

Lake Koshkonong Lake Restoration  
 July 25, 2011 Estimate  
 Rock Koshkonong Lake District

## Opinion of Probable Costs

### DREDGING FOR NAVIGATIONAL ACCESS AND WETLAND ENHANCEMENT AND SHORELINE PROTECTION

OPTION NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL
<b>1 Mechanical Dredging with Carp Gate, Permanent Access</b>					
1a	Mobilization/Demobilization	1	LS	\$ 35,000.00	\$35,000
1b	Clearing	0.50	Acres	\$ 5,000.00	\$2,500
1c	Permanent Access Road	1,700	Feet	\$ 27.87	\$47,400
1d	Breakwater	550	Feet	\$ 78.00	\$42,900
1e	Mechanical Dredging	3,440	CY	\$ 12.00	\$41,300
1f	Restoration	1	Acres	\$ 10,000.00	\$10,000
1g	Carp Gate	1	LS	\$ 30,000.00	\$30,000
	<b>Subtotal</b>				<b>\$209,100</b>
	Estimating Contingency (30%)				<b>\$62,800</b>
<b>Total for Mechanical Dredging with Carp Gate, Permanent Access</b>					<b>\$272,000</b>
<b>2 Mechanical Dredging with Carp Gate, Temporary Access</b>					
2a	Mobilization/Demobilization	1	LS	\$ 35,000.00	\$35,000
2b	Clearing	0.50	Acres	\$ 5,000.00	\$2,500
2c	Temporary Access Road	1,700	Feet	\$ 200.00	\$340,000
2d	Breakwater	550	Feet	\$ 78.00	\$42,900
2e	Mechanical Dredging	3,440	CY	\$ 12.00	\$41,300
2f	Restoration	1	Acres	\$ 10,000.00	\$10,000
2g	Carp Gate	1	LS	\$ 30,000.00	\$30,000
	<b>Subtotal</b>				<b>\$501,700</b>
	Estimating Contingency (30%)				<b>\$150,600</b>
<b>Total for Mechanical Dredging with Carp Gate, Temporary Access</b>					<b>\$653,000</b>
<b>3 Mechanical Dredging without Carp Gate, Less Dredging, Permanent Access</b>					
3a	Mobilization/Demobilization	1	LS	\$ 35,000.00	\$35,000
3b	Clearing	0.40	Acres	\$ 5,000.00	\$2,000
3c	Permanent Access Road	1,300	Feet	\$ 27.87	\$36,300
3d	Breakwater	550	Feet	\$ 78.00	\$42,900
3e	Mechanical Dredging	2,300	CY	\$ 12.00	\$27,600
3f	Restoration	1	Acres	\$ 10,000.00	\$10,000
	<b>Subtotal</b>				<b>\$153,800</b>
	Estimating Contingency (30%)				<b>\$46,200</b>
<b>Total for Mechanical Dredging without Carp Gate, Less Dredging, Permanent Access</b>					<b>\$200,000</b>
<b>4 Mechanical Dredging without Carp Gate, Less Dredging, Temporary Access</b>					
4a	Mobilization/Demobilization	1	LS	\$ 35,000.00	\$35,000
4b	Clearing	0.40	Acres	\$ 5,000.00	\$2,000
4c	Temporary Access Road	1,300	Feet	\$ 200.00	\$260,000
4d	Breakwater	550	Feet	\$ 78.00	\$42,900
4e	Mechanical Dredging	2,300	CY	\$ 12.00	\$27,600
4f	Restoration	1	Acres	\$ 10,000.00	\$10,000
	<b>Subtotal</b>				<b>\$377,500</b>
	Estimating Contingency (30%)				<b>\$113,300</b>
<b>Total for Mechanical Dredging without Carp Gate, Less Dredging, Temporary Access</b>					<b>\$491,000</b>
<b>5 Hydraulic Dredging without Carp Gate, Winter Build</b>					
5a	Mobilization/Demobilization	1	LS	\$ 35,000.00	\$35,000
5b	Breakwater	550	Feet	\$ 78.00	\$42,900
5c	Hydraulic Dredging	3,440	CY	\$ 20.00	\$68,800
5d	Restoration	1	Acres	\$ 10,000.00	\$10,000
	<b>Subtotal</b>				<b>\$156,700</b>
	Estimating Contingency (30%)				<b>\$47,100</b>
<b>Total for Hydraulic Dredging without Carp Gate, Winter Build</b>					<b>\$204,000</b>