



APPROXIMATE GRABING VOLUMES:  
 WHITAKER POND: EXCAVATED OVERSIZE - 4,986 CU. YDS.  
 BERM FILL - 348 CU. YDS.  
 SEDIMENT FOREBAY: CUT VOLUME = 6,170 CU. YDS.  
 FILL VOLUME = 1,880 CU. YDS.

LEGEND	
	PARCEL BOUNDARY (OWNED INFORMATION)
	OPEN WATER SURFACE (AS SURVEYED ON MAY 26, 2006)
	PROPOSED TIERED WEIR
	CONSTRUCTION LIMITS
	TEMPORARY CONSTRUCTION FENCE
	MIXED CLASS 3 RIPRAP
	MIXED CLASS 2 RIPRAP

- NEW BERM CONSTRUCTION
- Access Road
- Town of White Bear
- 6+ feet deep
- 3-6 feet deep
- 0-3 feet deep

WHITE BEAR TOWNSHIP

DATE: 05/11/2011	SHEET: 8	PROJECT NO: 10000001	DRAWN BY: [Name]	CHECKED BY: [Name]	<b>BDR</b> BROWN & OHLER RESOURCES, INC. 691 14th Avenue North Coon Rapids, MN 55128 PHONE: 763.851.1770, 8448 WWW: BDR10111.COM	<b>VLAWMO</b> VADNAIS LAKE AREA WPCW MANAGEMENT DISTRICT	EXCAVATION FOR <b>WHITAKER POND IMPROVEMENTS</b> VADNAIS HEIGHTS, RAMSEY COUNTY, MINNESOTA	SHEET 8 OF 9 SHEETS