

4-794.7-RMP	Red Wing Yacht Club	MN/Goodhue/Red Wing	Private
Site Identification	Site Name	State/County/Municipality	Landowner
Background: This site was selected by GREAT I (Site No. 4.63, Reference GREAT I Vol. 8-Part III). This site was endorsed by the RRF on 4 November 1985 (Upper Pool 4 Recon. Alt. B*). GREAT selected 11 acres at this site for permanent placement of material from the Trenton Cut. A Reconnaissance Report for Upper Pool 4 also selected this site but reduced the acres required to 7. The RRF endorsed the site with conditions: 1) The Corps will consider mechanical dredging and transport to the Red Wing Commercial Harbor site (4-791.6-RMP) if the quantity is small and equipment is available, 2) Give further consideration to bank protection for reducing dredging, 3) Investigate structural modifications on a priority basis at locations of high probability for reducing dredging. The OSIT met with the landowner in 1995. As a result, the area was reduced to 6 acres and the capacity reduced from 179,000 cubic yards to 25,000 cubic yards.			
Site Characteristics: This site has been used in the past for dredged material placement. Vegetation is characterized by moderately dense woods with dense underbrush. Dredged material placed at this site would be used for recreational enhancement.			
Site Dimensions: Area = 6 acres. The area is irregular (see site map). Pre-Fill Elevation = 677.0. Maximum Fill Elevation = 680.0. LCP Elevation = 667.0. Estimated Capacity = 25,000 cubic yards.			
Beneficial Use: This site has no road access but does have barge access so there would be potential for beneficial use removal by barge. All material placed at this site would be considered passive beneficial use for recreational enhancement.			
Equipment Requirments/Limitations: Unknown.			
Special Conditions/Restrictions: Maintain containment dikes to assure that material does not get into the adjacent backwater. Maintain a 30 foot buffer area between the toe of the material pile and the shoreline and avoid removing large trees. Consider landscape planting after placement is completed. Placement must be coordinated with the landowner.			
Future Plans: Containment dikes need to be constructed and drop structures added if used for hydraulic placement.			
Permits/Approval Checklists: <input type="checkbox"/> Cultural Resources <input type="checkbox"/> Endangered Species <input 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:		Remarks: Survey required in undisturbed area Need determination from FWS Will be analyzed if necessary Covered by the GREAT and O&M, EIS Permit required from landowner MPCA certification if effluent return Long-term 404(b)(1) proposed	
Potential Dredge Cuts:		Dredge	Pipeline Distance
Name	Mile	Type	Water Land Total Lift
Trenton	794.0-794.6	H	4000 50-300 4050-4300 30



MISSISSIPPI RIVER




FLOW →

4938700 N
534400 E

4939000 N
533800 E

3 Acres

3 Acres

4-794.3-RMP RED WING YACHT CLUB PLACEMENT SITE		
CHANNEL MAINTENANCE MANAGEMENT PLAN		
<u>Legend</u>		
	First Priority Fill Area	
	Second Priority Fill Area	
UTM, Zone 15, NAD 83 Year of Photography: 2005 Date: 21 Apr 2008		<div>1:2,400 1 inch equals 200 feet</div> 



4-791.6-RMP	Red Wing Commercial Harbo	MN/Goodhue/Red Wing	City of Red Wing			
Site Identification	Site Name	State/County/Municipality	Landowner			
Background: This site was selected by GREAT I (Site No. 4.57, Reference GREAT I Vol. 8-Part III). This site was endorsed by the RRF on 4 November 1985 (Upper Pool 4 Recon. Alt. B*). GREAT selected 16 acres at this site for permanent placement from cuts 7-9 and 11. A Reconnaissance Report for Upper Pool 4 also selected this site but reduced the acres required to 13. The endorsed plan involves mechanical dredging of cuts 7-9 and rehandling by truck from the commercial harbor dock to the site.						
Site Characteristics: The area is within the floodplain and floodway. Adjacent land uses include a commercial harbor, a backwater area, and a paved city road. It is currently used as a disposal/storage area for sand, gravel, and road salt. The area has previously been used by the city as a landfill. There are 11 acres upland and 2 acres wetland.						
Site Dimensions: Area = 13 acres. The primary area is 9 acres (300,000cy) and the secondary area is 4 acres (100,000cy). Pre-Fill Elevation = 674.0. Maximum Fill Elevation = 704.0. LCP Elevation = 667.0. Estimated Capacity = 400,000 cubic yards.						
Beneficial Use: A beneficial use demand does exist from the city of Red Wing and Goodhue County. Removal has been projected at approximately 10,000 cubic yards per year. If this estimate is low, the entire 13 acres may not require development.						
Equipment Requirments/Limitations: This site will be used for mechanical placement only. Mechanical rehandling by truck or by conveyor will be required if an access channel is not dredged.						
Special Conditions/Restrictions: Coordinate unloading at the Commercial Harbor dock with the city of Red Wing, the Red Wing Port Authority, and the Harbor operator.						
Future Plans: Development and continued use as a beneficial use stockpile site is anticipated. Vegetative screening may be required. The secondary stockpile will only be used if there is no capacity left in the primary stockpile.						
<u>Permits/Approval Checklists:</u> <input type="checkbox"/> Cultural Resources <input type="checkbox"/> Endangered Species <input checked="" type="checkbox"/> Floodplain Impact Analysis <input checked="" type="checkbox"/> NEPA <input type="checkbox"/> Real Estate <input checked="" type="checkbox"/> State <input checked="" type="checkbox"/> 404(b)(1) Evaluatoin Other:			<u>Remarks:</u> Survey required in undisturbed area Coordinate analysis with FWS May require further analysis Covered by O&M, EIS Agreement required from landowner General permit with MDNR and MPCA None required if no effluent return			
Potential Dredge Cuts:		Dredge Type	Pipeline Distance			Lift
Name	Mile		Water	Land	Total	
Trenton	794.0-794.6	M	15800	50-450	15850-16250	7-32
Cannon River	792.1-793.5	M	7408	50-450	7450-7850	7-32
Red Wing Commenc. Harbor	791.5	M	1000	50-450	1050-1450	7-32
Abv. & Blw. Red Wing Br.	789.5-791.2	M	6800	50-450	6850-7250	7-32



13 Acres

RED WING
COMMERCIAL HARBOR

LEVEE ROAD

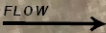
4-791.6-RMP RED WING COM. HARBOR PLACEMENT SITE		
CHANNEL MAINTENANCE MANAGEMENT PLAN		
<u>Legend</u>		
 First Priority Fill Area		
UTM, Zone 15, NAD 83 Year of Photography: 2005 Date: 13 Feb 2008	1:2,404 1 inch equals 200.310441 feet	

4-788.5-RMP	Colvill Park	MN/Goodhue/Red Wing	City of Red Wing			
Site Identification	Site Name	State/County/Municipality	Landowner			
Background: <p>This site was selected by GREAT I (Site No. 4.47, Reference GREAT I Vol. 8-Part III). There was no RRF endorsement prior to the CMMP. GREAT selected 11 acres at this site as a third priority site for permanent placement of material from Cut 7. The RRF endorsed the Upper Pool 4 Recon. Report on 4 November 1985, which did not recommend use of this site. The city of Red Wing is interested in receiving material at this site for the construction of a new aquatic center. Because the site is not in the recommended plan, the city will be responsible for any permits required for placement of material (this is the Corps normal practice for requests for material). The Corps regulatory staff has been notified that the city wishes to fill the area. Any use will be coordinated with the OSIT. The 11 acres that GREAT selected consists of 6 acres wetland and 5 acres upland. Since the Corps will not fill the wetland area until the city has proper agreements, the Corps will only identify the 5 acres of upland as being available.</p>						
Site Characteristics: <p>The Corps has filled approximately 4 acres of upland at this site. An additional 1 acre of upland and 6 acres of wetland remain in the area. The site is in the floodplain and in the floodway. The wetland area vegetation is mainly bottomland hardwoods.</p>						
Site Dimensions: <p>Area = 5 acres. The area is 520 feet by 420 feet. Pre-Fill Elevation = 670.0 Maximum Fill Elevation = 685.0. LCP Elevation = 667.0. Estimated Capacity = 95,000 cubic yards.</p>						
Beneficial Use: <p>Material placed at this site would be used beneficially as landfill. The city of Red Wing is proposing to construct a new aquatic center in this location once filled. A stockpile could be developed for removal and beneficial use at other locations.</p>						
Equipment Requirments/Limitations: <p>Both mechanical and hydraulic placement methods may be used. Containment dikes would be required if hydraulic placement is used.</p>						
Special Conditions/Restrictions: <p>Tree clearing is required prior to placement in the wetland area.</p>						
Future Plans: <p>Placement of material in the wetland portions of this site would be completed only after proper permits are acquired by the city of Red Wing.</p>						
Permits/Approval Checklists: <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 type="checkbox"/> Real Estate <input checked="" type="checkbox"/> State <input type="checkbox"/> 404(b)(1) Evaluatoin Other: Wetland permit			Remarks: No action required Non found at this site No further analysis necessary Covered by the GREAT and O&M, EIS DMP permit from city of Red Wing General permit with MDNR and MPCA 404(b)(1) proposed Comply with wetland Conser. Act if wetland filled			
Potential Dredge Cuts:		Dredge Type	Pipeline Distance			Lift
Name	Mile		Water	Land	Total	
Abv. & Blw. Red Wing Br.	789.5-791.2	H,M	11500	20-500	11520-12000	5-20
Head of Lake Pepin	785.2-785.4	M	16900	20-500	16920-17400	5-20



MISSISSIPPI RIVER

FLOW



COLVILL PARK

4934800 N

539800 E

4-788.4-RMP

COLVILL PARK PLACEMENT SITE

CHANNEL MAINTENANCE MANAGEMENT PLAN

Legend



First Priority Fill Area

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

1:2,404
1 inch equals 200.310441 feet

