Appendix B

Tables and Maps for Minnesota

Appendix **B**

Tables and Maps for Minnesota

The tables in this section were generated by the Minnesota Geospatial Information Office (MnGeo) using publicly available data available on the Minnesota Department of Natural Resources Data Deli (<u>http://deli.dnr.state.mn.us/</u>) and provided by the DNR. Also included are maps and data provided by DNR and the Minnesota Department of Health. The tables indicate the potential affects of each system alternative (in the two-mile corridor) on resources in Minnesota. As with other tables in this document, these data provide a broad overview of potential affects.

Total Acres/System Alternative				
System Alternative	Acres			
SA-Applicant	382,670			
SA-03	476,346			
SA-04	318,078			
SA-05	164,052			
SA-06	505,087			
SA-07	555,838			
SA-08	340,055			

(See G	Ground Water Susceptibility (See Ground Water Contamination Susceptibility In Minnesota Map on page B-11 in this Appendix)							
System Alternative	0 - Insufficient Data to Rank	1 - Highest	2 - High	3 - Medium	4 - Low	5 - Lowest	Grand Total	
SA-Applicant	5,907	71,163	70,889	126,920	97,573	10,110	382,562	
SA-03	7,976	95,011	79,659	201,816	87,044	4,732	476,238	
SA-04	2,291	5,802	22,813	111,181	152,508	23,331	317,925	
SA-05	2,417	1,500	5,941	118,787	35,350		163,994	
SA-06	10,634	72,527	72,319	197,647	138,480	13,596	505,204	
SA-07	18,972	70,126	92,301	268,582	101,370	4,605	555,957	
SA-08	12,650	69,895	60,868	133,967	57,269	5,561	340,211	

Karst Features				
System	Count			
Alternative				
SA-03	7			
SA-06	61			
SA-07	61			
SA-08	7			

	Minnesota Sites of Biological Diversity (MBS)							
System Alternative	Below	High	Moderate	Outstanding	Grand Total			
SA-Applicant	7,291	6,883	52,117	2,459	68,750			
SA-03	13,891	5,828	26,320	1,914	47,954			
SA-04	2,099	1,277	1,724	1,112	6,211			
SA-05	5,759	368	2,405		8,531			
SA-06	5,273	1,598	18,052	94	25,016			
SA-07	5,978	2,086	19,592	3,690	31,347			
SA-08	4,315	1,824	3,258	1,969	11,366			

Native Prairie							
System Alternative	Complex community	Upland Prairie System	Wetland Prairie System	Total			
SA-Applicant	440	118	213	772			
SA-03	279	882	973	2,135			
SA-04	177	651	35	863			
SA-05	223	914		1,137			
SA-06		428	123	551			
SA-07	92	1,684	1,637	3,414			
SA-08	165	117	34	317			

Calcareous Fens				
System Alternative	Total			
SA-Applicant	1			
SA-03	2			
SA-04	1			
SA-05	1			
SA-06	1			
SA-07	11			

Old Growth Forest			
System Acres			
Alternative			
SA-Applicant	191		
SA-06	153		
SA-07	153		

School Trust Land				
System	Acres			
Alternative				
SA-Applicant	7,880			
SA-03	2,004			
SA-06	997			
SA-07	1,022			
SA-08	9			

State Trails					
System Alternative	Count	Miles			
SA-Applicant	8	15			
SA-03	11	33			
SA-04	10	8			
SA-06	16	29			
SA-07	15	28			
SA-08	7	8			

Mineral Leases				
System Alternative	Number of Leases			
SA-Applicant	72			
SA-03	110			
SA-04	20			
SA-05	28			
SA-06	98			
SA-07	139			
SA-08	141			

Mines and Minerals						
		Mine by Type				
System Alternative	Industrial Silica Sand	Limestone	Reed-Sedge	Total		
SA-Applicant			1	1		
SA-04		2		2		
SA-06	1			1		
SA-07	1			1		

National Wetlands Inventory (NWI)							
			Wet	tland type			
System Alternative	3	4	5	6	7	8	Total
SA-Applicant	8,073	506	8,370	31,869	11,626	16,152	76,597
SA-03	16,740	616	9,961	24,004	9,992	6,228	67,541
SA-04	5,103	109	505	285	599		6,602
SA-05	4,066	190	2,208	47	170		6,681
SA-06	18,376	565	14,145	11,355	7,456	4,293	56,190
SA-07	25,699	1,185	22,261	12,158	7,851	4,293	73,446
SA-08	21,767	1,023	13,331	2,513	2,278	36	40,946

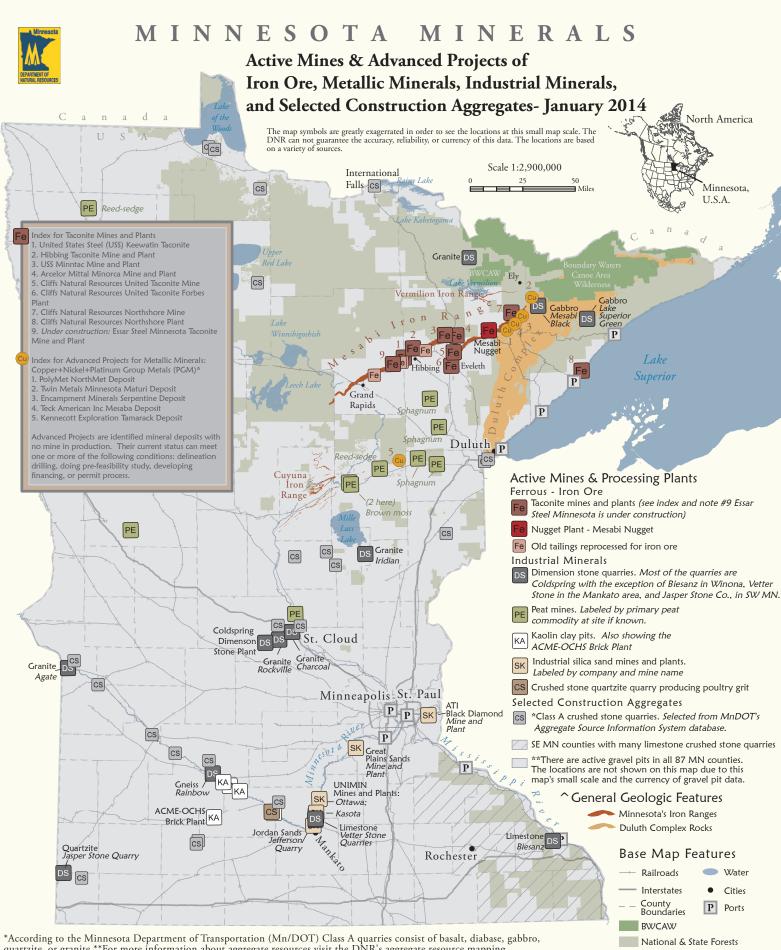
Water Basins (acres)				
System Alternative	Public Water Basin	Public Water Wetland	Grand Total	
SA-Applicant	10,220	2,372	12,592	
SA-03	10,047	2,792	12,838	
SA-04	2,000	461	2,461	
SA-05	3,415	419	3,834	
SA-06	16,738	4,633	21,371	
SA-07	24,823	6,815	31,637	
SA-08	14,921	5,491	20,412	

Water Courses (Rivers and Streams) or Public Waters			
System	Count	Miles	
Alternative			
SA-Applicant	112	240	
SA-03	197	407	
SA-04	96	204	
SA-05	54	124	
SA-06	200	355	
SA-07	210	352	
SA-08	129	243	

Trout Streams			
System Alternative	Count	Miles	
SA-Applicant	46	32	
SA-03	54	42	
SA-04	4	4	
SA-05	8	8	
SA-06	43	30	
SA-07	46	34	
SA-08	3	6	

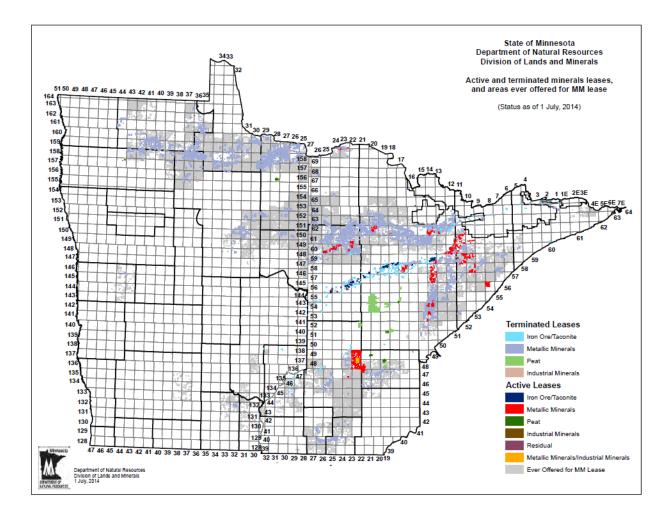
Wild Rice Lakes				
System Alternative	Count	Acres		
SA-Applicant	29	3,621		
SA-03	11	1,182		
SA-06	7	1,867		
SA-07	7	1,867		
SA-08	8	916		

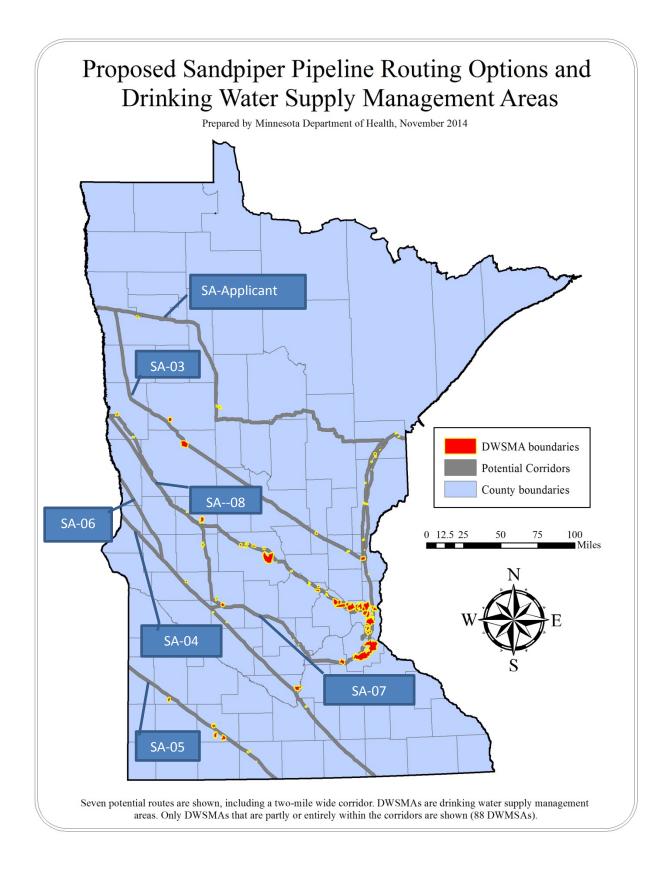
Wild and Scenic Rivers		
System	Acres	
Alternative		
SA-03	6,813	
SA-06	1,595	
SA-07	1,595	
SA-08	5,556	



*According to the Minnesota Department of Transportation (Mn/DOT) Class A quarries consist of basalt, diabase, gabbro, quartzite, or granite.**For more information about aggregate resources visit the DNR's aggregate resource mapping webpage or MnDOT's ASIS database webpage. ^Geologic features sourced from Minnesota Geological Survey's State Map Series S-21, 2011.

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System Alternative	Drinking Water Supply Management Areas (See Corresponding Map)
SA-Applicant	Crookston East, Sundsrud Court, Park Rapids, Carlton, Wrenshall
SA-03	Detroit Lakes, Perham, Milaca, Cambridge NE, Cambridge 4, Cambridge 1, North Branch, Harris, Hinckley, Finlayson, Sturgeon Lake, Moose Lake, Carlton, Wrenshall
SA-04	Benson, Raymond 5, Blomkest, St. Peter, Eagle Lake
SA-05	Balaton, Jeffers-Red Rock Rural Water-Augusta Lake, Red Rock Rural Water- Great Bend, Windom, Trimont, Welcome
SA-06	Benson, Raymond 5, Willmar SW, Plato, Hamburg, Elko-New Market, Hastings, Farmington SE, Cottage Grove 10, Cottage Grove Central, Woodbury Central, Oak-Land Junior High, Stillwater, Lake Elmo 1, Lake Elmo 2, Oak Park Heights, Cimarron Park, Chisago City West, North Branch, Harris, Rush City, Hinckley, Willow River, Minnesota Correctional FacilityMoose Lake, Moose Lake, Barnum, Carlton, Wrenshall
SA-07	Alexandria, Glenwood, Pine Hill MHP, Pennock, Willmar SW, Plato, Hamburg, Elko-New Market, Hastings, Farmington SE, Cottage Grove 10, Cottage Grove Central, Woodbury Central, Oak-Land Junior High, Stillwater, Lake Elmo 1, Lake Elmo 2, Oak Park Heights, Cimarron Park, Chisago City West, North Branch, Harris, Rush City, Hinckley, Willow River, Minnesota Correctional FacilityMoose Lake, Moose Lake, Barnum, Carlton, Wrenshall
SA-08	Moorhead-Buffalo Aquifer South, Barnesville, Brandon, Alexandria, Melrose, New Munich, Freeport, Albany, Avon, St. Joseph, Rockville NE, Clearwater, Otsego West, Joint Power Board System, Rogers North, Rogers South, Maple Grove, Brooklyn Park Central, Brooklyn Center, Brooklyn Park 12, Fridley, New Brighton, St. Anthony Village, St. Paul, Vadnais Heights, Mahtomedi, Oakdale North, North St. Paul, White Bear Lake, Oakdale South, Woodbury 1,Woodbury Central, Cottage Grove 10, Newport, Cottage Grove 1, Cottage Grove 2, St. Paul Park

