

## Figures

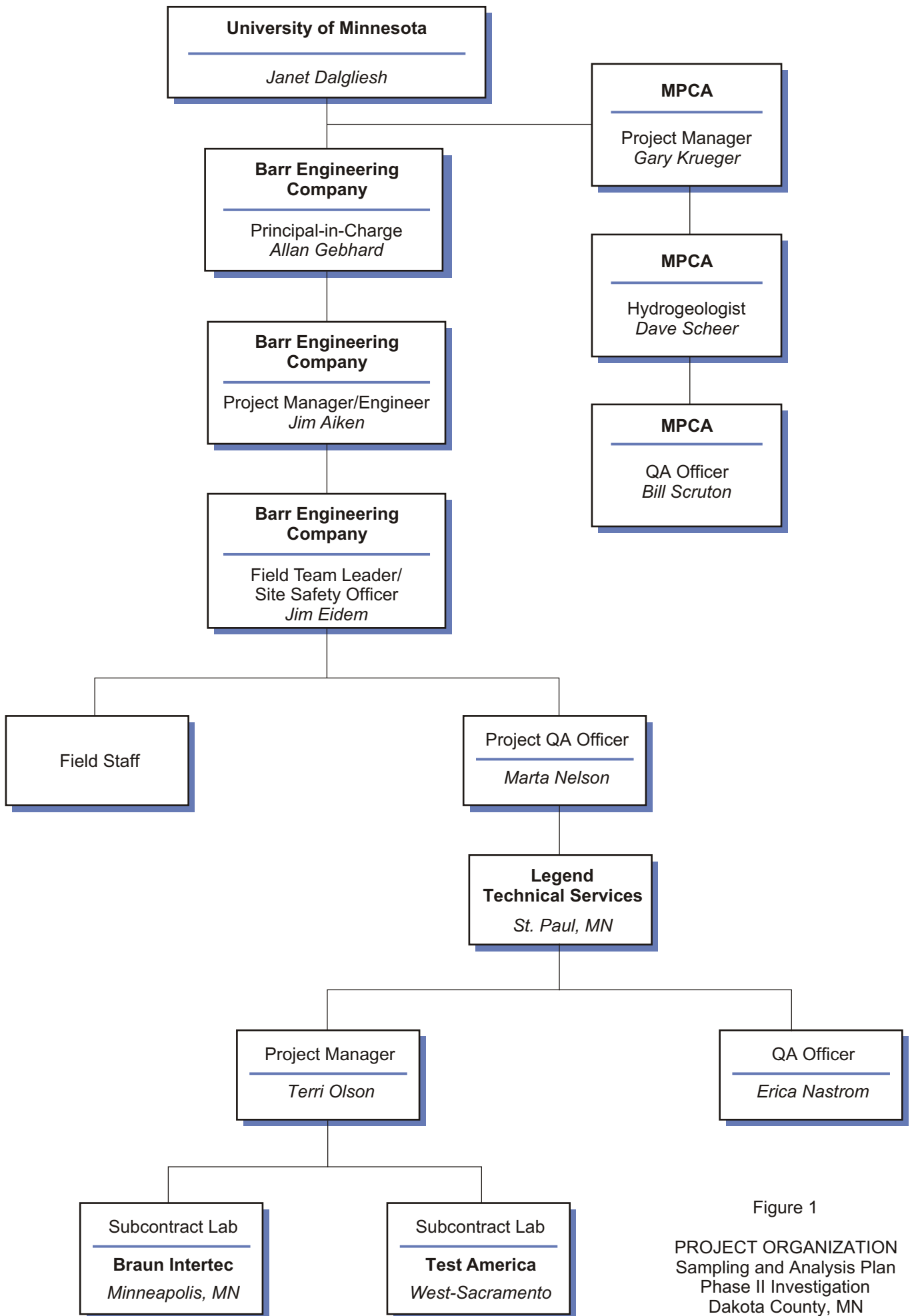
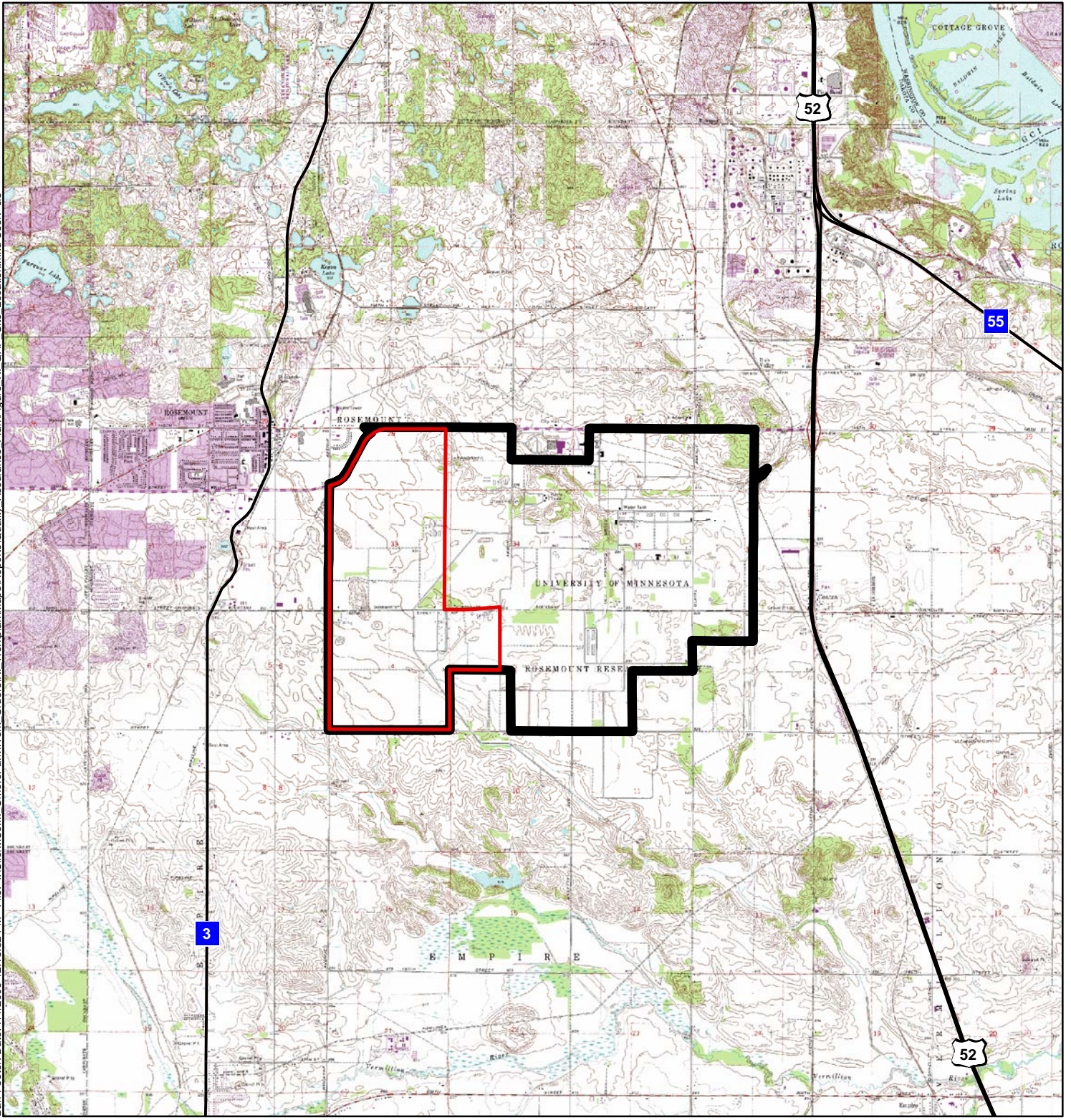


Figure 1

PROJECT ORGANIZATION  
Sampling and Analysis Plan  
Phase II Investigation  
Dakota County, MN



Barr Footer Date: 7/1/2009 12:15:32 PM File: I:\Client\UofM\_UmorePark\Work Orders\RI\_Workplan\Maps\Reports\Quality\_Assurance\_Plan\Figure RI\_QAP\_Site\_Location.mxd User: dls





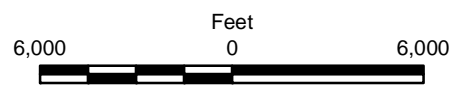
-  UMore Mining Area (UMA)
-  UMore Park Boundary

Figure 2

SITE LOCATION

Quality Assurance Project Plan  
SSI/RI Workplan  
SOCS 4 & 5  
Dakota County, MN



Source: MnDOT, MN DNR, Dakota County, Barr, SEH, HKGi.  
USGS topographic map background downloaded from the U.S.  
Department of Agriculture, Natural Resources Conservation Service.







**Chain of Custody**  
 4700 West 77th Street  
 Minneapolis, MN 55435-4803  
 (952) 832-2600

Project Number: \_\_\_\_\_

Project Name: \_\_\_\_\_

Sample Identification	Collection		Matrix		Type		Number of Containers/Preservative																		COC _____ of _____				
	Date	Time	Water	Soil	Grab	Comp.	QC	Volatile Organics (Pres.) *1	Semivolatile Organics *2	Dissolved Metals (HNO <sub>3</sub> )	Total Metals (HNO <sub>3</sub> )	General (Unpreserved) *3	Cyanide (NaOH)	Nutrients (H <sub>2</sub> SO <sub>4</sub> ) *4	Oil and Grease (H <sub>2</sub> SO <sub>4</sub> )	Sulfide (Zn Acetate)	Methane	Bacteria (Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> )	DRO (HCl)	VOCs (2-oz tared MeOH) *1	GRO, BTEX (2-oz tared MeOH) *1	DRO (2-oz tared) - 25 grams	Metals (2-oz unpreserved)	SVOCs (2 or 4-oz unpres.) *2	% Moisture (plastic vial, unpres.)	Total No. Of Containers			
																											Remarks:		
1.																													
2.																													
3.																													
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12.																													

Common Parameter/Container - Preservation Key  
 \*1 - Volatile Organics = BTEX, GRO, TPH, Full List  
 \*2 - Semivolatile Organics = PAHs, PCP, Dioxins, Full List, Herbicide/Pesticide/PCBs  
 \*3 - General = pH, Chloride, Fluoride, Alkalinity, TSS, TDS, TS, Sulfate  
 \*4 - Nutrients = COD, TOC, Phenols, Ammonia Nitrogen, TKN

Relinquished By: _____	On Ice? Y N	Date	Time	Received by: _____	Date	Time
Relinquished By: _____	On Ice? Y N	Date	Time	Received by: _____	Date	Time
Samples Shipped VIA: <input type="checkbox"/> Air Freight <input type="checkbox"/> Federal Express <input type="checkbox"/> Sampler <input type="checkbox"/> Other _____				Air Bill Number: _____		

Distribution: White-Original Accompanies Shipment to Lab; Yellow - Field Copy; Pink - Lab Coordinator

Figure 3

CHAIN OF CUSTODY  
 Quality Assurance Project Plan  
 SSI/RI Work Plan, SOCs 4 and 5  
 UMore Mining Area  
 Dakota County, MN