavated from the site.						
<b>Equipment Requirments/Limitations:</b> Hydraulic dredging and placement is the most efficient and practical method for this site. There is no land access to the site. Both hydraulic and mechanical placement have been used in the past.						
<b>Special Conditions/Restrictions:</b> Material must be protected from erosion and will be removed when it is economical or when capacity is reached.						
<b>Future Plans:</b> When capacity is reached, material will be excavated to the Ag Land South site (3-799.3-LWP). A dike will be maintained and a vegetative screening plan will be developed and implemented.						
<b>Permits/Approval Checklists:</b> <input checked="" type="checkbox"/> Cultural Resources <input checked="" type="checkbox"/> Endangered Species <input type="checkbox"/> Floodplain Impact Analysis <input 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 Further analysis is required Owned by Federal Government MPCA certification if effluent return 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>
Diamond Bluff	798.8-800.4	M	5400	50-250	5450-5650	5-35
Coulters Island	800.8-801.8	M	14300	50-250	14350-14550	5-35
Morgans Coulee	801.9-803.0	M	9500	50-250	19550-19750	5-35
Big River	804.1-806.0	M	33300	50-250	33350-33550	5-35









3-798.0-LWP  
MATHY PITS PLACEMENT SITE

**CHANNEL MAINTENANCE MANAGEMENT PLAN**

Legend

 First Priority Fill Area

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

1:4,800  
1 inch equals 400 feet

