Tables

Table 1
Acronyms and Notes for Tables
Focused Site Inspection
Former Gopher Ordnace Works, Rosemount, MN

ACRONYMS	
DBCP	1,2-Dibromo-3-chloropropane
EDB	1,2-Dibromoethane
ID	Identification Number
MEK	2-Butanone
mg/kg	milligrams per kilogram
mg/L	milligrams per Liter
PAH	Polyaromatic hydrocarbons
PCB	Polychlorinated Biphenols
SVOC	Semi-Volatile Organic Compounds
TPH	Total Petroleum Hydrocarbons
ug/kg	micrograms per kilogram
ug/L	micrograms per Liter
VOCs	Volatile Organic Compounds
	Blank Space = Not Analyzed for that paramete

SCREENING CRITERIA	
BaP	Regulatory limit expressed as benzo(a)pyrene equivalence.
HBV	Health Based Value
HRL	Health Risk Limit
LHA	Lifetime Health Advisory
MCL	Maximum Contaminant Level
NA	Not Available
SLV	Soil Leaching Value
SQT	Sediment Quality Target
SRV	Soil Reference Value
T	Regulatory limit expressed as total of isomers (or TPH in the case of GRO and DRO).

DATA FLAGS

Data Flags - Laboratory

U - undetected at the limit of detection
J - estimated
B - blank contamination above the method detection limit
Q - One or more quality control criteria failed
E - estimated because value is above linear calibration range
K - the reported benzo(b)fluoranthene may consist of both benzo(b)fluoranthene and benzo(k)fluoranthene

In some cases multiple flags of the same type (e.g. J Q J) indicate the value was qualified as estimate for two different reasons (e.g. below RL and a QC issue such as low LCS recovery).

Data flags - Reviewer (lower case used to distinguish from laboratory flags)
u - Undetected due to presence of analyte in method blank - concentrations in samples not significantly different from background
j - estimated

Reruns are also shown along with orignal results - in some cases analytes were detected in one run but not the other. Reruns are designated "RE" at the end of the lab sample number.

440 bold and highlighting indicates value meets or exceeds one or more screening criteria (except total chromium values that only exceed the Cr(VI) limit are not highlighted.)
NOTE: bold and highlighting of text is based upon Bay West response to SAP and does not reflect the current evaluation of the data by the Omaha District

DUPLICATE RPDs

Field duplicate RPDs were not specified in the QAPP, so general values of 50% for soils and 25% for waters were used based on the MPCA Laboratory Data Checklist
Generally high RPDs were not qualified for values that were below the reporting limits. Exceptions were made in cases where one value was < RL and one was >RL
and the difference was large (i.e. if the RL was substituted for the lower value and it still resulted in a high RPD).
Due to the large number of acceptable RPD results for all parameters, RPD results that were outside criteria were only used to qualify the parent samples, not other samples in the gro

Table 2
AOC1-Northern Section
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC1N-SS-GP1(0-6INCHES)		FGOW-AOC1N-S-GP1(2-4FT)		FGOW-AOC1N-S-GP1(8-10FT)		FGOW-AOC1N-SS-GP1(0-6INCHES)		FGOW-AOC1N-S-GP1(2-4FT)	FGOW-AOC1N-S-GP1(8-10FT)	FGOW-AOC1N-SS-SS1(0-6INCHES)		FGOW-AOC1N-SS-SS(0-6INCHES) DUP	
Lab Sample ID:			**Screening Criteria**		D7I200237002		D7I200237001		D7I200237003		D7I200237012		D7I200237011	D7I200237013	D7I290189001		D7I290189002	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID	SOLID	SOLID		SOLID	
Sample Date:					9/18/2007		9/18/2007		9/18/2007		9/18/2007		9/18/2007	9/18/2007	9/27/2007		9/27/2007	
Analyte:	CAS Number	Units																
Explosives																		
2,4-Dinitrotoluene	121-14-2	mg/kg	50	0.001	<0.25		<0.25		<0.25						**0.55**		**0.4**	
2,6-Dinitrotoluene	606-20-2	mg/kg	25	0.001	<0.25		<0.25		<0.25						**0.12**	J J	<0.25	
Metals																		
Arsenic	7440-38-2	mg/kg	5	15.1	**8.3**		4		1.1	J					3.7		2.7	J
Barium	7440-39-3	mg/kg	1200	842	190		72		16						58		50	
Cadmium	7440-43-9	mg/kg	25	4.4	<0.67		<0.60		<0.53						0.14	J	0.11	J
Chromium	7440-47-3	mg/kg	44000/87	1000000/18	25		12	J	8.2						19		19	
Lead	7439-92-1	mg/kg	300	525	27		5.5	J	1.5	J					78		67	
Mercury	7439-97-6	mg/kg	500	1600	0.52		<0.040		<0.035						11	J	4.2	
Selenium	7782-49-2	mg/kg	160	1.5	<4.0		<3.6		<3.2						<4.2		<3.7	
Silver	7440-22-4	mg/kg	160	3.9	<2.0		<1.8		<1.6						<2.1		<1.8	
SVOCs																		
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<440		<400		<350						<550000		<460000	
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<440		<400		<350						<550000		<460000	
1,2-Diphenylhydrazine	122-66-7	ug/kg			<440		<400		<350						<550000		<460000	
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<440		<400		<350						<550000		<460000	
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<440		<400		<350						<550000		<460000	
2,4,5-Trichlorophenol	95-95-4	ug/kg	1920000		<440		<400		<350						<550000		<460000	
2,4,6-Trichlorophenol	88-06-2	ug/kg	595000	210	<440		<400		<350						<550000		<460000	
2,4-Dichlorophenol	120-83-2	ug/kg	48000	76	<440		<400		<350						<550000		<460000	
2,4-Dimethylphenol	105-67-9	ug/kg	390000	340	<440		<400		<350						<550000		<460000	
2,4-Dinitrophenol	51-28-5	ug/kg		14	<2200		<1900		<1700						<2700000		<2200000	
2,4-Dinitrotoluene	121-14-2	ug/kg	50000	1	<440		<400		<350						<550000		<460000	
2,6-Dichlorophenol	87-65-0	ug/kg			<440		<400		<350						<550000		<460000	
2,6-Dinitrotoluene	606-20-2	ug/kg	25000	1	<440		<400		<350						<550000		<460000	
2-Chloronaphthalene	91-58-7	ug/kg			<440		<400		<350						<550000		<460000	
2-Chlorophenol	95-57-8	ug/kg		260	<440		<400		<350						<550000		<460000	
2-Methylnaphthalene	91-57-6	ug/kg	100000		<440		<400		<350						<550000		<460000	
2-Methylphenol	95-48-7	ug/kg	75000	64	<440		<400		<350						<550000		<460000	
2-Nitroaniline	88-74-4	ug/kg			<2200		<1900		<1700						<2700000		<2200000	
2-Nitrophenol	88-75-5	ug/kg			<440		<400		<350						<550000		<460000	
3,3-Dichlorobenzidine	91-94-1	ug/kg	25000	360	<2200		<1900		<1700						<2700000		<2200000	
3-Methylphenol & 4-Methylphenol	65794-96-9	ug/kg			<440		<400		<350						<550000		<460000	
3-Nitroaniline	99-09-2	ug/kg			<2200		<1900		<1700						<2700000		<2200000	
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg			<2200		<1900		<1700						<2700000		<2200000	
4-Bromophenyl phenyl ether	101-55-3	ug/kg			<440		<400		<350						<550000		<460000	
4-Chloro-3-methylphenol	59-50-7	ug/kg			<440		<400		<350						<550000		<460000	
4-Chloroaniline	106-47-8	ug/kg			<440		<400		<350						<550000		<460000	
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg			<440		<400		<350						<550000		<460000	
4-Nitroaniline	100-01-6	ug/kg			<2200		<1900		<1700						<2700000		<2200000	
4-Nitrophenol	100-02-7	ug/kg			<2200		<1900		<1700						<2700000		<2200000	
Acenaphthene	83-32-9	ug/kg	1200000	50000	<440		<400		<350						<550000		<460000	
Acenaphthylene	208-96-8	ug/kg			<440		<400		<350						<550000		<460000	
Anthracene	120-12-7	ug/kg	7880000	942000	<440		<400		<350						<550000		<460000	
Benzidine	92-87-5	ug/kg			<5400		<4800		<4200						<6600000		<5500000	
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP	<440		<400		<350						<550000		<460000	

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Lab Sample ID:			**Screening Criteria**		D7I200237002		D7I200237001		D7I200237003		D7I200237012		D7I200237011	D7I200237013	D7I290189001		D7I290189002	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID	SOLID	SOLID		SOLID	
Sample Date:					9/18/2007		9/18/2007		9/18/2007		9/18/2007		9/18/2007	9/18/2007	9/27/2007		9/27/2007	
Analyte:	CAS Number	Units																
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200	<440		<400		<350						<550000		<460000	
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP	<440		<400		<350						<550000		<460000	
Benzo(ghi)perylene	191-24-2	ug/kg			<440		<400		<350						<550000		<460000	
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP	<440		<400		<350						<550000		<460000	
Benzoic acid	65-85-0	ug/kg	50000000	30000	<2200		<1900		<1700						<2700000		<2200000	
Benzyl alcohol	100-51-6	ug/kg	8700000		<440		<400		<350						<550000		<460000	
bis(2-Chloroethoxy)methane	111-91-1	ug/kg			<440		<400		<350						<550000		<460000	
bis(2-Chloroethyl) ether	111-44-4	ug/kg	2500	1	<440		<400		<350						<550000		<460000	
bis(2-Chloroisopropyl) ether	108-60-1	ug/kg		670	<440		<400		<350						<550000		<460000	
bis(2-Ethylhexyl) phthalate	117-81-7	ug/kg	570000	40000	94	J	<400		86	J					<550000		<460000	
Butyl benzyl phthalate	85-68-7	ug/kg	580000	28000	<440		<400		<350						<550000		<460000	
Carbazole	86-74-8	ug/kg	700000		<440		<400		<350						<550000		<460000	
Chrysene	218-01-9	ug/kg	BaP	BaP	<440		<400		<350						<550000		<460000	
Di-n-butyl phthalate	84-74-2	ug/kg	2440000	23000	460		<400		<350						<550000		<460000	
Di-n-octyl phthalate	117-84-0	ug/kg	520000		<440		<400		<350						<550000		<460000	
Dibenz(a,h)anthracene	53-70-3	ug/kg	BaP	BaP	<440		<400		<350						<550000		<460000	
Dibenzofuran	132-64-9	ug/kg	104000		<440		<400		<350						<550000		<460000	
Diethyl phthalate	84-66-2	ug/kg		18000	<890		<800		<700						<1100000		<920000	
Dimethyl phthalate	131-11-3	ug/kg		172000	<440		<400		<350						<550000		<460000	
Fluoranthene	206-44-0	ug/kg	1080000	295000	<440		<400		<350						<550000		<460000	
Fluorene	86-73-7	ug/kg	850000	47000	<440		<400		<350						<550000		<460000	
Hexachlorobenzene	118-74-1	ug/kg	5000	320	<440		<400		<350						<550000		<460000	
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<440		<400		<350						<550000		<460000	
Hexachloroethane	67-72-1	ug/kg		50	<440		<400		<350						<550000		<460000	
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg			<440		<400		<350						<550000		<460000	
Isophorone	78-59-1	ug/kg		160	<440		<400		<350						<550000		<460000	
N-Nitrosodi-n-propylamine	621-64-7	ug/kg	700		<440		<400		<350						<550000		<460000	
N-Nitrosodimethylamine	62-75-9	ug/kg		820	<700		<630		<550						<860000		<720000	
N-Nitrosodiphenylamine	86-30-6	ug/kg	1950000	880	<440		<400		<350						<550000		<460000	
N-Nitrosopyrrolidine	930-55-2	ug/kg			<440		<400		<350						<550000		<460000	
Naphthalene	91-20-3	ug/kg	10000	7500	<440		<400		<350						<550000		<460000	
Nitrobenzene	98-95-3	ug/kg			<440		<400		<350						<550000		<460000	
Pentachlorophenol	87-86-5	ug/kg	6000	34	<2200		<1900		<1700						<2700000		<2200000	
Phenanthrene	85-01-8	ug/kg			<440		<400		<350						<550000		<460000	
Phenol	108-95-2	ug/kg	1100000	7800	<440		<400		<350						<550000		<460000	
Pyrene	129-00-0	ug/kg	890000	272000	<540		<480		<420						<660000		<550000	
VOCs																		
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	31000	1400	<8.9		<5.5		<5.1						<7.3		<7.1	
1,1,1-Trichloroethane	71-55-6	ug/kg	140000	3500	<8.9		<5.5		<5.1						<7.3		<7.1	
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	3500	5	<8.9		<5.5		<5.1						<7.3		<7.1	
1,1,2-Trichloroethane	79-00-5	ug/kg	9000	10	<8.9		<5.5		<5.1						<7.3		<7.1	
1,1-Dichloroethane	75-34-3	ug/kg	34000	180	<8.9		<5.5		<5.1						<7.3		<7.1	
1,1-Dichloroethene	75-35-4	ug/kg	20000	25	<8.9		<5.5		<5.1						<7.3		<7.1	
1,1-Dichloropropene	563-58-6	ug/kg			<8.9		<5.5		<5.1						<7.3		<7.1	
1,2,3-Trichlorobenzene	87-61-6	ug/kg			<8.9		<5.5		<5.1						3.2	J Q J	<7.1	
1,2,3-Trichloropropane	96-18-4	ug/kg		350	<8.9		<5.5		<5.1						<7.3		<7.1	
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<8.9		<5.5		<5.1						2.4	J Q J	<7.1	
1,2,4-Trimethylbenzene	95-63-6	ug/kg	8000		1.3	J	<5.5		0.74	J					1.1	J Q J	<7.1	

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Field Sample ID:					FGOW-AOC1N-SS-GP1(0-6INCHES)		FGOW-AOC1N-S-GP1(2-4FT)		FGOW-AOC1N-S-GP1(8-10FT)		FGOW-AOC1N-SS-GP1(0-6INCHES)		FGOW-AOC1N-S-GP1(2-4FT)	FGOW-AOC1N-S-GP1(8-10FT)	FGOW-AOC1N-SS-SS1(0-6INCHES)		FGOW-AOC1N-SS-SS(0-6INCHES) DUP	
Lab Sample ID:			**Screening Criteria**		D7I200237002		D7I200237001		D7I200237003		D7I200237012		D7I200237011	D7I200237013	D7I290189001		D7I290189002	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID	SOLID	SOLID		SOLID	
Sample Date:					9/18/2007		9/18/2007		9/18/2007		9/18/2007		9/18/2007	9/18/2007	9/27/2007		9/27/2007	
Analyte:	CAS Number	Units																
DBPC	96-12-8	ug/kg		1	<18		<11		<10						<15		<14	
EDB	106-93-4	ug/kg	300	0.01	<8.9		<5.5		<5.1						<7.3		<7.1	
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<8.9		<5.5		<5.1						0.82	J Q J	<7.1	
1,2-Dichloroethane	107-06-2	ug/kg	4000	10	<8.9		<5.5		<5.1						<7.3		<7.1	
1,2-Dichloropropane	78-87-5	ug/kg	4000	11	<8.9		<5.5		<5.1						<7.3		<7.1	
1,3,5-Trimethylbenzene	108-67-8	ug/kg	3000		<8.9		<5.5		<5.1						<7.3		<7.1	
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<8.9		<5.5		<5.1						<7.3		<7.1	
1,3-Dichloropropane	142-28-9	ug/kg			<8.9		<5.5		<5.1						<7.3		<7.1	
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<8.9		<5.5		<5.1						<7.3		<7.1	
2,2-Dichloropropane	594-20-7	ug/kg			<8.9		<5.5		<5.1						<7.3		<7.1	
MEK	78-93-3	ug/kg	5500000	6400	<36		<22		<20						4.4	J Q J	<29	
2-Chlorotoluene	95-49-8	ug/kg	436000		<8.9		<5.5		<5.1						<7.3		<7.1	
2-Hexanone	591-78-6	ug/kg			<36		<22		<20						<29		<29	
4-Chlorotoluene	106-43-4	ug/kg			<8.9		<5.5		<5.1						<7.3		<7.1	
4-Methyl-2-pentanone	108-10-1	ug/kg	1700000	420	<36		<22		<20						<29		<29	
Acetone	67-64-1	ug/kg	340000	700	<36		<22		6.2	J					9.1	J Q J	<29	
Benzene	71-43-2	ug/kg	6000	34	<8.9		<5.5		<5.1						<7.3		<7.1	
Bromobenzene	108-86-1	ug/kg			<8.9		<5.5		<5.1						<7.3		<7.1	
Bromochloromethane	74-97-5	ug/kg		150	<8.9		<5.5		<5.1						<7.3		<7.1	
Bromodichloromethane	75-27-4	ug/kg	10000	13	<8.9		<5.5		<5.1						<7.3		<7.1	
Bromoform	75-25-2	ug/kg	370000	140	<8.9		<5.5		<5.1						<7.3		<7.1	
Bromomethane	74-83-9	ug/kg	700	500	<18		<11		<10						<15		<14	
Carbon disulfide	75-15-0	ug/kg	65000	2800	<8.9		<5.5		<5.1						<7.3		<7.1	
Carbon tetrachloride	56-23-5	ug/kg	300	23	<8.9		<5.5		<5.1						<7.3		<7.1	
Chlorobenzene	108-90-7	ug/kg	11000	1100	<8.9		<5.5		<5.1						<7.3		<7.1	
Chloroethane	75-00-3	ug/kg	1000000		<18		<11		<10						<15		<14	
Chloroform	67-66-3	ug/kg	2500	170	<18		<11		<10						<15		<14	
Chloromethane	74-87-3	ug/kg	8000	6	<18		<11		<10						<15		<14	
cis-1,2-Dichloroethene	156-59-2	ug/kg	8000	140	<4.4		<2.7		<2.5						<3.7		<3.6	
cis-1,3-Dichloropropene	10061-01-5	ug/kg		5.00 T	<8.9		<5.5		<5.1						<7.3		<7.1	
Dibromochloromethane	124-48-1	ug/kg	12000	30	<8.9		<5.5		<5.1						<7.3		<7.1	
Dibromomethane	74-95-3	ug/kg	260000		<8.9		<5.5		<5.1						<7.3		<7.1	
Dichlorodifluoromethane	75-71-8	ug/kg	16000	38000	<18		<11		<10						<15		<14	
Ethylbenzene	100-41-4	ug/kg	200000	4700	<8.9		<5.5		<5.1						<7.3		<7.1	
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<8.9		<5.5		<5.1						<7.3		<7.1	
Isopropylbenzene	98-82-8	ug/kg	30000	18000	<8.9		<5.5		<5.1						<7.3		<7.1	
m-Xylene & p-Xylene	136777-61-2	ug/kg	45000 T	45000 T	<4.4		<2.7		<2.5						<3.7		<3.6	
Methyl tert-butyl ether	1634-04-4	ug/kg		27	<36		<22		<20						<29		<29	
Methylene chloride	75-09-2	ug/kg	97000	68	1.6	J B	0.94	J B	0.97	J B					1.7	J B Q J	1.7	J B Q J
n-Butylbenzene	104-51-8	ug/kg	30000		<8.9		<5.5		<5.1						<7.3		<7.1	
n-Propylbenzene	103-65-1	ug/kg	30000		<8.9		<5.5		<5.1						<7.3		<7.1	
Naphthalene	91-20-3	ug/kg	10000	7500	4	J B	1.7	J B	1.3	J B					5.6	J Q J	2.3	J Q J
o-Xylene	95-47-6	ug/kg	45000 T	45000 T	<4.4		<2.7		<2.5						<3.7		<3.6	
p-Isopropyltoluene	99-87-6	ug/kg			3.2	J	<5.5		<5.1						<7.3		<7.1	
sec-Butylbenzene	135-98-8	ug/kg	25000		<8.9		<5.5		<5.1						<7.3		<7.1	
Styrene	100-42-5	ug/kg	210000	1900	<8.9		<5.5		<5.1						<7.3		<7.1	
tert-Butylbenzene	98-06-6	ug/kg	30000		<8.9		<5.5		<5.1						<7.3		<7.1	
Tetrachloroethene	127-18-4	ug/kg	72000	68	<8.9		<5.5		<5.1						<7.3		<7.1	
Toluene	108-88-3	ug/kg	107000	6400	<8.9		<5.5		<5.1						1	J Q J	<7.1	

Table 2
AOC1-Northern Section
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC1N-SS-GP1(0-6INCHES)		FGOW-AOC1N-S-GP1(2-4FT)		FGOW-AOC1N-S-GP1(8-10FT)		FGOW-AOC1N-SS-GP1(0-6INCHES)		FGOW-AOC1N-S-GP1(2-4FT)	FGOW-AOC1N-S-GP1(8-10FT)	FGOW-AOC1N-SS-SS1(0-6INCHES)		FGOW-AOC1N-SS-SS(0-6INCHES) DUP	
Lab Sample ID:			**Screening Criteria**		D7I200237002		D7I200237001		D7I200237003		D7I200237012		D7I200237011	D7I200237013	D7I290189001		D7I290189002	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID	SOLID	SOLID		SOLID	
Sample Date:					9/18/2007		9/18/2007		9/18/2007		9/18/2007		9/18/2007	9/18/2007	9/27/2007		9/27/2007	
Analyte:	CAS Number	Units																
trans-1,2-Dichloroethene	156-60-5	ug/kg	11000	270	<4.4		<2.7		<2.5						<3.7		<3.6	
trans-1,3-Dichloropropene	10061-02-6	ug/kg		5.00 T	<8.9		<5.5		<5.1						<7.3		<7.1	
Trichloroethene	79-01-6	ug/kg	29000	140	<8.9		<5.5		<5.1						<7.3		<7.1	
Trichlorofluoromethane	75-69-4	ug/kg	67000	22000	<18		<11		<10						<15		<14	
Vinyl chloride	75-01-4	ug/kg	800	1	<8.9		<5.5		<5.1						<7.3		<7.1	
Other																		
Nitrocellulose	9004-70-0	mg/kg									2500	q	<5.6	9.7	18000	J q	16000	J q
Percent Moisture					26		17		5.6		23		11	4	28		19	

Table 3
AOC1-Middle Section
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC1M-SS-GP1(0-6INCHES)		FGOW-AOC1M-S-GP1(2-4FT)		FGOW-AOC1M-S-GP1(2-4FT)		FGOW-AOC1M-S-GP1(8-10FT)		FGOW-AOC1M-SS-GP2(0-6INCHES)		FGOW-AOC1M-S-GP2(2-4FT)		FGOW-AOC1M-S-GP2(2-4FT)		FGOW-AOC1M-S-GP2(8-10FT)		FGOW-AOC1M-SS-GP3(0-6INCHES)		FGOW-AOC1M-S-GP3(2-4FT)		FGOW-AOC1M-S-GP3(8-10FT)		FGOW-AOC1M-SS-SS1(0-6INCHES)		FGOW-AOC1M-SS-SS3(0-6INCHES)		FGOW-AOC1M-SS-SS2(0-6INCHES)	
Lab Sample ID:			**Screening Criteria**		D7I290189006		D7I220193001		D7I220193001-RE2		D7I220193002		D7I290189007		D7I220193006		D7I220193006-RE2		D7I220193007		D7I290189008		D7I220193010		D7I220193010-RE2		D7I220193011		D7I290189003		D7I290189005		D7I290189004	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					9/27/2008		9/19/2007		9/19/2007		9/19/2007		9/27/2008		9/20/2007		9/20/2007		9/20/2007		9/27/2007		9/21/2007		9/21/2007		9/21/2007		9/27/2007		9/27/2007		9/27/2007	
Analyte:	CAS Number	Units																																
Explosives																																		
2,4-Dinitrotoluene	121-14-2	mg/kg	50	0.001	**0.16**	J	**0.32**				<0.25		<0.25		1.4				0.23	J	<0.25		0.47				<0.25		<0.25		<0.25		0.46	
2,6-Dinitrotoluene	606-20-2	mg/kg	25	0.001	<0.25		<0.25				<0.25		<0.25		<0.25				<0.25		<0.25		<0.25				<0.25		<0.25		<0.25		<0.25	
Metals																																		
Arsenic	7440-38-2	mg/kg	5	15.1	**7.6**		**8.2**				1.8	J	5		**5.2**				**6.7**		**5.4**		**6.9**				1.4	J	3.8		4.5		4.7	
Barium	7440-39-3	mg/kg	1200	842	190		270				110		120		290				42		160		230				35		81		89		85	
Cadmium	7440-43-9	mg/kg	25	4.4	0.11	J	<0.73				<0.61		0.19	J	<0.65				<0.53		0.13	J	<0.66				<0.53		<0.60		<0.62		0.06	J
Chromium	7440-47-3	mg/kg	44000/87	100000/18	29		25				19		16		18				12		19		19				9.1		13		13		20	
Lead	7439-92-1	mg/kg	300	525	38		19				8.1	J	13		10	J			2.5	J	22		13				1.6	J	6.9	J	7.6	J	39	
Mercury	7439-97-6	mg/kg	500	1600	1.9		0.17				0.012	J	0.34		0.11				0.026	J	0.86		0.043				<0.035		0.025	J	0.021	J	4.9	
Selenium	7782-49-2	mg/kg	160	1.5	<4.1		<4.4				<3.6		<4.3		<3.9				<3.2		<3.8		<4.0				<3.2		<3.6		<3.8		<4.1	
Silver	7440-22-4	mg/kg	160	3.9	<2.0		<2.2				<1.8		<2.2		<2.0				<1.6		<1.9		<2.0				<1.6		<1.8		<1.9		<2.1	
SVOCs																																		
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
1,2-Diphenylhydrazine	122-66-7	ug/kg			<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
2,4,5-Trichlorophenol	95-95-4	ug/kg	1920000		<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
2,4,6-Trichlorophenol	88-06-2	ug/kg	595000	210	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
2,4-Dichlorophenol	120-83-2	ug/kg	48000	76	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
2,4-Dimethylphenol	105-67-9	ug/kg	390000	340	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
2,4-Dinitrophenol	51-28-5	ug/kg		14	<2200		<2300				<1900		<2300		<2100				<1700		<2000		<2100				<1700		<1900		<2000		<8800	
2,4-Dinitrotoluene	121-14-2	ug/kg	50000	1	<450		**63**	J			<400		<470		380	J			<350		<420		**97**	J			<350		<390		<410		**190**	J
2,6-Dichlorophenol	87-65-0	ug/kg			<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
2,6-Dinitrotoluene	606-20-2	ug/kg	25000	1	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
2-Chloronaphthalene	91-58-7	ug/kg			<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
2-Chlorophenol	95-57-8	ug/kg		260	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
2-Methylnaphthalene	91-57-6	ug/kg	100000		<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
2-Methylphenol	95-48-7	ug/kg	75000	64	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
2-Nitroaniline	88-74-4	ug/kg			<2200		<2300				<1900		<2300		<2100				<1700		<2000		<2100				<1700		<1900		<2000		<8800	
2-Nitrophenol	88-75-5	ug/kg			<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
3,3-Dichlorobenzidine	91-94-1	ug/kg	25000	360	<2200		<2300				<1900		<2300		<2100				<1700		<2000		<2100				<1700		<1900		<2000		<8800	
3-Methylphenol & 4-Methylphenol	65794-96-9	ug/kg			<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
3-Nitroaniline	99-09-2	ug/kg			<2200		<2300				<1900		<2300		<2100				<1700		<2000		<2100				<1700		<1900		<2000		<8800	
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg			<2200		<2300				<1900		<2300		<2100				<1700		<2000		<2100				<1700		<1900		<2000		<8800	
4-Bromophenyl phenyl ether	101-55-3	ug/kg			<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
4-Chloro-3-methylphenol	59-50-7	ug/kg			<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
4-Chloroaniline	106-47-8	ug/kg			<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg			<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
4-Nitroaniline	100-01-6	ug/kg			<2200		<2300				<1900		<2300		<2100				<1700		<2000		<2100				<1700		<1900		<2000		<8800	
4-Nitrophenol	100-02-7	ug/kg			<2200		<2300				<1900		<2300		<2100				<1700		<2000		<2100				<1700		<1900		<2000		<8800	
Acenaphthene	83-32-9	ug/kg	1200000	50000	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Acenaphthylene	208-96-8	ug/kg			<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Anthracene	120-12-7	ug/kg	7880000	942000	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Benzidine	92-87-5	ug/kg			<5500		<5900				<4900		<5800		<5200				<4200		<5100		<5300				<4200		<4800		<5000		<22000	
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP	87	J J	<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Benzo(ghi)perylene	191-24-2	ug/kg			<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP	<450		<480				<400		260	J	<430				<350		<420		<430				<350		<390		230	J J	<1800	
Benzoic acid	65-85-0	ug/kg	50000000	30000	550	J J	<2300				<1900		550	J	<2100				<1700		460	J	<2100				<1700		<1900	J J	660	J J	<8800	
Benzyl alcohol	100-51-6	ug/kg	8700000		<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
bis(2-Chloroethoxy)methane	111-91-1	ug/kg			<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
bis(2-Chloroethyl) ether	111-44-4	ug/kg	2500	1	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
bis(2-Chloroisopropyl) ether	108-60-1	ug/kg		670	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
bis(2-Ethylhexyl) phthalate	117-81-7	ug/kg	570000	40000	440	J J	100	J B			78	J B	100	J	87	J B			85	J	90	J	88	J B			69	J B	390		85	J J	360	J
Butyl benzyl phthalate	85-68-7	ug/kg	580000	28000	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Carbazole	86-74-8	ug/kg	700000		<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Chrysene	218-01-9	ug/kg	BaP	BaP	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Di-n-butyl phthalate	84-74-2	ug/kg	2440000	23000	300	J J	95	J			<400		290	J	<430				<350		110	J	<430				<350		<390		<410		2900	
Di-n-octyl phthalate	117-84-0	ug/kg	520000		<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Dibenz(a,h)anthracene	53-70-3	ug/kg	BaP	BaP	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Dibenzofuran	132-64-9	ug/kg	104000		<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Diethyl phthalate	84-66-2	ug/kg		18000	<900		<970				<800		<950		<860				<690		<840		<870				<690		<790		<820		<3600	
Dimethyl phthalate	131-11-3	ug/kg		172000	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Fluoranthene	206-44-0	ug/kg	1080000	295000	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Fluorene	86-73-7	ug/kg	850000	47000	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Hexachlorobenzene	118-74-1	ug/kg	5000	320	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Hexachloroethane	67-72-1	ug/kg		50	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg			<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Isophorone	78-59-1	ug/kg		160	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
N-Nitrosodi-n-propylamine	621-64-7	ug/kg	700		<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
N-Nitrosodimethylamine	62-75-9	ug/kg		820	<710		<760				<630		<750		<680				<550		<660		<690				<550		<620		<650		<2900	
N-Nitrosodiphenylamine	86-30-6	ug/kg	1950000	880	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
N-Nitrosopyrrolidine	930-55-2	ug/kg			<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Naphthalene	91-20-3	ug/kg	10000	7500	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Nitrobenzene	98-95-3	ug/kg			<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Pentachlorophenol	87-86-5	ug/kg	6000	34	<2200		<2300				<1900		<2300		<2100				<1700		<2000		<2100				<1700		<1900		<2000		<8800	
Phenanthrene	85-01-8	ug/kg			110	J J	<480				<400		110	J	<430				<350		97	J	<430				<350		96	J J	100	J J	430	J
Phenol	108-95-2	ug/kg	1100000	7800	<450		<480				<400		<470		<430				<350		<420		<430				<350		<390		<410		<1800	
Pyrene	129-00-0	ug/kg	890000	272000	<550		<590				<490		<580		<520				<420		<510		<530				<420		<480		<500		<2200	
VOCs																																		
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	31000	1400	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
1,1,1-Trichloroethane	71-55-6	ug/kg	140000	3500	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	3500	5	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
1,1,2-Trichloroethane	79-00-5	ug/kg	9000	10	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
1,1-Dichloroethane	75-34-3	ug/kg	34000	180	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
1,1-Dichloroethene	75-35-4	ug/kg	20000	25	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
1,1-Dichloropropene	563-58-6	ug/kg			<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	

Table 3
AOC1-Middle Section
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC1M-SS-GP1(0-6INCHES)		FGOW-AOC1M-S-GP1(2-4FT)		FGOW-AOC1M-S-GP1(2-4FT)		FGOW-AOC1M-S-GP1(8-10FT)		FGOW-AOC1M-SS-GP2(0-6INCHES)		FGOW-AOC1M-S-GP2(2-4FT)		FGOW-AOC1M-S-GP2(2-4FT)		FGOW-AOC1M-S-GP2(8-10FT)		FGOW-AOC1M-SS-GP3(0-6INCHES)		FGOW-AOC1M-S-GP3(2-4FT)		FGOW-AOC1M-S-GP3(2-4FT)		FGOW-AOC1M-S-GP3(8-10FT)		FGOW-AOC1M-SS-SS1(0-6INCHES)		FGOW-AOC1M-SS-SS3(0-6INCHES)		FGOW-AOC1M-SS-SS2(0-6INCHES)	
Lab Sample ID:			**Screening Criteria**		D7I290189006		D7I220193001		D7I220193001-RE2		D7I220193002		D7I290189007		D7I220193006		D7I220193006-RE2		D7I220193007		D7I290189008		D7I220193010		D7I220193010-RE2		D7I220193011		D7I290189003		D7I290189005		D7I290189004	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					9/27/2008		9/19/2007		9/19/2007		9/19/2007		9/27/2008		9/20/2007		9/20/2007		9/20/2007		9/27/2007		9/21/2007		9/21/2007		9/21/2007		9/27/2007		9/27/2007		9/27/2007	
Analyte:	CAS Number	Units																																
1,2,3-Trichlorobenzene	87-61-6	ug/kg			<7.2		<7.6		2.1	J Q J	<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
1,2,3-Trichloropropane	96-18-4	ug/kg		350	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<7.2		<7.6		1.6	J Q J	<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
1,2,4-Trimethylbenzene	95-63-6	ug/kg	8000		<7.2		1.1	J Q J	1.9	J Q J	<5.2		<6.5		2	J Q J	<9.3		<6.1		<5.9		1.4	J Q J	<7.4		<4.8		<6.3		<5.5		<6.8	
DBCP	96-12-8	ug/kg		1	<14		<15		<16		<10		<13		<17		<19		<12		<12		<18		<15		<9.7		<13		<11		<14	
EDB	106-93-4	ug/kg	300	0.01	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<7.2		1.4	J Q J	1	J Q J	<5.2		<6.5		<8.3		0.88	J Q J	<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
1,2-Dichloroethane	107-06-2	ug/kg	4000	10	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
1,2-Dichloropropane	78-87-5	ug/kg	4000	11	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
1,3,5-Trimethylbenzene	108-67-8	ug/kg	3000		<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<7.2		<7.6		1.1	J Q J	<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
1,3-Dichloropropane	142-28-9	ug/kg			<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<7.2		1.4	J Q J	1.5	J Q J	<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
2,2-Dichloropropane	594-20-7	ug/kg			<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
MEK	78-93-3	ug/kg	5500000	6400	<29		<31		<32		<21		<26		<33		<37		2.8	J	<24		<37		<30		<19		<25		<22		<27	
2-Chlorotoluene	95-49-8	ug/kg	436000		<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
2-Hexanone	591-78-6	ug/kg			<29		<31		<32		<21		<26		<33		<37		<24		<24		<37		<30		<19		<25		<22		<27	
4-Chlorotoluene	106-43-4	ug/kg			<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
4-Methyl-2-pentanone	108-10-1	ug/kg	1700000	420	<29		<31		<32		<21		<26		<33		<37		<24		<24		<37		<30		<19		<25		<22		<27	
Acetone	67-64-1	ug/kg	340000	700	<29		<31		<32		<21		<26		<33		<37		12	J	<24		<37		<30		<19		<25		<22		<27	
Benzene	71-43-2	ug/kg	6000	34	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Bromobenzene	108-86-1	ug/kg			<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Bromochloromethane	74-97-5	ug/kg		150	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Bromodichloromethane	75-27-4	ug/kg	10000	13	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Bromoform	75-25-2	ug/kg	370000	140	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Bromomethane	74-83-9	ug/kg	700	500	<14		<15		<16		<10		<13		<17		<19		<12		<12		<18		<15		<9.7		<13		<11		<14	
Carbon disulfide	75-15-0	ug/kg	65000	2800	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Carbon tetrachloride	56-23-5	ug/kg	300	23	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Chlorobenzene	108-90-7	ug/kg	11000	1100	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Chloroethane	75-00-3	ug/kg	1000000		<14		<15		<16		<10		<13		<17		<19		<12		<12		<18		<15		<9.7		<13		<11		<14	
Chloroform	67-66-3	ug/kg	2500	170	<14		<15		<16		<10		<13		<17		<19		<12		<12		<18		<15		<9.7		<13		<11		<14	
Chloromethane	74-87-3	ug/kg	8000	6	<14		<15		<16		<10		<13		<17		<19		<12		<12		<18		<15		<9.7		<13		<11		<14	
cis-1,2-Dichloroethene	156-59-2	ug/kg	8000	140	<3.6		<3.8		<4.0		<2.6		<3.2		<4.1		<4.7		<3.0		<2.9		<4.6		<3.7		<2.4		<3.1		<2.8		<3.4	
cis-1,3-Dichloropropene	10061-01-5	ug/kg		5.00 T	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Dibromochloromethane	124-48-1	ug/kg	12000	30	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Dibromomethane	74-95-3	ug/kg	260000		<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Dichlorodifluoromethane	75-71-8	ug/kg	16000	38000	<14		<15		<16		<10		<13		<17		<19		<12		<12		<18		<15		<9.7		<13		<11		<14	
Ethylbenzene	100-41-4	ug/kg	200000	4700	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Isopropylbenzene	98-82-8	ug/kg	30000	18000	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
m-Xylene & p-Xylene	136777-61-2	ug/kg	45000 T	45000 T	<3.6		<3.8		<4.0		<2.6		<3.2		<4.1		<4.7		2.3	J	<2.9		<4.6		<3.7		<2.4		<3.1		<2.8		<3.4	
Methyl tert-butyl ether	1634-04-4	ug/kg		27	<29		<31		<32		<21		<26		<33		<37		<24		<24		<37		<30		<19		<25		<22		<27	
Methylene chloride	75-09-2	ug/kg	97000	68	1.8	J B Q J	1.9	J B Q J	1.8	J B J Q	1.3	J B	1.6	J B J	2.1	J B Q J	3.5	J B J Q	1.4	J B	1.3	J B	1.9	J B Q J	1.6	J B	1.1	J B	1.4	J B J	1.1	J B J	1.6	J B Q J
n-Butylbenzene	104-51-8	ug/kg	30000		<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
n-Propylbenzene	103-65-1	ug/kg	30000		<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Naphthalene	91-20-3	ug/kg	10000	7500	<7.2		1.8	J Q J	3.8	J Q J	0.9	J	<6.5		2.7	J Q J	<9.3		0.78	J	<5.9		1.5	J Q J	<7.4		<4.8		1.2	J J	0.8	J J	1.4	J Q J
o-Xylene	95-47-6	ug/kg	45000 T	45000 T	<3.6		<3.8		<4.0		<2.6		<3.2		<4.1		<4.7		<3.0		<2.9		<4.6		<3.7		<2.4		<3.1		<2.8		<3.4	
p-Isopropyltoluene	99-87-6	ug/kg			<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		2.2	J Q J
sec-Butylbenzene	135-98-8	ug/kg	25000		<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Styrene	100-42-5	ug/kg	210000	1900	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
tert-Butylbenzene	98-06-6	ug/kg	30000		<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Tetrachloroethene	127-18-4	ug/kg	72000	68	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Toluene	108-88-3	ug/kg	107000	6400	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
trans-1,2-Dichloroethene	156-60-5	ug/kg	11000	270	<3.6		<3.8		<4.0		<2.6		<3.2		<4.1		<4.7		<3.0		<2.9		<4.6		<3.7		<2.4		<3.1		<2.8		<3.4	
trans-1,3-Dichloropropene	10061-02-6	ug/kg		5.00 T	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Trichloroethene	79-01-6	ug/kg	29000	140	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Trichlorofluoromethane	75-69-4	ug/kg	67000	22000	<14		<15		<16		<10		<13		<17		<19		<12		<12		<18		<15		<9.7		<13		<11		<14	
Vinyl chloride	75-01-4	ug/kg	800	1	<7.2		<7.6		<8.1		<5.2		<6.5		<8.3		<9.3		<6.1		<5.9		<9.2		<7.4		<4.8		<6.3		<5.5		<6.8	
Other																																		
Nitrocellulose	9004-70-0	mg/kg			11000	J g	72		<6.1		350	J g	1500	g			5.9		430	J g	7.1				<5.3		6.3	J	5.2	B J u	4600	J g		
Percent Moisture					27		32				18		30		23				4.9		22		24				4.8		16		20		28			

Table 4
AOC1-Southern Section
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC1S-SS-GP1(0-6INCHES)		FGOW-AOC1S-SS-GP1(0-6INCHES) DUP		FGOW-AOC1S-S-GP1(2-4FT)		FGOW-AOC1S-SS-GP1(8-10FT)		FGOW-AOC1S-SS-GP2(0-6INCHES)		FGOW-AOC1S-S-GP2(2-4FT)		FGOW-AOC1S-S-GP2(8-10FT)		FGOW-AOC1S-S-GP2(8-10FT)	FGOW-AOC1S-SS-SS1(0-6INCHES)		FGOW-AOC1S-SS-SS2(0-6INCHES)		FGOW-AOC1S-SS-SS2(0-6INCHES)		FGOW-AOC1S-SS-SS3(0-6INCHES)		FGOW-AOC1S-SS-SS3(0-6INCHES)	
Lab Sample ID:			**Screening Criteria**		D7I290189009		D7I290189011		D7I260277001		D7I260277002		D7I290189010		D7I260277004		D7I260277005		D7I260277005-RE2	D7J060158001		D7J060158002		D7J060158002-RE2		D7J060158003		D7J060158003-RE2	
Sample Matrix:			Tier 1 SRVs	Tier 1 SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					9/28/2007		9/28/2007		9/24/2007		9/24/2007		9/28/2007		9/24/2007		9/24/2007		9/24/2007	10/4/2007		10/4/2007		10/4/2007		10/4/2007		10/4/2007	
Analyte:	CAS Number	Units																												
Explosives																														
2,4-Dinitrotoluene	121-14-2	mg/kg	50	0.001	<0.25		<0.25		<0.25		<0.25		<0.25		<0.25		<0.25			<0.25		<0.25				<0.25				
2,6-Dinitrotoluene	606-20-2	mg/kg	25	0.001	<0.25		<0.25		<0.25		<0.25		<0.25		<0.25		<0.25			<0.25		<0.25				<0.25				
Metals																														
Arsenic	7440-38-2	mg/kg	5	15.1	6.5		9		6.2		1.2	J	9.3		1.5	J	9.5			4.7		2.8	J			1.1	J			
Barium	7440-39-3	mg/kg	1200	842	230		260		220		130		240		160		120			120		89				32				
Cadmium	7440-43-9	mg/kg	25	4.4	0.18	J	0.11	J	0.81		0.63	J	0.18	J	0.38	J	0.78			<0.68		<0.63				<0.66				
Chromium	7440-47-3	mg/kg	44000/87	1000000/18	23		27		21		24		23		13		17			15		22				12				
Lead	7439-92-1	mg/kg	300	525	18		21		12	J	11	J	24		7.8	J	7.3	J		14		320				14				
Mercury	7439-97-6	mg/kg	500	1600	0.23		0.38		0.055		0.019	J	0.1		0.014	J	0.018	J		0.021	J	0.018	J			0.091				
Selenium	7782-49-2	mg/kg	160	1.5	<4.7		<6.0		<4.4		<3.9		<4.4		<3.7		<3.9			<4.1		<3.8				<4.0				
Silver	7440-22-4	mg/kg	160	3.9	<2.4		<3.0		<2.2		<1.9		<2.2		<1.8		<1.9			<2.1		<1.9				<2.0				
SVOCs																														
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
1,2-Diphenylhydrazine	122-66-7	ug/kg			<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
2,4,5-Trichlorophenol	95-95-4	ug/kg	1920000		<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
2,4,6-Trichlorophenol	88-06-2	ug/kg	595000	210	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
2,4-Dichlorophenol	120-83-2	ug/kg	48000	76	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
2,4-Dimethylphenol	105-67-9	ug/kg	390000	340	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
2,4-Dinitrophenol	51-28-5	ug/kg		14	<2500		<3200		<2300		<2100		<2400		<2000		<2100		<2100	<2200		<20000				<2100				
2,4-Dinitrotoluene	121-14-2	ug/kg	50000	1	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
2,6-Dichlorophenol	87-65-0	ug/kg			<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
2,6-Dinitrotoluene	606-20-2	ug/kg	25000	1	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
2-Chloronaphthalene	91-58-7	ug/kg			<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
2-Chlorophenol	95-57-8	ug/kg		260	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
2-Methylnaphthalene	91-57-6	ug/kg	100000		<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
2-Methylphenol	95-48-7	ug/kg	75000	64	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
2-Nitroaniline	88-74-4	ug/kg			<2500		<3200		<2300		<2100		<2400		<2000		<2100		<2100	<2200		<20000				<2100				
2-Nitrophenol	88-75-5	ug/kg			<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
3,3-Dichlorobenzidine	91-94-1	ug/kg	25000	360	<2500		<3200		<2300		<2100		<2400		<2000		<2100		<2100	<2200		<20000				<2100				
3-Methylphenol & 4-Methylphenol	65794-96-9	ug/kg			<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
3-Nitroaniline	99-09-2	ug/kg			<2500		<3200		<2300		<2100		<2400		<2000		<2100		<2100	<2200		<20000				<2100				
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg			<2500		<3200		<2300		<2100		<2400		<2000		<2100		<2100	<2200		<20000				<2100				
4-Bromophenyl phenyl ether	101-55-3	ug/kg			<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
4-Chloro-3-methylphenol	59-50-7	ug/kg			<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
4-Chloroaniline	106-47-8	ug/kg			<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg			<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
4-Nitroaniline	100-01-6	ug/kg			<2500		<3200		<2300		<2100		<2400		<2000		<2100		<2100	<2200		<20000				<2100				
4-Nitrophenol	100-02-7	ug/kg			<2500		<3200		<2300		<2100		<2400		<2000		<2100		<2100	<2200		<20000				<2100				
Acenaphthene	83-32-9	ug/kg	1200000	50000	<520		<660		<480		<430		<490		<400		<420		<420	<450		580	J			<440				
Acenaphthylene	208-96-8	ug/kg			<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
Anthracene	120-12-7	ug/kg	7880000	942000	<520		<660		<480		<430		<490		<400		<420		<420	<450		2000	J			<440				
Benzidine	92-87-5	ug/kg			<6300		<8000		<5800		<5200		<5900		<4900		<5100		<5100	<5500		<50000				<5300				
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP	<520		<660		<480		<430		<490		<400		<420		<420	<450		14000				50	J			
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200	<520		<660		<480		<430		<490		<400		<420		<420	<450		15000				48	J			
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP	<520		<660		<480		<430		<490		<400		<420		<420	<450		31000	K			81	J,K			
Benzo(ghi)perylene	191-24-2	ug/kg			<520		<660		<480		<430		<490		<400		<420		<420	<450		11000				<440				
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP	<520		<660		<480		<430		260	J	<400		<420		<420	<450		14000				<440				
Benzoic acid	65-85-0	ug/kg	50000000	30000	570	J,J	730	J	<2300		<2100		520	J	<2000		<2100		<2100	2200	Q	<20000				2300	Q			
Benzyl alcohol	100-51-6	ug/kg	8700000		<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
bis(2-Chloroethoxy)methane	111-91-1	ug/kg			<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
bis(2-Chloroethyl) ether	111-44-4	ug/kg	2500	1	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
bis(2-Chloroisopropyl) ether	108-60-1	ug/kg		670	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
bis(2-Ethylhexyl) phthalate	117-81-7	ug/kg	570000	40000	110	J,J	<660		140	J,B	89	J,B	100	J	73	J,B	91	J,B,J	<420	<450		<4200				64	J			
Butyl benzyl phthalate	85-68-7	ug/kg	580000	28000	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
Carbazole	86-74-8	ug/kg	700000		<520		<660		<480		<430		<490		<400		<420		<420	<450		2000	J			<440				
Chrysene	218-01-9	ug/kg	BaP	BaP	<520		<660		<480		<430		<490		<400		<420		<420	<450		18000				54	J			
Di-n-butyl phthalate	84-74-2	ug/kg	2440000	23000	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
Di-n-octyl phthalate	117-84-0	ug/kg	520000		<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
Dibenz(a,h)anthracene	53-70-3	ug/kg	BaP	BaP	<520		<660		<480		<430		<490		<400		<420		<420	<450		2300	J			<440				
Dibenzofuran	132-64-9	ug/kg	104000		<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
Diethyl phthalate	84-66-2	ug/kg		18000	<1000		<1300		<960		<850		<970		<810		<850		<850	<900		<8300				<870				
Dimethyl phthalate	131-11-3	ug/kg		172000	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
Fluoranthene	206-44-0	ug/kg	1080000	295000	<520		<660		<480		<430		<490		<400		<420		<420	<450		32000				69	J			
Fluorene	86-73-7	ug/kg	850000	47000	<520		<660		<480		<430		<490		<400		<420		<420	<450		580	J			<440				
Hexachlorobenzene	118-74-1	ug/kg	5000	320	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
Hexachloroethane	67-72-1	ug/kg		50	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg			<520		<660		<480		<430		<490		<400		<420		<420	<450		9800				<440				
Isophorone	78-59-1	ug/kg		160	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
N-Nitrosodi-n-propylamine	621-64-7	ug/kg	700		<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
N-Nitrosodimethylamine	62-75-9	ug/kg		820	<520		<1000		<760		<670		<760		<630		<670		<670	<710		<6500				<690				
N-Nitrosodiphenylamine	86-30-6	ug/kg	1950000	880	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
N-Nitrosopyrrolidine	930-55-2	ug/kg			<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
Naphthalene	91-20-3	ug/kg	10000	7500	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
Nitrobenzene	98-95-3	ug/kg			<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
Pentachlorophenol	87-86-5	ug/kg	6000	34	<2500		<3200		<2300		<2100		<2400		<2000		<2100		<2100	<2200		<20000				<2100				
Phenanthrene	85-01-8	ug/kg			120	J,J	<660		<480		<430		110	J	<400		<420		<420	<450		12000				<440				
Phenol	108-95-2	ug/kg	1100000	7800	<520		<660		<480		<430		<490		<400		<420		<420	<450		<4200				<440				
Pyrene	129-00-0	ug/kg	890000	272000	<630		<800		<580		<520		<590		<490		<510		<510	<550		26000				64	J			
VOCs																														
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	31000	1400	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6			<6.4		<6.4		<6.6		<6.4		<7.0		
1,1,1-Trichloroethane	71-55-6	ug/kg	140000	3500	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6			<6.4		<6.4		<6.6		<6.4		<7.0		
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	3500	5	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6			<6.4		<6.4		<6.6		<6.4		<7.0		

Table 4
AOC1-Southern Section
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC1S-SS-GP1(0-6INCHES)		FGOW-AOC1S-SS-GP1(0-6INCHES) DUP		FGOW-AOC1S-S-GP1(24FT)		FGOW-AOC1S-S-GP1(8-10FT)		FGOW-AOC1S-SS-GP2(0-6INCHES)		FGOW-AOC1S-S-GP2(24FT)		FGOW-AOC1S-S-GP2(8-10FT)		FGOW-AOC1S-S-GP2(8-10FT)		FGOW-AOC1S-SS-SS1(0-6INCHES)		FGOW-AOC1S-SS-SS2(0-6INCHES)		FGOW-AOC1S-SS-SS2(0-6INCHES)		FGOW-AOC1S-SS-SS3(0-6INCHES)		FGOW-AOC1S-SS-SS3(0-6INCHES)	
Lab Sample ID:			**Screening Criteria**		D7I290189009		D7I290189011		D7I260277001		D7I260277002		D7I290189010		D7I260277004		D7I260277005		D7I260277005-RE2		D7J060158001		D7J060158002		D7J060158002-RE2		D7J060158003		D7J060158003-RE2	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					9/28/2007		9/28/2007		9/24/2007		9/24/2007		9/28/2007		9/24/2007		9/24/2007		9/24/2007		10/4/2007		10/4/2007		10/4/2007		10/4/2007		10/4/2007	
Analyte:	CAS Number	Units																												
1,1,2-Trichloroethane	79-00-5	ug/kg	9000	10	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
1,1-Dichloroethane	75-34-3	ug/kg	34000	180	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
1,1-Dichloroethene	75-35-4	ug/kg	20000	25	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
1,1-Dichloropropene	563-58-6	ug/kg			<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
1,2,3-Trichlorobenzene	87-61-6	ug/kg			<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
1,2,3-Trichloropropane	96-18-4	ug/kg		350	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
1,2,4-Trimethylbenzene	95-63-6	ug/kg	8000		<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				1	J	0.88	J Q J	0.87	J Q J	1.1	J Q J	<7.0	
DBCP	96-12-8	ug/kg		1	<15		<19		<16		<12		<16		<12		<9.3				<13		<13		<13		<13		<14	
EDB	106-93-4	ug/kg	300	0.01	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
1,2-Dichloroethane	107-06-2	ug/kg	4000	10	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
1,2-Dichloropropane	78-87-5	ug/kg	4000	11	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
1,3,5-Trimethylbenzene	108-67-8	ug/kg	3000		<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
1,3-Dichloropropane	142-28-9	ug/kg			<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
2,2-Dichloropropane	594-20-7	ug/kg			<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
MEK	78-93-3	ug/kg	5500000	6400	<30		<38		33		11	J	<31		12	J	7.8	J			17	J	13	J Q J	6.7	J Q J	<26		<28	
2-Chlorotoluene	95-49-8	ug/kg	436000		<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
2-Hexanone	591-78-6	ug/kg			<30		<38		<31		<24		<31		<25		<19				<26		<25		<26		<26		<28	
4-Chlorotoluene	106-43-4	ug/kg			<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
4-Methyl-2-pentanone	108-10-1	ug/kg	1700000	420	<30		<38		<31		<24		<31		<25		<19				<26		<25		<26		<26		<28	
Acetone	67-64-1	ug/kg	340000	700	<30		<38		110		39		<31		36		30				170		60	Q J	30	Q J	<26		8.4	J Q J
Benzene	71-43-2	ug/kg	6000	34	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Bromobenzene	108-86-1	ug/kg			<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Bromochloromethane	74-97-5	ug/kg		150	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Bromodichloromethane	75-27-4	ug/kg	10000	13	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Bromoform	75-25-2	ug/kg	370000	140	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Bromomethane	74-83-9	ug/kg	700	500	<15		<19		<16		<12		<16		<12		<9.3				<13		<13		<13		<13		<14	
Carbon disulfide	75-15-0	ug/kg	65000	2800	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Carbon tetrachloride	56-23-5	ug/kg	300	23	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Chlorobenzene	108-90-7	ug/kg	11000	1100	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Chloroethane	75-00-3	ug/kg	1000000		<15		<19		<16		<12		<16		<12		<9.3				<13		<13		<13		<13		<14	
Chloroform	67-66-3	ug/kg	2500	170	<15		<19		<16		<12		<16		<12		<9.3				<13		<13		<13		<13		<14	
Chloromethane	74-87-3	ug/kg	8000	6	<15		<19		<16		<12		<16		<12		<9.3				<13		<13		<13		<13		<14	
cis-1,2-Dichloroethene	156-59-2	ug/kg	8000	140	<3.8		<4.8		<3.9		<3.0		<3.9		<3.1		<2.3				<3.2		<3.2		<3.3		<3.2		<3.5	
cis-1,3-Dichloropropene	10061-01-5	ug/kg		5.00 T	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Dibromochloromethane	124-48-1	ug/kg	12000	30	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Dibromomethane	74-95-3	ug/kg	260000		<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Dichlorodifluoromethane	75-71-8	ug/kg	16000	38000	<15		<19		<16		<12		<16		<12		<9.3				<13		<13		<13		<13		<14	
Ethylbenzene	100-41-4	ug/kg	200000	4700	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Isopropylbenzene	98-82-8	ug/kg	30000	18000	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
m-Xylene & p-Xylene	136777-61-2	ug/kg	45000 T	45000 T	<3.8		<4.8		<3.9		<3.0		<3.9		<3.1		<2.3				<3.2		<3.2		<3.3		<3.2		<3.5	
Methyl tert-butyl ether	1634-04-4	ug/kg		27	<30		<38		<31		<24		<31		<25		<19				<26		<25		<26		<26		<28	
Methylene chloride	75-09-2	ug/kg	97000	68	1.6	J B Q J	2.1	J B	1.5	J B	1.1	J B	1.9	J B Q J	1.2	J B	1	J B			1.6	J B	1.7	J B Q J	1.4	J B Q J	1.3	J B Q J	1.4	J B Q J
n-Butylbenzene	104-51-8	ug/kg	30000		<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
n-Propylbenzene	103-65-1	ug/kg	30000		<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Naphthalene	91-20-3	ug/kg	10000	7500	<7.5		<9.6		<7.8		<6.0		1.6	J Q J	<6.2		<4.6				2.3	J	2.4	J Q J	1.6	J Q J	1.8	J Q J	1.3	J Q J
o-Xylene	95-47-6	ug/kg	45000 T	45000 T	<3.8		<4.8		<3.9		<3.0		<3.9		<3.1		<2.3				<3.2		<3.2		<3.3		<3.2		<3.5	
p-Isopropyltoluene	99-87-6	ug/kg			<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		1	J Q J
sec-Butylbenzene	135-98-8	ug/kg	25000		<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Styrene	100-42-5	ug/kg	210000	1900	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
tert-Butylbenzene	98-06-6	ug/kg	30000		<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Tetrachloroethene	127-18-4	ug/kg	72000	68	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Toluene	108-88-3	ug/kg	107000	6400	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				1.2	J	<6.4		<6.6		<6.4		<7.0	
trans-1,2-Dichloroethene	156-60-5	ug/kg	11000	270	<3.8		<4.8		<3.9		<3.0		<3.9		<3.1		<2.3				<3.2		<3.2		<3.3		<3.2		<3.5	
trans-1,3-Dichloropropene	10061-02-6	ug/kg		5.00 T	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Trichloroethene	79-01-6	ug/kg	29000	140	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Trichlorofluoromethane	75-69-4	ug/kg	67000	22000	<15		<19		<16		<12		<16		<12		<9.3				<13		<13		<13		<13		<14	
Vinyl chloride	75-01-4	ug/kg	800	1	<7.5		<9.6		<7.8		<6.0		<7.8		<6.2		<4.6				<6.4		<6.4		<6.6		<6.4		<7.0	
Other																														
Nitrocellulose	9004-70-0	mg/kg			51	J	74	J	2	B	<6.5		13	J	<6.1		<6.4				12	J	1.7	B J u			3.7	B J u			
Percent Moisture					37		50		31		23		32		18		22				27		20				24			

Table 5
AOC1-All Sections
Groundwater Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC1N-W-GP1		FGOW-AOC1N-W-GP1 DUP		FGOW-AOC1N-W-GP1	FGOW-AOC1N-W-GP1 DUP	FGOW-AOC1M-W-GP1	FGOW-AOC1M-W-GP1		FGOW-AOC1M-W-GP2	FGOW-AOC1M-W-GP3		FGOW-AOC1M-W-GP3		FGOW-AOC1S-W-GP1	FGOW-AOC1S-W-GP1
Lab Sample ID:			Screening Criteria		D7I200237004		D7I200237005		D7I200237014	D7I200237015	D7I220193003	D7I220193003-RE2		D7I220193008	D7I220193012		D7I220193012-RE2		D7I260277003	D7I260277003-RE2
Sample Matrix:			Drinking Water Criterion	Drinking Water Basis	WATER		WATER		WATER	WATER	WATER	WATER		WATER	WATER		WATER		WATER	WATER
Sample Date:					9/18/2007		9/18/2007		9/18/2007	9/18/2007	9/19/2007	9/19/2007		9/20/2007	9/21/2007		9/21/2007		9/24/2007	9/24/2007
Analyte:	CAS Number	Units																		
Explosives																				
2,4-Dinitrotoluene	121-14-2	ug/L			0.26	J CHI	0.18	J			<0.40			<0.40	<0.40				<0.40	
2,6-Dinitrotoluene	606-20-2	ug/L			<0.40		<0.40				<0.40			<0.40	<0.40				<0.40	
Metals																				
Arsenic	7440-38-2	ug/L	10	MCL	<25		<25				<25			<25	<25				<25	
Barium	7440-39-3	ug/L	2000	HRL	33		33				30			63	71				63	
Cadmium	7440-43-9	ug/L	4	HRL	<5.0		<5.0				<5.0			<5.0	<5.0				<5.0	
Chromium	7440-47-3	ug/L	100	MCL	2.6	J	<15				<15			<15	<15				<15	
Lead	7439-92-1	ug/L	NA	NA	<15		<15				<15			<15	<15				<15	
Mercury	7439-97-6	ug/L	2	MCL	<0.20		<0.20				<0.20			<0.20	<0.20				<0.20	
Selenium	7782-49-2	ug/L	30	HRL	<22		<22				<22			<22	<22				<22	
Silver	7440-22-4	ug/L	30	HRL	<15		<15				<15			<15	<15				<15	
SVOCs																				
1,2,4-Trichlorobenzene	120-82-1	ug/L	70	MCL	<10		<10				<10	<10		<10	<10		<10		<10	<10
1,2-Dichlorobenzene	95-50-1	ug/L	600	HRL	<10		<10				<10	<10		<10	<10		<10		<10	<10
1,2-Diphenylhydrazine	122-66-7	ug/L			<10		<10				<10	<10		<10	<10		<10		<10	<10
1,3-Dichlorobenzene	541-73-1	ug/L	600	MCL	<10		<10				<10	<10		<10	<10		<10		<10	<10
1,4-Dichlorobenzene	106-46-7	ug/L	10	HRL	<10		<10				<10	<10		<10	<10		<10		<10	<10
2,4,5-Trichlorophenol	95-95-4	ug/L			<20		<20				<20	<20		<20	<20		<20		<20	<20
2,4,6-Trichlorophenol	88-06-2	ug/L	30	HRL	<20		<20				<20	<20		<20	<20		<20		<20	<20
2,4-Dichlorophenol	120-83-2	ug/L	20	HRL	<10		<10				<10	<10		<10	<10		<10		<10	<10
2,4-Dimethylphenol	105-67-9	ug/L	100	HRL	<10		<10				<10	<10		<10	<10		<10		<10	<10
2,4-Dinitrophenol	51-28-5	ug/L	10	HRL	<80		<80				<80	<80		<80	<80		<80		<80	<80
2,4-Dinitrotoluene	121-14-2	ug/L			<20		<20				<20	<20		<20	<20		<20		<20	<20
2,6-Dichlorophenol	87-65-0	ug/L			<10		<10				<10	<10		<10	<10		<10		<10	<10
2,6-Dinitrotoluene	606-20-2	ug/L			<20		<20				<20	<20		<20	<20		<20		<20	<20
2-Chloronaphthalene	91-58-7	ug/L			<10		<10				<10	<10		<10	<10		<10		<10	<10
2-Chlorophenol	95-57-8	ug/L	30	HRL	<10		<10				<10	<10		<10	<10		<10		<10	<10
2-Methylnaphthalene	91-57-6	ug/L			<10		<10				<10	<10		<10	<10		<10		<10	<10
2-Methylphenol	95-48-7	ug/L	30	HRL	<10		<10				<10	<10		<10	<10		<10		<10	<10
2-Nitroaniline	88-74-4	ug/L			<50		<50				<50	<50		<50	<50		<50		<50	<50
2-Nitrophenol	88-75-5	ug/L			<20		<20				<20	<20		<20	<20		<20		<20	<20
3,3-Dichlorobenzidine	91-94-1	ug/L	0.8	HRL	<50		<50				<50	<50		<50	<50		<50		<50	<50
3-Methylphenol & 4-Methylphenol	65794-96-9	ug/L	30/3	HRL	<20		<20				<20	<20		<20	<20		<20		<20	<20
3-Nitroaniline	99-09-2	ug/L			<50		<50				<50	<50		<50	<50		<50		<50	<50
4,6-Dinitro-2-methylphenol	534-52-1	ug/L			<80		<80				<80	<80		<80	<80		<80		<80	<80
4-Bromophenyl phenyl ether	101-55-3	ug/L			<10		<10				<10	<10		<10	<10		<10		<10	<10
4-Chloro-3-methylphenol	59-50-7	ug/L			<20		<20				<20	<20		<20	<20		<20		<20	<20
4-Chloroaniline	106-47-8	ug/L			<25		<25				<25	<25		<25	<25		<25		<25	<25
4-Chlorophenyl phenyl ether	7005-72-3	ug/L			<10		<10				<10	<10		<10	<10		<10		<10	<10
4-Nitroaniline	100-01-6	ug/L			<50		<50				<50	<50		<50	<50		<50		<50	<50
4-Nitrophenol	100-02-7	ug/L	60	LHA	<50		<50				<50	<50		<50	<50		<50		<50	<50
Acenaphthene	83-32-9	ug/L	400	HRL	<10		<10				<10	<10		<10	<10		<10		<10	<10
Acenaphthylene	208-96-8	ug/L			<10		<10				<10	<10		<10	<10		<10		<10	<10
Anthracene	120-12-7	ug/L	2000	HRL	<10		<10				<10	<10		<10	<10		<10		<10	<10
Benzidine	92-87-5	ug/L			<200		<200				<200	<200		<200	<200		<200		<200	<200
Benzo(a)anthracene	56-55-3	ug/L	BaP		<10		<10				<10	<10		<10	<10		<10		<10	<10
Benzo(a)pyrene	50-32-8	ug/L	BaP	BaP	<10		<10				<10	<10		<10	<10		<10		<10	<10
Benzo(b)fluoranthene	205-99-2	ug/L	BaP		<10		<10				<10	<10		<10	<10		<10		<10	<10
Benzo(ghi)perylene	191-24-2	ug/L			<10		<10				<10	<10		<10	<10		<10		<10	<10
Benzo(k)fluoranthene	207-08-9	ug/L	BaP		<10		<10				<10	<10		<10	<10		<10		<10	<10
Benzoic acid	65-85-0	ug/L	30000	HRL	<80		<80				<80	<80		<80	<80		<80		<80	<80
Benzyl alcohol	100-51-6	ug/L			<25		<25				<25	<25		<25	<25		<25		<25	<25
bis(2-Chloroethoxy)methane	111-91-1	ug/L			<10		<10				<10	<10		<10	<10		<10		<10	<10
bis(2-Chloroethyl) ether	111-44-4	ug/L	0.3	HRL	<20		<20				<20	<20		<20	<20		<20		<20	<20
bis(2-Chloroisopropyl) ether	108-60-1	ug/L	300	LHA	<10		<10				<10	<10		<10	<10		<10		<10	<10
bis(2-Ethylhexyl) phthalate	117-81-7	ug/L	20	HRL	**74**	J j	11	j			<10	2.1	J J	<10	<10		<10		<10	1.8 J
Butyl benzyl phthalate	85-68-7	ug/L	100	HRL	<20		<20				<20	<20		<20	<20		<20		<20	<20
Carbazole	86-74-8	ug/L			<10		<10				<10	<10		<10	<10		<10		<10	<10

Table 5
AOC1-All Sections
Groundwater Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC1N-W-GP1		FGOW-AOC1N-W-GP1 DUP		FGOW-AOC1N-W-GP1	FGOW-AOC1N-W-GP1 DUP	FGOW-AOC1M-W-GP1	FGOW-AOC1M-W-GP1		FGOW-AOC1M-W-GP2	FGOW-AOC1M-W-GP3		FGOW-AOC1M-W-GP3		FGOW-AOC1S-W-GP1	FGOW-AOC1S-W-GP1
Lab Sample ID:			Screening Criteria		D7I200237004		D7I200237005		D7I200237014	D7I200237015	D7I220193003	D7I220193003-RE2		D7I220193008	D7I220193012		D7I220193012-RE2		D7I260277003	D7I260277003-RE2
Sample Matrix:			Drinking Water Criterion	Drinking Water Basis	WATER		WATER		WATER	WATER	WATER	WATER		WATER	WATER		WATER		WATER	WATER
Sample Date:					9/18/2007		9/18/2007		9/18/2007	9/18/2007	9/19/2007	9/19/2007		9/20/2007	9/21/2007		9/21/2007		9/24/2007	9/24/2007
Analyte:	CAS Number	Units																		
Chrysene	218-01-9	ug/L	BaP		<10		<10				<10	<10		<10	<10		<10		<10	<10
Di-n-butyl phthalate	84-74-2	ug/L	700	HRL	<20		<20				<20	<20		<20	<20		<20		<20	<20
Di-n-octyl phthalate	117-84-0	ug/L			<20		<20				<20	<20		<20	<20		<20		<20	<20
Dibenz(a,h)anthracene	53-70-3	ug/L	BaP		<10		<10				<10	<10		<10	<10		<10		<10	<10
Dibenzofuran	132-64-9	ug/L			<10		<10				<10	<10		<10	<10		<10		<10	<10
Diethyl phthalate	84-66-2	ug/L	6000	HRL	<20		<20				<20	<20		<20	<20		<20		<20	<20
Dimethyl phthalate	131-11-3	ug/L	70000	HRL	<20		<20				<20	<20		<20	<20		<20		<20	<20
Fluoranthene	206-44-0	ug/L	300	HRL	<20		<20				<20	<20		<20	<20		<20		<20	<20
Fluorene	86-73-7	ug/L	300	HRL	<10		<10				<10	<10		<10	<10		<10		<10	<10
Hexachlorobenzene	118-74-1	ug/L	0.2	HRL	<10		<10				<10	<10		<10	<10		<10		<10	<10
Hexachlorobutadiene	87-68-3	ug/L	1	HRL	<30		<30				<30	<30		<30	<30		<30		<30	<30
Hexachloroethane	67-72-1	ug/L	1	LHA	<10		<10				<10	<10		<10	<10		<10		<10	<10
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	BaP		<10		<10				<10	<10		<10	<10		<10		<10	<10
Isophorone	78-59-1	ug/L	100	HRL	<10		<10				<10	<10		<10	<10		<10		<10	<10
N-Nitrosodi-n-propylamine	621-64-7	ug/L			<20		<20				<20	<20		<20	<20		<20		<20	<20
N-Nitrosodimethylamine	62-75-9	ug/L			<10		<10				<10	<10		<10	<10		<10		<10	<10
N-Nitrosodiphenylamine	86-30-6	ug/L	70	HRL	<10		<10				<10	<10		<10	<10		<10		<10	<10
N-Nitrosopyrrolidine	930-55-2	ug/L			<10		<10				<10	<10		<10	<10		<10		<10	<10
Naphthalene	91-20-3	ug/L	300	HRL	<10		<10				<10	<10		<10	<10		<10		<10	<10
Nitrobenzene	98-95-3	ug/L			<20		<20				<20	<20		<20	<20		<20		<20	<20
Pentachlorophenol	87-86-5	ug/L	3	HRL	<80		<80				<80	<80		<80	<80		<80		<80	<80
Phenanthrene	85-01-8	ug/L			<10		<10				<10	<10		<10	<10		2.2	J J	<10	<10
Phenol	108-95-2	ug/L	4000	HRL	<10		<10				<10	<10		<10	<10		<10		<10	<10
Pyrene	129-00-0	ug/L	200	HRL	<10		<10				<10	<10		<10	<10		<10		<10	<10
VOCs																				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	70	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
1,1,1-Trichloroethane	71-55-6	ug/L	600	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
1,1,2-Trichloroethane	79-00-5	ug/L	3	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
1,1-Dichloroethane	75-34-3	ug/L	70	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
1,1-Dichloroethene	75-35-4	ug/L	6	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
1,1-Dichloropropene	563-58-6	ug/L			<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
1,2,3-Trichlorobenzene	87-61-6	ug/L			<1.0		0.42	J			<1.0			<1.0	<1.0				<1.0	
1,2,3-Trichloropropane	96-18-4	ug/L	40	HRL	<2.0		<2.0				<2.0			<2.0	<2.0				<2.0	
1,2,4-Trichlorobenzene	120-82-1	ug/L	70	MCL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
1,2,4-Trimethylbenzene	95-63-6	ug/L			<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
DBCP	96-12-8	ug/L	0.2	MCL	<5.0		<5.0				<5.0			<5.0	<5.0				<5.0	
EDB	106-93-4	ug/L	0.004	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
1,2-Dichlorobenzene	95-50-1	ug/L	600	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
1,2-Dichloroethane	107-06-2	ug/L	4	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
1,2-Dichloropropane	78-87-5	ug/L	5	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
1,3,5-Trimethylbenzene	108-67-8	ug/L			<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
1,3-Dichlorobenzene	541-73-1	ug/L	600	MCL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
1,3-Dichloropropane	142-28-9	ug/L			<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
1,4-Dichlorobenzene	106-46-7	ug/L	10	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
2,2-Dichloropropane	594-20-7	ug/L			<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
MEK	78-93-3	ug/L	4000	HRL	<6.0		<6.0				<6.0			<6.0	<6.0				<6.0	
2-Chlorotoluene	95-49-8	ug/L	100	LHA	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
2-Hexanone	591-78-6	ug/L			<5.0		<5.0				<5.0			<5.0	<5.0				<5.0	
4-Chlorotoluene	106-43-4	ug/L	100	LHA	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
4-Methyl-2-pentanone	108-10-1	ug/L	300	HRL	<5.0		<5.0				<5.0			<5.0	<5.0				<5.0	
Acetone	67-64-1	ug/L	700	HRL	<10		<10				<10			<10	3.6	J			<10	
Benzene	71-43-2	ug/L	10	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
Bromobenzene	108-86-1	ug/L			<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
Bromochloromethane	74-97-5	ug/L	90	LHA	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
Bromodichloromethane	75-27-4	ug/L	6	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
Bromoform	75-25-2	ug/L	40	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
Bromomethane	74-83-9	ug/L	10	HRL	<2.0		<2.0				<2.0			<2.0	<2.0				<2.0	
Carbon disulfide	75-15-0	ug/L	700	HRL	<2.0		<2.0				<2.0			<2.0	<2.0				<2.0	
Carbon tetrachloride	56-23-5	ug/L	3	HRL	<2.0		<2.0				<2.0			<2.0	<2.0				<2.0	

Table 5
AOC1-All Sections
Groundwater Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC1N-W-GP1		FGOW-AOC1N-W-GP1 DUP		FGOW-AOC1N-W-GP1	FGOW-AOC1N-W-GP1 DUP	FGOW-AOC1M-W-GP1	FGOW-AOC1M-W-GP1		FGOW-AOC1M-W-GP2	FGOW-AOC1M-W-GP3		FGOW-AOC1M-W-GP3		FGOW-AOC1S-W-GP1	FGOW-AOC1S-W-GP1
Lab Sample ID:			Screening Criteria		D7I200237004		D7I200237005		D7I200237014	D7I200237015	D7I220193003	D7I220193003-RE2		D7I220193008	D7I220193012		D7I220193012-RE2		D7I260277003	D7I260277003-RE2
Sample Matrix:			Drinking Water Criterion	Drinking Water Basis	WATER		WATER		WATER	WATER	WATER	WATER		WATER	WATER		WATER		WATER	WATER
Sample Date:					9/18/2007		9/18/2007		9/18/2007	9/18/2007	9/19/2007	9/19/2007		9/20/2007	9/21/2007		9/21/2007		9/24/2007	9/24/2007
Analyte:	CAS Number	Units																		
Chlorobenzene	108-90-7	ug/L	100	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
Chloroethane	75-00-3	ug/L	280	HBV	<2.0		<2.0				<2.0			<2.0	<2.0				<2.0	
Chloroform	67-66-3	ug/L	60	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
Chloromethane	74-87-3	ug/L	3	LHA	<2.0		0.31	J			<2.0			<2.0	<2.0				<2.0	
cis-1,2-Dichloroethene	156-59-2	ug/L			<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
cis-1,3-Dichloropropene	10061-01-5	ug/L			<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
Dibromochloromethane	124-48-1	ug/L	80	MCL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
Dibromomethane	74-95-3	ug/L			<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
Dichlorodifluoromethane	75-71-8	ug/L	1000	HRL	<2.0		<2.0				<2.0			<2.0	<2.0				<2.0	
Ethylbenzene	100-41-4	ug/L	700	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
Hexachlorobutadiene	87-68-3	ug/L	1	HRL	<1.0		0.15	J			<1.0			<1.0	<1.0				<1.0	
Isopropylbenzene	98-82-8	ug/L	300	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
m-Xylene & p-Xylene	136777-61-2	ug/L	10000 T	HRL	<2.0		<2.0				<2.0			<2.0	<2.0				<2.0	
Methyl tert-butyl ether	1634-04-4	ug/L	70	HBV	<5.0		<5.0				<5.0			<5.0	<5.0				<5.0	
Methylene chloride	75-09-2	ug/L	50	HRL	<5.0		<5.0				<5.0			<5.0	<5.0				<5.0	
n-Butylbenzene	104-51-8	ug/L			<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
n-Propylbenzene	103-65-1	ug/L			<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
Naphthalene	91-20-3	ug/L	300	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
o-Xylene	95-47-6	ug/L	10000 T	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
p-Isopropyltoluene	99-87-6	ug/L			<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
sec-Butylbenzene	135-98-8	ug/L			<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
Styrene	100-42-5	ug/L	100	MCL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
tert-Butylbenzene	98-06-6	ug/L			<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
Tetrachloroethene	127-18-4	ug/L	7	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
Toluene	108-88-3	ug/L	1000	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
trans-1,2-Dichloroethene	156-60-5	ug/L	100	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
trans-1,3-Dichloropropene	10061-02-6	ug/L			<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
Trichloroethene	79-01-6	ug/L	30	HRL	<1.0		<1.0				<1.0			<1.0	0.47	J			<1.0	
Trichlorofluoromethane	75-69-4	ug/L	2000	HRL	<2.0		<2.0				<2.0			<2.0	<2.0				<2.0	
Vinyl chloride	75-01-4	ug/L	0.2	HRL	<1.0		<1.0				<1.0			<1.0	<1.0				<1.0	
Other																				
Nitrocellulose	9004-70-0	mg/L							<0.50	<0.50	<0.50			<0.50	0.13	B			<0.50	

Table 5
AOC1-All Sections
Groundwater Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC1S-W-GP2
Lab Sample ID:			Screening Criteria		D7I260277006
Sample Matrix:			Drinking Water Criterion	Drinking Water Basis	WATER
Sample Date:					9/24/2007
Analyte:	CAS Number	Units			
Explosives					
2,4-Dinitrotoluene	121-14-2	ug/L			<0.40
2,6-Dinitrotoluene	606-20-2	ug/L			<0.40
Metals					
Arsenic	7440-38-2	ug/L	10	MCL	<25
Barium	7440-39-3	ug/L	2000	HRL	73
Cadmium	7440-43-9	ug/L	4	HRL	<5.0
Chromium	7440-47-3	ug/L	100	MCL	<15
Lead	7439-92-1	ug/L	NA	NA	<15
Mercury	7439-97-6	ug/L	2	MCL	<0.20
Selenium	7782-49-2	ug/L	30	HRL	<22
Silver	7440-22-4	ug/L	30	HRL	<15
SVOCs					
1,2,4-Trichlorobenzene	120-82-1	ug/L	70	MCL	<10
1,2-Dichlorobenzene	95-50-1	ug/L	600	HRL	<10
1,2-Diphenylhydrazine	122-66-7	ug/L			<10
1,3-Dichlorobenzene	541-73-1	ug/L	600	MCL	<10
1,4-Dichlorobenzene	106-46-7	ug/L	10	HRL	<10
2,4,5-Trichlorophenol	95-95-4	ug/L			<20
2,4,6-Trichlorophenol	88-06-2	ug/L	30	HRL	<20
2,4-Dichlorophenol	120-83-2	ug/L	20	HRL	<10
2,4-Dimethylphenol	105-67-9	ug/L	100	HRL	<10
2,4-Dinitrophenol	51-28-5	ug/L	10	HRL	<80
2,4-Dinitrotoluene	121-14-2	ug/L			<20
2,6-Dichlorophenol	87-65-0	ug/L			<10
2,6-Dinitrotoluene	606-20-2	ug/L			<20
2-Chloronaphthalene	91-58-7	ug/L			<10
2-Chlorophenol	95-57-8	ug/L	30	HRL	<10
2-Methylnaphthalene	91-57-6	ug/L			<10
2-Methylphenol	95-48-7	ug/L	30	HRL	<10
2-Nitroaniline	88-74-4	ug/L			<50
2-Nitrophenol	88-75-5	ug/L			<20
3,3-Dichlorobenzidine	91-94-1	ug/L	0.8	HRL	<50
3-Methylphenol & 4-Methylphenol	65794-96-9	ug/L	30/3	HRL	<20
3-Nitroaniline	99-09-2	ug/L			<50
4,6-Dinitro-2-methylphenol	534-52-1	ug/L			<80
4-Bromophenyl phenyl ether	101-55-3	ug/L			<10
4-Chloro-3-methylphenol	59-50-7	ug/L			<20
4-Chloroaniline	106-47-8	ug/L			<25
4-Chlorophenyl phenyl ether	7005-72-3	ug/L			<10
4-Nitroaniline	100-01-6	ug/L			<50
4-Nitrophenol	100-02-7	ug/L	60	LHA	<50
Acenaphthene	83-32-9	ug/L	400	HRL	<10
Acenaphthylene	208-96-8	ug/L			<10
Anthracene	120-12-7	ug/L	2000	HRL	<10
Benzidine	92-87-5	ug/L			<200
Benzo(a)anthracene	56-55-3	ug/L	BaP		<10
Benzo(a)pyrene	50-32-8	ug/L	BaP	BaP	<10
Benzo(b)fluoranthene	205-99-2	ug/L	BaP		<10
Benzo(ghi)perylene	191-24-2	ug/L			<10
Benzo(k)fluoranthene	207-08-9	ug/L	BaP		<10
Benzoic acid	65-85-0	ug/L	30000	HRL	<80
Benzyl alcohol	100-51-6	ug/L			<25
bis(2-Chloroethoxy)methane	111-91-1	ug/L			<10
bis(2-Chloroethyl) ether	111-44-4	ug/L	0.3	HRL	<20
bis(2-Chloroisopropyl) ether	108-60-1	ug/L	300	LHA	<10
bis(2-Ethylhexyl) phthalate	117-81-7	ug/L	20	HRL	<10
Butyl benzyl phthalate	85-68-7	ug/L	100	HRL	<20
Carbazole	86-74-8	ug/L			<10

Table 5
AOC1-All Sections
Groundwater Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC1S-W-GP2
Lab Sample ID:			Screening Criteria		D7I260277006
Sample Matrix:			Drinking Water Criterion	Drinking Water Basis	WATER
Sample Date:					9/24/2007
Analyte:	CAS Number	Units			
Chrysene	218-01-9	ug/L	BaP		<10
Di-n-butyl phthalate	84-74-2	ug/L	700	HRL	<20
Di-n-octyl phthalate	117-84-0	ug/L			<20
Dibenz(a,h)anthracene	53-70-3	ug/L	BaP		<10
Dibenzofuran	132-64-9	ug/L			<10
Diethyl phthalate	84-66-2	ug/L	6000	HRL	<20
Dimethyl phthalate	131-11-3	ug/L	70000	HRL	<20
Fluoranthene	206-44-0	ug/L	300	HRL	<20
Fluorene	86-73-7	ug/L	300	HRL	<10
Hexachlorobenzene	118-74-1	ug/L	0.2	HRL	<10
Hexachlorobutadiene	87-68-3	ug/L	1	HRL	<30
Hexachloroethane	67-72-1	ug/L	1	LHA	<10
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	BaP		<10
Isophorone	78-59-1	ug/L	100	HRL	<10
N-Nitrosodi-n-propylamine	621-64-7	ug/L			<20
N-Nitrosodimethylamine	62-75-9	ug/L			<10
N-Nitrosodiphenylamine	86-30-6	ug/L	70	HRL	<10
N-Nitrosopyrrolidine	930-55-2	ug/L			<10
Naphthalene	91-20-3	ug/L	300	HRL	<10
Nitrobenzene	98-95-3	ug/L			<20
Pentachlorophenol	87-86-5	ug/L	3	HRL	<80
Phenanthrene	85-01-8	ug/L			<10
Phenol	108-95-2	ug/L	4000	HRL	<10
Pyrene	129-00-0	ug/L	200	HRL	<10
VOCs					
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	70	HRL	<1.0
1,1,1-Trichloroethane	71-55-6	ug/L	600	HRL	<1.0
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2	HRL	<1.0
1,1,2-Trichloroethane	79-00-5	ug/L	3	HRL	<1.0
1,1-Dichloroethane	75-34-3	ug/L	70	HRL	<1.0
1,1-Dichloroethene	75-35-4	ug/L	6	HRL	<1.0
1,1-Dichloropropene	563-58-6	ug/L			<1.0
1,2,3-Trichlorobenzene	87-61-6	ug/L			<1.0
1,2,3-Trichloropropane	96-18-4	ug/L	40	HRL	<2.0
1,2,4-Trichlorobenzene	120-82-1	ug/L	70	MCL	<1.0
1,2,4-Trimethylbenzene	95-63-6	ug/L			<1.0
DBCP	96-12-8	ug/L	0.2	MCL	<5.0
EDB	106-93-4	ug/L	0.004	HRL	<1.0
1,2-Dichlorobenzene	95-50-1	ug/L	600	HRL	<1.0
1,2-Dichloroethane	107-06-2	ug/L	4	HRL	<1.0
1,2-Dichloropropane	78-87-5	ug/L	5	HRL	<1.0
1,3,5-Trimethylbenzene	108-67-8	ug/L			<1.0
1,3-Dichlorobenzene	541-73-1	ug/L	600	MCL	<1.0
1,3-Dichloropropane	142-28-9	ug/L			<1.0
1,4-Dichlorobenzene	106-46-7	ug/L	10	HRL	<1.0
2,2-Dichloropropane	594-20-7	ug/L			<1.0
MEK	78-93-3	ug/L	4000	HRL	<6.0
2-Chlorotoluene	95-49-8	ug/L	100	LHA	<1.0
2-Hexanone	591-78-6	ug/L			<5.0
4-Chlorotoluene	106-43-4	ug/L	100	LHA	<1.0
4-Methyl-2-pentanone	108-10-1	ug/L	300	HRL	<5.0
Acetone	67-64-1	ug/L	700	HRL	<10
Benzene	71-43-2	ug/L	10	HRL	<1.0
Bromobenzene	108-86-1	ug/L			<1.0
Bromochloromethane	74-97-5	ug/L	90	LHA	<1.0
Bromodichloromethane	75-27-4	ug/L	6	HRL	<1.0
Bromoform	75-25-2	ug/L	40	HRL	<1.0
Bromomethane	74-83-9	ug/L	10	HRL	<2.0
Carbon disulfide	75-15-0	ug/L	700	HRL	<2.0
Carbon tetrachloride	56-23-5	ug/L	3	HRL	<2.0

Table 5
AOC1-All Sections
Groundwater Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC1S-W-GP2
Lab Sample ID:			Screening Criteria		D7I260277006
Sample Matrix:			Drinking Water Criterion	Drinking Water Basis	WATER
Sample Date:					9/24/2007
Analyte:	CAS Number	Units			
Chlorobenzene	108-90-7	ug/L	100	HRL	<1.0
Chloroethane	75-00-3	ug/L	280	HBV	<2.0
Chloroform	67-66-3	ug/L	60	HRL	<1.0
Chloromethane	74-87-3	ug/L	3	LHA	<2.0
cis-1,2-Dichloroethene	156-59-2	ug/L			<1.0
cis-1,3-Dichloropropene	10061-01-5	ug/L			<1.0
Dibromochloromethane	124-48-1	ug/L	80	MCL	<1.0
Dibromomethane	74-95-3	ug/L			<1.0
Dichlorodifluoromethane	75-71-8	ug/L	1000	HRL	<2.0
Ethylbenzene	100-41-4	ug/L	700	HRL	<1.0
Hexachlorobutadiene	87-68-3	ug/L	1	HRL	<1.0
Isopropylbenzene	98-82-8	ug/L	300	HRL	<1.0
m-Xylene & p-Xylene	136777-61-2	ug/L	10000 T	HRL	<2.0
Methyl tert-butyl ether	1634-04-4	ug/L	70	HBV	<5.0
Methylene chloride	75-09-2	ug/L	50	HRL	<5.0
n-Butylbenzene	104-51-8	ug/L			<1.0
n-Propylbenzene	103-65-1	ug/L			<1.0
Naphthalene	91-20-3	ug/L	300	HRL	<1.0
o-Xylene	95-47-6	ug/L	10000 T	HRL	<1.0
p-Isopropyltoluene	99-87-6	ug/L			<1.0
sec-Butylbenzene	135-98-8	ug/L			<1.0
Styrene	100-42-5	ug/L	100	MCL	<1.0
tert-Butylbenzene	98-06-6	ug/L			<1.0
Tetrachloroethene	127-18-4	ug/L	7	HRL	<1.0
Toluene	108-88-3	ug/L	1000	HRL	<1.0
trans-1,2-Dichloroethene	156-60-5	ug/L	100	HRL	<1.0
trans-1,3-Dichloropropene	10061-02-6	ug/L			<1.0
Trichloroethene	79-01-6	ug/L	30	HRL	<1.0
Trichlorofluoromethane	75-69-4	ug/L	2000	HRL	<2.0
Vinyl chloride	75-01-4	ug/L	0.2	HRL	<1.0
Other					
Nitrocellulose	9004-70-0	mg/L			<0.50

Table 6
AOC1-Southern Section
Sediment Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:				FGOW-AOC1S-SED-SED2(0-4INCH)		FGOW-AOC1S-SED-SED1(0-4INCH)		FGOW-AOC1S-SED-SED1(0-4INCHES)		FGOW-AOC1S-SED-SED1(0-4INCHES)		FGOW-AOC1S-SED-SED2(0-4INCHES)		FGOW-AOC1S-SED-SED2(0-4INCHES)	
Lab Sample ID:			**Screening Criteria**	D7H110169014		D7H110169016		D7H250161002		D7H250161002-RE3		D7H250161004		D7H250161004-RE3	
Sample Matrix:			Sediment Level I SQTs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date				8/8/2007		8/8/2007		8/24/2007		8/24/2007		8/24/2007		8/24/2007	
Analyte:	CAS Number	Units													
Explosives															
2,4-Dinitrotoluene	121-14-2	mg/kg						<0.25				<0.25			
2,6-Dinitrotoluene	606-20-2	mg/kg						<0.25				<0.25			
Metals															
Arsenic	7440-38-2	mg/kg	9.8					4.4	J			6.5			
Barium	7440-39-3	mg/kg						87	J			160			
Cadmium	7440-43-9	mg/kg	0.99					0.17				0.39			
Chromium	7440-47-3	mg/kg	43					10	J			15			
Lead	7439-92-1	mg/kg	36					9	J			19			
Mercury	7439-97-6	mg/kg	180					0.035	J			0.037	J		
Selenium	7782-49-2	mg/kg						0.54	J			2.5			
Silver	7440-22-4	mg/kg						0.038	J J			0.065	J		
PAHs															
2-Methylnaphthalene	91-57-6	ug/kg	20					2.8	J	1.2	J	<46		0.69	J
Acenaphthene	83-32-9	ug/kg	6.7					11		9.5		<46		0.69	J
Acenaphthylene	208-96-8	ug/kg	5.9					3.6	J	3.8	J	<46		1.2	J
Anthracene	120-12-7	ug/kg	57					19		16		3.4	J	2.6	J
Benzo(a)anthracene	56-55-3	ug/kg	110					62	J	47		11	J	9.7	
Benzo(a)pyrene	50-32-8	ug/kg	150					120	Q J	120		17	J Q	13	
Benzo(b)fluoranthene	205-99-2	ug/kg						210	K J	230	K	31	J K	26	K
Benzo(ghi)perylene	191-24-2	ug/kg						140	J	130		18	J	19	
Benzo(k)fluoranthene	207-08-9	ug/kg						<7.5		<7.5		<46		<9.3	
Chrysene	218-01-9	ug/kg	170					84	J	79		19	J	12	
Dibenzo(a,h)anthracene	53-70-3	ug/kg	33					**42**	J	**35**		4.8	J	3.5	J
Fluoranthene	206-44-0	ug/kg	420					110	J	95		26	J	20	
Fluorene	86-73-7	ug/kg	77					12		10		7.9	J	6.7	J
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg						120	J	110		15	J	13	
Naphthalene	91-20-3	ug/kg	180					5.7	J	4.8	J	<46		1.3	J
Phenanthrene	85-01-8	ug/kg	200					38	J	27		10	J	7.9	J
Pyrene	129-00-0	ug/kg	200					98	J	77		20	J	18	

Table 6
AOC1-Southern Section
Sediment Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:				FGOW-AOC1S-SED-SED2(0-4INCH)		FGOW-AOC1S-SED-SED1(0-4INCH)		FGOW-AOC1S-SED-SED1(0-4INCHES)		FGOW-AOC1S-SED-SED1(0-4INCHES)		FGOW-AOC1S-SED-SED2(0-4INCHES)		FGOW-AOC1S-SED-SED2(0-4INCHES)	
Lab Sample ID:			**Screening Criteria**	D7H110169014		D7H110169016		D7H250161002		D7H250161002-RE3		D7H250161004		D7H250161004-RE3	
Sample Matrix:			Sediment Level I SQTs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date				8/8/2007		8/8/2007		8/24/2007		8/24/2007		8/24/2007		8/24/2007	
Analyte:	CAS Number	Units													
VOCs															
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg						<7.5				<10			
1,1,1-Trichloroethane	71-55-6	ug/kg						<7.5				<10			
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg						<7.5				<10			
1,1,2-Trichloroethane	79-00-5	ug/kg						<7.5				<10			
1,1-Dichloroethane	75-34-3	ug/kg						<7.5				<10			
1,1-Dichloroethene	75-35-4	ug/kg						<7.5				<10			
1,1-Dichloropropene	563-58-6	ug/kg						<7.5				<10			
1,2,3-Trichlorobenzene	87-61-6	ug/kg						<7.5				<10			
1,2,3-Trichloropropane	96-18-4	ug/kg						<7.5				<10			
1,2,4-Trichlorobenzene	120-82-1	ug/kg						<7.5				<10			
1,2,4-Trimethylbenzene	95-63-6	ug/kg						<7.5				<10			
DBCP	96-12-8	ug/kg						<15				<20			
EDB	106-93-4	ug/kg						<7.5				<10			
1,2-Dichlorobenzene	95-50-1	ug/kg						<7.5				<10			
1,2-Dichloroethane	107-06-2	ug/kg						<7.5				<10			
1,2-Dichloropropane	78-87-5	ug/kg						<7.5				<10			
1,3,5-Trimethylbenzene	108-67-8	ug/kg						1.5	J J			<10			
1,3-Dichlorobenzene	541-73-1	ug/kg						<7.5				<10			
1,3-Dichloropropane	142-28-9	ug/kg						<7.5				<10			
1,4-Dichlorobenzene	106-46-7	ug/kg						<7.5				<10			
2,2-Dichloropropane	594-20-7	ug/kg						<7.5				<10			
MEK	78-93-3	ug/kg						36	B J			53	B J		
2-Chlorotoluene	95-49-8	ug/kg						<7.5				<10			
2-Hexanone	591-78-6	ug/kg						<30				<41			
4-Chlorotoluene	106-43-4	ug/kg						<7.5				<10			
4-Methyl-2-pentanone	108-10-1	ug/kg						<30				<41			
Acetone	67-64-1	ug/kg						72	J			110	J		
Benzene	71-43-2	ug/kg						<7.5				<10			
Bromobenzene	108-86-1	ug/kg						<7.5				<10			
Bromochloromethane	74-97-5	ug/kg						<7.5				<10			
Bromodichloromethane	75-27-4	ug/kg						<7.5				<10			
Bromoform	75-25-2	ug/kg						<7.5				<10			
Bromomethane	74-83-9	ug/kg						<15				<20			
Carbon disulfide	75-15-0	ug/kg						0.87	J J			<10			
Carbon tetrachloride	56-23-5	ug/kg						<7.5				<10			
Chlorobenzene	108-90-7	ug/kg						<7.5				<10			
Chloroethane	75-00-3	ug/kg						<15				<20			
Chloroform	67-66-3	ug/kg						<15				<20			
Chloromethane	74-87-3	ug/kg						<15				<20			

Table 6
AOC1-Southern Section
Sediment Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:				FGOW-AOC1S-SED-SED2(0-4INCH)		FGOW-AOC1S-SED-SED1(0-4INCH)		FGOW-AOC1S-SED-SED1(0-4INCHES)		FGOW-AOC1S-SED-SED1(0-4INCHES)		FGOW-AOC1S-SED-SED2(0-4INCHES)		FGOW-AOC1S-SED-SED2(0-4INCHES)	
Lab Sample ID:			**Screening Criteria**	D7H110169014		D7H110169016		D7H250161002		D7H250161002-RE3		D7H250161004		D7H250161004-RE3	
Sample Matrix:			Sediment Level I SQTs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date				8/8/2007		8/8/2007		8/24/2007		8/24/2007		8/24/2007		8/24/2007	
Analyte:	CAS Number	Units													
cis-1,2-Dichloroethene	156-59-2	ug/kg						<3.7				<5.1			
cis-1,3-Dichloropropene	10061-01-5	ug/kg						<7.5				<10			
Dibromochloromethane	124-48-1	ug/kg						<7.5				<10			
Dibromomethane	74-95-3	ug/kg						<7.5				<10			
Dichlorodifluoromethane	75-71-8	ug/kg						<15				<20			
Ethylbenzene	100-41-4	ug/kg						<7.5				<10			
Hexachlorobutadiene	87-68-3	ug/kg						<7.5				<10			
Isopropylbenzene	98-82-8	ug/kg						<7.5				<10			
m-Xylene & p-Xylene	136777-61-2	ug/kg						<3.7				<5.1			
Methyl tert-butyl ether	1634-04-4	ug/kg						<30				<41			
Methylene chloride	75-09-2	ug/kg						<7.5				<10			
n-Butylbenzene	104-51-8	ug/kg						<7.5				<10			
n-Propylbenzene	103-65-1	ug/kg						<7.5				<10			
Naphthalene	91-20-3	ug/kg	180					4.7	J J			<10			
o-Xylene	95-47-6	ug/kg						<3.7				<5.1			
p-Isopropyltoluene	99-87-6	ug/kg						<7.5				<10			
sec-Butylbenzene	135-98-8	ug/kg						<7.5				<10			
Styrene	100-42-5	ug/kg						<7.5				<10			
tert-Butylbenzene	98-06-6	ug/kg						<7.5				<10			
Tetrachloroethene	127-18-4	ug/kg						<7.5				<10			
Toluene	108-88-3	ug/kg						1.1	J J			<10			
trans-1,2-Dichloroethene	156-60-5	ug/kg						<3.7				<5.1			
trans-1,3-Dichloropropene	10061-02-6	ug/kg						<7.5				<10			
Trichloroethene	79-01-6	ug/kg						<7.5				<10			
Trichlorofluoromethane	75-69-4	ug/kg						<15				<20			
Vinyl chloride	75-01-4	ug/kg						<7.5				<10			
Other															
Nitrocellulose	9004-70-0	mg/kg		5.1	B J u	12	J								
Percent Moisture				48		57									

Table 7
AOC1-Southern Section
Surface Water Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:				FGOW-AOC1S-W-S2		FGOW-AOC1S-W-S1		FGOW-AOC1S-W-S1		FGOW-AOC1S-W-S2	
Lab Sample ID:			**Screening Criteria**	D7H110169013		D7H110169015		D7H250161001		D7H250161003	
Sample Matrix:			Surface Water 7050 Tier 1	WATER		WATER		WATER		WATER	
Sample Date:				8/8/2007		8/8/2007		8/24/2007		8/24/2007	
Analyte:	CAS Number	Units									
Explosives											
2,4-Dinitrotoluene	121-14-2	ug/L	230 T					<0.40		<0.40	
2,6-Dinitrotoluene	606-20-2	ug/L	230 T					<0.40		<0.40	
Metals											
Arsenic	7440-38-2	ug/L	2					**8**		1	J
Barium	7440-39-3	ug/L	Use Tier 2					110		56	
Cadmium	7440-43-9	ug/L	5 (or hardness-specific value if lower)					<1.0		<1.0	
Chromium	7440-47-3	ug/L	100					<10		0.57	J
Lead	7439-92-1	ug/L	Hardness-specific value					0.19	J	<3.0	
Mercury	7439-97-6	ug/L	0.0069					<0.20		<0.20	
Selenium	7782-49-2	ug/L	5					<5.0		1.8	J
Silver	7440-22-4	ug/L	0.12					<5.0		<5.0	
PAHs											
2-Methylnaphthalene	91-57-6	ug/L						0.033	J	<0.10	
Acenaphthene	83-32-9	ug/L	20					0.14		<0.10	
Acenaphthylene	208-96-8	ug/L						0.0056	J	<0.10	
Anthracene	120-12-7	ug/L	0.035					0.019	J	<0.10	
Benzo(a)anthracene	56-55-3	ug/L	0.027					0.0057	J	<0.10	
Benzo(a)pyrene	50-32-8	ug/L	Use Tier 2					<0.10		<0.10	
Benzo(b)fluoranthene	205-99-2	ug/L						<0.10		<0.10	
Benzo(ghi)perylene	191-24-2	ug/L						<0.10		<0.10	
Benzo(k)fluoranthene	207-08-9	ug/L						<0.10		<0.10	
Chrysene	218-01-9	ug/L						<0.10		<0.10	
Dibenzo(a,h)anthracene	53-70-3	ug/L						<0.10		<0.10	
Fluoranthene	206-44-0	ug/L	1.9					0.033	J	0.0052	J
Fluorene	86-73-7	ug/L	3.9					0.081	J	<0.10	
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L						<0.10		<0.10	
Naphthalene	91-20-3	ug/L	81					0.41		<0.10	
Phenanthrene	85-01-8	ug/L	3.6					0.048	J	<0.10	
Pyrene	129-00-0	ug/L						0.019	J	<0.10	
VOCs											
1,1,1,2-Tetrachloroethane	630-20-6	ug/L						<1.0		<1.0	
1,1,1-Trichloroethane	71-55-6	ug/L	200					<1.0		<1.0	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1.1					<1.0		<1.0	
1,1,2-Trichloroethane	79-00-5	ug/L	Use Tier 2					<1.0		<1.0	
1,1-Dichloroethane	75-34-3	ug/L	47					<1.0		<1.0	
1,1-Dichloroethene	75-35-4	ug/L	7					<1.0		<1.0	
1,1-Dichloropropene	563-58-6	ug/L						<1.0		<1.0	
1,2,3-Trichlorobenzene	87-61-6	ug/L						<1.0		<1.0	
1,2,3-Trichloropropane	96-18-4	ug/L						<2.0		<2.0	
1,2,4-Trichlorobenzene	120-82-1	ug/L	70					<1.0		<1.0	
1,2,4-Trimethylbenzene	95-63-6	ug/L						<1.0		<1.0	
DBCP	96-12-8	ug/L	0.2					<5.0		<5.0	
EDB	106-93-4	ug/L	0.05					<1.0		<1.0	
1,2-Dichlorobenzene	95-50-1	ug/L	14					<1.0		<1.0	
1,2-Dichloroethane	107-06-2	ug/L	3.5					<1.0		<1.0	
1,2-Dichloropropane	78-87-5	ug/L	5					<1.0		<1.0	
1,3,5-Trimethylbenzene	108-67-8	ug/L						<1.0		<1.0	
1,3-Dichlorobenzene	541-73-1	ug/L	71					<1.0		<1.0	
1,3-Dichloropropane	142-28-9	ug/L						<1.0		<1.0	
1,4-Dichlorobenzene	106-46-7	ug/L	15					<1.0		<1.0	
2,2-Dichloropropane	594-20-7	ug/L						<1.0		<1.0	
MEK	78-93-3	ug/L	14000					<6.0		<6.0	
2-Chlorotoluene	95-49-8	ug/L						<1.0		<1.0	
2-Hexanone	591-78-6	ug/L	99					<5.0		<5.0	
4-Chlorotoluene	106-43-4	ug/L						<1.0		<1.0	
4-Methyl-2-pentanone	108-10-1	ug/L	170					<5.0		<5.0	
Acetone	67-64-1	ug/L	1500					<10		<10	
Benzene	71-43-2	ug/L	5					<1.0		<1.0	
Bromobenzene	108-86-1	ug/L						<1.0		<1.0	
Bromochloromethane	74-97-5	ug/L						<1.0		<1.0	
Bromodichloromethane	75-27-4	ug/L						<1.0		<1.0	
Bromoform	75-25-2	ug/L	33					<1.0		<1.0	
Bromomethane	74-83-9	ug/L						<2.0		<2.0	
Carbon disulfide	75-15-0	ug/L	0.92					<2.0		<2.0	
Carbon tetrachloride	56-23-5	ug/L	1.9					<2.0		<2.0	
Chlorobenzene	108-90-7	ug/L	20					<1.0		<1.0	
Chloroethane	75-00-3	ug/L						<2.0		<2.0	
Chloroform	67-66-3	ug/L	53					<1.0		<1.0	
Chloromethane	74-87-3	ug/L						<2.0		<2.0	
cis-1,2-Dichloroethene	156-59-2	ug/L						<1.0		<1.0	
cis-1,3-Dichloropropene	10061-01-5	ug/L						<1.0		<1.0	
Dibromochloromethane	124-48-1	ug/L						<1.0		<1.0	
Dibromomethane	74-95-3	ug/L						<1.0		<1.0	
Dichlorodifluoromethane	75-71-8	ug/L						<2.0		<2.0	
Ethylbenzene	100-41-4	ug/L	68					<1.0		<1.0	
Hexachlorobutadiene	87-68-3	ug/L	9.3					<1.0		<1.0	
Isopropylbenzene	98-82-8	ug/L						<1.0		<1.0	
m-Xylene & p-Xylene	136777-61-2	ug/L						<2.0		<2.0	
Methyl tert-butyl ether	1634-04-4	ug/L						<5.0		<5.0	
Methylene chloride	75-09-2	ug/L	5					<5.0		<5.0	
n-Butylbenzene	104-51-8	ug/L						<1.0		<1.0	
n-Propylbenzene	103-65-1	ug/L						<1.0		<1.0	
Naphthalene	91-20-3	ug/L	81					0.69	J	<1.0	
o-Xylene	95-47-6	ug/L						<1.0		<1.0	
p-Isopropyltoluene	99-87-6	ug/L						<1.0		<1.0	
sec-Butylbenzene	135-98-8	ug/L						<1.0		<1.0	
Styrene	100-42-5	ug/L	Use Tier 2					<1.0		<1.0	
tert-Butylbenzene	98-06-6	ug/L						<1.0		<1.0	
Tetrachloroethene	127-18-4	ug/L	3.8					<1.0		<1.0	
Toluene	108-88-3	ug/L	253					<1.0		<1.0	
trans-1,2-Dichloroethene	156-60-5	ug/L	100					<1.0		<1.0	
trans-1,3-Dichloropropene	10061-02-6	ug/L						<1.0		<1.0	
Trichloroethene	79-01-6	ug/L	5					<1.0		<1.0	
Trichlorofluoromethane	75-69-4	ug/L						<2.0		<2.0	
Vinyl chloride	75-01-4	ug/L	0.17					<1.0		<1.0	
Other											
Nitrocellulose	9004-70-0	mg/L		0.23	B	0.19	B				

Table 8
AOC2
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC2-SS-GP1(0-6INCHES)	FGOW-AOC2-S-GP1(2-4FEET)	FGOW-AOC2-S-GP1(8-10FEET)	FGOW-AOC2-SS-GP2(0-6INCHES)	FGOW-AOC2-S-GP2(2-4FEET)
Lab Sample ID:			**Screening Criteria**		D7I150223007	D7I150223008	D7I150223009	D7I150223013	D7I150223014
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID	SOLID	SOLID	SOLID	SOLID
Sample Date:					9/13/2007	9/13/2007	9/13/2007	9/13/2007	9/13/2007
Analyte:	CAS Number	Units							
Explosives									
2,4-Dinitrotoluene	121-14-2	mg/kg	50	0.001	<0.25	<0.25	<0.25	<0.25	<0.25
2,6-Dinitrotoluene	606-20-2	mg/kg	25	0.001	<0.25	<0.25	<0.25	<0.25	<0.25
SVOCs									
Diphenylamine	122-39-4	ug/kg		1600	<410	<350	<360	<370	<340
Other									
Nitrocellulose	9004-70-0	mg/kg			<6.2	<5.4	<5.4	<5.7	<5.1
Percent Moisture		%			19	6.9	8.1	12	2.2

Table 8
AOC2
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

FGOW-AOC2-S-GP2(8-10FEET)
D7I150223015
SOLID
9/13/2007
<0.25
<0.25
<340
<5.2
3.3

Table 9
AOC2
Groundwater Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC2-W-GP1	FGOW-AOC2-W-GP1 DUP	FGOW-AOC2-W-GP2
Lab Sample ID:			**Screening Criteria**		D7I150223010	D7I150223011	D7I150223012
Sample Matrix:			Drinking Water Criterion	Drinking Water Basis	WATER	WATER	WATER
Sample Date:					9/13/2007	9/13/2007	9/13/2007
Analyte:	CAS Number	Units					
Explosives							
2,4-Dinitrotoluene	121-14-2	ug/L			<0.15	<0.14	<0.14
2,6-Dinitrotoluene	606-20-2	ug/L			<0.15	<0.14	<0.14
SVOCs							
Diphenylamine	122-39-4	ug/L	200	LHA	<10	<10	<10
Other							
Nitrocellulose	9004-70-0	mg/L			<0.50	<0.50	<0.50

Table 10
AOC3
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC3-DA1-SS-GP1(0-6INCHES)	FGOW-AOC3-DA1-S-GP1(2-4FT)	FGOW-AOC3-DA1-S-GP1(8-10FT)	FGOW-AOC3-DA1-SS-SS1(0-6INCHES)		FGOW-AOC3-DA2-SS-GP1(0-6INCHES)		FGOW-AOC3-DA2-SS-SS1(0-6INCHES)		FGOW-AOC3-DA2-SS-SS2(0-6INCHES)	
Lab Sample ID:			**Screening Criteria**		D7I120319003	D7I120319001	D7I120319002	D7I120319004		D7I150223002		D7I150223003		D7I150223004	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID	SOLID	SOLID	SOLID		SOLID		SOLID		SOLID	
Sample Date:					9/10/2007	9/10/2007	9/10/2007	9/10/2007		9/12/2007		9/12/2007		9/12/2007	
Analyte:	CAS Number	Unit													
Explosives															
2,4-Dinitrotoluene	121-14-2	mg/kg	50	0.001	<0.25	<0.25	<0.25	<0.25		<0.25		<0.25		<0.25	
2,6-Dinitrotoluene	606-20-2	mg/kg	25	0.001	<0.25	<0.25	<0.25	<0.25		<0.25		<0.25		<0.25	
SVOCs															
Diphenylamine	122-39-4	ug/kg		1600	<440	<430	<350	<360		<390		<410		<400	
Other															
Nitrocellulose	9004-70-0	mg/kg			8.2	1.2	<5.3	1	B	2.1	B	1.2	B	4.1	B
Percent Moisture		%			26	23	6.3	7.7		14		20		17	

Table 11
AOC3
Groundwater Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC3-DA1-W-GP1	FGOW-AOC3-DA2-W-GP1
Lab Sample ID:			**Screening Criteria**		D7I120319005	D7I150223001
Sample Matrix:			Drinking Water Criterion	Drinking Water Basis	WATER	WATER
Sample Date:					9/10/2007	9/12/2007
Analyte:	CAS Number	Unit				
Explosives						
2,4-Dinitrotoluene	121-14-2	ug/L			<0.60	<0.14
2,6-Dinitrotoluene	606-20-2	ug/L			<0.60	<0.14
SVOCs						
Diphenylamine	122-39-4	ug/L	200	LHA	<10	<10
Other						
Nitrocellulose	9004-70-0	mg/L			<0.50	<0.50

Table 12
AOC4
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC4-SS-GP1(0-6INCHES)		FGOW-AOC4-S-GP1(2-4FT)		FGOW-AOC4-S-GP1(8-10FT)		FGOW-AOC4-SS-GP2(0-6INCHES)		FGOW-AOC4-SS-GP2(0-6INCHES) DUP		FGOW-AOC4-S-GP2(2-4FEET)		FGOW-AOC4-S-GP2(8-10FEET)		FGOW-AOC4-SS-SS1(0-6INCHES)		FGOW-AOC4-SS-SS2(0-6INCHES)	
Lab Sample ID:			**Screening Criteria**		D7I120319008		D7I120319006		D7I120319007		D7I130251003		D7I130251004		D7I130251001		D7I130251002		D7I120319009		D7I120319010	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					9/10/2007 *		9/10/2007 *		9/10/2007 *		9/11/2007		9/11/2007		9/11/2007		9/11/2007		9/10/2007 *		9/10/2007 *	
Analyte:																						
TPH	CAS Number	Unit																				
Diesel Range Organics		mg/kg			4.6	J	<10		<10		5.1	J	5.3	J	<11		<11		3.8	J	12	
Gasoline Range Organics		mg/kg			2.3	J	2.9	J	1.5	J	1.6	J B	2.4	J B	2.4	J B	2.2	J B	2.5	J	8.2	J
Metals																						
Arsenic	7440-38-2	mg/kg	5	15.1	**6.1**		1	J	1.2	J	2.4	J j	**7.3**	j	3.5		3.2		**7.2**		2.6	J
Barium	7440-39-3	mg/kg	1200	842	120		12		29		41		50		67		54		150		41	
Cadmium	7440-43-9	mg/kg	25	4.4	0.087	J	<0.51		0.044	J	<0.54		0.1	J	0.073	J	0.059	J	<0.62		0.093	J
Chromium	7440-47-3	mg/kg	44000/87	1000000/18	20		5.9		6.3		10	J	9.2		12		10		18		7.5	
Lead	7439-92-1	mg/kg	300	525	15		1.5	J	2.6	J	4.9	J	5.9	J	4.8	J	4.2	J	13		8.7	J
Mercury	7439-97-6	mg/kg	500	1600	0.055		<0.034		<0.034		0.011	J	0.011	J	<0.036		<0.035		0.04	J	0.031	J
Selenium	7782-49-2	mg/kg	160	1.5	1.1	J	<3.1		<3.1		<3.2		<3.2		<3.3		<3.2		<3.7		0.98	J
Silver	7440-22-4	mg/kg	160	3.9	<2.0		<1.5		<1.5		<1.6		<1.6		<1.6		<1.6		<1.9		<1.6	
PAHs																						
2-Methylnaphthalene	91-57-6	ug/kg	100000		<440		<340		<340		<350		<350		<360		<350		<410		38	J
Acenaphthene	83-32-9	ug/kg	1200000	50000	<440		<340		<340		<350		<350		<360		<350		<410		<360	
Acenaphthylene	208-96-8	ug/kg			<440		<340		<340		<350		<350		<360		<350		<410		<360	
Anthracene	120-12-7	ug/kg	7880000	942000	<440		<340		<340		<350		<350		<360		<350		<410		120	J
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP	<440		<340		<340		<350		<350		<360		<350		<410		<360	
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200	<440		<340		<340		<350		<350		<360		<350		<410		<360	
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP	<440		<340		<340		<350		<350		<360		<350		<410		65	J K
Benzo(ghi)perylene	191-24-2	ug/kg			<440		<340		<340		<350		<350		<360		<350		<410		<360	
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP	<440		<340		<340		<350		<350		<360		<350		<410		<360	
Chrysene	218-01-9	ug/kg	BaP	BaP	<440		<340		<340		<350		<350		<360		<350		<410		<360	
Dibenz(a,h)anthracene	53-70-3	ug/kg	BaP	BaP	<440		<340		<340		<350		<350		<360		<350		<410		<360	
Diphenylamine	206-44-0	ug/kg	1080000	295000	200	J	<340		<340		<350		<350		<360		<350		<410		180	J
Fluoranthene	86-73-7	ug/kg	850000	47000	<440		<340		<340		<350		<350		<360		<350		<410		<360	
Fluorene	193-39-5	ug/kg			<440		<340		<340		<350		<350		<360		<350		<410		<360	
Indeno(1,2,3-cd)pyrene	91-20-3	ug/kg	10000	7500	<440		<340		<340		<350		<350		<360		<350		<410		<360	
Nitrobenzene-d5	85-01-8	ug/kg			<440		<340		<340		<350		<350		<360		<350		<410		150	J
Phenol-d5	129-00-0	ug/kg	890000	272000	<530		<410		<410		<430		<430		<430		<420		<500		<440	
Other																						
Percent Moisture		%			24		2.2		3.1		6.8		6.5		7.9		5.5		20		9	

*GRO and DRO collected on 9/11/07

Table 13
AOC5
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC5-SS-GP1(0-6INCHES)		FGOW-AOC5-S-GP1(2-4FT)		FGOW-AOC5-SS-GP2(0-6INCHES)		FGOW-AOC5-S-GP2(2-4FT)		FGOW-AOC5-SS-GP3(0-6INCHES)		FGOW-AOC5-S-GP3(2-4FT)		FGOW-AOC5-SS-GP4(0-6INCHES)		FGOW-AOC5-SS-GP4(0-6INCHES)		FGOW-AOC5-S-GP4(2-4FT)		FGOW-AOC5-SS-GP5(0-6INCHES)		FGOW-AOC5-SS-GP5(2-4FT)	
Lab Sample ID:			**Screening Criteria**		D7I070382001		D7I060355001		D7I070382002		D7I060355002		D7I070382003		D7I060355003		D7I070382004		D7I070382004-RE2		D7I060355005		D7I070382005		D7I070382015	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					9/6/2007		9/4/2007		9/6/2007		9/4/2007		9/6/2007		9/4/2007		9/6/2007		9/6/2007		9/4/2007		9/6/2007		9/6/2007	
Analyte:	CAS Number	Unit																								
Pesticides																										
4,4-DDD	72-54-8	ug/kg	56000		<950		<1.8		<18		<1.8		<20		<1.8		<21				<1.8		<20		<17	
4,4-DDE	72-55-9	ug/kg	40000		<950		<1.8		<18		<1.8		<20		<1.8		13	J			<1.8		<20		<17	
4,4-DDT	50-29-3	ug/kg	15000		510	J	<2.1		9.6	J	<2.1		8.9	J J	<2.1		21	J J			<2.2		<24		<21	
Aldrin	309-00-2	ug/kg	1000		<950		<1.8		<18		<1.8		<20		<1.8		<21				<1.8		<20		<17	
alpha-BHC	319-84-6	ug/kg	2000		<950		<1.8		<18		<1.8		<20		<1.8		<21				<1.8		<20		<17	
alpha-Chlordane	5103-71-9	ug/kg			<950		<1.8		<18		<1.8		<20		9.7		<21				<1.8		<20		<17	
beta-BHC	319-85-7	ug/kg	7000		<950		<1.8		<18		<1.8		<20		<1.8		<21				<1.8		<20		<17	
delta-BHC	319-86-8	ug/kg			<950		<1.8		<18		<1.8		<20		<1.8		<21				<1.8		<20		<17	
Dieldrin	60-57-1	ug/kg	800		**17000**		9.3		4.4	J J	<1.8		85		2.4		<21				<1.8		<20		<17	
Endosulfan I	959-98-8	ug/kg			<950		<1.8		<18		<1.8		<20		<1.8		<21				<1.8		<20		<17	
Endosulfan II	33213-65-9	ug/kg			<950		<1.8		<18		<1.8		<20		<1.8		<21				<1.8		<20		<17	
Endosulfan sulfate	1031-07-8	ug/kg			<950		<1.8		<18		<1.8		<20		<1.8		<21				<1.8		<20		<17	
Endrin	72-20-8	ug/kg	8000		280	J	<1.8		<18		<1.8		<20		<1.8		<21				<1.8		<20		<17	
Endrin aldehyde	7421-93-4	ug/kg			<950		<1.8		<18		<1.8		<20		<1.8		8.2	J J			<1.8		<20		<17	
Endrin ketone	53494-70-5	ug/kg			<950		1.4	J	<18		<1.8		<20		<1.8		<21				<1.8		<20		<17	
gamma-BHC (Lindane)	58-89-9	ug/kg	9000		<950		<1.8		<18		<1.8		<20		<1.8		<21				<1.8		<20		<17	
gamma-Chlordane	5103-74-2	ug/kg			<950		<1.8		<18		<1.8		40	J	10		<21				<1.8		<20		<17	
Heptachlor	76-44-8	ug/kg	2000		<950		<1.8		<18		<1.8		<20		<1.8		<21				<1.8		<20		<17	
Heptachlor epoxide	1024-57-3	ug/kg	400		<950		<1.8		<18		<1.8		<20		<1.8		<21				<1.8		<20		<17	
Methoxychlor	72-43-5	ug/kg	11000		<1800		0.51	J J	<35		<3.5		<39		<3.5		<40				<3.6		<39		<34	
Toxaphene	8001-35-2	ug/kg	13000		<95000		<180		<1800		<180		<2000		<180		<2100				<180		<2000		<1700	
TPH																										
Diesel Range Organics		mg/kg			39		1.7	J	100		2.3	J	11	J	<10		510				<11		<12		4	J
Gasoline Range Organics		mg/kg			1.7	J B	2.4	J B	1.9	J B	1.9	J B	1.7	J B	1.2	J B	1.7	J B			2.1	J B	1.8	J B	1.5	J B
Explosives																										
2,4-Dinitrotoluene	121-14-2	mg/kg	50	0.001	<0.25		<0.25		<0.25		<0.25		<0.25		<0.25		<0.25				<0.25		<0.25		<0.25	
2,6-Dinitrotoluene	606-20-2	mg/kg	25	0.001	<0.25		<0.25		<0.25		<0.25		<0.25		<0.25		<0.25				<0.25		<0.25		<0.25	
Metals																										
Arsenic	7440-38-2	mg/kg	5	15.1	3.1		1.4	J	**7.4**		1.9	J	**7.5**		1.1	J	**6.2**				1.9	J	**6.3**		2.1	J
Barium	7440-39-3	mg/kg	1200	842	270		27		250		27		120		24		160				23		95		30	
Cadmium	7440-43-9	mg/kg	25	4.4	2.6		0.25	J	1.2		<0.53		0.34	J	<0.52		0.13	J			<0.54		0.12	J	<0.51	
Chromium	7440-47-3	mg/kg	44000/87	1000000/18	28		6.9	J	25		9.7		20		9.1		16				8		15		8.7	
Lead	7439-92-1	mg/kg	300	525	240		3.5	J	30		3.1	J	36		1.6	J	25				2.6	J	15		3.2	J
Mercury	7439-97-6	mg/kg	500	1600	0.55		<0.034		0.11		<0.035		0.044		<0.035		0.047				<0.036		0.039		<0.034	
Selenium	7782-49-2	mg/kg	160	1.5	<3.4		<3.1		<3.2		<3.2		<3.5		<3.1		<3.6				<3.3		<3.6		<3.1	
Silver	7440-22-4	mg/kg	160	3.9	<1.7		<1.6		<1.6		<1.6		<1.8		<1.6		<1.8				<1.6		<1.8		<1.5	
PAHs																										
2-Methylnaphthalene	91-57-6	ug/kg	100000		<370		<340		<350		<350		<390		<350		420		360	J	<360		<390		<340	
Acenaphthene	83-32-9	ug/kg	1200000	50000	37	J	<340		89	J	<350		<390		<350		2400		2100	J	<360		<390		<340	
Acenaphthylene	208-96-8	ug/kg			<370		<340		<350		<350		<390		<350		<400		<2400		<360		<390		<340	
Anthracene	120-12-7	ug/kg	7880000	942000	69	J	<340		230	J	<350		<390		<350		5700		4600		<360		<390		<340	
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP	260	J	<340		1200		<350		<390		<350		8200	E	8000		<360		<390		<340	
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200	220	J	<340		890		<350		42	J	<350		**6800**		**5900**		<360		<390		<340	
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP	390	K	<340		1800	K	<350		75	J K	<350		11000	E K	9500	K	<360		55	J K	<340	
Benzo(ghi)perylene	191-24-2	ug/kg			160	J	<340		590		<350		<390		<350		3200		3000		<360		<390		<340	
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP	<370		<340		<350		<350		<390		<350		<400		<2400		<360		<390		<340	
Chrysene	65-85-0	ug/kg	BaP	BaP	300	J	<340		1300		<350		55	J	<350		8000	E	8200		<360		<390		<340	
Dibenz(a,h)anthracene	111-44-4	ug/kg	BaP	BaP	55	J	<340		270	J	<350		<390		<350		1500		1200	J	<360		<390		<340	
Diphenylamine	86-74-8	ug/kg	700000		<370		<340		<350		<350		<390		<350		<400		<2400		<360		<390		<340	
Fluoranthene	218-01-9	ug/kg	1080000	295000	600		<340		2400		<350		82	J	<350		13000	E	19000		<360		67	J	<340	
Fluorene	84-74-2	ug/kg	850000	47000	36	J	<340		89	J	<350		<390		<350		2600		2100	J	<360		<390		<340	
Indeno(1,2,3-cd)pyrene	131-11-3	ug/kg			130	J	<340		590		<350		<390		<350		3100		2900		<360		<390		<340	
Naphthalene	87-68-3	ug/kg	10000	7500	<370		<340		<350		<350		<390		<350		410		380	J	<360		<390		<340	
Phenanthrene	78-59-1	ug/kg			380		<340		960		<350		<390		<350		13000	E	16000		<360		42	J	<340	
Pyrene	86-30-6	ug/kg	890000	272000	530		<420		2100		<420		82	J	<420		12000	E	16000		<430		65	J	<410	
Other																										
Nitrocellulose	9004-70-0	mg/kg			2.5	B	0.81	B	6.4		1.5	B	1.6	B	0.93	B	2.4	B			<5.4		1.9	B	<5.1	
Percent Moisture		%			10		3.8		5.8		5.8		15		4.6		18				7.8		16		2.7	

Table 13
AOC5
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC5-SS-GP6(0-6INCHES)		FGOW-AOC5-SS-GP6(0-6INCHES) DUP		FGOW-AOC5-S-GP6(2-4FT)		FGOW-AOC5-SS-GP7(0-6INCHES)		FGOW-AOC5-SS-GP7(0-6INCHES)		FGOW-AOC5-S-GP7(2-4FT)		FGOW-AOC5-S-GP7(2-4FT)		FGOW-AOC5-SS-GP8(0-6INCHES)		FGOW-AOC5-SS-GP8(0-6INCHES)		FGOW-AOC5-S-GP8(2-4FT)		FGOW-AOC5-SS-GP9(0-6INCHES)		FGOW-AOC5-S-GP9(2-4FT)
Lab Sample ID:			**Screening Criteria**		D7I070382006		D7I070382013		D7I060355004		D7I070382007		D7I070382007-RE2		D7I060355011		D7J060158004		D7I070382008		D7I070382008-RE2		D7I060355010		D7I070382009		D7I060355009
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID
Sample Date:					9/6/2007		9/6/2007		9/4/2007		9/6/2007		9/6/2007		9/5/2007		10/4/2007		9/6/2007		9/6/2007		9/5/2007		9/6/2007		9/5/2007
Analyte:	CAS Number	Unit																									
Pesticides																											
4,4-DDD	72-54-8	ug/kg	56000		<17		<17		<1.8		<22		<110		<2.0				<22				<1.8		<19		<1.8
4,4-DDE	72-55-9	ug/kg	40000		<17		<17		<1.8		22		<110		0.79	J			10	J			<1.8		15	J	<1.8
4,4-DDT	50-29-3	ug/kg	15000		<20		<20		<2.1		42		<130		0.79	J			43				<2.1		100		<2.1
Aldrin	309-00-2	ug/kg	1000		<17		<17		<1.8		7.6	J J	<110		<2.0				8.3	J			<1.8		<19		<1.8
alpha-BHC	319-84-6	ug/kg	2000		<17		<17		<1.8		<22		<110		<2.0				<22				<1.8		<19		<1.8
alpha-Chlordane	5103-71-9	ug/kg			<17		<17		<1.8		<22		1100	J	24				<22				<1.8		7.5	J	<1.8
beta-BHC	319-85-7	ug/kg	7000		<17		<17		<1.8		<22		<110		<2.0				<22				<1.8		<19		<1.8
delta-BHC	319-86-8	ug/kg			<17		<17		<1.8		<22		<110		<2.0				<22				<1.8		<19		<1.8
Dieldrin	60-57-1	ug/kg	800		<17		<17		<1.8		690	E	760		25				61				<1.8		27	J	<1.8
Endosulfan I	959-98-8	ug/kg			<17		<17		<1.8		<22		<110		0.36	J J			<22				<1.8		<19		<1.8
Endosulfan II	33213-65-9	ug/kg			<17		<17		<1.8		<22		23	J	<2.0				<22				<1.8		7.1	J	<1.8
Endosulfan sulfate	1031-07-8	ug/kg			<17		<17		<1.8		<22		<110		<2.0				<22				<1.8		<19		<1.8
Endrin	72-20-8	ug/kg	8000		<17		<17		<1.8		<22		<110		<2.0				<22				<1.8		<19		<1.8
Endrin aldehyde	7421-93-4	ug/kg			<17		<17		<1.8		<22		<110		<2.0				<22				<1.8		<19		<1.8
Endrin ketone	53494-70-5	ug/kg			<17		<17		<1.8		<22		<110		<2.0				<22				<1.8		<19		<1.8
gamma-BHC (Lindane)	58-89-9	ug/kg	9000		<17		<17		<1.8		<22		<110		<2.0				<22				<1.8		<19		<1.8
gamma-Chlordane	5103-74-2	ug/kg			<17		<17		<1.8		800	E	870		23				<22				<1.8		7.6	J	<1.8
Heptachlor	76-44-8	ug/kg	2000		<17		<17		<1.8		2.9	J	<110		<2.0				<22				<1.8		<19		<1.8
Heptachlor epoxide	1024-57-3	ug/kg	400		<17		<17		<1.8		26	J	<110		2.7	J			<22				<1.8		<19		<1.8
Methoxychlor	72-43-5	ug/kg	11000		<33		<34		<3.5		<43		<210		<3.8				<42				<3.4		<37		<3.4
Toxaphene	8001-35-2	ug/kg	13000		<1700		<1700		<180		<2200		<11000		<200				<2200				<180		<1900		<180
TPH																											
Diesel Range Organics		mg/kg			2	J j	15	j	<11		56				1.4	J			190				29		420		<10
Gasoline Range Organics		mg/kg			1.6	J B	1.4	J B	1.9	J B	1.9	J B					<10		2.1	J B			1.7	J B	1.7	J B	1.6
Explosives																											
2,4-Dinitrotoluene	121-14-2	mg/kg	50	0.001	<0.25		<0.25		<0.25		<0.25				<0.25				<0.25				<0.25		0.35	J	<0.25
2,6-Dinitrotoluene	606-20-2	mg/kg	25	0.001	<0.25		<0.25		<0.25		<0.25				<0.25				<0.25				<0.25		<0.25		<0.25
Metals																											
Arsenic	7440-38-2	mg/kg	5	15.1	1.7	J	1.5	J	2	J	7.5				3.8				6.2				1.3	J	3.9		0.96
Barium	7440-39-3	mg/kg	1200	842	14		14		39		140				67				160				34		120		15
Cadmium	7440-43-9	mg/kg	25	4.4	0.065	J	0.07	J	<0.53		0.89				<0.58				0.45	J			<0.52		1.4		<0.51
Chromium	7440-47-3	mg/kg	44000/87	1000000/18	5.8		6.3		9.5		24				14				17				7.4		15		7.7
Lead	7439-92-1	mg/kg	300	525	3.2	J	3	J	2.1	J	51				5.4	J			43				2.7	J	330		1.9
Mercury	7439-97-6	mg/kg	500	1600	<0.033		<0.034		<0.035		0.093				0.013	J			0.67				<0.034		0.17		<0.034
Selenium	7782-49-2	mg/kg	160	1.5	<3.0		<3.0		<3.2		<3.9				<3.5				<3.8				<3.1		<3.4		<3.1
Silver	7440-22-4	mg/kg	160	3.9	<1.5		<1.5		<1.6		<1.9				<1.7				<1.9				<1.6		<1.7		<1.5
PAHs																											
2-Methylnaphthalene	91-57-6	ug/kg	100000		<330		<340		<350		<430				<380				210	J	180	J	<340		<370		<340
Acenaphthene	83-32-9	ug/kg	1200000	50000	<330		<340		<350		<430				<380				820		800	J	<340		150	J	<340
Acenaphthylene	208-96-8	ug/kg			<330		<340		<350		<430				<380				<420		<1700		<340		<370		<340
Anthracene	120-12-7	ug/kg	7880000	942000	<330		<340		<350		<430				<380				1800		1700		<340		290	J	<340
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP	<330		<340		<350		240	J			<380				3900		3700		48	J	990		<340
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200	<330		<340		<350		240	J			<380				3000		2800		<340		830		<340
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP	<330		<340		<350		410	J K			<380				4700	K	4300	K	50	J K	1400	K	<340
Benzo(ghi)perylene	191-24-2	ug/kg			<330		<340		<350		180	J			<380				1600		1500	J	<340		560		<340
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP	<330		<340		<350		<430				<380				<420		<1700		<340		<370		<340
Chrysene	65-85-0	ug/kg	BaP	BaP	<330		<340		<350		280	J			<380				3600		3400		44	J	1100		<340
Dibenz(a,h)anthracene	111-44-4	ug/kg	BaP	BaP	<330		<340		<350		56	J			<380				710		380	J	<340		220	J	<340
Diphenylamine	86-74-8	ug/kg	700000		<330		<340		<350		<430				<380				<420		<1700		<340		<370		<340
Fluoranthene	218-01-9	ug/kg	1080000	295000	<330		<340		<350		480				<380				8800	E	7500		81	J	2500		<340
Fluorene	84-74-2	ug/kg	850000	47000	<330		<340		<350		<430				<380				930		850	J	<340		140	J	<340
Indeno(1,2,3-cd)pyrene	131-11-3	ug/kg			<330		<340		<350		150	J			<380				1500		1400	J	<340		490		<340
Naphthalene	87-68-3	ug/kg	10000	7500	<330		<340		<350		<430				<380				310	J	310	J	<340		45	J	<340
Phenanthrene	78-59-1	ug/kg			<330		<340		<350		220	J			<380				7500		6000		87	J	1700		<340
Pyrene	86-30-6	ug/kg	890000	272000	<400		<410		<430		500	J			<460				8400		7100		92	J	1900		<410
Other																											
Nitrocellulose	9004-70-0	mg/kg			<5.1		<5.1		<5.3		3.9	B			1.1	B			3.2	B			0.82	B	5	B	<5.1
Percent Moisture		%			1.2		1.6		5.9		23				13				21				4.3		11		2.9

Table 13
AOC5
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:						FGOW-AOC5-SS-GP10(0-6INCHES)	
Lab Sample ID:			**Screening Criteria**			D7I070382010	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs		SOLID	
Sample Date:						9/6/2007	
Analyte:	CAS Number	Unit					
Pesticides							
4,4-DDD	72-54-8	ug/kg	56000			<20	
4,4-DDE	72-55-9	ug/kg	40000			<20	
4,4-DDT	50-29-3	ug/kg	15000			19	J
Aldrin	309-00-2	ug/kg	1000			<20	
alpha-BHC	319-84-6	ug/kg	2000			<20	
alpha-Chlordane	5103-71-9	ug/kg				<20	
beta-BHC	319-85-7	ug/kg	7000			<20	
delta-BHC	319-86-8	ug/kg				<20	
Dieldrin	60-57-1	ug/kg	800			<20	
Endosulfan I	959-98-8	ug/kg				<20	
Endosulfan II	33213-65-9	ug/kg				<20	
Endosulfan sulfate	1031-07-8	ug/kg				<20	
Endrin	72-20-8	ug/kg	8000			<20	
Endrin aldehyde	7421-93-4	ug/kg				<20	
Endrin ketone	53494-70-5	ug/kg				<20	
gamma-BHC (Lindane)	58-89-9	ug/kg	9000			<20	
gamma-Chlordane	5103-74-2	ug/kg				<20	
Heptachlor	76-44-8	ug/kg	2000			<20	
Heptachlor epoxide	1024-57-3	ug/kg	400			<20	
Methoxychlor	72-43-5	ug/kg	11000			<39	
Toxaphene	8001-35-2	ug/kg	13000			<2000	
TPH							
Diesel Range Organics		mg/kg				310	
Gasoline Range Organics		mg/kg			J B	1.6	J B
Explosives							
2,4-Dinitrotoluene	121-14-2	mg/kg	50	0.001		<0.25	
2,6-Dinitrotoluene	606-20-2	mg/kg	25	0.001		<0.25	
Metals							
Arsenic	7440-38-2	mg/kg	5	15.1	J	**6.1**	
Barium	7440-39-3	mg/kg	1200	842		100	
Cadmium	7440-43-9	mg/kg	25	4.4		0.11	J
Chromium	7440-47-3	mg/kg	44000/87	1000000/18		16	
Lead	7439-92-1	mg/kg	300	525	J	15	
Mercury	7439-97-6	mg/kg	500	1600		0.036	J
Selenium	7782-49-2	mg/kg	160	1.5		<3.5	
Silver	7440-22-4	mg/kg	160	3.9		<1.8	
PAHs							
2-Methylnaphthalene	91-57-6	ug/kg	100000			76	J
Acenaphthene	83-32-9	ug/kg	1200000	50000		420	
Acenaphthylene	208-96-8	ug/kg				<390	
Anthracene	120-12-7	ug/kg	7880000	942000		1400	
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP		4700	
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200		**4500**	
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP		7500	K
Benzo(ghi)perylene	191-24-2	ug/kg				2600	
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP		<390	
Chrysene	65-85-0	ug/kg	BaP	BaP		5200	
Dibenz(a,h)anthracene	111-44-4	ug/kg	BaP	BaP		1100	
Diphenylamine	86-74-8	ug/kg	700000			<390	
Fluoranthene	218-01-9	ug/kg	1080000	295000		9100	E
Fluorene	84-74-2	ug/kg	850000	47000		480	
Indeno(1,2,3-cd)pyrene	131-11-3	ug/kg				2500	
Naphthalene	87-68-3	ug/kg	10000	7500		130	J
Phenanthrene	78-59-1	ug/kg				5200	
Pyrene	86-30-6	ug/kg	890000	272000		8700	E
Other							
Nitrocellulose	9004-70-0	mg/kg				2.2	B
Percent Moisture		%				15	

Table 13
AOC5
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC5-SS-GP10(0-6INCHES)		FGOW-AOC5-S-GP10(2-4FT)		FGOW-AOC5-SS-GP11(0-6INCHES)		FGOW-AOC5-S-GP11(2-4FT)		FGOW-AOC5-SS-GP12(0-6INCHES)		FGOW-AOC5-SS-GP12(0-6INCHES) DUP		FGOW-AOC5-S-GP12(2-4FT)	
Lab Sample ID:			**Screening Criteria**		D7I070382010-RE2		D7I060355008		D7I070382011		D7I060355007		D7I070382012		D7I070382014		D7I060355006	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					9/6/2007		9/5/2007		9/6/2007		9/4/2007		9/6/2007		9/6/2007		9/4/2007	
Analyte:	CAS Number	Unit																
Pesticides																		
4,4-DDD	72-54-8	ug/kg	56000				<1.8		<20		<2.0		<21		<21		<1.8	
4,4-DDE	72-55-9	ug/kg	40000				<1.8		<20		<2.0		4.1	J	4.7	J	0.32	J
4,4-DDT	50-29-3	ug/kg	15000				<2.1		10	J	<2.3		7.6	J	8.8	J	0.76	J
Aldrin	309-00-2	ug/kg	1000				<1.8		<20		<2.0		<21		<21		<1.8	
alpha-BHC	319-84-6	ug/kg	2000				<1.8		<20		<2.0		<21		<21		<1.8	
alpha-Chlordane	5103-71-9	ug/kg					<1.8		<20		<2.0		<21		<21		<1.8	
beta-BHC	319-85-7	ug/kg	7000				<1.8		<20		<2.0		<21		<21		<1.8	
delta-BHC	319-86-8	ug/kg					<1.8		<20		<2.0		<21		<21		<1.8	
Dieldrin	60-57-1	ug/kg	800				<1.8		<20		<2.0		<21		<21		<1.8	
Endosulfan I	959-98-8	ug/kg					<1.8		<20		<2.0		<21		<21		<1.8	
Endosulfan II	33213-65-9	ug/kg					<1.8		<20		<2.0		<21		<21		<1.8	
Endosulfan sulfate	1031-07-8	ug/kg					<1.8		<20		<2.0		<21		<21		<1.8	
Endrin	72-20-8	ug/kg	8000				<1.8		<20		<2.0		<21		<21		<1.8	
Endrin aldehyde	7421-93-4	ug/kg					<1.8		<20		<2.0		<21		<21		<1.8	
Endrin ketone	53494-70-5	ug/kg					<1.8		<20		<2.0		<21		<21		<1.8	
gamma-BHC (Lindane)	58-89-9	ug/kg	9000				<1.8		<20		<2.0		<21		<21		<1.8	
gamma-Chlordane	5103-74-2	ug/kg					<1.8		<20		<2.0		<21		<21		<1.8	
Heptachlor	76-44-8	ug/kg	2000				<1.8		<20		<2.0		<21		<21		<1.8	
Heptachlor epoxide	1024-57-3	ug/kg	400				<1.8		<20		<2.0		<21		<21		<1.8	
Methoxychlor	72-43-5	ug/kg	11000				<3.4		<39		<3.8		<41		<41		<3.5	
Toxaphene	8001-35-2	ug/kg	13000				<180		<2000		<200		<2100		<2100		<180	
TPH																		
Diesel Range Organics		mg/kg					<10		170		4	J	3.5	J	4.8	J	<11	
Gasoline Range Organics		mg/kg					1.2	J B	1.7	J B	2.2	J B	1.7	J B	1.5	J B	1.8	J B
Explosives																		
2,4-Dinitrotoluene	121-14-2	mg/kg	50	0.001			<0.25		<0.25		<0.25		<0.25		<0.25		<0.25	
2,6-Dinitrotoluene	606-20-2	mg/kg	25	0.001			<0.25		<0.25		<0.25		<0.25		<0.25		<0.25	
Metals																		
Arsenic	7440-38-2	mg/kg	5	15.1			1.2	J	4.8		**5**		**7.8**		**7.9**		**5.2**	
Barium	7440-39-3	mg/kg	1200	842			19		110		100		160		160		90	
Cadmium	7440-43-9	mg/kg	25	4.4			<0.51		0.084	J	<0.58		0.11	J	0.11	J	<0.53	
Chromium	7440-47-3	mg/kg	44000/87	1000000/18			7.4		15		20		21	J	21		15	
Lead	7439-92-1	mg/kg	300	525			2.2	J	9	J	6.8	J	18		18		7.4	J
Mercury	7439-97-6	mg/kg	500	1600			<0.034		0.032	J	0.04		0.05		0.05		0.021	J
Selenium	7782-49-2	mg/kg	160	1.5			<3.1		<3.5		<3.5		<3.8		<3.7		<3.2	
Silver	7440-22-4	mg/kg	160	3.9			<1.5		<1.8		<1.7		<1.9		<1.9		<1.6	
PAHs																		
2-Methylnaphthalene	91-57-6	ug/kg	100000		<1600		<340		110	J	<380		<410		<410		<350	
Acenaphthene	83-32-9	ug/kg	1200000	50000	380	J	<340		500		<380		<410		<410		<350	
Acenaphthylene	208-96-8	ug/kg			<1600		<340		<390		<380		<410		<410		<350	
Anthracene	120-12-7	ug/kg	7880000	942000	1300	J	45	J	1200		<380		<410		<410		<350	
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP	4700		140	J	2900		<380		<410		<410		<350	
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200	**4100**		140	J	**2300**		<380		<410		<410		<350	
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP	6700	K	220	J K	3600	K	<380		<410		<410		<350	
Benzo(ghi)perylene	191-24-2	ug/kg			2500		85	J	1300		<380		<410		<410		<350	
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP	<1600		<340		<390		<380		<410		<410		<350	
Chrysene	65-85-0	ug/kg	BaP	BaP	4600		160	J	2900		<380		<410		<410		<350	
Dibenz(a,h)anthracene	111-44-4	ug/kg	BaP	BaP	1000	J	<340		520		<380		<410		<410		<350	
Diphenylamine	86-74-8	ug/kg	700000		<1600		<340		<390		<380		<410		<410		<350	
Fluoranthene	218-01-9	ug/kg	1080000	295000	8500		220	J	7100		<380		<410		<410		<350	
Fluorene	84-74-2	ug/kg	850000	47000	440	J	<340		590		<380		<410		<410		<350	
Indeno(1,2,3-cd)pyrene	131-11-3	ug/kg			2300		76	J	1200		<380		<410		<410		<350	
Naphthalene	87-68-3	ug/kg	10000	7500	<1600		<340		120	J	<380		<410		<410		<350	
Phenanthrene	78-59-1	ug/kg			4300		120	J	6000		<380		<410		<410		<350	
Pyrene	86-30-6	ug/kg	890000	272000	8100		260	J	5900		<460		<500		<500		<420	
Other																		
Nitrocellulose	9004-70-0	mg/kg					<5.1		2.6	B	<5.8		2.2	B	2.3	B	<5.3	
Percent Moisture		%					2.9		14		14		20		20		5.2	

Table 14
AOC5
Groundwater Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC5-W-GP7		FGOW-AOC5-W-GP7	FGOW-AOC5-W-GP7	FGOW-AOC5-W-GP7
Lab Sample ID:			**Screening Criteria**		D7I080197001		D7I150223019	D7I200237016	D7I260277007
Sample Matrix:			Drinking Water Criterion	Drinking Water Basis	WATER		WATER	WATER	WATER
Sample Date:					9/6/2007		9/14/2007	9/18/2007	9/14/2007
Analyte:	CAS Number	Unit							
TPH									
Diesel Range Organics		mg/L	200 T	HBV				0.41	
Gasoline Range Organics		ug/L	200 T	HBV	54	J B			
Explosives									
2,4-Dinitrotoluene	121-14-2	ug/L							<0.40
2,6-Dinitrotoluene	606-20-2	ug/L							<0.40
Metals									
Arsenic	7440-38-2	ug/L	10	MCL			<25		
Barium	7440-39-3	ug/L	2000	HRL			130		
Cadmium	7440-43-9	ug/L	4	HRL			<5.0		
Chromium	7440-47-3	ug/L	100	MCL			<15		
Lead	7439-92-1	ug/L	NA	NA			<15		
Mercury	7439-97-6	ug/L	2	MCL			<0.20		
Selenium	7782-49-2	ug/L	30	HRL			<22		
Silver	7440-22-4	ug/L	30	HRL			<15		
PAHs and Diphenylamine									
2-Methylnaphthalene	91-57-6	ug/L			<10				
Acenaphthene	83-32-9	ug/L	400	HRL	<10				
Acenaphthylene	208-96-8	ug/L			<10				
Anthracene	120-12-7	ug/L	2000	HRL	<10				
Benzo(a)anthracene	56-55-3	ug/L	BaP		<10				
Benzo(a)pyrene	50-32-8	ug/L	0.05	HBV	<10				
Benzo(b)fluoranthene	205-99-2	ug/L	BaP		<10				
Benzo(ghi)perylene	191-24-2	ug/L			<10				
Benzo(k)fluoranthene	207-08-9	ug/L	BaP		<10				
Chrysene	218-01-9	ug/L	BaP		<10				
Dibenz(a,h)anthracene	53-70-3	ug/L	BaP		<10				
Diphenylamine	122-39-4	ug/L	200	LHA	<10				
Fluoranthene	206-44-0	ug/L	300	HRL	1.3	J J			
Fluorene	86-73-7	ug/L	300	HRL	<10				
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	BaP		<10				
Naphthalene	91-20-3	ug/L	300	HRL	<10				
Phenanthrene	85-01-8	ug/L			<10				
Pyrene	129-00-0	ug/L	200	HRL	1.6	J J			
Other									
Nitrocellulose	9004-70-0	mg/L					<0.50		

Table 15
AOC6
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC6-SS-TP1(0-.5FT)		FGOW-AOC6-S-TP1(0-.5) DUP		FGOW-AOC6-S-TP1(3FT)		FGOW-AOC6-SS-TP2(0-.5FT)		FGOW-AOC6-S-TP2(2FT)		FGOW-AOC6-SS-TP3(0-.5FT)		FGOW-AOC6-S-TP3(5FT)	
Lab Sample ID:			**Screening Criteria**		D7H090291001		D7H090291013		D7H090291002		D7H090291003		D7H090291004		D7H090291005		D7H090291006	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/7/2007		8/7/2007		8/7/2007		8/7/2007		8/7/2007		8/7/2007		8/7/2007	
Analyte:	CAS Number	Unit																
Metals																		
Arsenic	7440-38-2	mg/kg	5	15.1	2.5	J	1.9	J	1.2	J	**5.6**		2.9		4.4		**14**	
Barium	7440-39-3	mg/kg	1200	842	44		39		20		41		46		100		170	
Cadmium	7440-43-9	mg/kg	25	4.4	<0.53		<0.52		<0.50		0.066	J	0.18	J	0.3	J	1.2	
Chromium	7440-47-3	mg/kg	44000/87	1000000/18	10		8.5		6.4		9.9		13		15		24	
Lead	7439-92-1	mg/kg	300	525	12		10		1.6	J	16		52		39		190	
Mercury	7439-97-6	mg/kg	500	1600	0.038		0.045		<0.033		0.31		0.59		0.74		0.43	
Selenium	7782-49-2	mg/kg	160	1.5	<3.2		<3.1		<3.0		<3.1		<3.1		<3.2		<3.4	
Silver	7440-22-4	mg/kg	160	3.9	<1.6		<1.6		<1.5		0.22	J	0.23	J	0.32	J	1.5	J
PAHs																		
2-Methylnaphthalene	91-57-6	ug/kg	100000		<350		<340		<330		<350		<340		<350		700	J
Acenaphthene	83-32-9	ug/kg	1200000	50000	<350		<340		<330		<350		<340		50	J	7200	
Acenaphthylene	208-96-8	ug/kg			<350		<340		<330		<350		<340		<350		<3800	
Anthracene	120-12-7	ug/kg	7880000	942000	75	J, j	350	j	<330		66	J	48	J	140	J	23000	
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP	250	J, j	1500	j	<330		210	J	220	J	370		54000	
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200	230	J, j	1400	j	<330		220	J	230	J	350		**47000**	
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP	380	K, j	2300	K, j	<330		370	K	390	K	610	K	80000	K E
Benzo(ghi)perylene	191-24-2	ug/kg			130	J, j	760	j	<330		160	J	150	J	230	J	32000	
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP	<350		<340		<330		<350		<340		<350		<3800	
Chrysene	218-01-9	ug/kg	BaP	BaP	260	J, j	1500	j	<330		230	J	220	J	400		54000	
Dibenz(a,h)anthracene	53-70-3	ug/kg	BaP	BaP	47	J	250	J	<330		39	J	41	J	54	J	7300	
Fluoranthene	206-44-0	ug/kg	1080000	295000	430	J, j	2400	j	<330		400		350		800		100000	E
Fluorene	86-73-7	ug/kg	850000	47000	<350		43	J	<330		<350		<340		52	J	8100	
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg			130	J, j	750	j	<330		140	J	140	J	210	J	29000	
Naphthalene	91-20-3	ug/kg	10000	7500	<350		<340		<330		<350		<340		<350		2700	J
Phenanthrene	85-01-8	ug/kg			240	J, j	1100	j	<330		230	J	160	J	570		73000	
Pyrene	129-00-0	ug/kg	890000	272000	400	J, j	2200	j	<400		360	J	340	J	680		98000	E
Other																		
Percent Moisture		%			5.4		4		0.8		4.5		4.1		6.8		12	

Table 15
AOC6
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC6-S-TP3(5FT)		FGOW-AOC6-SS-TP4(0-.5FT)		FGOW-AOC6-S-TP4(4FT)		FGOW-AOC6-SS-TP5(0-.5FT)		FGOW-AOC6-S-TP5(3FT)		FGOW-AOC6-S-TP5(3FT)		FGOW-AOC6-SS-TP6(0-.5FT)		FGOW-AOC6-S-TP6(2FT)
Lab Sample ID:			**Screening Criteria**		D7H090291006-RE2		D7H090291007		D7H090291008		D7H090291009		D7H090291010		D7H090291010-RE2		D7H090291011		D7H090291012
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID
Sample Date:					8/7/2007		8/7/2007		8/7/2007		8/7/2007		8/7/2007		8/7/2007		8/7/2007		8/7/2007
Analyte:	CAS Number	Unit																	
Metals																			
Arsenic	7440-38-2	mg/kg	5	15.1			3.3		1.2	J	3.2		4.5				**5.7**		1.1
Barium	7440-39-3	mg/kg	1200	842			44		12		73		85				170		19
Cadmium	7440-43-9	mg/kg	25	4.4			0.23	J	<0.52		0.64		0.41	J			0.79		<0.52
Chromium	7440-47-3	mg/kg	44000/87	1000000/18			8.9		5.2		15		12				43		5.3
Lead	7439-92-1	mg/kg	300	525			23		1.7	J	58		50				170		1.8
Mercury	7439-97-6	mg/kg	500	1600			0.56		<0.034		0.098		0.13				0.14		<0.035
Selenium	7782-49-2	mg/kg	160	1.5			<3.1		<3.1		<3.6		<3.1				<3.6		<3.1
Silver	7440-22-4	mg/kg	160	3.9			<1.6		<1.6		<1.8		0.24	J			1.1	J	<1.6
PAHs																			
2-Methylnaphthalene	91-57-6	ug/kg	100000		750	J	<3400		<340		<4000		28000	J	27000	J	<390		<350
Acenaphthene	83-32-9	ug/kg	1200000	50000	7900		1400	J	<340		<4000		**130000**		**130000**		150	J	<350
Acenaphthylene	208-96-8	ug/kg			<7500		<3400		<340		<4000		<34000		<68000		<390		<350
Anthracene	120-12-7	ug/kg	7880000	942000	25000		4500		<340		640	J	330000		340000		750		<350
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP	60000		9100		<340		1700	J	530000		520000		2900		<350
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200	**50000**		**7300**		<340		**1700**	J	**490000**		**490000**		**3200**		<350
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP	88000	K	12000	K	<340		3200	J K	780000	K E	810000	K	5200	K	46
Benzo(ghi)perylene	191-24-2	ug/kg			32000		3700		<340		1400	J	350000		330000		2300		<350
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP	<7500		<3400		<340		<4000		<34000		<68000		<390		<350
Chrysene	218-01-9	ug/kg	BaP	BaP	60000		8800		<340		1800	J	530000		530000		3000		<350
Dibenz(a,h)anthracene	53-70-3	ug/kg	BaP	BaP	7000	J	420	J	<340		<4000		94000		76000		680		<350
Fluoranthene	206-44-0	ug/kg	1080000	295000	130000		18000		<340		2900	J	**970000**	E	**1200000**		3800		49
Fluorene	86-73-7	ug/kg	850000	47000	8600		1500	J	<340		<4000		**160000**		**150000**		190	J	<350
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg			30000		3600		<340		1200	J	320000		310000		2100		<350
Naphthalene	91-20-3	ug/kg	10000	7500	2800	J	370	J	<340		<4000		**100000**		**100000**		<390		<350
Phenanthrene	85-01-8	ug/kg			90000		15000		<340		1900	J	880000	E	1000000		2200		44
Pyrene	129-00-0	ug/kg	890000	272000	110000		16000		<410		2600	J	**960000**	E	**1000000**		3700		45
Other																			
Percent Moisture		%					3.8		3.3		18		3.6				16		4.5

Table 15
AOC6
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					
Lab Sample ID:			**Screening Criteria**		
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	
Sample Date:					
Analyte:	CAS Number	Unit			
Metals					
Arsenic	7440-38-2	mg/kg	5	15.1	J
Barium	7440-39-3	mg/kg	1200	842	
Cadmium	7440-43-9	mg/kg	25	4.4	
Chromium	7440-47-3	mg/kg	44000/87	1000000/18	
Lead	7439-92-1	mg/kg	300	525	J
Mercury	7439-97-6	mg/kg	500	1600	
Selenium	7782-49-2	mg/kg	160	1.5	
Silver	7440-22-4	mg/kg	160	3.9	
PAHs					
2-Methylnaphthalene	91-57-6	ug/kg	100000		
Acenaphthene	83-32-9	ug/kg	1200000	50000	
Acenaphthylene	208-96-8	ug/kg			
Anthracene	120-12-7	ug/kg	7880000	942000	
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP	
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200	
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP	J K
Benzo(ghi)perylene	191-24-2	ug/kg			
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP	
Chrysene	218-01-9	ug/kg	BaP	BaP	
Dibenz(a,h)anthracene	53-70-3	ug/kg	BaP	BaP	
Fluoranthene	206-44-0	ug/kg	1080000	295000	J
Fluorene	86-73-7	ug/kg	850000	47000	
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg			
Naphthalene	91-20-3	ug/kg	10000	7500	
Phenanthrene	85-01-8	ug/kg			J
Pyrene	129-00-0	ug/kg	890000	272000	J
Other					
Percent Moisture		%			

Table 16
AOC7A-Northwest Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7A-SS-GP1(0-6INCHES)		FGOW-AOC7A-SS-GP1(0-6INCHES)		FGOW-AOC7A-S-GP1(2-4FT)		FGOW-AOC7A-S-GP1(2-4FT)		FGOW-AOC7A-SS-GP2(0-6INCHES)		FGOW-AOC7A-SS-GP2(0-6INCHES)		FGOW-AOC7A-S-GP2(2-4FT)		FGOW-AOC7A-SS-GP3(0-6INCHES)		FGOW-AOC7A-SS-GP3(0-6INCHES) DUP	
Lab Sample ID:			**Screening Criteria**		D7H160289001		D7H160289001-RE2		D7H110169011		D7H110169011-RE2		D7H160289002		D7H160289002-RE2		D7H110169008		D7H160289003		D7H160289004	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/15/2007		8/15/2007		8/9/2007		8/9/2007		8/15/2007		8/15/2007		8/9/2007		8/15/2007		8/15/2007	
Analyte:	CAS Number	Unit																				
PCBs																						
Aroclor 1016	12674-11-2	ug/kg	1200 T	2100 T																		
Aroclor 1221	11104-28-2	ug/kg	1200 T	2100 T																		
Aroclor 1232	11141-16-5	ug/kg	1200 T	2100 T																		
Aroclor 1242	53469-21-9	ug/kg	1200 T	2100 T																		
Aroclor 1248	12672-29-6	ug/kg	1200 T	2100 T																		
Aroclor 1254	11097-69-1	ug/kg	1200 T	2100 T																		
Aroclor 1260	11096-82-5	ug/kg	1200 T	2100 T																		
Metals																						
Arsenic	7440-38-2	mg/kg	5	15.1	3.8				3.7				4.2				**6.8**		4.9		4.3	
Barium	7440-39-3	mg/kg	1200	842	49				50				69				140		84		79	
Cadmium	7440-43-9	mg/kg	25	4.4	0.25	J			0.049	J			0.15	J			0.085	J	0.21	J	0.15	J
Chromium	7440-47-3	mg/kg	44000/87	1000000/18	15				9.9				19				17		14	J	13	
Lead	7439-92-1	mg/kg	300	525	8.3	J			4.1	J			6.4	J			8.8	J	11		11	
Mercury	7439-97-6	mg/kg	500	1600	0.028	J			0.0039	J			0.019	J			<0.036		0.023	J	0.0066	J
Selenium	7782-49-2	mg/kg	160	1.5	<3.3				<3.1				<3.4				<3.3		<3.6		<3.5	
Silver	7440-22-4	mg/kg	160	3.9	<1.6				<1.6				<1.7				<1.6		<1.8		<1.7	
SVOCs																						
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<360				<340		<3400		<370				<360		<390		<380	
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<360				<340		<3400		<370				<360		<390		<380	
1,2-Diphenylhydrazine	122-66-7	ug/kg			<360				<340		<3400		<370				<360		<390		<380	
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<360				<340		<3400		<370				<360		<390		<380	
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<360				<340		<3400		<370				<360		<390		<380	
2,4,5-Trichlorophenol	95-95-4	ug/kg	1920000		<360				<340		<3400		<370				<360		<390		<380	
2,4,6-Trichlorophenol	88-06-2	ug/kg	595000	210	<360				<340		<3400		<370				<360		<390		<380	
2,4-Dichlorophenol	120-83-2	ug/kg	48000	76	<360				<340		<3400		<370				<360		<390		<380	
2,4-Dimethylphenol	105-67-9	ug/kg	390000	340	<360				<340		<3400		<370				<360		<390		<380	
2,4-Dinitrophenol	51-28-5	ug/kg		14	<1800				<1700		<17000		<1800				<1800		<1900		<1900	
2,4-Dinitrotoluene	121-14-2	ug/kg	50000	1	<360				<340		<3400		<370				<360		<390		<380	
2,6-Dichlorophenol	87-65-0	ug/kg			<360				<340		<3400		<370				<360		<390		<380	
2,6-Dinitrotoluene	606-20-2	ug/kg	25000	1	<360				<340		<3400		<370				<360		<390		<380	
2-Chloronaphthalene	91-58-7	ug/kg			<360				<340		<3400		<370				<360		<390		<380	
2-Chlorophenol	95-57-8	ug/kg		260	<360				<340		<3400		<370				<360		<390		<380	
2-Methylnaphthalene	91-57-6	ug/kg	100000		<360				980		4400		<370				<360		42	J	<380	
2-Methylphenol	95-48-7	ug/kg	75000	64	<360				**370**		<3400		<370				<360		<390		<380	
2-Nitroaniline	88-74-4	ug/kg			<1800				<1700		<17000		<1800				<1800		<1900		<1900	
2-Nitrophenol	88-75-5	ug/kg			<360				<340		<3400		<370				<360		<390		<380	
3,3-Dichlorobenzidine	91-94-1	ug/kg	25000	360	<1800				<1700		<17000		<1800				<1800		<1900		<1900	
3-Methylphenol & 4-Methylphenol	65794-96-9	ug/kg			<360				340		<3400		<370				<360		<390		<380	
3-Nitroaniline	99-09-2	ug/kg			<1800				<1700		<17000		<1800				<1800		<1900		<1900	
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg			<1800				<1700		<17000		<1800				<1800		<1900		<1900	
4-Bromophenyl phenyl ether	101-55-3	ug/kg			<360				<340		<3400		<370				<360		<390		<380	
4-Chloro-3-methylphenol	59-50-7	ug/kg			<360				<340		<3400		<370				<360		<390		<380	
4-Chloroaniline	106-47-8	ug/kg			<360				<340		<3400		<370				<360		<390		<380	
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg			<360				<340		<3400		<370				<360		<390		<380	
4-Nitroaniline	100-01-6	ug/kg			<1800				<1700		<17000		<1800				<1800		<1900		<1900	
4-Nitrophenol	100-02-7	ug/kg			<1800				<1700		<17000		<1800				<1800		<1900		<1900	
Acenaphthene	83-32-9	ug/kg	1200000	50000	55	J			7400	E	8300		120	J			<360		200	J	64	J
Acenaphthylene	208-96-8	ug/kg			<360				<340		<3400		<370				<360		<390		<380	
Anthracene	120-12-7	ug/kg	7880000	942000	130	J			10000	E	12000		310	J			<360		330	J	140	J
Benzidine	92-87-5	ug/kg			<4400				<4200		<42000		<4500				<4400		<4700		<4700	
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP	330	J			14000	E	16000		890				<360		540		260	J
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200	280	J			**8300**	E	**7500**		730				91	J	440		210	J
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP	470	K			8700	E K	18000	K	1200	K			140	J	750	K	370	J K
Benzo(ghi)perylene	191-24-2	ug/kg			140	J			4900		6000		360	J			<360		220	J	120	J
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP	<360				<340		<3400		<370				94	J	<390		<380	
Benzoic acid	65-85-0	ug/kg	5E+07	30000	<1800				<1700		<17000		<1800				<1800		<1900		<1900	
Benzyl alcohol	100-51-6	ug/kg	8700000		<360				<340		<3400		<370				<360		<390		<380	
bis(2-Chloroethoxy)methane	111-91-1	ug/kg			<360				<340		<3400		<370				<360		<390		<380	

Table 16
AOC7A-Northwest Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7A-SS-GP1(0-6INCHES)		FGOW-AOC7A-SS-GP1(0-6INCHES)		FGOW-AOC7A-S-GP1(2-4FT)		FGOW-AOC7A-S-GP1(2-4FT)		FGOW-AOC7A-SS-GP2(0-6INCHES)		FGOW-AOC7A-SS-GP2(0-6INCHES)		FGOW-AOC7A-S-GP2(2-4FT)		FGOW-AOC7A-SS-GP3(0-6INCHES)		FGOW-AOC7A-SS-GP3(0-6INCHES) DUP	
Lab Sample ID:			**Screening Criteria**		D7H160289001		D7H160289001-RE2		D7H110169011		D7H110169011-RE2		D7H160289002		D7H160289002-RE2		D7H110169008		D7H160289003		D7H160289004	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/15/2007		8/15/2007		8/9/2007		8/9/2007		8/15/2007		8/15/2007		8/9/2007		8/15/2007		8/15/2007	
Analyte:	CAS Number	Unit																				
bis(2-Chloroethyl) ether	111-44-4	ug/kg	2500	1	<360				<340		<3400		<370				<360		<390		<380	
bis(2-Chloroisopropyl) ether	108-60-1	ug/kg		670	<360				<340		<3400		<370				<360		<390		<380	
bis(2-Ethylhexyl) phthalate	117-81-7	ug/kg	570000	40000	<360				<340		<3400		<370				<360		<390		<380	
Butyl benzyl phthalate	85-68-7	ug/kg	580000	28000	<360				<340		<3400		<370				<360		<390		<380	
Carbazole	86-74-8	ug/kg	700000		59	J			4900		7400		120	J			<360		260	J	90	J
Chrysene	218-01-9	ug/kg	BaP	BaP	340	J			14000	E	15000		840				<360		590		270	J
Di-n-butyl phthalate	84-74-2	ug/kg	2440000	23000	<360				<340		<3400		<370				<360		<390		<380	
Di-n-octyl phthalate	117-84-0	ug/kg	520000		<360				<340		<3400		<370				<360		<390		<380	
Dibenz(a,h)anthracene	53-70-3	ug/kg	BaP	BaP	<360				2400		<3400		<370				<360		59	J	<380	
Dibenzofuran	132-64-9	ug/kg	104000		<360				3200		6000		<370				<360		140	J	43	J
Diethyl phthalate	84-66-2	ug/kg		18000	<720				<690		<6900		<740				<730		<780		<770	
Dimethyl phthalate	131-11-3	ug/kg		172000	<360				<340		<3400		<370				<360		<390		<380	
Fluoranthene	206-44-0	ug/kg	1080000	295000	750				26000	E	38000		1900				330	J	1500	J	680	
Fluorene	86-73-7	ug/kg	850000	47000	59	J			7100	E	7900		110	J			<360		210	J	91	J
Hexachlorobenzene	118-74-1	ug/kg	5000	320	<360				<340		<3400		<370				<360		<390		<380	
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<360				<340		<3400		<370				<360		<390		<380	
Hexachloroethane	67-72-1	ug/kg		50	<360				<340		<3400		<370				<360		<390		<380	
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg			120	J			4200		<3400		330	J			<360		190	J	100	J
Isophorone	78-59-1	ug/kg		160	<360				<340		<3400		<370				<360		<390		<380	
N-Nitrosodi-n-propylamine	621-64-7	ug/kg	700		<360				<340		<3400		<370				<360		<390		<380	
N-Nitrosodimethylamine	62-75-9	ug/kg		820	<570				<540		<5400		<580				<570		<620		<600	
N-Nitrosodiphenylamine	86-30-6	ug/kg	1950000	880	<360				<340		<3400		<370				<360		<390		<380	
N-Nitrosopyrrolidine	930-55-2	ug/kg			<360				<340		<3400		<370				<360		<390		<380	
Naphthalene	91-20-3	ug/kg	10000	7500	<360				950		4100		<370				<360		91	J	<380	
Nitrobenzene	98-95-3	ug/kg			<360				<340		<3400		<370				<360		<390		<380	
Pentachlorophenol	87-86-5	ug/kg	6000	34	<1800				<1700		<17000		<1800				<1800		<1900		<1900	
Phenanthrene	85-01-8	ug/kg			510				23000	E	44000		1100				<360		1600	J	610	
Phenol	108-95-2	ug/kg	1100000	7800	<360				<340		<3400		<370				<360		<390		<380	
Pyrene	129-00-0	ug/kg	890000	272000	600				16000	E	32000		1600				<440		1100		490	
VOCs																						
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	31000	1400	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
1,1,1-Trichloroethane	71-55-6	ug/kg	140000	3500	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	3500	5	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
1,1,2-Trichloroethane	79-00-5	ug/kg	9000	10	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
1,1-Dichloroethane	75-34-3	ug/kg	34000	180	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
1,1-Dichloroethene	75-35-4	ug/kg	20000	25	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
1,1-Dichloropropene	563-58-6	ug/kg			<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
1,2,3-Trichlorobenzene	87-61-6	ug/kg			<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
1,2,3-Trichloropropane	96-18-4	ug/kg		350	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
1,2,4-Trimethylbenzene	95-63-6	ug/kg	8000		1.1	J J	1.4	J J	<4.7				<5.2		<5.1		<6.6		<5.1		0.68	J J
DBCP	96-12-8	ug/kg		1	<12		<13		<9.3				<10		<10		<13		<10		<9.9	
EDB	106-93-4	ug/kg	300	0.01	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
1,2-Dichloroethane	107-06-2	ug/kg	4000	10	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
1,2-Dichloropropane	78-87-5	ug/kg	4000	11	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
1,3,5-Trimethylbenzene	108-67-8	ug/kg	3000		<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
1,3-Dichloropropane	142-28-9	ug/kg			<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
2,2-Dichloropropane	594-20-7	ug/kg			<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
MEK	78-93-3	ug/kg	5500000	6400	23	J B J	26	J B J	18	J			18	J B J	21	B	21	J	16	J B	17	J B J
2-Chlorotoluene	95-49-8	ug/kg	436000		<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
2-Hexanone	591-78-6	ug/kg			<24		<27		<19				<21		<20		<26		<20		<20	
4-Chlorotoluene	106-43-4	ug/kg			<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
4-Methyl-2-pentanone	108-10-1	ug/kg	1700000	420	<24		<27		<19				<21		<20		<26		<20		<20	
Acetone	67-64-1	ug/kg	340000	700	100	J	130	J	81				100	J	140		110		69		73	J
Benzene	71-43-2	ug/kg	6000	34	1.6	J J	1.6	J J	<4.7				0.54	J J	0.58	J	0.8	J	0.89	J	1.1	J J
Bromobenzene	108-86-1	ug/kg			<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	

Table 16
AOC7A-Northwest Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7A-SS-GP1(0-6INCHES)		FGOW-AOC7A-SS-GP1(0-6INCHES)		FGOW-AOC7A-S-GP1(2-4FT)		FGOW-AOC7A-S-GP1(2-4FT)		FGOW-AOC7A-SS-GP2(0-6INCHES)		FGOW-AOC7A-SS-GP2(0-6INCHES)		FGOW-AOC7A-S-GP2(2-4FT)		FGOW-AOC7A-SS-GP3(0-6INCHES)		FGOW-AOC7A-SS-GP3(0-6INCHES) DUP	
Lab Sample ID:			**Screening Criteria**		D7H160289001		D7H160289001-RE2		D7H110169011		D7H110169011-RE2		D7H160289002		D7H160289002-RE2		D7H110169008		D7H160289003		D7H160289004	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/15/2007		8/15/2007		8/9/2007		8/9/2007		8/15/2007		8/15/2007		8/9/2007		8/15/2007		8/15/2007	
Analyte:	CAS Number	Unit																				
Bromochloromethane	74-97-5	ug/kg		150	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
Bromodichloromethane	75-27-4	ug/kg	10000	13	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
Bromoform	75-25-2	ug/kg	370000	140	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
Bromomethane	74-83-9	ug/kg	700	500	<12		<13		<9.3				<10		<10		<13		<10		<9.9	
Carbon disulfide	75-15-0	ug/kg	65000	2800	1.3	J J	2.2	J J	0.52	J			1.7	J J	2.3	J	<6.6		3.9	J	3.8	J J
Carbon tetrachloride	56-23-5	ug/kg	300	23	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
Chlorobenzene	108-90-7	ug/kg	11000	1100	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
Chloroethane	75-00-3	ug/kg	1000000		<12		<13		<9.3				<10		<10		<13		<10		<9.9	
Chloroform	67-66-3	ug/kg	2500	170	<12		<13		<9.3				<10		<10		<13		<10		<9.9	
Chloromethane	74-87-3	ug/kg	8000	6	<12		<13		<9.3				<10		<10		<13		<10		<9.9	
cis-1,2-Dichloroethene	156-59-2	ug/kg	8000	140	<3.0		<3.4		<2.3				<2.6		<2.5		<3.3		<2.5		<2.5	
cis-1,3-Dichloropropene	10061-01-5	ug/kg		5.00 T	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
Dibromochloromethane	124-48-1	ug/kg	12000	30	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
Dibromomethane	74-95-3	ug/kg	260000		<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
Dichlorodifluoromethane	75-71-8	ug/kg	16000	38000	<12		<13		<9.3				<10		<10		<13		<10		<9.9	
Ethylbenzene	100-41-4	ug/kg	200000	4700	0.89	J J	<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
Isopropylbenzene	98-82-8	ug/kg	30000	18000	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
m-Xylene & p-Xylene	136777-61-2	ug/kg	45000 T	45000 T	<3.0		<3.4		<2.3				<2.6		<2.5		<3.3		<2.5		<2.5	
Methyl tert-butyl ether	1634-04-4	ug/kg		27	<24		<27		<19				<21		<20		<26		<20		<20	
Methylene chloride	75-09-2	ug/kg	97000	68	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
n-Butylbenzene	104-51-8	ug/kg	30000		<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
n-Propylbenzene	103-65-1	ug/kg	30000		<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
Naphthalene	91-20-3	ug/kg	10000	7500	1.1	J J	<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
o-Xylene	95-47-6	ug/kg	45000 T	45000 T	<3.0		<3.4		<2.3				<2.6		<2.5		<3.3		<2.5		<2.5	
p-Isopropyltoluene	99-87-6	ug/kg			<5.9		<6.7		<4.7				3.9	J J	10		<6.6		<5.1		<4.9	
sec-Butylbenzene	135-98-8	ug/kg	25000		<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
Styrene	100-42-5	ug/kg	210000	1900	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
tert-Butylbenzene	98-06-6	ug/kg	30000		<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
Tetrachloroethene	127-18-4	ug/kg	72000	68	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
Toluene	108-88-3	ug/kg	107000	6400	1.9	J J	2	J J	<4.7				1.6	J J	2	J	<6.6		1.1	J	1.5	J J
trans-1,2-Dichloroethene	156-60-5	ug/kg	11000	270	<3.0		<3.4		<2.3				<2.6		<2.5		<3.3		<2.5		<2.5	
trans-1,3-Dichloropropene	10061-02-6	ug/kg		5.00 T	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
Trichloroethene	79-01-6	ug/kg	29000	140	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
Trichlorofluoromethane	75-69-4	ug/kg	67000	22000	<12		<13		<9.3				<10		<10		<13		<10		<9.9	
Vinyl chloride	75-01-4	ug/kg	800	1	<5.9		<6.7		<4.7				<5.2		<5.1		<6.6		<5.1		<4.9	
Other																						
Percent Moisture		%			8.6				4.3				10				9		16		14	

Table 16
AOC7A-Northwest Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7A-SS-GP3(0-6INCHES)DUP		FGOW-AOC7A-S-GP3(2-4FT)		FGOW-AOC7A-SS-GP4(0-6INCHES)		FGOW-AOC7A-SS-GP4(0-6INCHES)		FGOW-AOC7A-S-GP4(2-4FT)		FGOW-AOC7A-SS-GP5(0-6INCHES)		FGOW-AOC7A-S-GP5(2-4FT)		FGOW-AOC7A-SS-GP6(0-6INCHES)		FGOW-AOC7A-S-GP6(2-4FT)		FGOW-AOC7A-SS-GP7(0-6INCHES)	
Lab Sample ID:			**Screening Criteria**		D7H160289004-RE2		D7H110169006		D7H160289005		D7H160289005-RE2		D7H110169007		D7H160289010		D7H110169010		D7H160289011		D7H110169012		D7H160289012	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/15/2007		8/9/2007		8/15/2007		8/15/2007		8/9/2007		8/15/2007		8/10/2007		8/15/2007		8/10/2007		8/15/2007	
Analyte:	CAS Number	Unit																						
PCBs																								
Aroclor 1016	12674-11-2	ug/kg	1200 T	2100 T											<450		<340		<35		<35			
Aroclor 1221	11104-28-2	ug/kg	1200 T	2100 T											<450		<340		<35		<35			
Aroclor 1232	11141-16-5	ug/kg	1200 T	2100 T											<450		<340		<35		<35			
Aroclor 1242	53469-21-9	ug/kg	1200 T	2100 T											<450		<340		<35		<35			
Aroclor 1248	12672-29-6	ug/kg	1200 T	2100 T											<450		<340		<35		<35			
Aroclor 1254	11097-69-1	ug/kg	1200 T	2100 T											<450		<340		<35		<35			
Aroclor 1260	11096-82-5	ug/kg	1200 T	2100 T											3100		3400		39	J	<35			
Metals																								
Arsenic	7440-38-2	mg/kg	5	15.1			4.2		4.7				5.9		4.1		3		2.6	J	2.7		2.7	J
Barium	7440-39-3	mg/kg	1200	842			60		74				88		38		33		35		33		45	
Cadmium	7440-43-9	mg/kg	25	4.4			0.065	J	0.16	J			0.063	J	0.75		<0.52		0.35	J	<0.54		0.055	J
Chromium	7440-47-3	mg/kg	44000/87	1000000/18			10		14				14		16		9.2		12		8.5		11	
Lead	7439-92-1	mg/kg	300	525			5.6	J	12	J			6.5	J	46		13		28		2100		4.2	J
Mercury	7439-97-6	mg/kg	500	1600			0.0052	J	0.11				<0.034		0.036	J	<0.034		0.05		<0.035		0.012	J
Selenium	7782-49-2	mg/kg	160	1.5			<3.1		<4.3				<3.1		<4.1		<3.1		<3.2		<3.2		<3.6	
Silver	7440-22-4	mg/kg	160	3.9			<1.5		<2.2				<1.5		<2.1		<1.5		<1.6		<1.6		<1.8	
SVOCs																								
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310			<340		<480				<340		<450		<340		<350		<350		<390	
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100			<340		<480				<340		<450		<340		<350		<350		<390	
1,2-Diphenylhydrazine	122-66-7	ug/kg					<340		<480				<340		<450		<340		<350		<350		<390	
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200			<340		<480				<340		<450		<340		<350		<350		<390	
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130			<340		<480				<340		<450		<340		<350		<350		<390	
2,4,5-Trichlorophenol	95-95-4	ug/kg	1920000				<340		<480				<340		<450		<340		<350		<350		<390	
2,4,6-Trichlorophenol	88-06-2	ug/kg	595000	210			<340		<480				<340		<450		<340		<350		<350		<390	
2,4-Dichlorophenol	120-83-2	ug/kg	48000	76			<340		<480				<340		<450		<340		<350		<350		<390	
2,4-Dimethylphenol	105-67-9	ug/kg	390000	340			<340		<480				<340		<450		<340		<350		<350		<390	
2,4-Dinitrophenol	51-28-5	ug/kg		14			<1700		<2300				<1600		<2200		<1700		<1700		<1700		<1900	
2,4-Dinitrotoluene	121-14-2	ug/kg	50000	1			<340		<480				<340		<450		<340		<350		<350		<390	
2,6-Dichlorophenol	87-65-0	ug/kg					<340		<480				<340		<450		<340		<350		<350		<390	
2,6-Dinitrotoluene	606-20-2	ug/kg	25000	1			<340		<480				<340		<450		<340		<350		<350		<390	
2-Chloronaphthalene	91-58-7	ug/kg					<340		<480				<340		<450		<340		<350		<350		<390	
2-Chlorophenol	95-57-8	ug/kg		260			<340		<480				<340		<450		<340		<350		<350		<390	
2-Methylnaphthalene	91-57-6	ug/kg	100000				<340		<480				<340		<450		<340		89	J	<350		<390	
2-Methylphenol	95-48-7	ug/kg	75000	64			<340		<480				<340		<450		<340		<350		<350		<390	
2-Nitroaniline	88-74-4	ug/kg					<1700		<2300				<1600		<2200		<1700		<1700		<1700		<1900	
2-Nitrophenol	88-75-5	ug/kg					<340		<480				<340		<450		<340		<350		<350		<390	
3,3-Dichlorobenzidine	91-94-1	ug/kg	25000	360			<1700		<2300				<1600		<2200		<1700		<1700		<1700		<1900	
3-Methylphenol & 4-Methylphenol	65794-96-9	ug/kg					<340		<480				<340		<450		<340		<350		<350		<390	
3-Nitroaniline	99-09-2	ug/kg					<1700		<2300				120	J	<2200		<1700		<1700		<1700		<1900	
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg					<1700		<2300				<1600		<2200		<1700		<1700		<1700		<1900	
4-Bromophenyl phenyl ether	101-55-3	ug/kg					<340		<480				<340		<450		<340		<350		<350		<390	
4-Chloro-3-methylphenol	59-50-7	ug/kg					<340		<480				<340		<450		<340		<350		<350		<390	
4-Chloroaniline	106-47-8	ug/kg					<340		<480				<340		<450		<340		<350		<350		<390	
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg					<340		<480				<340		<450		<340		<350		<350		<390	
4-Nitroaniline	100-01-6	ug/kg					<1700		<2300				200	J	<2200		<1700		<1700		<1700		<1900	
4-Nitrophenol	100-02-7	ug/kg					<1700		<2300				<1600		<2200		<1700		<1700		<1700		<1900	
Acenaphthene	83-32-9	ug/kg	1200000	50000			<340		<480				350		300	J	<340		470		370		<390	
Acenaphthylene	208-96-8	ug/kg					<340		<480				<340		<450		<340		<350		<350		<390	
Anthracene	120-12-7	ug/kg	7880000	942000			350		<480				340		630		<340		770		370		<390	
Benzidine	92-87-5	ug/kg					<4100		<5800				<4100		<5500		<4100		<4300		<4300		<4800	
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP			47	J	100	J			40	J	1400		<340		2000		<350		<390	
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200			<340		98	J			97	J	1200		<340		1800		<350		<390	
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP			160	J	180	J K			150	J	2100	K	<340		3200	K	<350		<390	
Benzo(ghi)perylene	191-24-2	ug/kg					<340		48	J			<340		640		<340		890		<350		<390	
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP			100	J	<480				93	J	<450		<340		<350		<350		<390	
Benzoic acid	65-85-0	ug/kg	5E+07	30000			<1700		<2300				<1600		<2200		<1700		<1700		<1700		<1900	
Benzyl alcohol	100-51-6	ug/kg	8700000				<340		<480				<340		<450		<340		<350		<350		<390	
bis(2-Chloroethoxy)methane	111-91-1	ug/kg					<340		<480				<340		<450		<340		<350		<350		<390	

Table 16
AOC7A-Northwest Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7A-SS-GP3(0-6INCHES)DUP		FGOW-AOC7A-S-GP3(2-4FT)		FGOW-AOC7A-SS-GP4(0-6INCHES)		FGOW-AOC7A-SS-GP4(0-6INCHES)		FGOW-AOC7A-S-GP4(2-4FT)		FGOW-AOC7A-SS-GP5(0-6INCHES)		FGOW-AOC7A-S-GP5(2-4FT)		FGOW-AOC7A-SS-GP6(0-6INCHES)		FGOW-AOC7A-S-GP6(2-4FT)		FGOW-AOC7A-SS-GP7(0-6INCHES)	
Lab Sample ID:			**Screening Criteria**		D7H160289004-RE2		D7H110169006		D7H160289005		D7H160289005-RE2		D7H110169007		D7H160289010		D7H110169010		D7H160289011		D7H110169012		D7H160289012	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/15/2007		8/9/2007		8/15/2007		8/15/2007		8/9/2007		8/15/2007		8/10/2007		8/15/2007		8/10/2007		8/15/2007	
Analyte:	CAS Number	Unit																						
bis(2-Chloroethyl) ether	111-44-4	ug/kg	2500	1			<340		<480				<340		<450		<340		<350		<350		<390	
bis(2-Chloroisopropyl) ether	108-60-1	ug/kg		670			<340		<480				<340		<450		<340		<350		<350		<390	
bis(2-Ethylhexyl) phthalate	117-81-7	ug/kg	570000	40000			<340		79	J			<340		<450		<340		<350		<350		<390	
Butyl benzyl phthalate	85-68-7	ug/kg	580000	28000			<340		<480				<340		<450		<340		<350		<350		<390	
Carbazole	86-74-8	ug/kg	700000				400		<480				390		400	J	<340		570		420		<390	
Chrysene	218-01-9	ug/kg	BaP	BaP			43	J	120	J			42	J	1400		<340		2200		45	J	<390	
Di-n-butyl phthalate	84-74-2	ug/kg	2440000	23000			<340		<480				<340		<450		<340		<350		<350		<390	
Di-n-octyl phthalate	117-84-0	ug/kg	520000				<340		<480				<340		<450		<340		<350		<350		<390	
Dibenz(a,h)anthracene	53-70-3	ug/kg	BaP	BaP			<340		<480				<340		<450		<340		<350		<350		<390	
Dibenzofuran	132-64-9	ug/kg	104000				<340		<480				<340		160	J	<340		280	J	400		<390	
Diethyl phthalate	84-66-2	ug/kg		18000			<680		<960				<680		<910		<680		<700		<710		<780	
Dimethyl phthalate	131-11-3	ug/kg		172000			<340		<480				<340		<450		<340		<350		<350		<390	
Fluoranthene	206-44-0	ug/kg	1080000	295000			330	J	210	J			320	J	3700		<340		5700		370		<390	
Fluorene	86-73-7	ug/kg	850000	47000			<340		<480				<340		300	J	<340		500		360		<390	
Hexachlorobenzene	118-74-1	ug/kg	5000	320			<340		<480				<340		<450		<340		<350		<350		<390	
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000			<340		<480				<340		<450		<340		<350		<350		<390	
Hexachloroethane	67-72-1	ug/kg		50			<340		<480				<340		<450		<340		<350		<350		<390	
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg					<340		54	J			<340		550		<340		780		<350		<390	
Isophorone	78-59-1	ug/kg		160			<340		<480				<340		<450		<340		<350		<350		<390	
N-Nitrosodi-n-propylamine	621-64-7	ug/kg	700				<340		<480				<340		<450		<340		<350		<350		<390	
N-Nitrosodimethylamine	62-75-9	ug/kg		820			<540		<750				<540		<720		<540		<560		<560		<620	
N-Nitrosodiphenylamine	86-30-6	ug/kg	1950000	880			<340		<480				350		<450		<340		<350		<350		<390	
N-Nitrosopyrrolidine	930-55-2	ug/kg					<340		<480				<340		<450		<340		<350		<350		<390	
Naphthalene	91-20-3	ug/kg	10000	7500			<340		<480				<340		59	J	<340		190	J	<350		<390	
Nitrobenzene	98-95-3	ug/kg					<340		<480				<340		<450		<340		<350		<350		<390	
Pentachlorophenol	87-86-5	ug/kg	6000	34			<1700		<2300				<1600		<2200		<1700		<1700		<1700		<1900	
Phenanthrene	85-01-8	ug/kg					340		90	J			320	J	2800		<340		4600		380		<390	
Phenol	108-95-2	ug/kg	1100000	7800			<340		<480				<340		<450		<340		<350		<350		<390	
Pyrene	129-00-0	ug/kg	890000	272000			<410		180	J			<410		2700		<410		4200		53	J	<480	
VOCs																								
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	31000	1400	<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
1,1,1-Trichloroethane	71-55-6	ug/kg	140000	3500	<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	3500	5	<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
1,1,2-Trichloroethane	79-00-5	ug/kg	9000	10	<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
1,1-Dichloroethane	75-34-3	ug/kg	34000	180	<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
1,1-Dichloroethene	75-35-4	ug/kg	20000	25	<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
1,1-Dichloropropene	563-58-6	ug/kg			<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
1,2,3-Trichlorobenzene	87-61-6	ug/kg			<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
1,2,3-Trichloropropane	96-18-4	ug/kg		350	<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
1,2,4-Trimethylbenzene	95-63-6	ug/kg	8000		0.72	J J	0.61	J	<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
DBCP	96-12-8	ug/kg		1	<9.4		<8.9		<12		<13		<11		<15		<9.8		<11		<12		<11	
EDB	106-93-4	ug/kg	300	0.01	<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
1,2-Dichloroethane	107-06-2	ug/kg	4000	10	<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
1,2-Dichloropropane	78-87-5	ug/kg	4000	11	<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
1,3,5-Trimethylbenzene	108-67-8	ug/kg	3000		<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
1,3-Dichloropropane	142-28-9	ug/kg			<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
2,2-Dichloropropane	594-20-7	ug/kg			<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
MEK	78-93-3	ug/kg	5500000	6400	16	J B J	12	J	21	J B J	20	J B	13	J	72	B J	38		41	B J	15	J	17	J B J
2-Chlorotoluene	95-49-8	ug/kg	436000		<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
2-Hexanone	591-78-6	ug/kg			<19		<18		<25		<26		<21		<30		<20		<23		<25		<21	
4-Chlorotoluene	106-43-4	ug/kg			<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	
4-Methyl-2-pentanone	108-10-1	ug/kg	1700000	420	<19		<18		<25		<26		<21		<30		<20		<23		<25		<21	
Acetone	67-64-1	ug/kg	340000	700	75	J	59		91	J	87		47		250	J	140		180	J	39		89	J
Benzene	71-43-2	ug/kg	6000	34	0.84	J J	0.63	J	0.91	J J	1	J	<5.4		2.2	J J	<4.9		2	J J	0.71	J	<5.3	
Bromobenzene	108-86-1	ug/kg			<4.7		<4.4		<6.2		<6.4		<5.4		<7.6		<4.9		<5.7		<6.2		<5.3	

Table 16
AOC7A-Northwest Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7A-SS-GP3(0-6INCHES)DUP		FGOW-AOC7A-S-GP3(2-4FT)		FGOW-AOC7A-SS-GP4(0-6INCHES)		FGOW-AOC7A-SS-GP4(0-6INCHES)		FGOW-AOC7A-S-GP4(2-4FT)	FGOW-AOC7A-SS-GP5(0-6INCHES)		FGOW-AOC7A-S-GP5(2-4FT)		FGOW-AOC7A-SS-GP6(0-6INCHES)		FGOW-AOC7A-S-GP6(2-4FT)	FGOW-AOC7A-SS-GP7(0-6INCHES)	
Lab Sample ID:			**Screening Criteria**		D7H160289004-RE2		D7H110169006		D7H160289005		D7H160289005-RE2		D7H110169007	D7H160289010		D7H110169010		D7H160289011		D7H110169012	D7H160289012	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID	SOLID		SOLID		SOLID		SOLID	SOLID	
Sample Date:					8/15/2007		8/9/2007		8/15/2007		8/15/2007		8/9/2007	8/15/2007		8/10/2007		8/15/2007		8/10/2007	8/15/2007	
Analyte:	CAS Number	Unit																				
Bromochloromethane	74-97-5	ug/kg		150	<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
Bromodichloromethane	75-27-4	ug/kg	10000	13	<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
Bromoform	75-25-2	ug/kg	370000	140	<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
Bromomethane	74-83-9	ug/kg	700	500	<9.4		<8.9		<12		<13		<11	<15		<9.8		<11		<12	<11	
Carbon disulfide	75-15-0	ug/kg	65000	2800	4.5	J J	4.4		7.1	J	6.4		<5.4	<7.6		0.8	J	<5.7		<6.2	<5.3	
Carbon tetrachloride	56-23-5	ug/kg	300	23	<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
Chlorobenzene	108-90-7	ug/kg	11000	1100	<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
Chloroethane	75-00-3	ug/kg	1000000		<9.4		<8.9		<12		<13		<11	<15		<9.8		<11		<12	<11	
Chloroform	67-66-3	ug/kg	2500	170	<9.4		<8.9		<12		<13		<11	<15		<9.8		<11		<12	<11	
Chloromethane	74-87-3	ug/kg	8000	6	<9.4		<8.9		<12		<13		<11	<15		<9.8		<11		<12	<11	
cis-1,2-Dichloroethene	156-59-2	ug/kg	8000	140	<2.4		<2.2		<3.1		<3.2		<2.7	<3.8		<2.5		<2.8		<3.1	<2.7	
cis-1,3-Dichloropropene	10061-01-5	ug/kg		5.00 T	<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
Dibromochloromethane	124-48-1	ug/kg	12000	30	<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
Dibromomethane	74-95-3	ug/kg	260000		<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
Dichlorodifluoromethane	75-71-8	ug/kg	16000	38000	<9.4		<8.9		<12		<13		<11	<15		<9.8		<11		<12	<11	
Ethylbenzene	100-41-4	ug/kg	200000	4700	<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		0.94	J J	<6.2	<5.3	
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
Isopropylbenzene	98-82-8	ug/kg	30000	18000	<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
m-Xylene & p-Xylene	136777-61-2	ug/kg	45000 T	45000 T	<2.4		<2.2		<3.1		<3.2		<2.7	<3.8		<2.5		<2.8		<3.1	<2.7	
Methyl tert-butyl ether	1634-04-4	ug/kg		27	<19		<18		<25		<26		<21	<30		<20		<23		<25	<21	
Methylene chloride	75-09-2	ug/kg	97000	68	<4.7		<4.4		<6.2		1.2	J	<5.4	<7.6		<4.9		<5.7		<6.2	0.9	J J
n-Butylbenzene	104-51-8	ug/kg	30000		<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
n-Propylbenzene	103-65-1	ug/kg	30000		<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
Naphthalene	91-20-3	ug/kg	10000	7500	<4.7		<4.4		<6.2		<6.4		<5.4	0.98	J J	<4.9		<5.7		<6.2	<5.3	
o-Xylene	95-47-6	ug/kg	45000 T	45000 T	<2.4		<2.2		<3.1		<3.2		<2.7	<3.8		<2.5		<2.8		<3.1	<2.7	
p-Isopropyltoluene	99-87-6	ug/kg			<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
sec-Butylbenzene	135-98-8	ug/kg	25000		<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
Styrene	100-42-5	ug/kg	210000	1900	<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
tert-Butylbenzene	98-06-6	ug/kg	30000		<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
Tetrachloroethene	127-18-4	ug/kg	72000	68	<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
Toluene	108-88-3	ug/kg	107000	6400	1.1	J J	0.89	J	1.2	J J	1.1	J	<5.4	2.1	J J	0.76	J	2.4	J J	1.1	J	1	J J
trans-1,2-Dichloroethene	156-60-5	ug/kg	11000	270	<2.4		<2.2		<3.1		<3.2		<2.7	<3.8		<2.5		<2.8		<3.1	<2.7	
trans-1,3-Dichloropropene	10061-02-6	ug/kg		5.00 T	<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
Trichloroethene	79-01-6	ug/kg	29000	140	<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
Trichlorofluoromethane	75-69-4	ug/kg	67000	22000	<9.4		<8.9		<12		<13		<11	<15		<9.8		<11		<12	<11	
Vinyl chloride	75-01-4	ug/kg	800	1	<4.7		<4.4		<6.2		<6.4		<5.4	<7.6		<4.9		<5.7		<6.2	<5.3	
Other																						
Percent Moisture		%					3.2		31				2.8	27		3.2		6.4		6.6	16	

Table 16
AOC7A-Northwest Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7A-S-GP7(2-4FT)		FGOW-AOC7A-SS-SS1(0-6INCHES)		FGOW-AOC7A-SS-SS2(0-6INCHES)		FGOW-AOC7A-SS-SS3(0-6INCHES)		FGOW-AOC7A-SS-SS3(0-6INCHES)		FGOW-AOC7A-SS-SS4(0-6INCHES)		FGOW-AOC7A-SS-SS4(0-6INCHES)	
Lab Sample ID:			**Screening Criteria**		D7H110169009		D7H160289009		D7H160289008		D7H160289007		D7H160289007-RE2		D7H160289006		D7H160289006-RE2	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/10/2007		8/15/2007		8/15/2007		8/15/2007		8/15/2007		8/15/2007		8/15/2007	
Analyte:	CAS Number	Unit																
PCBs																		
Aroclor 1016	12674-11-2	ug/kg	1200 T	2100 T			<2200		<410		<220				<230			
Aroclor 1221	11104-28-2	ug/kg	1200 T	2100 T			<2200		<410		<220				<230			
Aroclor 1232	11141-16-5	ug/kg	1200 T	2100 T			<2200		<410		<220				<230			
Aroclor 1242	53469-21-9	ug/kg	1200 T	2100 T			<2200		<410		<220				<230			
Aroclor 1248	12672-29-6	ug/kg	1200 T	2100 T			<2200		<410		<220				<230			
Aroclor 1254	11097-69-1	ug/kg	1200 T	2100 T			**8800**		<410		<220				<230			
Aroclor 1260	11096-82-5	ug/kg	1200 T	2100 T			**17000**		**3200**		**2100**				**1300**			
Metals																		
Arsenic	7440-38-2	mg/kg	5	15.1	2.9		3.1	J	3	J	4.2				3.9			
Barium	7440-39-3	mg/kg	1200	842	33		63		52		120				77			
Cadmium	7440-43-9	mg/kg	25	4.4	0.05	J	1.5		0.71		1.3				1.5			
Chromium	7440-47-3	mg/kg	44000/87	1000000/18	8.5		12		40		12				15			
Lead	7439-92-1	mg/kg	300	525	2.8	J	**440**		140		**520**				240			
Mercury	7439-97-6	mg/kg	500	1600	<0.034		0.19		0.048		0.073				0.093			
Selenium	7782-49-2	mg/kg	160	1.5	<3.1		<4.0		<3.7		<4.0				<4.2			
Silver	7440-22-4	mg/kg	160	3.9	<1.6		0.22	J	<1.9		<2.0				<2.1			
SVOCs																		
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<340		<8800		<4100		<18000				<1900		<3700	
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<340		<8800		<4100		<18000				<1900		<3700	
1,2-Diphenylhydrazine	122-66-7	ug/kg			<340		<8800		<4100		<18000				<1900		<3700	
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<340		<8800		<4100		<18000				<1900		<3700	
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<340		<8800		<4100		<18000				<1900		<3700	
2,4,5-Trichlorophenol	95-95-4	ug/kg	1920000		<340		<8800		<4100		<18000				<1900		<3700	
2,4,6-Trichlorophenol	88-06-2	ug/kg	595000	210	<340		<8800		<4100		<18000				<1900		<3700	
2,4-Dichlorophenol	120-83-2	ug/kg	48000	76	<340		<8800		<4100		<18000				<1900		<3700	
2,4-Dimethylphenol	105-67-9	ug/kg	390000	340	<340		<8800		<4100		<18000				<1900		<3700	
2,4-Dinitrophenol	51-28-5	ug/kg		14	<1700		<43000		<20000		<85000				<9000		<18000	
2,4-Dinitrotoluene	121-14-2	ug/kg	50000	1	<340		<8800		<4100		<18000				<1900		<3700	
2,6-Dichlorophenol	87-65-0	ug/kg			<340		<8800		<4100		<18000				<1900		<3700	
2,6-Dinitrotoluene	606-20-2	ug/kg	25000	1	<340		<8800		<4100		<18000				<1900		<3700	
2-Chloronaphthalene	91-58-7	ug/kg			<340		<8800		<4100		<18000				<1900		<3700	
2-Chlorophenol	95-57-8	ug/kg		260	<340		<8800		<4100		<18000				<1900		<3700	
2-Methylnaphthalene	91-57-6	ug/kg	100000		<340		3800	J	1600	J	3800	J			950	J	900	J
2-Methylphenol	95-48-7	ug/kg	75000	64	<340		<8800		<4100		<18000				<1900		<3700	
2-Nitroaniline	88-74-4	ug/kg			<1700		<43000		<20000		<85000				<9000		<18000	
2-Nitrophenol	88-75-5	ug/kg			<340		<8800		<4100		<18000				<1900		<3700	
3,3-Dichlorobenzidine	91-94-1	ug/kg	25000	360	<1700		<43000		<20000		<85000				<9000		<18000	
3-Methylphenol & 4-Methylphenol	65794-96-9	ug/kg			<340		<8800		<4100		<18000				<1900		<3700	
3-Nitroaniline	99-09-2	ug/kg			<1700		<43000		<20000		<85000				<9000		<18000	
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg			<1700		<43000		<20000		<85000				<9000		<18000	
4-Bromophenyl phenyl ether	101-55-3	ug/kg			<340		<8800		<4100		<18000				<1900		<3700	
4-Chloro-3-methylphenol	59-50-7	ug/kg			<340		<8800		<4100		<18000				<1900		<3700	
4-Chloroaniline	106-47-8	ug/kg			<340		<8800		<4100		<18000				<1900		<3700	
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg			<340		<8800		<4100		<18000				<1900		<3700	
4-Nitroaniline	100-01-6	ug/kg			<1700		<43000		<20000		<85000				<9000		<18000	
4-Nitrophenol	100-02-7	ug/kg			<1700		<43000		<20000		<85000				<9000		<18000	
Acenaphthene	83-32-9	ug/kg	1200000	50000	<340		15000		8500		22000				4700		4600	
Acenaphthylene	208-96-8	ug/kg			<340		<8800		<4100		<18000				<1900		<3700	
Anthracene	120-12-7	ug/kg	7880000	942000	<340		23000		11000		43000				8400		8100	
Benzidine	92-87-5	ug/kg			<4100		<110000		<50000		<210000				<22000		<45000	
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP	<340		44000		25000		110000				14000		13000	
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200	<340		**38000**		**20000**		**85000**				**11000**		**10000**	
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP	<340		67000	K	36000	K	160000	K			19000	K	18000	K
Benzo(ghi)perylene	191-24-2	ug/kg			<340		18000		9500		44000				5300		5200	
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP	<340		<8800		<4100		<18000				<1900		<3700	
Benzoic acid	65-85-0	ug/kg	5E+07	30000	<1700		<43000		<20000		<85000				<9000		<18000	
Benzyl alcohol	100-51-6	ug/kg	8700000		<340		<8800		<4100		<18000				<1900		<3700	
bis(2-Chloroethoxy)methane	111-91-1	ug/kg			<340		<8800		<4100		<18000				<1900		<3700	

Table 16
AOC7A-Northwest Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7A-S-GP7(2-4FT)		FGOW-AOC7A-SS-SS1(0-6INCHES)		FGOW-AOC7A-SS-SS2(0-6INCHES)		FGOW-AOC7A-SS-SS3(0-6INCHES)		FGOW-AOC7A-SS-SS3(0-6INCHES)		FGOW-AOC7A-SS-SS4(0-6INCHES)		FGOW-AOC7A-SS-SS4(0-6INCHES)	
Lab Sample ID:			**Screening Criteria**		D7H110169009		D7H160289009		D7H160289008		D7H160289007		D7H160289007-RE2		D7H160289006		D7H160289006-RE2	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/10/2007		8/15/2007		8/15/2007		8/15/2007		8/15/2007		8/15/2007		8/15/2007	
Analyte:	CAS Number	Unit																
bis(2-Chloroethyl) ether	111-44-4	ug/kg	2500	1	<340		<8800		<4100		<18000				<1900		<3700	
bis(2-Chloroisopropyl) ether	108-60-1	ug/kg		670	<340		<8800		<4100		<18000				<1900		<3700	
bis(2-Ethylhexyl) phthalate	117-81-7	ug/kg	570000	40000	<340		<8800		<4100		<18000				<1900		<3700	
Butyl benzyl phthalate	85-68-7	ug/kg	580000	28000	<340		<8800		<4100		<18000				<1900		<3700	
Carbazole	86-74-8	ug/kg	700000		<340		17000		9300		31000				5500		5300	
Chrysene	218-01-9	ug/kg	BaP	BaP	<340		48000		26000		110000				14000		14000	
Di-n-butyl phthalate	84-74-2	ug/kg	2440000	23000	<340		<8800		<4100		<18000				<1900		<3700	
Di-n-octyl phthalate	117-84-0	ug/kg	520000		<340		<8800		<4100		<18000				<1900		<3700	
Dibenz(a,h)anthracene	53-70-3	ug/kg	BaP	BaP	<340		5400	J	3800	J	14000	J			1700	J	1400	J
Dibenzofuran	132-64-9	ug/kg	104000		<340		10000		5700		12000	J			3100		3000	J
Diethyl phthalate	84-66-2	ug/kg		18000	<680		<18000		<8200		<35000				<3700		<7400	
Dimethyl phthalate	131-11-3	ug/kg		172000	<340		<8800		<4100		<18000				<1900		<3700	
Fluoranthene	206-44-0	ug/kg	1080000	295000	<340		130000		75000		**300000**				40000	E	36000	
Fluorene	86-73-7	ug/kg	850000	47000	<340		16000		8400		23000				5200		5000	
Hexachlorobenzene	118-74-1	ug/kg	5000	320	<340		<8800		<4100		<18000				<1900		<3700	
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<340		<8800		<4100		<18000				<1900		<3700	
Hexachloroethane	67-72-1	ug/kg		50	<340		<8800		<4100		<18000				<1900		<3700	
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg			<340		17000		9300		42000				5000		4900	
Isophorone	78-59-1	ug/kg		160	<340		<8800		<4100		<18000				<1900		<3700	
N-Nitrosodi-n-propylamine	621-64-7	ug/kg	700		<340		<8800		<4100		<18000				<1900		<3700	
N-Nitrosodimethylamine	62-75-9	ug/kg		820	<540		<14000		<6500		<28000				<2900		<5800	
N-Nitrosodiphenylamine	86-30-6	ug/kg	1950000	880	<340		<8800		<4100		<18000				<1900		<3700	
N-Nitrosopyrrolidine	930-55-2	ug/kg			<340		<8800		<4100		<18000				<1900		<3700	
Naphthalene	91-20-3	ug/kg	10000	7500	<340		**8300**	J	3500	J	**7500**	J			2000		1900	J
Nitrobenzene	98-95-3	ug/kg			<340		<8800		<4100		<18000				<1900		<3700	
Pentachlorophenol	87-86-5	ug/kg	6000	34	<1700		<43000		<20000		<85000				<9000		<18000	
Phenanthrene	85-01-8	ug/kg			<340		130000		81000		240000				41000	E	38000	
Phenol	108-95-2	ug/kg	1100000	7800	<340		<8800		<4100		<18000				<1900		<3700	
Pyrene	129-00-0	ug/kg	890000	272000	<410		98000		56000		230000				30000		29000	
VOCs																		
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	31000	1400	<4.8		<15		<9.5		<12		<12		<10		<9.4	
1,1,1-Trichloroethane	71-55-6	ug/kg	140000	3500	<4.8		<15		<9.5		<12		<12		<10		<9.4	
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	3500	5	<4.8		<15		<9.5		<12		<12		<10		<9.4	
1,1,2-Trichloroethane	79-00-5	ug/kg	9000	10	<4.8		<15		<9.5		<12		<12		<10		<9.4	
1,1-Dichloroethane	75-34-3	ug/kg	34000	180	<4.8		<15		<9.5		<12		<12		<10		<9.4	
1,1-Dichloroethene	75-35-4	ug/kg	20000	25	<4.8		<15		<9.5		<12		<12		<10		<9.4	
1,1-Dichloropropene	563-58-6	ug/kg			<4.8		<15		<9.5		<12		<12		<10		<9.4	
1,2,3-Trichlorobenzene	87-61-6	ug/kg			<4.8		<15		<9.5		<12		<12		<10		<9.4	
1,2,3-Trichloropropane	96-18-4	ug/kg		350	<4.8		<15		<9.5		<12		<12		<10		<9.4	
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<4.8		<15		<9.5		<12		<12		<10		<9.4	
1,2,4-Trimethylbenzene	95-63-6	ug/kg	8000		<4.8		4.6	J J	2.4	J J	3.2	J J	<12		<10		<9.4	
DBCP	96-12-8	ug/kg		1	<9.6		<31		<19		<24		<25		<20		<19	
EDB	106-93-4	ug/kg	300	0.01	<4.8		<15		<9.5		<12		<12		<10		<9.4	
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<4.8		<15		<9.5		<12		<12		<10		<9.4	
1,2-Dichloroethane	107-06-2	ug/kg	4000	10	<4.8		<15		<9.5		<12		<12		<10		<9.4	
1,2-Dichloropropane	78-87-5	ug/kg	4000	11	<4.8		<15		<9.5		<12		<12		<10		<9.4	
1,3,5-Trimethylbenzene	108-67-8	ug/kg	3000		<4.8		<15		<9.5		<12		<12		<10		<9.4	
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<4.8		<15		<9.5		<12		<12		<10		<9.4	
1,3-Dichloropropane	142-28-9	ug/kg			<4.8		<15		<9.5		<12		<12		<10		<9.4	
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<4.8		<15		<9.5		<12		<12		<10		<9.4	
2,2-Dichloropropane	594-20-7	ug/kg			<4.8		<15		<9.5		<12		<12		<10		<9.4	
MEK	78-93-3	ug/kg	5500000	6400	14	J	150	B J	57	B J	70	B J	59	B J	110	B J	76	B J
2-Chlorotoluene	95-49-8	ug/kg	436000		<4.8		<15		<9.5		<12		<12		<10		<9.4	
2-Hexanone	591-78-6	ug/kg			<19		<61		<38		<48		<49		<40		<38	
4-Chlorotoluene	106-43-4	ug/kg			<4.8		<15		<9.5		<12		<12		<10		<9.4	
4-Methyl-2-pentanone	108-10-1	ug/kg	1700000	420	<19		<61		<38		<48		<49		<40		<38	
Acetone	67-64-1	ug/kg	340000	700	65		**1500**	J	440	J	560	J	420	J	400	J	260	J
Benzene	71-43-2	ug/kg	6000	34	<4.8		2.8	J J	2.7	J J	2.9	J J	2.6	J J	2.9	J J	2.9	J J
Bromobenzene	108-86-1	ug/kg			<4.8		<15		<9.5		<12		<12		<10		<9.4	

Table 16
AOC7A-Northwest Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7A-S-GP7(2-4FT)		FGOW-AOC7A-SS-SS1(0-6INCHES)		FGOW-AOC7A-SS-SS2(0-6INCHES)		FGOW-AOC7A-SS-SS3(0-6INCHES)		FGOW-AOC7A-SS-SS2(0-6INCHES)		FGOW-AOC7A-SS-SS4(0-6INCHES)		FGOW-AOC7A-SS-SS4(0-6INCHES)	
Lab Sample ID:			**Screening Criteria**		D7H110169009		D7H160289009		D7H160289008		D7H160289007		D7H160289007-RE2		D7H160289006		D7H160289006-RE2	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/10/2007		8/15/2007		8/15/2007		8/15/2007		8/15/2007		8/15/2007		8/15/2007	
Analyte:	CAS Number	Unit																
Bromochloromethane	74-97-5	ug/kg		150	<4.8		<15		<9.5		<12		<12		<10		<9.4	
Bromodichloromethane	75-27-4	ug/kg	10000	13	<4.8		<15		<9.5		<12		<12		<10		<9.4	
Bromoform	75-25-2	ug/kg	370000	140	<4.8		<15		<9.5		<12		<12		<10		<9.4	
Bromomethane	74-83-9	ug/kg	700	500	<9.6		<31		<19		<24		<25		<20		<19	
Carbon disulfide	75-15-0	ug/kg	65000	2800	0.92	J	2.1	J J	1.7	J J	4.3	J J	3.5	J J	0.92	J J	0.84	J J
Carbon tetrachloride	56-23-5	ug/kg	300	23	<4.8		<15		<9.5		<12		<12		<10		<9.4	
Chlorobenzene	108-90-7	ug/kg	11000	1100	<4.8		<15		<9.5		<12		<12		<10		<9.4	
Chloroethane	75-00-3	ug/kg	1000000		<9.6		<31		<19		<24		<25		<20		<19	
Chloroform	67-66-3	ug/kg	2500	170	<9.6		<31		<19		<24		<25		<20		<19	
Chloromethane	74-87-3	ug/kg	8000	6	<9.6		<31		<19		<24		<25		<20		<19	
cis-1,2-Dichloroethene	156-59-2	ug/kg	8000	140	<2.4		<7.7		<4.7		<6.1		<6.2		<5.0		<4.7	
cis-1,3-Dichloropropene	10061-01-5	ug/kg		5.00 T	<4.8		<15		<9.5		<12		<12		<10		<9.4	
Dibromochloromethane	124-48-1	ug/kg	12000	30	<4.8		<15		<9.5		<12		<12		<10		<9.4	
Dibromomethane	74-95-3	ug/kg	260000		<4.8		<15		<9.5		<12		<12		<10		<9.4	
Dichlorodifluoromethane	75-71-8	ug/kg	16000	38000	<9.6		<31		<19		<24		<25		<20		<19	
Ethylbenzene	100-41-4	ug/kg	200000	4700	<4.8		<15		1.4	J J	<12		<12		1.3	J J	<9.4	
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<4.8		<15		<9.5		<12		<12		<10		<9.4	
Isopropylbenzene	98-82-8	ug/kg	30000	18000	<4.8		<15		<9.5		<12		<12		<10		<9.4	
m-Xylene & p-Xylene	136777-61-2	ug/kg	45000 T	45000 T	<2.4		<7.7		<4.7		<6.1		<6.2		<5.0		<4.7	
Methyl tert-butyl ether	1634-04-4	ug/kg		27	<19		<61		<38		<48		<49		<40		<38	
Methylene chloride	75-09-2	ug/kg	97000	68	<4.8		<15		<9.5		<12		<12		<10		<9.4	
n-Butylbenzene	104-51-8	ug/kg	30000		<4.8		<15		<9.5		<12		<12		<10		<9.4	
n-Propylbenzene	103-65-1	ug/kg	30000		<4.8		<15		<9.5		<12		<12		<10		<9.4	
Naphthalene	91-20-3	ug/kg	10000	7500	0.78	J	17	J	2	J J	12	J	9.6	J J	2.6	J J	1.4	J J
o-Xylene	95-47-6	ug/kg	45000 T	45000 T	<2.4		<7.7		<4.7		<6.1		<6.2		<5.0		<4.7	
p-Isopropyltoluene	99-87-6	ug/kg			<4.8		2.2	J J	<9.5		<12		<12		<10		<9.4	
sec-Butylbenzene	135-98-8	ug/kg	25000		<4.8		<15		<9.5		<12		<12		<10		<9.4	
Styrene	100-42-5	ug/kg	210000	1900	<4.8		<15		<9.5		<12		<12		<10		<9.4	
tert-Butylbenzene	98-06-6	ug/kg	30000		<4.8		<15		<9.5		<12		<12		<10		<9.4	
Tetrachloroethene	127-18-4	ug/kg	72000	68	<4.8		<15		<9.5		<12		<12		<10		<9.4	
Toluene	108-88-3	ug/kg	107000	6400	<4.8		5.1	J J	4.5	J J	3.7	J J	3.1	J J	3.6	J J	3.8	J J
trans-1,2-Dichloroethene	156-60-5	ug/kg	11000	270	<2.4		<7.7		<4.7		<6.1		<6.2		<5.0		<4.7	
trans-1,3-Dichloropropene	10061-02-6	ug/kg		5.00 T	<4.8		<15		<9.5		<12		<12		<10		<9.4	
Trichloroethene	79-01-6	ug/kg	29000	140	<4.8		<15		<9.5		<12		<12		<10		<9.4	
Trichlorofluoromethane	75-69-4	ug/kg	67000	22000	<9.6		<31		<19		<24		<25		<20		<19	
Vinyl chloride	75-01-4	ug/kg	800	1	<4.8		<15		<9.5		<12		<12		<10		<9.4	
Other																		
Percent Moisture		%			3.3		25		19		25				29			

Table 17
AOC7B-Northeast Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7B-SS-GP1(0-6INCHES)		FGOW-AOC7B-SS-GP1(0-6INCHES)		FGOW-AOC7B-S-GP1(2-4FT)		FGOW-AOC7B-S-GP1(2-4FT)		FGOW-AOC7B-S-GP1(10-12FT)		FGOW-AOC7B-SS-GP2(0-6INCHES)		FGOW-AOC7B-S-GP2(16-18FT)		FGOW-AOC7B-SS-GP3(0-6INCHES)		FGOW-AOC7B-S-GP3(6-8FT)	
Lab Sample ID:			**Screening Criteria**		D7H170199003		D7H170199003-RE2		D7H170199001		D7H170199001-RE2		D7H170199002		D7H220190001		D7H180125002		D7H220190002		D7H220190003	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/16/2007		8/16/2007		8/16/2007		8/16/2007		8/16/2007		8/20/2007		8/17/2007		8/20/2007		8/20/2007	
Analyte:	CAS Number	Unit																				
TPH																						
Diesel Range Organics		mg/kg			<10				<11				<10		<11		<10		<11		<12	
Explosives																						
2,4-Dinitrotoluene	121-14-2	mg/kg	50	0.001											<0.25							
2,6-Dinitrotoluene	606-20-2	mg/kg	25	0.001											<0.25							
Metals																						
Arsenic	7440-38-2	mg/kg	5	15.1	2.2	J			2.1	J			1.3	J	2	J	1.7	J	1.4	J	1.4	J
Barium	7440-39-3	mg/kg	1200	842	34				32				15		34		12		33		17	
Cadmium	7440-43-9	mg/kg	25	4.4	<0.52				<0.53				<0.51		0.096	J	<0.52		0.09	J	0.071	J
Chromium	7440-47-3	mg/kg	44000/87	1000000/18	8.8				9.8				6.5		11		6.5		8.2		8.4	
Lead	7439-92-1	mg/kg	300	525	3.2	J B			3.3	J B			1.7	J B	3.3	J	1.7	J B	3.2	J	2.2	J
Mercury	7439-97-6	mg/kg	500	1600	0.0078	J			0.0068	J			<0.034		<0.038		<0.034		<0.037		<0.039	
Selenium	7782-49-2	mg/kg	160	1.5	<3.1				<3.2				<3.1		<3.4		<3.1		<3.3		<3.6	
Silver	7440-22-4	mg/kg	160	3.9	<1.6				<1.6				<1.5		<1.7		<1.6		<1.7		<1.8	
SVOCs																						
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<340				<350				<340		<380		<340		<370		<390	
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<340				<350				<340		<380		<340		<370		<390	
1,2-Diphenylhydrazine	122-66-7	ug/kg			<340				<350				<340		<380		<340		<370		<390	
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<340				<350				<340		<380		<340		<370		<390	
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<340				<350				<340		<380		<340		<370		<390	
2,4,5-Trichlorophenol	95-95-4	ug/kg	1920000		<340				<350				<340		<380		<340		<370		<390	
2,4,6-Trichlorophenol	88-06-2	ug/kg	595000	210	<340				<350				<340		<380		<340		<370		<390	
2,4-Dichlorophenol	120-83-2	ug/kg	48000	76	<340				<350				<340		<380		<340		<370		<390	
2,4-Dimethylphenol	105-67-9	ug/kg	390000	340	<340				<350				<340		<380		<340		<370		<390	
2,4-Dinitrophenol	51-28-5	ug/kg		14	<1700				<1700				<1600		<1800		<1700		<1800		<1900	
2,4-Dinitrotoluene	121-14-2	ug/kg	50000	1	<340				<350				<340		<380		<340		<370		<390	
2,6-Dichlorophenol	87-65-0	ug/kg			<340				<350				<340		<380		<340		<370		<390	
2,6-Dinitrotoluene	606-20-2	ug/kg	25000	1	<340				<350				<340		<380		<340		<370		<390	
2-Chloronaphthalene	91-58-7	ug/kg			<340				<350				<340		<380		<340		<370		<390	
2-Chlorophenol	95-57-8	ug/kg		260	<340				<350				<340		<380		<340		<370		<390	
2-Methylnaphthalene	91-57-6	ug/kg	100000		<340				<350				<340		<380		<340		<370		<390	
2-Methylphenol	95-48-7	ug/kg	75000	64	<340				<350				<340		<380		<340		<370		<390	
2-Nitroaniline	88-74-4	ug/kg			<1700				<1700				<1600		<1800		<1700		<1800		<1900	
2-Nitrophenol	88-75-5	ug/kg			<340				<350				<340		<380		<340		<370		<390	
3,3-Dichlorobenzidine	91-94-1	ug/kg	25000	360	<1700				<1700				<1600		<1800		<1700		<1800		<1900	
3-Methylphenol & 4-Methylphenol	65794-96-9	ug/kg			<340				<350				<340		<380		<340		<370		<390	
3-Nitroaniline	99-09-2	ug/kg			<1700				<1700				<1600		<1800		<1700		<1800		<1900	
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg			<1700				<1700				<1600		<1800		<1700		<1800		<1900	
4-Bromophenyl phenyl ether	101-55-3	ug/kg			<340				<350				<340		<380		<340		<370		<390	
4-Chloro-3-methylphenol	59-50-7	ug/kg			<340				<350				<340		<380		<340		<370		<390	
4-Chloroaniline	106-47-8	ug/kg			<340				<350				<340		<380		<340		<370		<390	
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg			<340				<350				<340		<380		<340		<370		<390	
4-Nitroaniline	100-01-6	ug/kg			<1700				<1700				<1600		<1800		<1700		<1800		<1900	
4-Nitrophenol	100-02-7	ug/kg			<1700				<1700				<1600		<1800		<1700		<1800		<1900	
Acenaphthene	83-32-9	ug/kg	1200000	50000	<340				<350				<340		<380		<340		<370		<390	
Acenaphthylene	208-96-8	ug/kg			<340				<350				<340		<380		<340		<370		<390	
Anthracene	120-12-7	ug/kg	7880000	942000	<340				<350				<340		<380		<340		<370		<390	
Benzidine	92-87-5	ug/kg			<4200				<4200				<4100		<4600		<4200		<4400		<4700	
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP	<340				<350				<340		<380		<340		<370		<390	
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200	<340				<350				<340		<380		<340		<370		<390	
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP	<340				<350				<340		<380		<340		<370		<390	
Benzo(ghi)perylene	191-24-2	ug/kg			<340				<350				<340		<380		<340		<370		<390	
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP	<340				<350				<340		<380		<340		<370		<390	
Benzoic acid	65-85-0	ug/kg	50000000	30000	<1700				<1700				<1600		<1800		<1700		<1800		<1900	
Benzyl alcohol	100-51-6	ug/kg	8700000		<340				<350				<340		<380		<340		<370		<390	
bis(2-Chloroethoxy)methane	111-91-1	ug/kg			<340				<350				<340		<380		<340		<370		<390	
bis(2-Chloroethyl) ether	111-44-4	ug/kg	2500	1	<340				<350				<340		<380		<340		<370		<390	
bis(2-Chloroisopropyl) ether	108-60-1	ug/kg		670	<340				<350				<340		<380		<340		<370		<390	
bis(2-Ethylhexyl) phthalate	117-81-7	ug/kg	570000	40000	<340				<350				<340		<380		<340		<370		<390	
Butyl benzyl phthalate	85-68-7	ug/kg	580000	28000	<340				<350				<340		<380		<340		<370		<390	
Carbazole	86-74-8	ug/kg	700000		<340				<350				<340		<380		<340		<370		<390	
Chrysene	218-01-9	ug/kg	BaP	BaP	<340				<350				<340		<380		<340		<370		<390	
Di-n-butyl phthalate	84-74-2	ug/kg	2440000	23000	<340				<350				<340		<380		<340		<370		<390	
Di-n-octyl phthalate	117-84-0	ug/kg	520000		<340				<350				<340		<380		<340		<370		<390	
Dibenz(a,h)anthracene	53-70-3	ug/kg	BaP	BaP	<340				<350				<340		<380		<340		<370		<390	
Dibenzofuran	132-64-9	ug/kg	104000		<340				<350				<340		<380		<340		<370		<390	
Diethyl phthalate	84-66-2	ug/kg		18000	<690				<700				<670		<760		<690		<730		<780	
Dimethyl phthalate	131-11-3	ug/kg		172000	<340				<350				<340		<380		<340		<370		<390	
Fluoranthene	206-44-0	ug/kg	1080000	295000	<340				<350				<340		<380		<340		<370		<390	
Fluorene	86-73-7	ug/kg	850000	47000	<340				<350				<340		<380		<340		<370		<390	
Hexachlorobenzene	118-74-1	ug/kg	5000	320	<340				<350				<340		<380		<340		<370		<390	
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<340				<350				<340		<380		<340		<370		<390	
Hexachloroethane	67-72-1	ug/kg		50	<340				<350				<340		<380		<340		<370		<390	
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg			<340				<350				<340		<380		<340		<370		<390	

Table 17
AOC7B-Northeast Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7B-SS-GP1(0-6INCHES)		FGOW-AOC7B-SS-GP1(0-6INCHES)		FGOW-AOC7B-S-GP1(2-4FT)		FGOW-AOC7B-S-GP1(2-4FT)		FGOW-AOC7B-S-GP1(10-12FT)		FGOW-AOC7B-SS-GP2(0-6INCHES)		FGOW-AOC7B-S-GP2(16-18FT)		FGOW-AOC7B-SS-GP3(0-6INCHES)		FGOW-AOC7B-S-GP3(6-8FT)	
Lab Sample ID:			**Screening Criteria**		D7H170199003		D7H170199003-RE2		D7H170199001		D7H170199001-RE2		D7H170199002		D7H220190001		D7H180125002		D7H220190002		D7H220190003	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/16/2007		8/16/2007		8/16/2007		8/16/2007		8/16/2007		8/20/2007		8/17/2007		8/20/2007		8/20/2007	
Analyte:	CAS Number	Unit																				
Isophorone	78-59-1	ug/kg		160	<340				<350				<340		<380		<340		<370		<390	
N-Nitrosodi-n-propylamine	621-64-7	ug/kg	700		<340				<350				<340		<380		<340		<370		<390	
N-Nitrosodimethylamine	62-75-9	ug/kg		820	<540				<550				<530		<590		<540		<580		<620	
N-Nitrosodiphenylamine	86-30-6	ug/kg	1950000	880	<340				<350				<340		<380		<340		<370		<390	
N-Nitrosopyrrolidine	930-55-2	ug/kg			<340				<350				<340		<380		<340		<370		<390	
Naphthalene	91-20-3	ug/kg	10000	7500	<340				<350				<340		<380		<340		<370		<390	
Nitrobenzene	98-95-3	ug/kg			<340				<350				<340		<380		<340		<370		<390	
Pentachlorophenol	87-86-5	ug/kg	6000	34	<1700				<1700				<1600		<1800		<1700		<1800		<1900	
Phenanthrene	85-01-8	ug/kg			<340				<350				<340		<380		<340		<370		<390	
Phenol	108-95-2	ug/kg	1100000	7800	<340				<350				<340		<380		<340		<370		<390	
Pyrene	129-00-0	ug/kg	890000	272000	<420				<420				<410		<460		<420		<440		<470	
VOCs																						
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	31000	1400	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
1,1,1-Trichloroethane	71-55-6	ug/kg	140000	3500	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	3500	5	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
1,1,2-Trichloroethane	79-00-5	ug/kg	9000	10	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
1,1-Dichloroethane	75-34-3	ug/kg	34000	180	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
1,1-Dichloroethene	75-35-4	ug/kg	20000	25	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
1,1-Dichloropropene	563-58-6	ug/kg			<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
1,2,3-Trichlorobenzene	87-61-6	ug/kg			<4.5		<5.3		<5.2		1.2	J J	<5.3		<4.5		<5.6		<5.2		<4.9	
1,2,3-Trichloropropane	96-18-4	ug/kg		350	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<4.5		<5.3		<5.2		0.86	J J	<5.3		<4.5		<5.6		<5.2		<4.9	
1,2,4-Trimethylbenzene	95-63-6	ug/kg	8000		<4.5		0.68	J J	0.61	J J	0.95	J J	<5.3		0.75	J	<5.6		<5.2		<4.9	
DBCP	96-12-8	ug/kg		1	<9.1		<11		<10		<11		<11		<9.0		<11		<10		<9.8	
EDB	106-93-4	ug/kg	300	0.01	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
1,2-Dichloroethane	107-06-2	ug/kg	4000	10	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
1,2-Dichloropropane	78-87-5	ug/kg	4000	11	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
1,3,5-Trimethylbenzene	108-67-8	ug/kg	3000		<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
1,3-Dichloropropane	142-28-9	ug/kg			<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
2,2-Dichloropropane	594-20-7	ug/kg			<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
MEK	78-93-3	ug/kg	5500000	6400	12	J B J	13	J B J	14	J B J	15	J B J	11	J B	8.6	J B	12	J B	9.6	J B	10	J B
2-Chlorotoluene	95-49-8	ug/kg	436000		<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
2-Hexanone	591-78-6	ug/kg			<18		<21		<21		<22		<21		<18		<23		<21		<20	
4-Chlorotoluene	106-43-4	ug/kg			<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
4-Methyl-2-pentanone	108-10-1	ug/kg	1700000	420	<18		<21		<21		<22		<21		<18		<23		<21		<20	
Acetone	67-64-1	ug/kg	340000	700	23	J	27	J	24	J	26	J	16	J	<18		15	J	<21		<20	
Benzene	71-43-2	ug/kg	6000	34	<4.5		0.53	J J	0.53	J J	0.65	J J	<5.3		<4.5		<5.6		<5.2		<4.9	
Bromobenzene	108-86-1	ug/kg			<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
Bromochloromethane	74-97-5	ug/kg		150	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
Bromodichloromethane	75-27-4	ug/kg	10000	13	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
Bromoform	75-25-2	ug/kg	370000	140	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
Bromomethane	74-83-9	ug/kg	700	500	<9.1		<11		<10		<11		<11		<9.0		<11		<10		<9.8	
Carbon disulfide	75-15-0	ug/kg	65000	2800	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
Carbon tetrachloride	56-23-5	ug/kg	300	23	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
Chlorobenzene	108-90-7	ug/kg	11000	1100	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
Chloroethane	75-00-3	ug/kg	1000000		<9.1		<11		<10		<11		<11		<9.0		<11		<10		<9.8	
Chloroform	67-66-3	ug/kg	2500	170	<9.1		<11		<10		<11		<11		<9.0		<11		<10		<9.8	
Chloromethane	74-87-3	ug/kg	8000	6	<9.1		<11		<10		<11		<11		<9.0		<11		<10		<9.8	
cis-1,2-Dichloroethene	156-59-2	ug/kg	8000	140	<2.3		<2.7		<2.6		<2.7		<2.6		<2.3		<2.8		<2.6		<2.5	
cis-1,3-Dichloropropene	10061-01-5	ug/kg		5.00 T	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
Dibromochloromethane	124-48-1	ug/kg	12000	30	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
Dibromomethane	74-95-3	ug/kg	260000		<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
Dichlorodifluoromethane	75-71-8	ug/kg	16000	38000	<9.1		<11		<10		<11		<11		<9.0		<11		<10		<9.8	
Ethylbenzene	100-41-4	ug/kg	200000	4700	<4.5		<5.3		<5.2		0.93	J J	<5.3		<4.5		0.91	J	<5.2		<4.9	
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
Isopropylbenzene	98-82-8	ug/kg	30000	18000	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
m-Xylene & p-Xylene	136777-61-2	ug/kg	45000 T	45000 T	<2.3		<2.7		<2.6		<2.7		<2.6		<2.3		<2.8		<2.6		<2.5	
Methyl tert-butyl ether	1634-04-4	ug/kg		27	<18		<21		<21		<22		<21		<18		<23		<21		<20	
Methylene chloride	75-09-2	ug/kg	97000	68	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
n-Butylbenzene	104-51-8	ug/kg	30000		<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
n-Propylbenzene	103-65-1	ug/kg	30000		<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
Naphthalene	91-20-3	ug/kg	10000	7500	<4.5		<5.3		<5.2		1.6	J J	<5.3		1.1	J	<5.6		<5.2		<4.9	
o-Xylene	95-47-6	ug/kg	45000 T	45000 T	<2.3		<2.7		<2.6		<2.7		<2.6		<2.3		<2.8		<2.6		<2.5	
p-Isopropyltoluene	99-87-6	ug/kg			<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
sec-Butylbenzene	135-98-8	ug/kg	25000		<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
Styrene	100-42-5	ug/kg	210000	1900	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
tert-Butylbenzene	98-06-6	ug/kg	30000		<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
Tetrachloroethene	127-18-4	ug/kg	72000	68	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
Toluene	108-88-3	ug/kg	107000	6400	0.81	J J	0.98	J J	1	J J	1.3	J J	0.75	J	<4.5		0.93	J	<5.2		<4.9	
trans-1,2-Dichloroethene	156-60-5	ug/kg	11000	270	<2.3		<2.7		<2.6		<2.7		<2.6		<2.3		<2.8		<2.6		<2.5	
trans-1,3-Dichloropropene	10061-02-6	ug/kg		5.00 T	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
Trichloroethene	79-01-6	ug/kg	29000	140	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
Trichlorofluoromethane	75-69-4	ug/kg	67000	22000	<9.1		<11		<10		<11		<11		<9.0		<11		<10		<9.8	

Table 17
AOC7B-Northeast Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7B-SS-GP1(0-6INCHES)		FGOW-AOC7B-SS-GP1(0-6INCHES)		FGOW-AOC7B-S-GP1(2-4FT)		FGOW-AOC7B-S-GP1(2-4FT)		FGOW-AOC7B-S-GP1(10-12FT)		FGOW-AOC7B-SS-GP2(0-6INCHES)		FGOW-AOC7B-S-GP2(16-18FT)		FGOW-AOC7B-SS-GP3(0-6INCHES)		FGOW-AOC7B-S-GP3(6-8FT)	
Lab Sample ID:			**Screening Criteria**		D7H170199003		D7H170199003-RE2		D7H170199001		D7H170199001-RE2		D7H170199002		D7H220190001		D7H180125002		D7H220190002		D7H220190003	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/16/2007		8/16/2007		8/16/2007		8/16/2007		8/16/2007		8/20/2007		8/17/2007		8/20/2007		8/20/2007	
Analyte:	CAS Number	Unit																				
Vinyl chloride	75-01-4	ug/kg	800	1	<4.5		<5.3		<5.2		<5.5		<5.3		<4.5		<5.6		<5.2		<4.9	
Other																						
Percent Moisture		%			4.1				5.4				2		13		4.2		10		16	

Table 18
AOC7B-Northeast Quadrant
Groundwater Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7B-W-GP1		FGOW-AOC7B-W-GP2		FGOW-AOC7B-W-GP3		FGOW-AOC7B-W-GP3	
Lab Sample ID:			**Screening Criteria**		D7H180125001		D7H180125003		D7H220190004		D7H220190004-RE2	
Sample Matrix:			Drinking Water Criterion	Drinking Water Basis	WATER		WATER		WATER		WATER	
Sample Date:					8/16/2007		8/17/2007		8/20/2007		8/20/2007	
Analyte:	CAS Number	Unit										
TPH												
Diesel Range Organics		mg/L	200 T	HBV	<0.10		<0.10		<0.10			
Metals												
Arsenic	7440-38-2	ug/L	10	MCL	<25		<25		<25			
Barium	7440-39-3	ug/L	2000	HRL	100	B	100	B	79			
Cadmium	7440-43-9	ug/L	4	HRL	<5.0		<5.0		<5.0			
Chromium	7440-47-3	ug/L	100	MCL	<15		11	J	<15			
Lead	7439-92-1	ug/L	NA	NA	<15		<15		<15			
Mercury	7439-97-6	ug/L	2	MCL	<0.20		<0.20		<0.20			
Selenium	7782-49-2	ug/L	30	HRL	<22		<22		<22			
Silver	7440-22-4	ug/L	30	HRL	<15		<15		<15			
SVOCs												
1,2,4-Trichlorobenzene	120-82-1	ug/L	70	MCL	<10		<10		<10		<10	
1,2-Dichlorobenzene	95-50-1	ug/L	600	HRL	<10		<10		<10		<10	
1,2-Diphenylhydrazine	122-66-7						<10		<10		<10	
1,3-Dichlorobenzene	541-73-1	ug/L	600	MCL	<10		<10		<10		<10	
1,4-Dichlorobenzene	106-46-7	ug/L	10	HRL	<10		<10		<10		<10	
2,4,5-Trichlorophenol	95-95-4	ug/L			<20		<20		<20		<20	
2,4,6-Trichlorophenol	88-06-2	ug/L	30	HRL	<20		<20		<20		<20	
2,4-Dichlorophenol	120-83-2	ug/L	20	HRL	<10		<10		<10		<10	
2,4-Dimethylphenol	105-67-9	ug/L	100	HRL	<10		<10		<10		<10	
2,4-Dinitrophenol	51-28-5	ug/L	10	HRL	<80		<80		<80		<80	
2,4-Dinitrotoluene	121-14-2	ug/L			<20		<20		<20		<20	
2,6-Dichlorophenol	87-65-0	ug/L			<10		<10		<10		<10	
2,6-Dinitrotoluene	606-20-2	ug/L			<20		<20		<20		<20	
2-Chloronaphthalene	91-58-7	ug/L			<10		<10		<10		<10	
2-Chlorophenol	95-57-8	ug/L	30	HRL	<10		<10		<10		<10	
2-Methylnaphthalene	91-57-6	ug/L			<10		<10		<10		<10	
2-Methylphenol	95-48-7	ug/L	30	HRL	<10		<10		<10		<10	
2-Nitroaniline	88-74-4	ug/L			<50		<50		<50		<50	
2-Nitrophenol	88-75-5	ug/L			<20		<20		<20		<20	
3,3-Dichlorobenzidine	91-94-1	ug/L	0.8	HRL	<50		<50		<50		<50	
3-Methylphenol & 4-Methylphenol	65794-96-9	ug/L	30/3	HRL	<20		<20		<20		<20	
3-Nitroaniline	99-09-2	ug/L			<50		<50		<50		<50	
4,6-Dinitro-2-methylphenol	534-52-1	ug/L			<80		<80		<80		<80	
4-Bromophenyl phenyl ether	101-55-3	ug/L			<10		<10		<10		<10	
4-Chloro-3-methylphenol	59-50-7	ug/L			<20		<20		<20		<20	
4-Chloroaniline	106-47-8	ug/L			<25		<25		<25		<25	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L			<10		<10		<10		<10	
4-Nitroaniline	100-01-6	ug/L			<50		<50		<50		1.1	J J
4-Nitrophenol	100-02-7	ug/L	60	LHA	<50		<50		<50		1.8	J J
Acenaphthene	83-32-9	ug/L	400	HRL	<10		<10		<10		<10	
Acenaphthylene	208-96-8	ug/L			<10		<10		<10		<10	
Anthracene	120-12-7	ug/L	2000	HRL	<10		<10		<200		<200	
Benzidine	92-87-5	ug/L			<200		<200		<10		1.5	J J
Benzo(a)anthracene	56-55-3	ug/L	BaP		<10		<10		<10		<10	
Benzo(a)pyrene	50-32-8	ug/L	0.05	HBV	<10		<10		<10		**0.91**	J J
Benzo(b)fluoranthene	205-99-2	ug/L	BaP		<10		<10		<10		<10	
Benzo(ghi)perylene	191-24-2	ug/L			<10		<10		<10		1.1	J J
Benzo(k)fluoranthene	207-08-9	ug/L	BaP		<10		4.4	J	<80		<80	
Benzoic acid	65-85-0	ug/L	30000	HRL	<80		<80		<25		<25	
Benzyl alcohol	100-51-6	ug/L			<25		<25		<10		<10	
bis(2-Chloroethoxy)methane	111-91-1	ug/L			<10		<10		<20		<20	
bis(2-Chloroethyl) ether	111-44-4	ug/L	0.3	HRL	<20		<20		<10		<10	
bis(2-Chloroisopropyl) ether	108-60-1	ug/L	300	LHA	<10		<10		4.5	J J	2.9	J J
bis(2-Ethylhexyl) phthalate	117-81-7	ug/L	20	HRL	2.5	J B u	6.4	J B u	<20		<20	
Butyl benzyl phthalate	85-68-7	ug/L	100	HRL	<20		<20		<10		1.3	J J
Carbazole	86-74-8	ug/L			<10		<10		<10		1.4	J J
Chrysene	218-01-9	ug/L	BaP		<10		<10		<20		<20	
Di-n-butyl phthalate	84-74-2	ug/L	700	HRL	<20		<20		<20		<20	
Di-n-octyl phthalate	117-84-0	ug/L			<20		<20		<10		<10	
Dibenz(a,h)anthracene	53-70-3	ug/L	BaP		<10		<10		<10		<10	
Dibenzofuran	132-64-9	ug/L			<10		<10		<20		<20	
Diethyl phthalate	84-66-2	ug/L	6000	HRL	<20		<20		<20		<20	
Dimethyl phthalate	131-11-3	ug/L	70000	HRL	<20		<20					
Fluoranthene	206-44-0	ug/L	300	HRL	<20		<20		<20		<20	
Fluorene	86-73-7	ug/L	300	HRL	<10		<10		<10		<10	
Hexachlorobenzene	118-74-1	ug/L	0.2	HRL	<10		<10		<10		<10	
Hexachlorobutadiene	87-68-3	ug/L	1	HRL	<30		<30		<30		<30	
Hexachloroethane	67-72-1	ug/L	1	LHA	<10		<10		<10		<10	
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	BaP		<10		<10		<10		<10	
Isophorone	78-59-1	ug/L	100	HRL	<10		<10		<10		<10	
N-Nitrosodi-n-propylamine	621-64-7	ug/L			<20		<20		<20		<20	
N-Nitrosodimethylamine	62-75-9	ug/L			<10		<10		<10		<10	
N-Nitrosodiphenylamine	86-30-6	ug/L	70	HRL	<10		<10		<10		<10	
N-Nitrosopyrrolidine	930-55-2	ug/L			<10		<10		<10		<10	
Naphthalene	91-20-3	ug/L	300	HRL	<10		<10		<10		<10	
Nitrobenzene	98-95-3	ug/L			<20		<20		<20		<20	
Pentachlorophenol	87-86-5	ug/L	3	HRL	<80		<80		<80		<80	
Phenanthrene	85-01-8	ug/L			<10		<10		<10		<10	
Phenol	108-95-2	ug/L	4000	HRL	<10		<10		<10		<10	
Pyrene	129-00-0	ug/L	200	HRL	<10		<10		<10		<10	

Table 18
AOC7B-Northeast Quadrant
Groundwater Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7B-W-GP1		FGOW-AOC7B-W-GP2		FGOW-AOC7B-W-GP3		FGOW-AOC7B-W-GP3	
Lab Sample ID:			**Screening Criteria**		D7H180125001		D7H180125003		D7H220190004		D7H220190004-RE2	
Sample Matrix:			Drinking Water Criterion	Drinking Water Basis	WATER		WATER		WATER		WATER	
Sample Date:					8/16/2007		8/17/2007		8/20/2007		8/20/2007	
Analyte:	CAS Number	Unit										
VOCs												
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	70	HRL	<1.0		<1.0		<1.0			
1,1,1-Trichloroethane	71-55-6	ug/L	600	HRL	<1.0		<1.0		<1.0			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2	HRL	<1.0		<1.0		<1.0			
1,1,2-Trichloroethane	79-00-5	ug/L	3	HRL	<1.0		<1.0		<1.0			
1,1-Dichloroethane	75-34-3	ug/L	70	HRL	<1.0		<1.0		<1.0			
1,1-Dichloroethene	75-35-4	ug/L	6	HRL	<1.0		<1.0		<1.0			
1,1-Dichloropropene	563-58-6	ug/L			<1.0		<1.0		<1.0			
1,2,3-Trichlorobenzene	87-61-6	ug/L			<1.0		0.24	J	<1.0			
1,2,3-Trichloropropane	96-18-4	ug/L	40	HRL	<2.0		<2.0		<2.0			
1,2,4-Trichlorobenzene	120-82-1	ug/L	70	MCL	<1.0		<1.0		<1.0			
1,2,4-Trimethylbenzene	95-63-6	ug/L			<1.0		<1.0		<1.0			
DBCP	96-12-8	ug/L	0.2	MCL	<5.0		<5.0		<5.0			
EDB	106-93-4	ug/L	0.004	HRL	<1.0		<1.0		<1.0			
1,2-Dichlorobenzene	95-50-1	ug/L	600	HRL	<1.0		<1.0		<1.0			
1,2-Dichloroethane	107-06-2	ug/L	4	HRL	<1.0		<1.0		<1.0			
1,2-Dichloropropane	78-87-5	ug/L	5	HRL	<1.0		<1.0		<1.0			
1,3,5-Trimethylbenzene	108-67-8	ug/L			<1.0		<1.0		<1.0			
1,3-Dichlorobenzene	541-73-1	ug/L	600	MCL	<1.0		<1.0		<1.0			
1,3-Dichloropropane	142-28-9	ug/L			<1.0		<1.0		<1.0			
1,4-Dichlorobenzene	106-46-7	ug/L	10	HRL	<1.0		<1.0		<1.0			
2,2-Dichloropropane	594-20-7	ug/L			<1.0		<1.0		<1.0			
MEK	78-93-3	ug/L	4000	HRL	<6.0		<6.0		<6.0			
2-Chlorotoluene	95-49-8	ug/L	100	LHA	<1.0		<1.0		<1.0			
2-Hexanone	591-78-6	ug/L			<5.0		<5.0		<5.0			
4-Chlorotoluene	106-43-4	ug/L	100	LHA	<1.0		<1.0		<1.0			
4-Methyl-2-pentanone	108-10-1	ug/L	300	HRL	<5.0		<5.0		<5.0			
Acetone	67-64-1	ug/L	700	HRL	<10		3.8	J	<10			
Benzene	71-43-2	ug/L	10	HRL	<1.0		<1.0		<1.0			
Bromobenzene	108-86-1	ug/L			<1.0		<1.0		<1.0			
Bromochloromethane	74-97-5	ug/L	90	LHA	<1.0		<1.0		<1.0			
Bromodichloromethane	75-27-4	ug/L	6	HRL	<1.0		<1.0		<1.0			
Bromoform	75-25-2	ug/L	40	HRL	<1.0		<1.0		<1.0			
Bromomethane	74-83-9	ug/L	10	HRL	<2.0		<2.0		<2.0			
Carbon disulfide	75-15-0	ug/L	700	HRL	<2.0		<2.0		<2.0			
Carbon tetrachloride	56-23-5	ug/L	3	HRL	<2.0		<2.0		<2.0			
Chlorobenzene	108-90-7	ug/L	100	HRL	<1.0		<1.0		<1.0			
Chloroethane	75-00-3	ug/L	280	HBV	<2.0		<2.0		<2.0			
Chloroform	67-66-3	ug/L	60	HRL	3.1		3		2.5			
Chloromethane	74-87-3	ug/L	3	LHA	<2.0		<2.0		<2.0			
cis-1,2-Dichloroethene	156-59-2	ug/L			<1.0		<1.0		<1.0			
cis-1,3-Dichloropropene	10061-01-5	ug/L			<1.0		<1.0		<1.0			
Dibromochloromethane	124-48-1	ug/L	80	MCL	<1.0		<1.0		<1.0			
Dibromomethane	74-95-3	ug/L			<1.0		<1.0		<1.0			
Dichlorodifluoromethane	75-71-8	ug/L	1000	HRL	<2.0		<2.0		<2.0			
Ethylbenzene	100-41-4	ug/L	700	HRL	<1.0		<1.0		<1.0			
Hexachlorobutadiene	87-68-3	ug/L	1	HRL	<1.0		<1.0		<1.0			
Isopropylbenzene	98-82-8	ug/L	300	HRL	<1.0		<1.0		<1.0			
m-Xylene & p-Xylene	136777-61-2	ug/L	10000 T	HRL	<2.0		<2.0		<2.0			
Methyl tert-butyl ether	1634-04-4	ug/L	70	HBV	<5.0		<5.0		<5.0			
Methylene chloride	75-09-2	ug/L	50	HRL	<5.0		<5.0		<5.0			
n-Butylbenzene	104-51-8	ug/L			<1.0		0.15	J	<1.0			
n-Propylbenzene	103-65-1	ug/L			<1.0		<1.0		<1.0			
Naphthalene	91-20-3	ug/L	300	HRL	<1.0		<1.0		<1.0			
o-Xylene	95-47-6	ug/L	10000 T	HRL	<1.0		<1.0		<1.0			
p-Isopropyltoluene	99-87-6	ug/L			<1.0		<1.0		<1.0			
sec-Butylbenzene	135-98-8	ug/L			<1.0		<1.0		<1.0			
Styrene	100-42-5	ug/L	100	MCL	<1.0		<1.0		<1.0			
tert-Butylbenzene	98-06-6	ug/L			<1.0		<1.0		<1.0			
Tetrachloroethene	127-18-4	ug/L	7	HRL	<1.0		<1.0		<1.0			
Toluene	108-88-3	ug/L	1000	HRL	<1.0		0.37	J	0.24	J		
trans-1,2-Dichloroethene	156-60-5	ug/L	100	HRL	<1.0		<1.0		<1.0			
trans-1,3-Dichloropropene	10061-02-6	ug/L			<1.0		<1.0		<1.0			
Trichloroethene	79-01-6	ug/L	30	HRL	0.4	J	0.32	J	0.39	J		
Trichlorofluoromethane	75-69-4	ug/L	2000	HRL	<2.0		<2.0		<2.0			
Vinyl chloride	75-01-4	ug/L	0.2	HRL	<1.0		<1.0		<1.0			

Table 19
AOC7C-Southeast Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7C-SS-GP1(0-6INCHES)		FGOW-AOC7C-S-GP1(2-4FEET)		FGOW-AOC7C-SS-GP2(0-6INCHES)		FGOW-AOC7C-SS-GP2(0-6INCHES)		FGOW-AOC7C-S-GP2(2-4FEET)		FGOW-AOC7C-S-GP2(2-4FEET)		FGOW-AOC7C-SS-GP3(0-6INCHES)		FGOW-AOC7C-S-GP3(2-4FEET)		FGOW-AOC7C-SS-GP4(0-6INCHES)		FGOW-AOC7C-SS-GP4(0-6INCHES)		FGOW-AOC7C-S-GP4(2-4FEET)		FGOW-AOC7C-SS-GP5(0-6INCHES)		FGOW-AOC7C-S-GP5(2-4FEET)		FGOW-AOC7C-SS-GP6(0-6INCHES)	
Lab Sample ID:			**Screening Criteria**		UHZ1U0005		UHZ1U0006		UHZ1U0007		UHZ1U0008		UHZ1U0009		UHZ1U0009-RE2		UHZ1U0001		UHZ1U0002		UHZ1U0007		UHZ1U0007-RE2		UHZ1U0003		UHZ1U0006		UHZ1U0004		UHZ1U0012	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/20/2007		8/20/2007		8/20/2007		8/21/2007		8/20/2007		8/20/2007		8/21/2007		8/21/2007		8/21/2007		8/21/2007		8/21/2007		8/21/2007		8/21/2007		8/22/2007	
Analyte:	CAS Number	Unit																														
Explosives																																
2,4-Dinitrotoluene	121-14-2	mg/kg	50	0.001							<0.25										<0.25											
2,6-Dinitrotoluene	606-20-2	mg/kg	25	0.001							<0.25										<0.25											
Metals																																
Arsenic	7440-38-2	mg/kg	5	15.1	2.7	J	2.8		2.5	J			2.4	J			2.8		3.3		3.3				<2.6		2.1	J	2.4	J		
Barium	7440-39-3	mg/kg	1200	842	54		53		59				60				48		63		59				19		50		37			
Cadmium	7440-43-9	mg/kg	25	4.4	0.14	J	0.18	J	0.16	J			0.12	J			0.25	J	0.23	J	0.22	J			0.1	J	0.26	J	0.33	J		
Chromium	7440-47-3	mg/kg	44000/87	1000000/18	11		13		12				14				12		12		13				9.2		13		11			
Lead	7439-92-1	mg/kg	300	525	5.4	J	5.4	J	5.2	J			5	J			3.8	J	5.6	J	5.6	J			1.5	J	4.5	J	3.8	J		
Mercury	7439-97-6	mg/kg	500	1600	<0.037		<0.036		0.01	J			<0.039				<0.036		<0.037		0.011	J			<0.034		0.011	J	<0.036			
Selenium	7782-49-2	mg/kg	160	1.5	<3.4		<3.3		<3.3				<3.6				<3.3		<3.3		<3.5				<3.1		<3.4		<3.3			
Silver	7440-22-4	mg/kg	160	3.9	<1.7		<1.6		<1.7				<1.8				<1.6		<1.7		<1.7				<1.5		<1.7		<1.6			
SVOCs																																
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
1,2-Diphenylhydrazine	122-66-7	ug/kg			<370		<360		<370				<390						<370		<380				<340		<380		<360			
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
2,4,5-Trichlorophenol	95-95-4	ug/kg	1920000		<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
2,4,6-Trichlorophenol	88-06-2	ug/kg	595000	210	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
2,4-Dichlorophenol	120-83-2	ug/kg	48000	76	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
2,4-Dimethylphenol	105-67-9	ug/kg	390000	340	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
2,4-Dinitrophenol	51-28-5	ug/kg		14	<1800		<1700		<1800				<1900				<1800		<1800		<1800				<1600		<1800		<1700			
2,4-Dinitrotoluene	121-14-2	ug/kg	50000	1	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
2,6-Dichlorophenol	87-65-0	ug/kg			<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
2,6-Dinitrotoluene	606-20-2	ug/kg	25000	1	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
2-Chloronaphthalene	91-58-7	ug/kg			<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
2-Chlorophenol	95-57-8	ug/kg		260	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
2-Methylnaphthalene	91-57-6	ug/kg	100000		<370		<360		<370				<390				<360		83	J	<380				<340		<380		<360			
2-Methylphenol	95-48-7	ug/kg	75000	64	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
2-Nitroaniline	88-74-4	ug/kg			<1800		<1700		<1800				<1900				<1800		<1800		<1800				<1600		<1800		<1700			
2-Nitrophenol	88-75-5	ug/kg			<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
3,3-Dichlorobenzidine	91-94-1	ug/kg	25000	360	<1800		<1700		<1800				<1900				<1800		<1800		<1800				<1600		<1800		<1700			
3-Methylphenol & 4-Methylphenol	65794-96-9	ug/kg			<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
3-Nitroaniline	99-09-2	ug/kg			<1800		<1700		<1800				<1900				<1800		<1800		<1800				<1600		<1800		<1700			
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg			<1800		<1700		<1800				<1900				<1800		<1800		<1800				<1600		<1800		<1700			
4-Bromophenyl phenyl ether	101-55-3	ug/kg			<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
4-Chloro-3-methylphenol	59-50-7	ug/kg			<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
4-Chloroaniline	106-47-8	ug/kg			<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg			<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
4-Nitroaniline	100-01-6	ug/kg			<1800		<1700		<1800				<1900				<1800		<1800		<1800				<1600		<1800		<1700			
4-Nitrophenol	100-02-7	ug/kg			<1800		<1700		<1800				<1900				<1800		<1800		<1800				<1600		<1800		<1700			
Acenaphthene	83-32-9	ug/kg	1200000	50000	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Acenaphthylene	208-96-8	ug/kg			<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Anthracene	120-12-7	ug/kg	7880000	942000	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Benzidine	92-87-5	ug/kg			<4500		<4400		<4400				<4700				<4400		<4500		<4600				<4100		<4600		<4300			
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP	<370		<360		40	J			<390				<360		48	J	<380				<340		<380		<360			
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP	<370		<360		<370				<390				<360		49	J,K	<380				<340		<380		<360			
Benzo(ghi)perylene	191-24-2	ug/kg			<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Benzoic acid	65-85-0	ug/kg	500000000	30000	<1800		<1700		<1800				<1900				<1800		<1800		<1800				<1600		<1800		<1700			
Benzyl alcohol	100-51-6	ug/kg	8700000		<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
bis(2-Chloroethoxy)methane	111-91-1	ug/kg			<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
bis(2-Chloroethyl) ether	111-44-4	ug/kg	2500	1	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
bis(2-Chloroisopropyl) ether	108-60-1	ug/kg		670	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
bis(2-Ethylhexyl) phthalate	117-81-7	ug/kg	570000	40000	<370		<360		<370				<390				150	J	<370		<380				<340		<380		<360			
Butyl benzyl phthalate	85-68-7	ug/kg	580000	28000	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Carbazole	86-74-8	ug/kg	700000		<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Chrysene	218-01-9	ug/kg	BaP	BaP	<370		<360		<370				<390				<360		42	J	<380				<340		<380		<360			
Di-n-butyl phthalate	84-74-2	ug/kg	2440000	23000	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Di-n-octyl phthalate	117-84-0	ug/kg	520000		<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Dibenz(a,h)anthracene	53-70-3	ug/kg	BaP	BaP	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Dibenzofuran	132-64-9	ug/kg	104000		<370		<360		<370				<390				<360		<370		40	J			<340		<380		<360			
Diethyl phthalate	84-66-2	ug/kg		18000	<740		<720		<730				<780				<720		<740		<760				<680		<750		<720			
Dimethyl phthalate	131-11-3	ug/kg		172000	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Diphenylamine	122-39-4	ug/kg		1600							<390										<380											
Fluoranthene	206-44-0	ug/kg	1080000	295000	<370		<360		54	J			<390				<360		86	J	<380				<340		<380		<360			
Fluorene	86-73-7	ug/kg	850000	47000	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Hexachlorobenzene	118-74-1	ug/kg	5000	320	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Hexachloroethane	67-72-1	ug/kg		50	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg			<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Isophorone	78-59-1	ug/kg		160	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
N-Nitrosodi-n-propylamine	621-64-7	ug/kg	700		<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
N-Nitrosodimethylamine	62-75-9	ug/kg		820	<580		<570		<580				<620				<570		<580		<600				<540		<590		<570			
N-Nitrosodiphenylamine	86-30-6	ug/kg	1950000	880	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
N-Nitrosopyrrolidine	930-55-2	ug/kg			<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Naphthalene	91-20-3	ug/kg	10000	7500	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Nitrobenzene	98-95-3	ug/kg			<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Pentachlorophenol	87-86-5	ug/kg	6000	34	<1800		<1700		<1800				<1900				<1800		<1800		<1800				<1600		<1800		<1700			
Phenanthrene	85-01-8	ug/kg			<370		<360		63	J			45	J			<360		54	J	99	J			<340		<380		<360			
Phenol	108-95-2	ug/kg	1100000	7800	<370		<360		<370				<390				<360		<370		<380				<340		<380		<360			
Pyrene	129-00-0	ug/kg	890000	272000	<450		<440		58	J			<470				<440		75	J	43	J			<410		<460		<430			

Table 19
AOC7C-Southeast Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7C-SS-GP1(0-6INCHES)		FGOW-AOC7C-S-GP1(2-4FEET)		FGOW-AOC7C-SS-GP2(0-6INCHES)		FGOW-AOC7C-SS-GP2(0-6INCHES)		FGOW-AOC7C-S-GP2(2-4FEET)		FGOW-AOC7C-S-GP2(2-4FEET)		FGOW-AOC7C-SS-GP3(0-6INCHES)		FGOW-AOC7C-S-GP3(2-4FEET)		FGOW-AOC7C-SS-GP4(0-6INCHES)		FGOW-AOC7C-SS-GP4(0-6INCHES)		FGOW-AOC7C-S-GP4(2-4FEET)		FGOW-AOC7C-SS-GP5(0-6INCHES)		FGOW-AOC7C-S-GP5(2-4FEET)		FGOW-AOC7C-SS-GP6(0-6INCHES)	
Lab Sample ID:			**Screening Criteria**		D/HZ2U190005		D/HZ2U190006		D/HZ2U190007		D/HZ3U183008		D/HZ2U190008		D/HZ2U190008-RE2		D/HZ3U183001		D/HZ3U183002		D/HZ3U183007		D/HZ3U183007-RE2		D/HZ3U183003		D/HZ3U183006		D/HZ3U183004		D/HZ3U183012	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/20/2007		8/20/2007		8/20/2007		8/21/2007		8/20/2007		8/20/2007		8/21/2007		8/21/2007		8/21/2007		8/21/2007		8/21/2007		8/21/2007		8/21/2007		8/22/2007	
Analyte:	CAS Number	Unit																														
VOCs																																
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	31000	1400	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
1,1,1-Trichloroethane	71-55-6	ug/kg	140000	3500	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	3500	5	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
1,1,2-Trichloroethane	79-00-5	ug/kg	9000	10	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
1,1-Dichloroethane	75-34-3	ug/kg	34000	180	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
1,1-Dichloroethene	75-35-4	ug/kg	20000	25	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
1,1-Dichloropropene	563-58-6	ug/kg			<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
1,2,3-Trichlorobenzene	87-61-6	ug/kg			<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
1,2,3-Trichloropropane	96-18-4	ug/kg		350	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
1,2,4-Trimethylbenzene	95-63-6	ug/kg	8000		<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
DBCP	96-12-8	ug/kg		1	<11		<9.4		<8.5				<14		<18		<8.7		<11		<10		<11		<11		<8.2		<12			
EDB	106-93-4	ug/kg	300	0.01	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
1,2-Dichloroethane	107-06-2	ug/kg	4000	10	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
1,2-Dichloropropane	78-87-5	ug/kg	4000	11	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
1,3,5-Trimethylbenzene	108-67-8	ug/kg	3000		<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
1,3-Dichloropropane	142-28-9	ug/kg			<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
2,2-Dichloropropane	594-20-7	ug/kg			<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
MEK	78-93-3	ug/kg	5500000	6400	10	J B	8.8	J B	<17				21	J B J	24	J B J	8.2	J B u	<22		<21		<21		11	J B u	<16		14	J B u		
2-Chlorotoluene	95-49-8	ug/kg	436000		<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
2-Hexanone	591-78-6	ug/kg			<22		<19		<17				<28		<35		<17		<22		<21		<21		<22		<16		<25			
4-Chlorotoluene	106-43-4	ug/kg			<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
4-Methyl-2-pentanone	108-10-1	ug/kg	1700000	420	<22		<19		<17				<28		<35		<17		<22		<21		<21		<22		<16		<25			
Acetone	67-64-1	ug/kg	340000	700	<22		<19		<17				45	J	46	J	<17		<22		<21		<21		<22		<16		<25			
Benzene	71-43-2	ug/kg	6000	34	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Bromobenzene	108-86-1	ug/kg			<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Bromochloromethane	74-97-5	ug/kg		150	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Bromodichloromethane	75-27-4	ug/kg	10000	13	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Bromoform	75-25-2	ug/kg	370000	140	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Bromomethane	74-83-9	ug/kg	700	500	<11		<9.4		<8.5				<14		<18		<8.7		<11		<10		<11		<11		<8.2		<12			
Carbon disulfide	75-15-0	ug/kg	65000	2800	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Carbon tetrachloride	56-23-5	ug/kg	300	23	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Chlorobenzene	108-90-7	ug/kg	11000	1100	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Chloroethane	75-00-3	ug/kg	1000000		<11		<9.4		<8.5				<14		<18		<8.7		<11		<10		<11		<11		<8.2		<12			
Chloroform	67-66-3	ug/kg	2500	170	<11		<9.4		<8.5				<14		<18		<8.7		<11		<10		<11		<11		<8.2		<12			
Chloromethane	74-87-3	ug/kg	8000	6	<11		<9.4		<8.5				<14		<18		<8.7		<11		<10		<11		<11		<8.2		<12			
cis-1,2-Dichloroethene	156-59-2	ug/kg	8000	140	<2.7		<2.3		<2.1				<3.5		<4.4		<2.2		<2.8		<2.6		<2.7		<2.7		<2.1		<3.1			
cis-1,3-Dichloropropene	10061-01-5	ug/kg		5.00 T	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Dibromochloromethane	124-48-1	ug/kg	12000	30	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Dibromomethane	74-95-3	ug/kg	260000		<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Dichlorodifluoromethane	75-71-8	ug/kg	16000	38000	<11		<9.4		<8.5				<14		<18		<8.7		<11		<10		<11		<11		<8.2		<12			
Ethylbenzene	100-41-4	ug/kg	200000	4700	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Isopropylbenzene	98-82-8	ug/kg	30000	18000	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
m-Xylene & p-Xylene	136777-61-2	ug/kg	45000 T	45000 T	<2.7		<2.3		<2.1				<3.5		<4.4		<2.2		<2.8		<2.6		<2.7		<2.7		<2.1		<3.1			
Methyl tert-butyl ether	1634-04-4	ug/kg		27	<22		<19		<17				<28		<35		<17		<22		<21		<21		<22		<16		<25			
Methylene chloride	75-09-2	ug/kg	97000	68	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
n-Butylbenzene	104-51-8	ug/kg	30000		<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
n-Propylbenzene	103-65-1	ug/kg	30000		<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Naphthalene	91-20-3	ug/kg	10000	7500	<5.4		<4.7		<4.2				<7.0		1.2	J J	<4.3		<5.6		<5.2		0.79	J Q J	<5.4		<4.1		<6.2			
o-Xylene	95-47-6	ug/kg	45000 T	45000 T	<2.7		<2.3		<2.1				<3.5		<4.4		<2.2		<2.8		<2.6		<2.7		<2.7		<2.1		<3.1			
p-Isopropyltoluene	99-87-6	ug/kg			<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		2.4	J Q J	<5.4		<5.4		<4.1		<6.2			
sec-Butylbenzene	135-98-8	ug/kg	25000		<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Styrene	100-42-5	ug/kg	210000	1900	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
tert-Butylbenzene	98-06-6	ug/kg	30000		<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Tetrachloroethene	127-18-4	ug/kg	72000	68	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Toluene	108-88-3	ug/kg	107000	6400	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
trans-1,2-Dichloroethene	156-60-5	ug/kg	11000	270	<2.7		<2.3		<2.1				<3.5		<4.4		<2.2		<2.8		<2.6		<2.7		<2.7		<2.1		<3.1			
trans-1,3-Dichloropropene	10061-02-6	ug/kg		5.00 T	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Trichloroethene	79-01-6	ug/kg	29000	140	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Trichlorofluoromethane	75-69-4	ug/kg	67000	22000	<11		<9.4		<8.5				<14		<18		<8.7		<11		<10		<11		<11		<8.2		<12			
Vinyl chloride	75-01-4	ug/kg	800	1	<5.4		<4.7		<4.2				<7.0		<8.8		<4.3		<5.6		<5.2		<5.4		<5.4		<4.1		<6.2			
Other																																
Nitrocellulose	9004-70-0				10		8.3		10		17	B J u	16				8.8		10		13		1.8	B J u			2.9		12		8		7.2	B J u
Percent Moisture		%																														

Table 19
AOC7C-Southeast Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7C-SS-GP6(0-6INCHES)		FGOW-AOC7C-SS-GP8(2-4FT)		FGOW-AOC7C-SS-GP7(0-6INCHES)		FGOW-AOC7C-S-GP7(2-4FT)		FGOW-AOC7C-SS-SS1(0-6INCHES)		FGOW-AOC7C-SS-SS2(0-6INCHES)		FGOW-AOC7C-SS-SS3(0-6INCHES)		FGOW-AOC7C-SS-SS4(0-6INCHES)		FGOW-AOC7C-SS-SS5(0-6INCHES)		FGOW-AOC7C-SS-SS5(0-6INCHES) DUP		FGOW-AOC7C-SS-SS6(0-6INCHES)		FGOW-AOC7C-SS-SS7(0-6INCHES)		FGOW-AOC7C-SS-SS8(0-6INCHES)		FGOW-AOC7C-SS-SS8(0-6INCHES) DUP	
Lab Sample ID:			**Screening Criteria**		J7H240251UU1		J7H240251UU2		J7H240251UU3		J7H240251UU4		J7H250161UU6		J7H250161UU7		J7H250161UU8		J7H250161UU9		J7H250161U10		J7H250161U15		J7H250161U11		J7H250161U12		J7H250161U13		J7H250161U14	
Sample Matrix:			Tier I SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/22/2007		8/22/2007		8/22/2007		8/22/2007		8/24/2007		8/24/2007		8/24/2007		8/24/2007		8/24/2007		8/24/2007		8/24/2007		8/24/2007		8/24/2007		8/24/2007	
Analyte:	CAS Number	Unit																														
Explosives																																
2,4-Dinitrotoluene	121-14-2	mg/kg	50	0.001	<0.25				<0.25				<0.25		<0.25		<0.25		<0.25		<0.25		<0.25		<0.25		<0.25		<0.25		<0.25	
2,6-Dinitrotoluene	606-20-2	mg/kg	25	0.001	<0.25				<0.25				<0.25		<0.25		<0.25		<0.25		<0.25		<0.25		<0.25		<0.25		<0.25		<0.25	
Metals																																
Arsenic	7440-38-2	mg/kg	5	15.1	1.8	J	1.6	J	1.9	J	2.3	J																				
Barium	7440-39-3	mg/kg	1200	842	29		31		46		46																					
Cadmium	7440-43-9	mg/kg	25	4.4	0.092	J	0.088	J	0.21	J	0.2	J																				
Chromium	7440-47-3	mg/kg	44000/87	1000000/18	9.9		8		14		11																					
Lead	7439-92-1	mg/kg	300	525	2.9	J	3.4	J	4.6	J	5.2	J																				
Mercury	7439-97-6	mg/kg	500	1600	<0.035		<0.035		<0.037		<0.036																					
Selenium	7782-49-2	mg/kg	160	1.5	<3.2		<3.2		<3.3		<3.2																					
Silver	7440-22-4	mg/kg	160	3.9	<1.6		<1.6		<1.7		<1.6																					
SVOCs																																
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<350		<350		<370		<360																					
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<350		<350		<370		<360																					
1,2-Diphenylhydrazine	122-66-7	ug/kg			<350		<350		<370		<360																					
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<350		<350		<370		<360																					
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<350		<350		<370		<360																					
2,4,5-Trichlorophenol	95-95-4	ug/kg	1920000		<350		<350		<370		<360																					
2,4,6-Trichlorophenol	88-06-2	ug/kg	595000	210	<350		<350		<370		<360																					
2,4-Dichlorophenol	120-83-2	ug/kg	48000	76	<350		<350		<370		<360																					
2,4-Dimethylphenol	105-67-9	ug/kg	390000	340	<350		<350		<370		<360																					
2,4-Dinitrophenol	51-28-5	ug/kg		14	<1700		<1700		<1800		<1700																					
2,4-Dinitrotoluene	121-14-2	ug/kg	50000	1	<350		<350		<370		<360																					
2,6-Dichlorophenol	87-65-0	ug/kg			<350		<350		<370		<360																					
2,6-Dinitrotoluene	606-20-2	ug/kg	25000	1	<350		<350		<370		<360																					
2-Chloronaphthalene	91-58-7	ug/kg			<350		<350		<370		<360																					
2-Chlorophenol	95-57-8	ug/kg		260	<350		<350		<370		<360																					
2-Methylnaphthalene	91-57-6	ug/kg	100000		<350		48	J	<370		<360																					
2-Methylphenol	95-48-7	ug/kg	75000	64	<350		<350		<370		<360																					
2-Nitroaniline	88-74-4	ug/kg			<1700		<1700		<1800		<1700																					
2-Nitrophenol	88-75-5	ug/kg			<350		<350		<370		<360																					
3,3-Dichlorobenzidine	91-94-1	ug/kg	25000	360	<1700		<1700		<1800		<1700																					
3-Methylphenol & 4-Methylphenol	65794-96-9	ug/kg			<350		<350		<370		<360																					
3-Nitroaniline	99-09-2	ug/kg			<1700		<1700		<1800		<1700																					
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg			<1700		<1700		<1800		<1700																					
4-Bromophenyl phenyl ether	101-55-3	ug/kg			<350		<350		<370		<360																					
4-Chloro-3-methylphenol	59-50-7	ug/kg			<350		<350		<370		<360																					
4-Chloroaniline	106-47-8	ug/kg			<350		<350		<370		<360																					
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg			<350		<350		<370		<360																					
4-Nitroaniline	100-01-6	ug/kg			<1700		<1700		<1800		<1700																					
4-Nitrophenol	100-02-7	ug/kg			<1700		<1700		<1800		<1700																					
Acenaphthene	83-32-9	ug/kg	1200000	50000	<350		<350		<370		<360																					
Acenaphthylene	208-96-8	ug/kg			<350		<350		<370		<360																					
Anthracene	120-12-7	ug/kg	7880000	942000	<350		45	J	<370		<360																					
Benzidine	92-87-5	ug/kg			<4300		<4300		<4400		<4300																					
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP	<350		98	J	<370		<360																					
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200	<350		65	J	<370		<360																					
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP	<350		110	J,K	<370		<360																					
Benzo(ghi)perylene	191-24-2	ug/kg			<350		<350		<370		<360																					
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP	<350		<350		<370		<360																					
Benzoic acid	65-85-0	ug/kg	50000000	30000	<1700		<1700		<1800		<1700																					
Benzyl alcohol	100-51-6	ug/kg	5700000		<350		<350		<370		<360																					
bis(2-Chloroethoxy)methane	111-91-1	ug/kg			<350		<350		<370		<360																					
bis(2-Chloroethyl) ether	111-44-4	ug/kg	2500	1	<350		<350		<370		<360																					
bis(2-Chloroisopropyl) ether	108-60-1	ug/kg		670	<350		<350		<370		<360																					
bis(2-Ethylhexyl) phthalate	117-81-7	ug/kg	570000	40000	<350		<350		<370		<360																					
Butyl benzyl phthalate	85-68-7	ug/kg	580000	28000	<350		<350		<370		<360																					
Carbazole	86-74-8	ug/kg	700000		<350		<350		<370		<360																					
Chrysene	218-01-9	ug/kg	BaP	BaP	<350		98	J	<370		<360																					
Di-n-butyl phthalate	84-74-2	ug/kg	2440000	23000	<350		<350		<370		<360																					
Di-n-octyl phthalate	117-84-0	ug/kg	520000		<350		<350		<370		<360																					
Dibenz(a,h)anthracene	53-70-3	ug/kg	BaP	BaP	<350		<350		<370		<360																					
Dibenzofuran	132-64-9	ug/kg	104000		<350		42	J	<370		<360																					
Diethyl phthalate	84-66-2	ug/kg		18000	<700		<700		<730		<710																					
Dimethyl phthalate	131-11-3	ug/kg		172000	<350		<350		<370		<360																					
Diphenylamine	122-39-4	ug/kg		1600	<350				<370				<370		<470		<420		<420		<480		<520		<550		<420		<430		<440	
Fluoranthene	206-44-0	ug/kg	1080000	295000	<350		200	J	<370		<360																					
Fluorene	86-73-7	ug/kg	850000	47000	<350		<350		<370		<360																					
Hexachlorobenzene	118-74-1	ug/kg	5000	320	<350		<350		<370		<360																					
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<350		<350		<370		<360																					
Hexachloroethane	67-72-1	ug/kg		50	<350		<350		<370		<360																					
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg			<350		<350		<370		<360																					
Isophorone	78-59-1	ug/kg		160	<350		<350		<370		<360																					
N-Nitrosodi-n-propylamine	621-64-7	ug/kg	700		<350		<350		<370		<360																					
N-Nitrosodimethylamine	62-75-9	ug/kg		820	<560		<550		<580		<560																					
N-Nitrosodiphenylamine	86-30-6	ug/kg	1950000	880	<350		<350		<370		<360																					
N-Nitrosopyrrolidine	930-55-2	ug/kg			<350		<350		<370		<360																					
Naphthalene	91-20-3	ug/kg	10000	7500	<350		<350		<370		<360																					
Nitrobenzene	98-95-3	ug/kg			<350		<350		<370		<360																					
Pentachlorophenol	87-86-5	ug/kg	6000	34	<1700		<1700		<1800		<1700																					
Phenanthrene	85-01-8	ug/kg			<350		230	J	<370		52	J																				
Phenol	108-95-2	ug/kg	1100000	7800	<350		<350		<370		<360																					
Pyrene	129-00-0	ug/kg	890000	272000	<430		180	J	<440		<430																					

Table 19
AOC7C-Southeast Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7C-SS-GP6(0-6INCHES)		FGOW-AOC7C-SS-GP6(2-4FT)		FGOW-AOC7C-SS-GP7(0-6INCHES)		FGOW-AOC7C-S-GP7(2-4FT)		FGOW-AOC7C-SS-SS1(0-6INCHES)		FGOW-AOC7C-SS-SS2(0-6INCHES)		FGOW-AOC7C-SS-SS3(0-6INCHES)		FGOW-AOC7C-SS-SS4(0-6INCHES)		FGOW-AOC7C-SS-SS5(0-6INCHES)		FGOW-AOC7C-SS-SS5(0-6INCHES) DUP		FGOW-AOC7C-SS-SS6(0-6INCHES)		FGOW-AOC7C-SS-SS7(0-6INCHES)		FGOW-AOC7C-SS-SS8(0-6INCHES)		FGOW-AOC7C-SS-SS8(0-6INCHES) DUP	
Lab Sample ID:			**Screening Criteria**		DJH24U251U01		DJH24U251U02		DJH24U251U03		DJH24U251U04		DJH25U161U06		DJH25U161U07		DJH25U161U08		DJH25U161U09		DJH25U161U10		DJH25U161U15		DJH25U161U11		DJH25U161U12		DJH25U161U13		DJH25U161U14	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/22/2007		8/22/2007		8/22/2007		8/22/2007		8/24/2007		8/24/2007		8/24/2007		8/24/2007		8/24/2007		8/24/2007		8/24/2007		8/24/2007		8/24/2007		8/24/2007	
Analyte:	CAS Number	Unit																														
VOCs																																
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	31000	1400	<5.4		<4.6		<11		<4.2																					
1,1,1-Trichloroethane	71-55-6	ug/kg	140000	3500	<5.4		<4.6		<11		<4.2																					
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	3500	5	<5.4		<4.6		<11		<4.2																					
1,1,2-Trichloroethane	79-00-5	ug/kg	9000	10	<5.4		<4.6		<11		<4.2																					
1,1-Dichloroethane	75-34-3	ug/kg	34000	180	<5.4		<4.6		<11		<4.2																					
1,1-Dichloroethene	75-35-4	ug/kg	20000	25	<5.4		<4.6		<11		<4.2																					
1,1-Dichloropropene	563-58-6	ug/kg			<5.4		<4.6		<11		<4.2																					
1,2,3-Trichlorobenzene	87-61-6	ug/kg			<5.4		<4.6		<11		<4.2																					
1,2,3-Trichloropropane	96-18-4	ug/kg		350	<5.4		<4.6		<11		<4.2																					
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<5.4		<4.6		<11		<4.2																					
1,2,4-Trimethylbenzene	95-63-6	ug/kg	8000		<5.4		<4.6		<11		<4.2																					
DBCP	96-12-8	ug/kg		1	<11		<9.3		<23		<8.4																					
EDB	106-93-4	ug/kg	300	0.01	<5.4		<4.6		<11		<4.2																					
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<5.4		<4.6		<11		<4.2																					
1,2-Dichloroethane	107-06-2	ug/kg	4000	10	<5.4		<4.6		<11		<4.2																					
1,2-Dichloropropane	78-87-5	ug/kg	4000	11	<5.4		<4.6		<11		<4.2																					
1,3,5-Trimethylbenzene	108-67-8	ug/kg	3000		<5.4		<4.6		<11		<4.2																					
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<5.4		<4.6		<11		<4.2																					
1,3-Dichloropropane	142-28-9	ug/kg			<5.4		<4.6		<11		<4.2																					
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<5.4		<4.6		<11		<4.2																					
2,2-Dichloropropane	594-20-7	ug/kg			<5.4		<4.6		<11		<4.2																					
MEK	78-93-3	ug/kg	5500000	6400	10	J B J	9.2	J B	21	J B J	8.7	J B																				
2-Chlorotoluene	95-49-8	ug/kg	436000		<5.4		<4.6		<11		<4.2																					
2-Hexanone	591-78-6	ug/kg			<22		<19		<45		<17																					
4-Chlorotoluene	106-43-4	ug/kg			<5.4		<4.6		<11		<4.2																					
4-Methyl-2-pentanone	108-10-1	ug/kg	1700000	420	<22		<19		<45		<17																					
Acetone	67-64-1	ug/kg	340000	700	<22		<19		<45		<17																					
Benzene	71-43-2	ug/kg	6000	34	<5.4		<4.6		<11		<4.2																					
Bromobenzene	108-86-1	ug/kg			<5.4		<4.6		<11		<4.2																					
Bromochloromethane	74-97-5	ug/kg		150	<5.4		<4.6		<11		<4.2																					
Bromodichloromethane	75-27-4	ug/kg	10000	13	<5.4		<4.6		<11		<4.2																					
Bromoform	75-25-2	ug/kg	370000	140	<5.4		<4.6		<11		<4.2																					
Bromomethane	74-83-9	ug/kg	700	500	<11		<9.3		<23		<8.4																					
Carbon disulfide	75-15-0	ug/kg	65000	2800	<5.4		<4.6		<11		<4.2																					
Carbon tetrachloride	56-23-5	ug/kg	300	23	<5.4		<4.6		<11		<4.2																					
Chlorobenzene	108-90-7	ug/kg	11000	1100	<5.4		<4.6		<11		<4.2																					
Chloroethane	75-00-3	ug/kg	1000000		<11		<9.3		<23		<8.4																					
Chloroform	67-66-3	ug/kg	2500	170	<11		<9.3		<23		<8.4																					
Chloromethane	74-87-3	ug/kg	8000	6	<11		<9.3		<23		<8.4																					
cis-1,2-Dichloroethene	156-59-2	ug/kg	8000	140	<2.7		<2.3		<5.6		<2.1																					
cis-1,3-Dichloropropene	10061-01-5	ug/kg		5.00 T	<5.4		<4.6		<11		<4.2																					
Dibromochloromethane	124-48-1	ug/kg	12000	30	<5.4		<4.6		<11		<4.2																					
Dibromomethane	74-95-3	ug/kg	260000		<5.4		<4.6		<11		<4.2																					
Dichlorodifluoromethane	75-71-8	ug/kg	16000	38000	<11		<9.3		<23		<8.4																					
Ethylbenzene	100-41-4	ug/kg	200000	4700	<5.4		<4.6		<11		<4.2																					
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<5.4		<4.6		<11		<4.2																					
Isopropylbenzene	98-82-8	ug/kg	30000	18000	<5.4		<4.6		<11		<4.2																					
m-Xylene & p-Xylene	136777-61-2	ug/kg	45000 T	45000 T	<2.7		<2.3		<5.6		<2.1																					
Methyl tert-butyl ether	1634-04-4	ug/kg		27	<22		<19		<45		<17																					
Methylene chloride	75-09-2	ug/kg	97000	68	<5.4		<4.6		<11		<4.2																					
n-Butylbenzene	104-51-8	ug/kg	30000		<5.4		<4.6		<11		<4.2																					
n-Propylbenzene	103-65-1	ug/kg	30000		<5.4		<4.6		<11		<4.2																					
Naphthalene	91-20-3	ug/kg	10000	7500	<5.4		<4.6		1.5	J B J	<4.2																					
o-Xylene	95-47-6	ug/kg	45000 T	45000 T	<2.7		<2.3		<5.6		<2.1																					
p-Isopropyltoluene	99-87-6	ug/kg			<5.4		<4.6		<11		<4.2																					
sec-Butylbenzene	135-98-8	ug/kg	25000		<5.4		<4.6		<11		<4.2																					
Styrene	100-42-5	ug/kg	210000	1900	<5.4		<4.6		<11		<4.2																					
tert-Butylbenzene	98-06-6	ug/kg	30000		<5.4		<4.6		<11		<4.2																					
Tetrachloroethene	127-18-4	ug/kg	72000	68	<5.4		<4.6		<11		<4.2																					
Toluene	108-88-3	ug/kg	107000	6400	<5.4		<4.6		<11		<4.2																					
trans-1,2-Dichloroethene	156-60-5	ug/kg	11000	270	<2.7		<2.3		<5.6		<2.1																					
trans-1,3-Dichloropropene	10061-02-6	ug/kg		5.00 T	<5.4		<4.6		<11		<4.2																					
Trichloroethene	79-01-6	ug/kg	29000	140	<5.4		<4.6		<11		<4.2																					
Trichlorofluoromethane	75-69-4	ug/kg	67000	22000	<11		<9.3		<23		<8.4																					
Vinyl chloride	75-01-4	ug/kg	800	1	<5.4		<4.6		<11		<4.2																					
Other																																
Nitrocellulose	9004-70-0				1.4	B J u			1.4	B J u			1.4	B J u	2.8	B J u	1.8	B J u	1.5	B J u	2.7	B J u	1.7	B J	2.1	B J u	1.2	B J	1.5	B J	1.8	B J
Percent Moisture		%			6.4		6		10		7.2		11		30		21		22		32		37		40		21		24		25	

Table 20
AOC7C-Southeast Quadrant
Groundwater Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7C-W-GP3		FGOW-AOC7C-W-GP6		FGOW-AOC7C-W-GP6 DUP		FGOW-AOC7C-W-GP6 DUP		FGOW-AOC7C-W-GP7		FGOW-AOC7C-W-GP7	
Lab Sample ID:			**Screening Criteria**		D7H230183005		D7H230183010		D7H230183009		D7H230183009		D7H240251005		D7H240251005-RE2	
Sample Matrix:			Drinking Water Criterion	Drinking Water Basis	WATER		WATER		WATER		WATER		WATER		WATER	
Sample Date:					8/21/2007		8/22/2007		8/22/2007		8/22/2007		8/23/2007		8/23/2007	
Analyte:	CAS Number	Unit														
Explosives																
2,4-Dinitrotoluene	121-14-2	ug/L					<0.40		<0.40		<0.40		<0.40			
2,6-Dinitrotoluene	606-20-2	ug/L					<0.40		<0.40		<0.40		<0.40			
Metals																
Arsenic	7440-38-2	ug/L	10	MCL	<25		<25		<25		<25		<25			
Barium	7440-39-3	ug/L	2000	HRL	70		57		55		55		100			
Cadmium	7440-43-9	ug/L	4	HRL	<5.0		<5.0		<5.0		<5.0		<5.0			
Chromium	7440-47-3	ug/L	100	MCL	31		<15		<15		<15		<15			
Lead	7439-92-1	ug/L	NA	NA	<15		<15		<15		<15		<15			
Mercury	7439-97-6	ug/L	2	MCL	<0.20		<0.20		<0.20				<0.20			
Selenium	7782-49-2	ug/L	30	HRL	<22		<22		<22		<22		<22			
Silver	7440-22-4	ug/L	30	HRL	<15		<15		<15		<15		<15			
SVOCs																
1,2,4-Trichlorobenzene	120-82-1	ug/L	70	MCL	<10		<10		<10		<10				<10	
1,2-Dichlorobenzene	95-50-1	ug/L	600	HRL	<10		<10		<10		<10				<10	
1,2-Diphenylhydrazine	122-66-7	ug/L			<10		<10		<10		<10				<10	
1,3-Dichlorobenzene	541-73-1	ug/L	600	MCL	<10		<10		<10		<10				<10	
1,4-Dichlorobenzene	106-46-7	ug/L	10	HRL	<10		<10		<10		<10				<10	
2,4,5-Trichlorophenol	95-95-4	ug/L			<20		<20		<20		<20				<20	
2,4,6-Trichlorophenol	88-06-2	ug/L	30	HRL	<20		<20		<20		<20				<20	
2,4-Dichlorophenol	120-83-2	ug/L	20	HRL	<10		<10		<10		<10				<10	
2,4-Dimethylphenol	105-67-9	ug/L	100	HRL	<10		<10		<10		<10				<10	
2,4-Dinitrophenol	51-28-5	ug/L	10	HRL	<80		<80		<80		<80				<80	
2,4-Dinitrotoluene	121-14-2	ug/L			<20		<20		<20		<20				<20	
2,6-Dichlorophenol	87-65-0	ug/L			<10		<10		<10		<10				<10	
2,6-Dinitrotoluene	606-20-2	ug/L			<20		<20		<20		<20				<20	
2-Chloronaphthalene	91-58-7	ug/L			<10		<10		<10		<10				<10	
2-Chlorophenol	95-57-8	ug/L	30	HRL	<10		<10		<10		<10				<10	
2-Methylnaphthalene	91-57-6	ug/L			<10		<10		<10		<10				<10	
2-Methylphenol	95-48-7	ug/L	30	HRL	<10		<10		<10		<10				<10	
2-Nitroaniline	88-74-4	ug/L			<50		<50		<50		<50				<50	
2-Nitrophenol	88-75-5	ug/L			<20		<20		<20		<20				<20	
3,3-Dichlorobenzidine	91-94-1	ug/L	0.8	HRL	<50		<50		<50		<50				<50	
3-Methylphenol & 4-Methylphenol	65794-96-9	ug/L	30/3	HRL	<20		<20		<20		<20				<20	
3-Nitroaniline	99-09-2	ug/L			<50		<50		<50		<50				<50	
4,6-Dinitro-2-methylphenol	534-52-1	ug/L			<80		<80		<80		<80				<80	
4-Bromophenyl phenyl ether	101-55-3	ug/L			<10		<10		<10		<10				<10	
4-Chloro-3-methylphenol	59-50-7	ug/L			<20		<20		<20		<20				<20	
4-Chloroaniline	106-47-8	ug/L			<25		<25		<25		<25				<25	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L			<10		<10		<10		<10				<10	
4-Nitroaniline	100-01-6	ug/L			<50		<50		<50		<50				2	J
4-Nitrophenol	100-02-7	ug/L	60	LHA	<50		<50		<50		<50				2.6	J
Acenaphthene	83-32-9	ug/L	400	HRL	<10		<10		<10		<10				<10	
Acenaphthylene	208-96-8	ug/L			<10		<10		<10		<10				<10	
Anthracene	120-12-7	ug/L	2000	HRL	<10		<10		<10		<10				<10	
Benzidine	92-87-5	ug/L			<200		<200		<200		<200				<200	
Benzo(a)anthracene	56-55-3	ug/L	BaP		<10		<10		<10		<10				1.4	J
Benzo(a)pyrene	50-32-8	ug/L	0.05	HBV	<10		<10		<10		<10				<10	
Benzo(b)fluoranthene	205-99-2	ug/L	BaP		<10		<10		<10		<10				<10	
Benzo(ghi)perylene	191-24-2	ug/L			<10		<10		<10		<10				<10	
Benzo(k)fluoranthene	207-08-9	ug/L	BaP		<10		<10		<10		<10				<10	
Benzoic acid	65-85-0	ug/L	30000	HRL	<80		<80		<80		<80				<80	
Benzyl alcohol	100-51-6	ug/L			<25		<25		<25		<25				<25	
bis(2-Chloroethoxy)methane	111-91-1	ug/L			<10		<10		<10		<10				<10	
bis(2-Chloroethyl) ether	111-44-4	ug/L	0.3	HRL	<20		<20		<20		<20				<20	
bis(2-Chloroisopropyl) ether	108-60-1	ug/L	300	LHA	<10		<10		<10		<10				<10	
bis(2-Ethylhexyl) phthalate	117-81-7	ug/L	20	HRL	6.6	J	2.2	J	2.2	J	2.2	J			2.3	J B
Butyl benzyl phthalate	85-68-7	ug/L	100	HRL	<20		<20		<20		<20				<20	
Carbazole	86-74-8	ug/L			<10		<10		<10		<10				1.9	J
Chrysene	218-01-9	ug/L	BaP		<10		<10		<10		<10				1.5	J
Di-n-butyl phthalate	84-74-2	ug/L	700	HRL	<20		<20		<20		<20				<20	
Di-n-octyl phthalate	117-84-0	ug/L			<20		<20		<20		<20				<20	
Dibenz(a,h)anthracene	53-70-3	ug/L	BaP		<10		<10		<10		<10				<10	
Dibenzofuran	132-64-9	ug/L			<10		<10		<10		<10				<10	
Diethyl phthalate	84-66-2	ug/L	6000	HRL	<20		<20		<20		<20				<20	
Dimethyl phthalate	131-11-3	ug/L	70000	HRL	<20		<20		<20		<20				<20	
Diphenylamine	122-39-4		200	LHA			<10		<10		<10				<10	
Fluoranthene	206-44-0	ug/L	300	HRL	<20		<20		<20		<20				1.2	J
Fluorene	86-73-7	ug/L	300	HRL	<10		<10		<10		<10				<10	
Hexachlorobenzene	118-74-1	ug/L	0.2	HRL	<10		<10		<10		<10				<10	
Hexachlorobutadiene	87-68-3	ug/L	1	HRL	<30		<30		<30		<30				<30	
Hexachloroethane	67-72-1	ug/L	1	LHA	<10		<10		<10		<10				<10	
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	BaP		<10		<10		<10		<10				<10	
Isophorone	78-59-1	ug/L	100	HRL	<10		<10		<10		<10				<10	
N-Nitrosodi-n-propylamine	621-64-7	ug/L			<20		<20		<20		<20				<20	
N-Nitrosodimethylamine	62-75-9	ug/L			<10		<10		<10		<10				<10	
N-Nitrosodiphenylamine	86-30-6	ug/L	70	HRL	<10		<10		<10		<10				<10	
N-Nitrosopyrrolidine	930-55-2	ug/L			<10		<10		<10		<10				<10	
Naphthalene	91-20-3	ug/L	300	HRL	<10		<10		<10		<10				<10	
Nitrobenzene	98-95-3	ug/L			<20		<20		<20		<20				<20	
Pentachlorophenol	87-86-5	ug/L	3	HRL	<80		<80		<80		<80				<80	
Phenanthrene	85-01-8	ug/L			<10		<10		<10		<10				<10	
Phenol	108-95-2	ug/L	4000	HRL	<10		<10		<10		<10				<10	
Pyrene	129-00-0	ug/L	200	HRL	<10		<10		<10		<10				1.1	J

Table 20
AOC7C-Southeast Quadrant
Groundwater Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7C-W-GP3		FGOW-AOC7C-W-GP6		FGOW-AOC7C-W-GP6 DUP		FGOW-AOC7C-W-GP6 DUP		FGOW-AOC7C-W-GP7		FGOW-AOC7C-W-GP7	
Lab Sample ID:			**Screening Criteria**		D7H230183005		D7H230183010		D7H230183009		D7H230183009		D7H240251005		D7H240251005-RE2	
Sample Matrix:			Drinking Water Criterion	Drinking Water Basis	WATER		WATER		WATER		WATER		WATER		WATER	
Sample Date:					8/21/2007		8/22/2007		8/22/2007		8/22/2007		8/23/2007		8/23/2007	
Analyte:	CAS Number	Unit														
VOCs																
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	70	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
1,1,1-Trichloroethane	71-55-6	ug/L	600	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
1,1,2-Trichloroethane	79-00-5	ug/L	3	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
1,1-Dichloroethane	75-34-3	ug/L	70	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
1,1-Dichloroethene	75-35-4	ug/L	6	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
1,1-Dichloropropene	563-58-6	ug/L			<1.0		<1.0		<1.0		<1.0		<1.0			
1,2,3-Trichlorobenzene	87-61-6	ug/L			<1.0		<1.0		<1.0		<1.0		<1.0			
1,2,3-Trichloropropane	96-18-4	ug/L	40	HRL	<2.0		<2.0		<2.0		<2.0		<2.0			
1,2,4-Trichlorobenzene	120-82-1	ug/L	70	MCL	<1.0		<1.0		<1.0		<1.0		<1.0			
1,2,4-Trimethylbenzene	95-63-6	ug/L			<1.0		<1.0		<1.0		<1.0		<1.0			
DBCP	96-12-8	ug/L	0.2	MCL	<5.0		<5.0		<5.0		<5.0		<5.0			
EDB	106-93-4	ug/L	0.004	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
1,2-Dichlorobenzene	95-50-1	ug/L	600	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
1,2-Dichloroethane	107-06-2	ug/L	4	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
1,2-Dichloropropane	78-87-5	ug/L	5	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
1,3,5-Trimethylbenzene	108-67-8	ug/L			<1.0		<1.0		<1.0		<1.0		<1.0			
1,3-Dichlorobenzene	541-73-1	ug/L	600	MCL	<1.0		<1.0		<1.0		<1.0		<1.0			
1,3-Dichloropropane	142-28-9	ug/L			<1.0		<1.0		<1.0		<1.0		<1.0			
1,4-Dichlorobenzene	106-46-7	ug/L	10	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
2,2-Dichloropropane	594-20-7	ug/L			<1.0		<1.0		<1.0		<1.0		<1.0			
MEK	78-93-3	ug/L	4000	HRL	2.3	J	<6.0		<6.0		<6.0		<6.0			
2-Chlorotoluene	95-49-8	ug/L	100	LHA	<1.0		<1.0		<1.0		<1.0		<1.0			
2-Hexanone	591-78-6	ug/L			<5.0		<5.0		<5.0		<5.0		<5.0			
4-Chlorotoluene	106-43-4	ug/L	100	LHA	<1.0		<1.0		<1.0		<1.0		<1.0			
4-Methyl-2-pentanone	108-10-1	ug/L	300	HRL	<5.0		<5.0		<5.0		<5.0		<5.0			
Acetone	67-64-1	ug/L	700	HRL	5.8	J	<10		<10		<10		<10			
Benzene	71-43-2	ug/L	10	HRL	0.21	J	<1.0		<1.0		<1.0		<1.0			
Bromobenzene	108-86-1	ug/L			<1.0		<1.0		<1.0		<1.0		<1.0			
Bromochloromethane	74-97-5	ug/L	90	LHA	<1.0		<1.0		<1.0		<1.0		<1.0			
Bromodichloromethane	75-27-4	ug/L	6	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
Bromoform	75-25-2	ug/L	40	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
Bromomethane	74-83-9	ug/L	10	HRL	<2.0		<2.0		<2.0		<2.0		<2.0			
Carbon disulfide	75-15-0	ug/L	700	HRL	<2.0		<2.0		<2.0		<2.0		<2.0			
Carbon tetrachloride	56-23-5	ug/L	3	HRL	<2.0		<2.0		<2.0		<2.0		<2.0			
Chlorobenzene	108-90-7	ug/L	100	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
Chloroethane	75-00-3	ug/L	280	HBV	<2.0		<2.0		<2.0		<2.0		<2.0			
Chloroform	67-66-3	ug/L	60	HRL	1		0.99	J	1		1		1			
Chloromethane	74-87-3	ug/L	3	LHA	<2.0		<2.0		<2.0		<2.0		<2.0			
cis-1,2-Dichloroethene	156-59-2	ug/L			<1.0		<1.0		<1.0		<1.0		<1.0			
cis-1,3-Dichloropropene	10061-01-5	ug/L			<1.0		<1.0		<1.0		<1.0		<1.0			
Dibromochloromethane	124-48-1	ug/L	80	MCL	<1.0		<1.0		<1.0		<1.0		<1.0			
Dibromomethane	74-95-3	ug/L			<1.0		<1.0		<1.0		<1.0		<1.0			
Dichlorodifluoromethane	75-71-8	ug/L	1000	HRL	<2.0		<2.0		<2.0		<2.0		<2.0			
Ethylbenzene	100-41-4	ug/L	700	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
Hexachlorobutadiene	87-68-3	ug/L	1	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
Isopropylbenzene	98-82-8	ug/L	300	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
m-Xylene & p-Xylene	136777-61-2	ug/L	10000 T	HRL	<2.0		<2.0		<2.0		<2.0		<2.0			
Methyl tert-butyl ether	1634-04-4	ug/L	70	HBV	<5.0		<5.0		<5.0		<5.0		<5.0			
Methylene chloride	75-09-2	ug/L	50	HRL	<5.0		<5.0		<5.0		<5.0		<5.0			
n-Butylbenzene	104-51-8	ug/L			<1.0		<1.0		<1.0		<1.0		<1.0			
n-Propylbenzene	103-65-1	ug/L			<1.0		<1.0		<1.0		<1.0		<1.0			
Naphthalene	91-20-3	ug/L	300	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
o-Xylene	95-47-6	ug/L	10000 T	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
p-Isopropyltoluene	99-87-6	ug/L			<1.0		<1.0		<1.0		<1.0		<1.0			
sec-Butylbenzene	135-98-8	ug/L			<1.0		<1.0		<1.0		<1.0		<1.0			
Styrene	100-42-5	ug/L	100	MCL	<1.0		<1.0		<1.0		<1.0		<1.0			
tert-Butylbenzene	98-06-6	ug/L			<1.0		<1.0		<1.0		<1.0		<1.0			
Tetrachloroethene	127-18-4	ug/L	7	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
Toluene	108-88-3	ug/L	1000	HRL	0.35	J	<1.0		<1.0		<1.0		<1.0			
trans-1,2-Dichloroethene	156-60-5	ug/L	100	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
trans-1,3-Dichloropropene	10061-02-6	ug/L			<1.0		<1.0		<1.0		<1.0		<1.0			
Trichloroethene	79-01-6	ug/L	30	HRL	0.23	J	0.17	J	0.16	J	0.16	J	<1.0			
Trichlorofluoromethane	75-69-4	ug/L	2000	HRL	<2.0		<2.0		<2.0		<2.0		<2.0			
Vinyl chloride	75-01-4	ug/L	0.2	HRL	<1.0		<1.0		<1.0		<1.0		<1.0			
Other																
Nitrocellulose	9004-70-0	mg/L					0.87		<0.50		<0.50		0.22	B		

Table 21
AOC7D-Southwest Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7D-SS-GP1(0-6INCHES)		FGOW-AOC7D-S-GP1(2-4FEET)		FGOW-AOC7D-S-GP1(8-10FEET)		FGOW-AOC7D-SS-GP2(0-6INCHES)		FGOW-AOC7D-SS-GP2(0-6INCHES)		FGOW-AOC7D-S-GP2(2-4FEET)		FGOW-AOC7D-S-GP2(2-4FEET)		FGOW-AOC7D-S-GP2(8-10FEET)		FGOW-AOC7D-SS-GP3(0-6INCHES)		FGOW-AOC7D-SS-GP3(0-6INCHES)		FGOW-AOC7D-SS-GP3(0-6INCHES)		FGOW-AOC7D-S-GP3(2-4FT)		FGOW-AOC7D-S-GP3(2-4FT)		FGOW-AOC7D-S-GP3(8-8FT)		FGOW-AOC7D-S-GP3(6-8FT)		FGOW-AOC7D-SS-GP4(0-6INCHES)
Lab Sample ID:			Screening Criteria		07H290237001		07H290237002		07H290237003		07H290237006		07H290237006-RE2		07H290237007		07H290237007-RE2		07H290237008		07H300206001		07H300206001-RE2		07H310262018		07H300206002		07H300206002-RE2		07H300206003		07H300206003-RE2		07H310262012	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/27/2007		8/27/2007		8/27/2007		8/28/2007		8/28/2007		8/28/2007		8/28/2007		8/28/2007		8/28/2007		8/28/2007		8/29/2007		8/29/2007		8/29/2007		8/29/2007		8/29/2007		8/30/2007	
Analyte:	CAS Number	Unit																																		
TPH																																				
Diesel Range Organics		mg/kg									6.2	J			7.4	J			<10				690												11	
PCBs																																				
Aroclor 1016	12674-11-2	ug/kg	1200 T	2100 T																													<170			
Aroclor 1221	11104-28-2	ug/kg	1200 T	2100 T																													<170			
Aroclor 1232	11141-16-5	ug/kg	1200 T	2100 T																													<170			
Aroclor 1242	53469-21-9	ug/kg	1200 T	2100 T																													<170			
Aroclor 1248	12672-29-6	ug/kg	1200 T	2100 T																													<170			
Aroclor 1254	11097-69-1	ug/kg	1200 T	2100 T																													<170			
Aroclor 1260	11096-82-5	ug/kg	1200 T	2100 T																													930			
Explosives																																				
2,4-Dinitrotoluene	121-14-2	mg/kg	50	0.001							<0.25				<0.25				<0.25																	
2,6-Dinitrotoluene	606-20-2	mg/kg	25	0.001							<0.25				<0.25				<0.25																	
Metals																																				
Arsenic	7440-38-2	mg/kg	5	15.1	2.5	U	**6.6**		0.96	J	3.9				2.6	J			2	J	4.3						**6.2**				**33**				3.3	
Barium	7440-39-3	mg/kg	1200	842	32		99		14		58				45				36		68						72				81				66	
Cadmium	7440-43-9	mg/kg	25	4.4	<0.56		<0.58		<0.52		<0.56				<0.55				<0.51		<0.59						0.27	J			0.85				<0.58	
Chromium	7440-47-3	mg/kg	44000/87	1000000/18	9.1		24		7.4		15				12				14		14						21				20				11	
Lead	7439-92-1	mg/kg	300	525	7	J	8.1	J	1.5	J	5.2	J			14				3.7	J	22						160				250				6.5	
Mercury	7439-97-6	mg/kg	500	1600	0.011	J	0.02	J	<0.034		0.014	J			0.021				0.019	J	0.053						0.14				0.24				0.033	
Selenium	7782-49-2	mg/kg	160	1.5	<3.4		<3.5		<3.1		<3.4				<3.3				<3.1		<3.6						<3.4				<3.1				<3.5	
Silver	7440-22-4	mg/kg	160	3.9	<1.7		<1.7		<1.6		<1.7				<1.7				<1.5		<1.8						<1.7				<1.6				<1.8	
SVOCs																																				
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
1,2-Diphenylhydrazine	122-66-7	ug/kg			<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
2,4,5-Trichlorophenol	95-95-4	ug/kg	1920000		<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
2,4,6-Trichlorophenol	88-06-2	ug/kg	595000	210	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
2,4-Dichlorophenol	120-83-2	ug/kg	48000	76	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
2,4-Dimethylphenol	105-67-9	ug/kg	390000	340	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
2,4-Dinitrophenol	51-28-5	ug/kg		14	<1800		<1900		<1700		<3600		<1800		<1800				<1600		<1900		<9500				<9000		<72000		<8300		<66000		<1900	
2,4-Dinitrotoluene	121-14-2	ug/kg	50000	1	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
2,6-Dichlorophenol	87-65-0	ug/kg			<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
2,6-Dinitrotoluene	606-20-2	ug/kg	25000	1	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
2-Chloronaphthalene	91-58-7	ug/kg			<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
2-Chlorophenol	95-57-8	ug/kg		260	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
2-Methylnaphthalene	91-57-6	ug/kg	100000		<370		<380		<340		<740		<370		<370				<340		220	J	250	J			2900		3100	J	2100		2300	J	<390	
2-Methylphenol	95-48-7	ug/kg	75000	64	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
2-Nitroaniline	88-74-4	ug/kg			<1800		<1900		<1700		<3600		<1800		<1800				<1600		<1900		<9500				<9000		<72000		<8300		<66000		<1900	
2-Nitrophenol	88-75-5	ug/kg			<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
3,3-Dichlorobenzidine	91-94-1	ug/kg	25000	360	<1800		<1900		<1700		<3600		<1800		<1800				<1600		<1900		<9500				<9000		<72000		<8300		<66000		<1900	
3-Methylphenol & 4-Methylphenol	65794-96-9	ug/kg			<370		<380		<340		<740		<370		<370				<340		<390		<2000				210	J	<15000		<1700		<14000		<390	
3-Nitroaniline	99-09-2	ug/kg			<1800		<1900		<1700		<3600		<1800		<1800				<1600		<1900		<9500				<9000		<72000		<8300		<66000		<1900	
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg			<1800		<1900		<1700		<3600		<1800		<1800				<1600		<1900		<9500				<9000		<72000		<8300		<66000		<1900	
4-Bromophenyl phenyl ether	101-55-3	ug/kg			<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
4-Chloro-3-methylphenol	59-50-7	ug/kg			<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
4-Chloroaniline	106-47-8	ug/kg			<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg			<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
4-Nitroaniline	100-01-6	ug/kg			<1800		<1900		<1700		<3600		<1800		<1800				<1600		<1900		<9500				<9000		<72000		<8300		<66000		<1900	
4-Nitrophenol	100-02-7	ug/kg			<1800		<1900		<1700		<3600		<1800		<1800				<1600		<1900		<9500				<9000		<72000		<8300		<66000		<1900	
Acenaphthene	83-32-9	ug/kg	1200000	50000	<370		<380		<340		<740		<370		<370				<340		1300		1400	J			12000		12000	J	10000		11000	J	<390	
Acenaphthylene	208-96-8	ug/kg			<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
Anthracene	120-12-7	ug/kg	7880000	942000	<370		<380		<340		<740		<370		<370				<340		3400	J	3600				31000		29000		26000		27000		<390	
Benzidine	92-87-5	ug/kg			<4500		<4700		<4100		<9000		<4500		<4400				<4100		<4700		<24000				<23000		<180000		<21000		<170000		<4700	
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP	56	J	<380		<340		<740		<370		38	J			43	J	6700	J	7000				43000	E	46000		37000	E	44000		<390	
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200	<370		<380		<340		<740		<370		<370				<340		**6600**	J	**5200**				**37000**		**34000**		**32000**		**32000**		<390	
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP	89	JK	<380		<340		<740		<370		54	J			40	J	6500	J	8200	K			43000	E	54000	K	37000	E	52000	K	41	<390
Benzo(ghi)perylene	191-24-2	ug/kg			<370		<380		<340		<740		<370		<370				<340		2400		2500				15000		15000		14000		14000		<390	
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP	<370		<380		<340		<740		<370		<370				<340		3900		<2000				24000		<15000		23000		<14000		<390	
Benzoic acid	65-85-0	ug/kg	50000000	30000	<1800		<1900		<1700		<3600		<1800		<1800				<1600		<1900		<9500				<9000		<72000		<8300		<66000		<1900	
Benzyl alcohol	100-51-6	ug/kg	8700000		<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
bis(2-Chloroethoxy)methane	111-91-1	ug/kg			<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
bis(2-Chloroethyl) ether	111-44-4	ug/kg	2500	1	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
bis(2-Chloroisopropyl) ether	108-60-1	ug/kg		670	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
bis(2-Ethylhexyl) phthalate	117-81-7	ug/kg	570000	40000	850		960		<340		10000		8600	E	890				420		<390		<2000				<1900		<15000		320	J	<14000		<390	
Butyl benzyl phthalate	85-68-7	ug/kg	580000	28000	<370		<380		<340		<740		<370		64	J			<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
Carbazole	86-74-8	ug/kg	700000		<370		<380		<340		<740		<370		<370				<340		1200		1400	J			9200		9900	J	11000		12000	J	<390	
Chrysene	218-01-9	ug/kg	BaP	BaP	56	J	<380		<340		<740		<370		52	J			53	J	6200	J	6300				44000	E	42000		37000	E	39000		<390	
Di-n-butyl phthalate	84-74-2	ug/kg	2440000	23000	<370		<380		<340		<740		38	J	<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
Di-n-octyl phthalate	117-84-0	ug/kg	520000		<370		<380		<340		190	J	<370		69	J			<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
Dibenz(a,h)anthracene	53-70-3	ug/kg	BaP	BaP	<370		<380		<340		<740		<370		<370				<340		790	J	840	J			6400	J	6400	J	5700		5500	J	<390	
Dibenzofuran	132-64-9	ug/kg	104000		<370		<380		<340		<740		<370		<370				<340		710		790	J			6700		7300	J	5700		6500	J	<390	
Diethyl phthalate	84-66-2	ug/kg		18000	<740		<770		<680		<1500		<740		<730				<680		<780		<3900				<3700		<300000		<3400		<27000		<770	
Dimethyl phthalate	131-11-3	ug/kg		172000	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
Diphenylamine	122-39-4			1600							<740		<370		<370				<340																	
Fluoranthene	206-44-0	ug/kg	1080000	295000	110	J	<380		<340		<740		<370		62	J			82	J	15000	J E	14000				110000	E	100000		92000	E	91000		<390	
Fluorene	86-73-7	ug/kg	850000	47000	<370		<380		<340		<740		<370		<370				<340		1500		1500	J			14000		14000	J	11000		12000	J	<390	
Hexachlorobenzene	118-74-1	ug/kg	5000	320	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
Hexachloroethane	67-72-1	ug/kg		50	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg			<370		<380		<340		<740		<370		<370				<340		2300		2500				15000		15000		14000		15000		<390	
Isophorone	78-59-1	ug/kg		160	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
N-Nitrosodi-n-propylamine	621-64-7	ug/kg	700		<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	

Table 21
AOC7D-Southwest Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7D-SS-GP1(0-6INCHES)		FGOW-AOC7D-S-GP1(2-4FEET)		FGOW-AOC7D-S-GP1(8-10FEET)		FGOW-AOC7D-SS-GP2(0-6INCHES)		FGOW-AOC7D-SS-GP2(0-6INCHES)		FGOW-AOC7D-S-GP2(2-4FEET)		FGOW-AOC7D-S-GP2(2-4FEET)		FGOW-AOC7D-S-GP2(8-10FEET)		FGOW-AOC7D-SS-GP3(0-6INCHES)		FGOW-AOC7D-SS-GP3(0-6INCHES)		FGOW-AOC7D-SS-GP3(0-6INCHES)		FGOW-AOC7D-S-GP3(2-4FT)		FGOW-AOC7D-S-GP3(2-4FT)		FGOW-AOC7D-S-GP3(6-8FT)		FGOW-AOC7D-S-GP3(6-8FT)		FGOW-AOC7D-SS-GP4(0-6INCHES)
Lab Sample ID:			Screening Criteria		D7H290237001		D7H290237002		D7H290237003		D7H290237006		D7H290237006-RE2		D7H290237007		D7H290237007-RE2		D7H290237008		D7H300206001		D7H300206001-RE2		D7H310262018		D7H300206002		D7H300206002-RE2		D7H300206003		D7H300206003-RE2		D7H310262012	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/27/2007		8/27/2007		8/27/2007		8/28/2007		8/28/2007		8/28/2007		8/28/2007		8/28/2007		8/28/2007		8/28/2007		8/29/2007		8/29/2007		8/29/2007		8/29/2007		8/29/2007		8/30/2007	
Analyte:	CAS Number	Unit																																		
N-Nitrosodimethylamine	62-75-9	ug/kg		820	<580		<610		<540		<1200		<580		<580				<530		<620		<3100				<2900		<23000		<2700		<2200		<610	
N-Nitrosodiphenylamine	86-30-6	ug/kg	1950000	880	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
N-Nitrosopyrrolidine	930-55-2	ug/kg			<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
Naphthalene	91-20-3	ug/kg	10000	7500	<370		<380		<340		<740		<370		<370				<340		270	J	340	J			5700		6000	J	3800		4500	J	<390	
Nitrobenzene	98-95-3	ug/kg			<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
Pentachlorophenol	87-86-5	ug/kg	6000	34	<1800		<1900		<1700		<3600		<1800		<1800				<1600		310	J	<9500				<9000		<72000		<8300		<66000		<1900	
Phenanthrene	85-01-8	ug/kg			50	J	<380		<340		<740		52	J	36	J			140	J	13000	J E	12000				92000	E	85000		88000	E	87000		44	
Phenol	108-95-2	ug/kg	1100000	7800	<370		<380		<340		<740		<370		<370				<340		<390		<2000				<1900		<15000		<1700		<14000		<390	
Pyrene	129-00-0	ug/kg	890000	272000	110	J	<470		<410		<900		40	J	59	J			77	J	12000	J E	13000				81000	E	86000		70000	E	83000		<470	
VOCs																																				
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	31000	1400	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<350		<8.2				<6.0			
1,1,1-Trichloroethane	71-55-6	ug/kg	140000	3500	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<350		<8.2				<6.0			
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	3500	5	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<350		<8.2				<6.0			
1,1,2-Trichloroethane	79-00-5	ug/kg	9000	10	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<350		<8.2				<6.0			
1,1-Dichloroethane	75-34-3	ug/kg	34000	180	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<350		<8.2				<6.0			
1,1-Dichloroethene	75-35-4	ug/kg	20000	25	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<350		<8.2				<6.0			
1,1-Dichloropropene	563-58-6	ug/kg			<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<350		<8.2				<6.0			
1,2,3-Trichlorobenzene	87-61-6	ug/kg			<7.4		<5.8		<5.6		<4.9				<6.3		1.2	J J	<5.6		<5.1						<5.1		220	J J	<8.2				<6.0			
1,2,3-Trichloropropane	96-18-4	ug/kg		350	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<350		<8.2				<6.0			
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<7.4		<5.8		<5.6		<4.9				<6.3		1.1	J J	<5.6		<5.1						<5.1		200	J J	<8.2				<6.0			
1,2,4-Trimethylbenzene	95-63-6	ug/kg	8000		2.8	J	1.5	J	0.87	J	0.92	J			1.7	J J	1	J J	<5.6		<5.1						1.2	J	75	J J	1.2	J			<6.0			
DBCP	96-12-8	ug/kg		1	<15		<12		<11		<9.8				<13		<12		<11		<10						<10		<690		<16				<12			
EDB	106-93-4	ug/kg	300	0.01	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<350		<8.2				<6.0			
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
1,2-Dichloroethane	107-06-2	ug/kg	4000	10	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
1,2-Dichloropropane	78-87-5	ug/kg	4000	11	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
1,3,5-Trimethylbenzene	108-67-8	ug/kg	3000		<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		61	J J	<8.2				<6.0			
1,3-Dichloropropane	142-28-9	ug/kg			<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		77	J J	<8.2				<6.0			
2,2-Dichloropropane	594-20-7	ug/kg			<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
MEK	78-93-3	ug/kg	5500000	6400	<29		<23		2.4	J	<20				18	J J	20	J J	<22		<20						<20		<1400		6.3	J			<24			
2-Chlorotoluene	95-49-8	ug/kg	436000		<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		39	J J	<8.2				<6.0			
2-Hexanone	591-78-6	ug/kg			<29		<23		<23		<20				<25		<25		<22		<20						<20		<1400		<33				<24			
4-Chlorotoluene	106-43-4	ug/kg			<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		34	J J	<8.2				<6.0			
4-Methyl-2-pentanone	108-10-1	ug/kg	1700000	420	<29		<23		<23		<20				<25		<25		<22		<20						<20		<1400		<33				<24			
Acetone	67-64-1	ug/kg	340000	700	<29		8	J	7.5	J	<20				70	J	77	J	<22		<20						6.7	J	<1400		51				14			
Benzene	71-43-2	ug/kg	6000	34	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
Bromobenzene	108-86-1	ug/kg			<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		43	J J	<8.2				<6.0			
Bromochloromethane	74-97-5	ug/kg		150	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
Bromodichloromethane	75-27-4	ug/kg	10000	13	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
Bromoform	75-25-2	ug/kg	370000	140	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
Bromomethane	74-83-9	ug/kg	700	500	<15		<12		<11		<9.8				<13		<12		<11		<10						<10		<690		<16				<12			
Carbon disulfide	75-15-0	ug/kg	65000	2800	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
Carbon tetrachloride	56-23-5	ug/kg	300	23	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
Chlorobenzene	108-90-7	ug/kg	11000	1100	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
Chloroethane	75-00-3	ug/kg	1000000		<15		<12		<11		<9.8				<13		<12		<11		<10						<10		<690		<16				<12			
Chloroform	67-66-3	ug/kg	2500	170	<15		<12		<11		<9.8				<13		<12		<11		<10						<10		<690		<16				<12			
Chloromethane	74-87-3	ug/kg	8000	6	<15		<12		<11		<9.8				<13		<12		<11		<10						<10		<690		<16				<12			
cis-1,2-Dichloroethene	156-59-2	ug/kg	8000	140	<3.7		<2.9		<2.8		<2.4				<3.1		<3.1		<2.8		<2.6						<2.5		<170		<4.1				<3.0			
cis-1,3-Dichloropropene	10061-01-5	ug/kg		5.00 T	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
Dibromochloromethane	124-48-1	ug/kg	12000	30	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
Dibromomethane	74-95-3	ug/kg	260000		<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
Dichlorodifluoromethane	75-71-8	ug/kg	16000	38000	<15		<12		<11		<9.8				<13		<12		<11		<10						<10		<690		<16				<12			
Ethylbenzene	100-41-4	ug/kg	200000	4700	1.9	J	0.95	J	<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		190	J J	<8.2				<6.0			
Isopropylbenzene	98-82-8	ug/kg	30000	18000	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
m-Xylene & p-Xylene	136777-61-2	ug/kg	45000 T		3.6	J	2.1	J	1.5	J	1.3	J			1.9	J J	<3.1		<2.8		<2.6						<2.5		<170		<4.1				<3.0			
Methyl tert-butyl ether	1634-04-4	ug/kg		27	<29		<23		<23		<20				<25		<25		<22		<20						<20		<1400		<33				<24			
Methylene chloride	75-09-2	ug/kg	97000	68	1.2	J	<5.8		<5.6		<4.9				<6.3		0.96	J B J	2.6	J	<5.1						<5.1		<350		1.3	J B J			<6.0			
n-Butylbenzene	104-51-8	ug/kg	30000		<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		81	J J	<8.2				<6.0			
n-Propylbenzene	103-65-1	ug/kg	30000		<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
Naphthalene	91-20-3	ug/kg	10000	7500	1.3	J	1	J	<5.6		<4.9				1.2	J J	1.9	J J	<5.6		12						390	E	2400	J	200				1			
o-Xylene	95-47-6	ug/kg	45000 T	45000 T	<3.7		<2.9		<2.8		<2.4				<3.1		<3.1		<2.8		<2.6						<2.5		<170		<4.1				<3.0			
p-Isopropyltoluene	99-87-6	ug/kg			<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		46	J J	<8.2				<6.0			
sec-Butylbenzene	135-98-8	ug/kg	25000		<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
Styrene	100-42-5	ug/kg	210000	1900	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
tert-Butylbenzene	98-06-6	ug/kg	30000		<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
Tetrachloroethene	127-18-4	ug/kg	72000	68	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
Toluene	108-88-3	ug/kg	107000	6400	1.8	J	1.2	J	1	J	0.81	J			1.2	J J	<6.1		<5.6		<5.1						0.79	J	<350		<8.2				1.2			
trans-1,2-Dichloroethene	156-60-5	ug/kg	11000	270	<3.7		<2.9		<2.8		<2.4				<3.1		<3.1		<2.8		<2.6						<2.5		<170		<4.1				<3.0			
trans-1,3-Dichloropropene	10061-02-6	ug/kg		5.00 T	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
Trichloroethene	79-01-6	ug/kg	29000	140	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
Trichlorofluoromethane	75-69-4	ug/kg	67000	22000	<15		<12		<11		<9.8				<13		<12		<11		<10						<10		<690		<16				<12			
Vinyl chloride	75-01-4	ug/kg	800	1	<7.4		<5.8		<5.6		<4.9				<6.3		<6.1		<5.6		<5.1						<5.1		<350		<8.2				<6.0			
Other																																				
Nitrocellulose	9004-70-0										1.1	B			0.91	B			3.1	B																
Percent Moisture		%			11		14		3.2		11				9.6				2.7		18				18		11				3.5				14	

Table 21
AOC7D-Southwest Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7D-S-GP4(2-4FT)		FGOW-AOC7D-SS-GP5(0-6INCHES)		FGOW-AOC7D-S-GP5(2-4FT)		FGOW-AOC7D-S-GP5(8-10FT)		FGOW-AOC7D-SS-GP6(0-6INCHES)		FGOW-AOC7D-S-GP6(2-4FT)	FGOW-AOC7D-SS-GP7(0-6INCHES)	FGOW-AOC7D-S-GP7(2-4FT)	FGOW-AOC7D-S-GP7(2-4FT)	FGOW-AOC7D-SS-GP8(0-6INCHES)	FGOW-AOC7D-SS-GP8(0-6INCHES) DUP		FGOW-AOC7D-S-GP8(2-4FT)		FGOW-AOC7D-SS-GP9(0-6INCHES)	FGOW-AOC7D-S-GP9(2-4FT)		FGOW-AOC7D-S-GP9(2-4FT) DUP
Lab Sample ID:			**Screening Criteria**		D7H310262002		D7H310262011		D7H310262003		D7H310262004		D7H310262009		D7H310262001	D7H300206004	D7H300206005	D7H300206005-RE2	D7H300206006	D7H300206008		D7H300206007		D7H310262010	D7H310262005		D7H310262006
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	SOLID	SOLID	SOLID	SOLID	SOLID		SOLID		SOLID	SOLID		SOLID
Sample Date:					8/29/2007		8/30/2007		8/29/2007		8/29/2007		8/30/2007		8/29/2007	8/29/2007	8/29/2007	8/29/2007	8/29/2007	8/29/2007		8/29/2007		8/30/2007	8/29/2007		8/29/2007
Analyte:	CAS Number	Unit																									
TPH																											
Diesel Range Organics		mg/kg			J 2.2	J	170		6300		4.5	J	4.8	J													
PCBs																											
Aroclor 1016	12674-11-2	ug/kg	1200 T	2100 T												<34	<45		<36	<36		<36					
Aroclor 1221	11104-28-2	ug/kg	1200 T	2100 T												<34	<45		<36	<36		<36					
Aroclor 1232	11141-16-5	ug/kg	1200 T	2100 T												<34	<45		<36	<36		<36					
Aroclor 1242	53469-21-9	ug/kg	1200 T	2100 T												<34	<45		<36	<36		<36					
Aroclor 1248	12672-29-6	ug/kg	1200 T	2100 T												<34	<45		<36	<36		<36					
Aroclor 1254	11097-69-1	ug/kg	1200 T	2100 T												<34	160		<36	<36		<36					
Aroclor 1260	11096-82-5	ug/kg	1200 T	2100 T												<34	140		36	60		<36					
Explosives																											
2,4-Dinitrotoluene	121-14-2	mg/kg	50	0.001			<0.25		<0.25		<0.25		<0.25		<0.25									<0.25			
2,6-Dinitrotoluene	606-20-2	mg/kg	25	0.001			<0.25		<0.25		<0.25		<0.25		<0.25									<0.25			
Metals																											
Arsenic	7440-38-2	mg/kg	5	15.1	**6.8**		**9.3**		**6.7**		2.7		**8.6**		2.9	1.4	J **12**		2.7	3		4.7		**11**	**5.2**		4.8
Barium	7440-39-3	mg/kg	1200	842	130		340		92		23		180		25	J 17	710		38	28		89		230	230		230
Cadmium	7440-43-9	mg/kg	25	4.4	<0.60		2		0.47	J	0.08	J	<0.68		<0.57	<0.51	1.5		0.1	J 0.21	J	<0.55		0.087	J <0.70		<0.68
Chromium	7440-47-3	mg/kg	44000/87	1000000/18	20		16		19		11		24		6.4	J 7.9	18		15	12		18		28	18		18
Lead	7439-92-1	mg/kg	300	525	J 9.4	J	730		88		8.3	J	17		4.3	J 11	5400		33	52		6.6	J	24	9.7	J	11	J
Mercury	7439-97-6	mg/kg	500	1600	J 0.027	J	1.1		0.55		<0.035		0.079		0.015	J 0.014	J 0.96		0.026	J 0.036		0.012	J	0.15	0.022	J	0.12	J
Selenium	7782-49-2	mg/kg	160	1.5	<3.8		2.8	J	<3.7		<3.2		<4.1		<3.4	<3.1	2.2	J	<3.2	<3.3		<3.3		<4.1	<4.2		<4.1
Silver	7440-22-4	mg/kg	160	3.9	<1.8		<2.0		<1.8		<1.6		<2.1		<1.7	<1.5	<2.1		<1.6	<1.6		<1.6		<2.1	<2.1		<2.0
SVOCs																											
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
1,2-Diphenylhydrazine	122-66-7	ug/kg			<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
2,4,5-Trichlorophenol	95-95-4	ug/kg	1920000		<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
2,4,6-Trichlorophenol	88-06-2	ug/kg	595000	210	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
2,4-Dichlorophenol	120-83-2	ug/kg	48000	76	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
2,4-Dimethylphenol	105-67-9	ug/kg	390000	340	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
2,4-Dinitrophenol	51-28-5	ug/kg		14	<1900		<2200		<9900		<1700		<2200		<1800	<1600	<2200	<8800	<1700	<1700		<1800		<2200	<2300		<2200
2,4-Dinitrotoluene	121-14-2	ug/kg	50000	1	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
2,6-Dichlorophenol	87-65-0	ug/kg			<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
2,6-Dinitrotoluene	606-20-2	ug/kg	25000	1	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
2-Chloronaphthalene	91-58-7	ug/kg			<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
2-Chlorophenol	95-57-8	ug/kg		260	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
2-Methylnaphthalene	91-57-6	ug/kg	100000		<400		480		1000	J	<350		<450		1500	<340	320	J 360	J <360	<360		<360		<450	<460		<450
2-Methylphenol	95-48-7	ug/kg	75000	64	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
2-Nitroaniline	88-74-4	ug/kg			<1900		<2200		<9900		<1700		<2200		<1800	<1600	<2200	<8800	<1700	<1700		<1800		<2200	<2300		<2200
2-Nitrophenol	88-75-5	ug/kg			<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
3,3-Dichlorobenzidine	91-94-1	ug/kg	25000	360	<1900		<2200		<9900		<1700		<2200		<1800	<1600	<2200	<8800	<1700	<1700		<1800		<2200	<2300		<2200
3-Methylphenol & 4-Methylphenol	65794-96-9	ug/kg			<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
3-Nitroaniline	99-09-2	ug/kg			<1900		<2200		<9900		<1700		<2200		<1800	<1600	<2200	<8800	<1700	<1700		<1800		<2200	<2300		<2200
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg			<1900		<2200		<9900		<1700		<2200		<1800	<1600	<2200	<8800	<1700	<1700		<1800		<2200	<2300		<2200
4-Bromophenyl phenyl ether	101-55-3	ug/kg			<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
4-Chloro-3-methylphenol	59-50-7	ug/kg			<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
4-Chloroaniline	106-47-8	ug/kg			<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg			<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
4-Nitroaniline	100-01-6	ug/kg			<1900		<2200		<9900		<1700		<2200		<1800	<1600	<2200	<8800	<1700	<1700		<1800		<2200	<2300		<2200
4-Nitrophenol	100-02-7	ug/kg			<1900		<2200		<9900		<1700		<2200		<1800	<1600	<2200	<8800	<1700	<1700		<1800		<2200	<2300		<2200
Acenaphthene	83-32-9	ug/kg	1200000	50000	<400		250	J	3900		<350		<450		<380	<340	700	790	J 43	J 66	J	<360		<450	<460		<450
Acenaphthylene	208-96-8	ug/kg			<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
Anthracene	120-12-7	ug/kg	7880000	942000	<400		550		9500		<350		<450		<380	<340	1400	1500	J 100	J 180	J	<360		<450	<460		<450
Benzidine	92-87-5	ug/kg			<4800		<5400		<25000		<4300		<5500		<4600	<4100	<5500	<22000	<4300	<4400		<4400		<5500	<5600		<5400
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP	<400		1700		12000		39	J	57	J	40	J <340	3600	4100	320	J 520		<360		65	J <460		<450
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200	<400		1500		**9900**		<350		52	J	<380	<340	**3300**	**3100**	270	J 460		<360		58	J <460		<450
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP	<400		2500	K	15000	K	52	JK	86	JK	<380	<340	5900	5300	480	770	K	<360		92	JK <460		<450
Benzo(ghi)perylene	191-24-2	ug/kg			<400		870		4900		<350		<450		<380	<340	1700	1600	150	J 250	J	<360		<450	<460		<450
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
Benzoic acid	65-85-0	ug/kg	50000000	30000	<1900		<2200		<9900		<1700		<2200		<1800	<1600	<2200	960	J <1700	<1700		<1800		<2200	<2300		<2200
Benzyl alcohol	100-51-6	ug/kg	8700000		<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
bis(2-Chloroethoxy)methane	111-91-1	ug/kg			<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
bis(2-Chloroethyl) ether	111-44-4	ug/kg	2500	1	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
bis(2-Chloroisopropyl) ether	108-60-1	ug/kg		670	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
bis(2-Ethylhexyl) phthalate	117-81-7	ug/kg	570000	40000	<400		69	J	<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
Butyl benzyl phthalate	85-68-7	ug/kg	580000	28000	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
Carbazole	86-74-8	ug/kg	700000		<400		310	J	4200		<350		<450		<380	<340	940	1000	J 61	J 110	J	<360		<450	<460		<450
Chrysene	218-01-9	ug/kg	BaP	BaP	<400		2000		12000		43	J	72	J	<380	<340	4000	4000	310	J 560		<360		73	J <460		<450
Di-n-butyl phthalate	84-74-2	ug/kg	2440000	23000	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
Di-n-octyl phthalate	117-84-0	ug/kg	520000		<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
Dibenz(a,h)anthracene	53-70-3	ug/kg	BaP	BaP	<400		280	J	1800	J	<350		<450		<380	<340	440	700	J 43	J 76	J	<360		<450	<460		<450
Dibenzofuran	132-64-9	ug/kg	104000		<400		350	J	2700		<350		<450		160	J <340	490	580	J <360	<360		<360		<450	<460		<450
Diethyl phthalate	84-66-2	ug/kg		18000	<790		<900		<4100		<700		<900		<750	<680	<900	<3600	<710	<720		<720		<900	<930		<890
Dimethyl phthalate	131-11-3	ug/kg		172000	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
Diphenylamine	122-39-4			1600			<450		<2000		<350		<450		<380									<450			
Fluoranthene	206-44-0	ug/kg	1080000	295000	<400		4200		35000		72	J	97	J	<380	<340	9800	E 8800	710	1300	J	<360		100	J <460		<450
Fluorene	86-73-7	ug/kg	850000	47000	<400		220	J	4900		<350		<450		<380	<340	660	740	J 44	J 66	J	<360		<450	<460		<450
Hexachlorobenzene	118-74-1	ug/kg	5000	320	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
Hexachloroethane	67-72-1	ug/kg		50	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg			<400		760		4500		<350		<450		<380	<340	1600	1700	J 140	J 230	J	<360		<450	<460		<450
Isophorone	78-59-1	ug/kg		160	<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450
N-Nitrosodi-n-propylamine	621-64-7	ug/kg	700		<400		<450		<2000		<350		<450		<380	<340	<450	<1800	<360	<360		<360		<450	<460		<450

Table 21
AOC7D-Southwest Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7D-S-GP4(2-4FT)		FGOW-AOC7D-SS-GP5(0-6INCHES)		FGOW-AOC7D-S-GP5(2-4FT)		FGOW-AOC7D-S-GP5(8-10FT)		FGOW-AOC7D-SS-GP6(0-6INCHES)		FGOW-AOC7D-S-GP6(2-4FT)		FGOW-AOC7D-SS-GP7(0-6INCHES)		FGOW-AOC7D-S-GP7(2-4FT)		FGOW-AOC7D-S-GP7(2-4FT)		FGOW-AOC7D-SS-GP8(0-6INCHES)		FGOW-AOC7D-SS-GP8(0-6INCHES) DUP		FGOW-AOC7D-S-GP8(2-4FT)		FGOW-AOC7D-SS-GP9(0-6INCHES)		FGOW-AOC7D-S-GP9(2-4FT)		FGOW-AOC7D-S-GP9(2-4FT) DUP	
Lab Sample ID:			**Screening Criteria**		D7H310262002		D7H310262011		D7H310262003		D7H310262004		D7H310262009		D7H310262001		D7H300206004		D7H300206005		D7H300206005-RE2		D7H300206006		D7H300206008		D7H300206007		D7H310262010		D7H310262005		D7H310262006	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/29/2007		8/30/2007		8/29/2007		8/29/2007		8/30/2007		8/29/2007		8/29/2007		8/29/2007		8/29/2007		8/29/2007		8/29/2007		8/29/2007		8/30/2007		8/29/2007		8/29/2007	
Analyte:	CAS Number	Unit																																
N-Nitrosodimethylamine	62-75-9	ug/kg		820	<820		<710		<3200		<550		<710		<590		<530		<710		<2800		<560		<570		<570		<710		<730		<700	
N-Nitrosodiphenylamine	86-30-6	ug/kg	1950000	880	<400		<450		<2000		<350		<450		<380		<340		<450		<1800		<360		<360		<360		<450		<460		<450	
N-Nitrosopyrrolidine	930-55-2	ug/kg			<400		<450		<2000		<350		<450		<380		<340		<450		<1800		<360		<360		<360		<450		<460		<450	
Naphthalene	91-20-3	ug/kg	10000	7500	<400		150	J	2200		<350		<450		230	J	<340		250	J	300	J	<360		<360		<360		<450		<460		<450	
Nitrobenzene	98-95-3	ug/kg			<400		<450		<2000		<350		<450		<380		<340		<450		<1800		<360		<360		<360		<450		<460		<450	
Pentachlorophenol	87-86-5	ug/kg	6000	34	<1900		<2200		<9900		<1700		<2200		<1800		<1600		<2200		<8800		<1700		<1700		<1800		<2200		<2300		<2200	
Phenanthrene	85-01-8	ug/kg			<400	J	3300		35000		62	J	88	J	260	J	<340		8100		7800		430	j	770	j	<360		67	J	<460		<450	
Phenol	108-95-2	ug/kg	1100000	7800	<400		<450		<2000		<350		<450		<380		<340		<450		<1800		<360		<360		<360		<450		<460		<450	
Pyrene	129-00-0	ug/kg	890000	272000	<480		3300		26000		66	J	91	J	50	J	<410		7500		8000		590	j	1000	j	<440		98	J	<560		<540	
VOCs																																		
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	31000	1400	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
1,1,1-Trichloroethane	71-55-6	ug/kg	140000	3500	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	3500	5	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
1,1,2-Trichloroethane	79-00-5	ug/kg	9000	10	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
1,1-Dichloroethane	75-34-3	ug/kg	34000	180	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
1,1-Dichloroethene	75-35-4	ug/kg	20000	25	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
1,1-Dichloropropene	563-58-6	ug/kg			<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
1,2,3-Trichlorobenzene	87-61-6	ug/kg			<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
1,2,3-Trichloropropane	96-18-4	ug/kg		350	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
1,2,4-Trimethylbenzene	95-63-6	ug/kg	8000		1	J J	1.4	J J Q	120	J Q	<5.6		<6.0		0.98	J J	<4.6		<6.2				<13		<4.9		<5.2		<6.3		0.97	J	<7.0	
DBCP	96-12-8	ug/kg		1	<12		<18		<13		<11		<12		<12		<9.2		<12				<25		<9.8		<10		<13		<14		<14	
EDB	106-93-4	ug/kg	300	0.01	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
1,2-Dichloroethane	107-06-2	ug/kg	4000	10	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
1,2-Dichloropropane	78-87-5	ug/kg	4000	11	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
1,3,5-Trimethylbenzene	108-67-8	ug/kg	3000		<6.2		<8.8		51	J Q	<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
1,3-Dichloropropane	142-28-9	ug/kg			<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
2,2-Dichloropropane	594-20-7	ug/kg			<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
MEK	78-93-3	ug/kg	5500000	6400	<25		<35		<27		<23		<24		2.4	J J	<18		<25				<50		<20		<21		<25		<28		<28	
2-Chlorotoluene	95-49-8	ug/kg	436000		<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
2-Hexanone	591-78-6	ug/kg			<25		<35		<27		<23		<24		<24		<18		<25				<50		<20		<21		<25		<28		<28	
4-Chlorotoluene	106-43-4	ug/kg			<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
4-Methyl-2-pentanone	108-10-1	ug/kg	1700000	420	<25		<35		<27		<23		<24		<24		<18		<25				<50		<20		<21		<25		<28		<28	
Acetone	67-64-1	ug/kg	340000	700	7.2	J J	9.6	J J Q	<27		10	J	<24		13	J J	<18		<25				<50		<20		8.7	J	<25		8.5	J	<28	
Benzene	71-43-2	ug/kg	6000	34	0.6	J J	<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Bromobenzene	108-86-1	ug/kg			<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Bromochloromethane	74-97-5	ug/kg		150	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Bromodichloromethane	75-27-4	ug/kg	10000	13	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Bromoform	75-25-2	ug/kg	370000	140	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Bromomethane	74-83-9	ug/kg	700	500	<12		<18		<13		<11		<12		<12		<9.2		<12				<25		<9.8		<10		<13		<14		<14	
Carbon disulfide	75-15-0	ug/kg	65000	2800	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Carbon tetrachloride	56-23-5	ug/kg	300	23	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Chlorobenzene	108-90-7	ug/kg	11000	1100	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Chloroethane	75-00-3	ug/kg	1000000		<12		<18		<13		<11		<12		<12		<9.2		<12				<25		<9.8		<10		<13		<14		<14	
Chloroform	67-66-3	ug/kg	2500	170	<12		<18		<13		<11		<12		<12		<9.2		<12				<25		<9.8		<10		<13		<14		<14	
Chloromethane	74-87-3	ug/kg	8000	6	<12		<18		<13		<11		<12		<12		<9.2		<12				<25		<9.8		<10		<13		<14		<14	
cis-1,2-Dichloroethene	156-59-2	ug/kg	8000	140	<3.1		<4.4		<3.3		<2.8		<3.0		<3.0		<2.3		<3.1				<6.3		<2.5		<2.6		<3.2		<3.5		<3.5	
cis-1,3-Dichloropropene	10061-01-5	ug/kg		5.00 T	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Dibromochloromethane	124-48-1	ug/kg	12000	30	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Dibromomethane	74-95-3	ug/kg	260000		<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Dichlorodifluoromethane	75-71-8	ug/kg	16000	38000	<12		<18		<13		<11		<12		<12		<9.2		<12				<25		<9.8		<10		<13		<14		<14	
Ethylbenzene	100-41-4	ug/kg	200000	4700	<6.2		<8.8		1.3	J J Q	<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Isopropylbenzene	98-82-8	ug/kg	30000	18000	<6.2		<8.8		5.3	J J Q	<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
m-Xylene & p-Xylene	136777-61-2	ug/kg	45000 T	45000 T	1.8	J J	<4.4		6.4	J Q	<2.8		<3.0		<3.0		<2.3		<3.1				<6.3		<2.5		<2.6		<3.2		<3.5		<3.5	
Methyl tert-butyl ether	1634-04-4	ug/kg		27	<25		<35		<27		<23		<24		<24		<18		<25				<50		<20		<21		<25		<28		<28	
Methylene chloride	75-09-2	ug/kg	97000	68	1	J B J	<8.8		<6.7		0.87	J B	<6.0		<6.0		<4.6		<6.2				2	J B u	0.84	J B u	0.84	J B u	<6.3		1.1	J B	1.1	J B
n-Butylbenzene	104-51-8	ug/kg	30000		<6.2		<8.8		2.9	J J Q	<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
n-Propylbenzene	103-65-1	ug/kg	30000		<6.2		<8.8		23	J Q	<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Naphthalene	91-20-3	ug/kg	10000	7500	1.2	J J	2.5	J J Q	35	J Q	0.83	J	0.95	J	2	J J	3.8	J	<6.2				4.7	J	1.4	J	1.3	J	1	J J Q	1.1	J	0.93	J
o-Xylene	95-47-6	ug/kg	45000 T	45000 T	<3.1		<4.4		12	J Q	<2.8		<3.0		<3.0		<2.3		<3.1				<6.3		<2.5		<2.6		<3.2		<3.5		<3.5	
p-Isopropyltoluene	99-87-6	ug/kg			<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
sec-Butylbenzene	135-98-8	ug/kg	25000		<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Styrene	100-42-5	ug/kg	210000	1900	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
tert-Butylbenzene	98-06-6	ug/kg	30000		<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Tetrachloroethene	127-18-4	ug/kg	72000	68	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Toluene	108-88-3	ug/kg	107000	6400	2.8	J J	<8.8		3.4	J J Q	1.3	J	<6.0		1.4	J J	<4.6		<6.2				<13		<4.9		<5.2		<6.3		2.4	J	2	J
trans-1,2-Dichloroethene	156-60-5	ug/kg	11000	270	<3.1		<4.4		<3.3		<2.8		<3.0		<3.0		<2.3		<3.1				<6.3		<2.5		<2.6		<3.2		<3.5		<3.5	
trans-1,3-Dichloropropene	10061-02-6	ug/kg		5.00 T	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Trichloroethene	79-01-6	ug/kg	29000	140	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Trichlorofluoromethane	75-69-4	ug/kg	67000	22000	<12		<18		<13		<11		<12		<12		<9.2		<12				<25		<9.8		<10		<13		<14		<14	
Vinyl chloride	75-01-4	ug/kg	800	1	<6.2		<8.8		<6.7		<5.6		<6.0		<6.0		<4.6		<6.2				<13		<4.9		<5.2		<6.3		<7.0		<7.0	
Other																																		
Nitrocellulose	9004-70-0				2.9	B	2.5	B	<5.3		1.3	B	2	B																				
Percent Moisture		%			17		27		19		6		27		12		2.8		27				7.6		8.2		8.8		27		29		26	

Table 21
AOC7D-Southwest Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7D-SS-SS1		FGOW-AOC7D-SS-SS2		FGOW-AOC7D-SS-SS3		FGOW-AOC7D-SS-SS3		FGOW-AOC7D-SS-SS4		FGOW-AOC7D-SS-SS4		FGOW-AOC7D-SS-SS4 DUP		FGOW-AOC7D-SS-SS4 DUP	
Lab Sample ID:			**Screening Criteria**		D7H310262013		D7H310262014		D7H310262015		D7H310262015-RE2		D7H310262016		D7H310262016-RE2		D7H310262017		D7H310262017-RE2	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/30/2007		8/30/2007		8/30/2007		8/30/2007		8/30/2007		8/30/2007		8/30/2007		8/30/2007	
Analyte:	CAS Number	Unit																		
TPH																				
Diesel Range Organics		mg/kg																		
PCBs																				
Aroclor 1016	12674-11-2	ug/kg	1200 T	2100 T					<40		<40		<82		<82		<42		<42	
Aroclor 1221	11104-28-2	ug/kg	1200 T	2100 T					<40		<40		<82		<82		<42		<42	
Aroclor 1232	11141-16-5	ug/kg	1200 T	2100 T					<40		<40		<82		<82		<42		<42	
Aroclor 1242	53469-21-9	ug/kg	1200 T	2100 T					<40		<40		<82		<82		<42		<42	
Aroclor 1248	12672-29-6	ug/kg	1200 T	2100 T					<40		<40		<82		<82		<42		<42	
Aroclor 1254	11097-69-1	ug/kg	1200 T	2100 T					64	J	25	J	320	JJ	410		150	J	410	
Aroclor 1260	11096-82-5	ug/kg	1200 T	2100 T					42	J	26	J	190	JJ	310		120	J	350	
Explosives																				
2,4-Dinitrotoluene	121-14-2	mg/kg	50	0.001	<0.25		<0.25													
2,6-Dinitrotoluene	606-20-2	mg/kg	25	0.001	<0.25		<0.25													
Metals																				
Arsenic	7440-38-2	mg/kg	5	15.1																
Barium	7440-39-3	mg/kg	1200	842																
Cadmium	7440-43-9	mg/kg	25	4.4																
Chromium	7440-47-3	mg/kg	44000/87	1000000/18																
Lead	7439-92-1	mg/kg	300	525																
Mercury	7439-97-6	mg/kg	500	1600																
Selenium	7782-49-2	mg/kg	160	1.5																
Silver	7440-22-4	mg/kg	160	3.9																
SVOCs																				
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310																
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100																
1,2-Diphenylhydrazine	122-66-7	ug/kg																		
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200																
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130																
2,4,5-Trichlorophenol	95-95-4	ug/kg	1920000																	
2,4,6-Trichlorophenol	88-06-2	ug/kg	595000	210																
2,4-Dichlorophenol	120-83-2	ug/kg	48000	76																
2,4-Dimethylphenol	105-67-9	ug/kg	390000	340																
2,4-Dinitrophenol	51-28-5	ug/kg		14																
2,4-Dinitrotoluene	121-14-2	ug/kg	50000	1																
2,6-Dichlorophenol	87-65-0	ug/kg																		
2,6-Dinitrotoluene	606-20-2	ug/kg	25000	1																
2-Chloronaphthalene	91-58-7	ug/kg																		
2-Chlorophenol	95-57-8	ug/kg		260																
2-Methylnaphthalene	91-57-6	ug/kg	100000																	
2-Methylphenol	95-48-7	ug/kg	75000	64																
2-Nitroaniline	88-74-4	ug/kg																		
2-Nitrophenol	88-75-5	ug/kg																		
3,3-Dichlorobenzidine	91-94-1	ug/kg	25000	360																
3-Methylphenol & 4-Methylphenol	65794-96-9	ug/kg																		
3-Nitroaniline	99-09-2	ug/kg																		
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg																		
4-Bromophyl phenyl ether	101-55-3	ug/kg																		
4-Chloro-3-methylphenol	59-50-7	ug/kg																		
4-Chloroaniline	106-47-8	ug/kg																		
4-Chlorophenyl phenyl ether	7005-72-3	ug/kg																		
4-Nitroaniline	100-01-6	ug/kg																		
4-Nitrophenol	100-02-7	ug/kg																		
Acenaphthene	83-32-9	ug/kg	1200000	50000																
Acenaphthylene	208-96-8	ug/kg																		
Anthracene	120-12-7	ug/kg	7880000	942000																
Benzidine	92-87-5	ug/kg																		
Benzo(a)anthracene	56-55-3	ug/kg	BaP	BaP																
Benzo(a)pyrene	50-32-8	ug/kg	2000	10200																
Benzo(b)fluoranthene	205-99-2	ug/kg	BaP	BaP																
Benzo(ghi)perylene	191-24-2	ug/kg																		
Benzo(k)fluoranthene	207-08-9	ug/kg	BaP	BaP																
Benzoic acid	65-85-0	ug/kg	50000000	30000																
Benzyl alcohol	100-51-6	ug/kg	8700000																	
bis(2-Chloroethoxy)methane	111-91-1	ug/kg																		
bis(2-Chloroethyl) ether	111-44-4	ug/kg	2500	1																
bis(2-Chloroisopropyl) ether	108-60-1	ug/kg		670																
bis(2-Ethylhexyl) phthalate	117-81-7	ug/kg	570000	40000																
Butyl benzyl phthalate	85-68-7	ug/kg	580000	28000																
Carbazole	86-74-8	ug/kg	700000																	
Chrysene	218-01-9	ug/kg	BaP	BaP																
Di-n-butyl phthalate	84-74-2	ug/kg	2440000	23000																
Di-n-octyl phthalate	117-84-0	ug/kg	520000																	
Dibenz(a,h)anthracene	53-70-3	ug/kg	BaP	BaP																
Dibenzofuran	132-64-9	ug/kg	104000																	
Diethyl phthalate	84-66-2	ug/kg		18000																
Dimethyl phthalate	131-11-3	ug/kg		172000																
Diphenylamine	122-39-4			1600	<450		<450													
Fluoranthene	206-44-0	ug/kg	1080000	295000																
Fluorene	86-73-7	ug/kg	850000	47000																
Hexachlorobenzene	118-74-1	ug/kg	5000	320																
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000																
Hexachloroethane	67-72-1	ug/kg		50																
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg																		
Isophorone	78-59-1	ug/kg		160																
N-Nitrosodi-n-propylamine	621-64-7	ug/kg	700																	

Table 21
AOC7D-Southwest Quadrant
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7D-SS-SS1		FGOW-AOC7D-SS-SS2		FGOW-AOC7D-SS-SS3	FGOW-AOC7D-SS-SS3	FGOW-AOC7D-SS-SS4	FGOW-AOC7D-SS-SS4	FGOW-AOC7D-SS-SS4 DUP	FGOW-AOC7D-SS-SS4 DUP
Lab Sample ID:			**Screening Criteria**		D7H310262013		D7H310262014		D7H310262015	D7H310262015-RE2	D7H310262016	D7H310262016-RE2	D7H310262017	D7H310262017-RE2
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID	SOLID	SOLID	SOLID	SOLID	SOLID
Sample Date:					8/30/2007		8/30/2007		8/30/2007	8/30/2007	8/30/2007	8/30/2007	8/30/2007	8/30/2007
Analyte:	CAS Number	Unit												
N-Nitrosodimethylamine	62-75-9	ug/kg		820										
N-Nitrosodiphenylamine	86-30-6	ug/kg	1950000	880										
N-Nitrosopyrrolidine	930-55-2	ug/kg												
Naphthalene	91-20-3	ug/kg	10000	7500										
Nitrobenzene	98-95-3	ug/kg												
Pentachlorophenol	87-86-5	ug/kg	6000	34										
Phenanthrene	85-01-8	ug/kg												
Phenol	108-95-2	ug/kg	1100000	7800										
Pyrene	129-00-0	ug/kg	890000	272000										
VOCs														
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	31000	1400										
1,1,1-Trichloroethane	71-55-6	ug/kg	140000	3500										
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	3500	5										
1,1,2-Trichloroethane	79-00-5	ug/kg	9000	10										
1,1-Dichloroethane	75-34-3	ug/kg	34000	180										
1,1-Dichloroethene	75-35-4	ug/kg	20000	25										
1,1-Dichloropropene	563-58-6	ug/kg												
1,2,3-Trichlorobenzene	87-61-6	ug/kg												
1,2,3-Trichloropropane	96-18-4	ug/kg		350										
1,2,4-Trichlorobenzene	120-82-1	ug/kg	200000	310										
1,2,4-Trimethylbenzene	95-63-6	ug/kg	8000											
DBCP	96-12-8	ug/kg		1										
EDB	106-93-4	ug/kg	300	0.01										
1,2-Dichlorobenzene	95-50-1	ug/kg	26000	8100										
1,2-Dichloroethane	107-06-2	ug/kg	4000	10										
1,2-Dichloropropane	78-87-5	ug/kg	4000	11										
1,3,5-Trimethylbenzene	108-67-8	ug/kg	3000											
1,3-Dichlorobenzene	541-73-1	ug/kg	26000	4200										
1,3-Dichloropropane	142-28-9	ug/kg												
1,4-Dichlorobenzene	106-46-7	ug/kg	30000	130										
2,2-Dichloropropane	594-20-7	ug/kg												
MEK	78-93-3	ug/kg	5500000	6400										
2-Chlorotoluene	95-49-8	ug/kg	436000											
2-Hexanone	591-78-6	ug/kg												
4-Chlorotoluene	106-43-4	ug/kg												
4-Methyl-2-pentanone	108-10-1	ug/kg	1700000	420										
Acetone	67-64-1	ug/kg	340000	700										
Benzene	71-43-2	ug/kg	6000	34										
Bromobenzene	108-86-1	ug/kg												
Bromochloromethane	74-97-5	ug/kg		150										
Bromodichloromethane	75-27-4	ug/kg	10000	13										
Bromoform	75-25-2	ug/kg	370000	140										
Bromomethane	74-83-9	ug/kg	700	500										
Carbon disulfide	75-15-0	ug/kg	65000	2800										
Carbon tetrachloride	56-23-5	ug/kg	300	23										
Chlorobenzene	108-90-7	ug/kg	11000	1100										
Chloroethane	75-00-3	ug/kg	1000000											
Chloroform	67-66-3	ug/kg	2500	170										
Chloromethane	74-87-3	ug/kg	8000	6										
cis-1,2-Dichloroethene	156-59-2	ug/kg	8000	140										
cis-1,3-Dichloropropene	10061-01-5	ug/kg		5.00 T										
Dibromochloromethane	124-48-1	ug/kg	12000	30										
Dibromomethane	74-95-3	ug/kg	260000											
Dichlorodifluoromethane	75-71-8	ug/kg	16000	38000										
Ethylbenzene	100-41-4	ug/kg	200000	4700										
Hexachlorobutadiene	87-68-3	ug/kg	6000	25000										
Isopropylbenzene	98-82-8	ug/kg	30000	18000										
m-Xylene & p-Xylene	136777-61-2	ug/kg	45000 T	45000 T										
Methyl tert-butyl ether	1634-04-4	ug/kg		27										
Methylene chloride	75-09-2	ug/kg	97000	68										
n-Butylbenzene	104-51-8	ug/kg	30000											
n-Propylbenzene	103-65-1	ug/kg	30000											
Naphthalene	91-20-3	ug/kg	10000	7500										
o-Xylene	95-47-6	ug/kg	45000 T	45000 T										
p-Isopropyltoluene	99-87-6	ug/kg												
sec-Butylbenzene	135-98-8	ug/kg	25000											
Styrene	100-42-5	ug/kg	210000	1900										
tert-Butylbenzene	98-06-6	ug/kg	30000											
Tetrachloroethene	127-18-4	ug/kg	72000	68										
Toluene	108-88-3	ug/kg	107000	6400										
trans-1,2-Dichloroethene	156-60-5	ug/kg	11000	270										
trans-1,3-Dichloropropene	10061-02-6	ug/kg		5.00 T										
Trichloroethene	79-01-6	ug/kg	29000	140										
Trichlorofluoromethane	75-69-4	ug/kg	67000	22000										
Vinyl chloride	75-01-4	ug/kg	800	1										
Other														
Nitrocellulose	9004-70-0				1.1	B	5	B						
Percent Moisture		%			27		27		17		19		22	

Table 22
AOC7D-Southwest Quadrant
Groundwater Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7D-W-GP1		FGOW-AOC7D-W-GP1		FGOW-AOC7D-W-GP2		FGOW-AOC7D-W-GP2		FGOW-AOC7D-W-GP5	FGOW-AOC7D-W-GP8
Lab Sample ID:			**Screening Criteria**		D7H290237004		D7H290237004-RE2		D7H290237009		D7H290237009-RE2		D7I010154001	D7H310262008
Sample Matrix:			Drinking Water Criterion	Drinking Water Basis	WATER		WATER		WATER		WATER		WATER	WATER
Sample Date:					8/27/2007		8/27/2007		8/28/2007		8/28/2007		8/31/2007	8/30/2007
Analyte:	CAS Number	Unit												
TPH														
Diesel Range Organics		mg/L	200 T	HBV	<0.10		0.035	J B	<0.10		0.068	J B	<0.10	<0.10
PCBs														
Aroclor 1016	12674-11-2	ug/L	0.04 T	HRL										<1.0
Aroclor 1221	11104-28-2	ug/L	0.04 T	HRL										<1.0
Aroclor 1232	11141-16-5	ug/L	0.04 T	HRL										<1.0
Aroclor 1242	53469-21-9	ug/L	0.04 T	HRL										<1.0
Aroclor 1248	12672-29-6	ug/L	0.04 T	HRL										<1.0
Aroclor 1254	11097-69-1	ug/L	0.04 T	HRL										<1.0
Aroclor 1260	11096-82-5	ug/L	0.04 T	HRL										<1.0
Explosives														
2,4-Dinitrotoluene	121-14-2	ug/L							<0.40					
2,6-Dinitrotoluene	606-20-2	ug/L							<0.40					
Metals														
Arsenic	7440-38-2	ug/L	10	MCL	<25				<25				<25	<25
Barium	7440-39-3	ug/L	2000	HRL	81				91				87	75
Cadmium	7440-43-9	ug/L	4	HRL	<5.0				<5.0				<5.0	<5.0
Chromium	7440-47-3	ug/L	100	MCL	<15				<15				<15	<15
Lead	7439-92-1	ug/L	NA	NA	<15				<15				<15	<15
Mercury	7439-97-6	ug/L	2	MCL	<0.20				<0.20				<0.20	<0.20
Selenium	7782-49-2	ug/L	30	HRL	<22				<22				<22	<22
Silver	7440-22-4	ug/L	30	HRL	<15				<15				<15	<15
SVOCs														
1,2,4-Trichlorobenzene	120-82-1	ug/L	70	MCL	<10				<10					<10
1,2-Dichlorobenzene	95-50-1	ug/L	600	HRL	<10				<10				<10	<10
1,2-Diphenylhydrazine	122-66-7	ug/L			<10				<10				<10	<10
1,3-Dichlorobenzene	541-73-1	ug/L	600	MCL	<10				<10				<10	<10
1,4-Dichlorobenzene	106-46-7	ug/L	10	HRL	<10				<10				<10	<10
2,4,5-Trichlorophenol	95-95-4	ug/L			<20				<20				<10	<20
2,4,6-Trichlorophenol	88-06-2	ug/L	30	HRL	<20				<20				**94**	<20
2,4-Dichlorophenol	120-83-2	ug/L	20	HRL	<10				<10				<20	<10
2,4-Dimethylphenol	105-67-9	ug/L	100	HRL	<10				<10				<10	<10
2,4-Dinitrophenol	51-28-5	ug/L	10	HRL	<80				<80				<10	<80
2,4-Dinitrotoluene	121-14-2	ug/L			<20				<20				<80	<20
2,6-Dichlorophenol	87-65-0	ug/L			<10				<10				<20	<10
2,6-Dinitrotoluene	606-20-2	ug/L			<20				<20				<10	<20
2-Chloronaphthalene	91-58-7	ug/L			<10				<10				<20	<10
2-Chlorophenol	95-57-8	ug/L	30	HRL	<10				<10				<10	<10
2-Methylnaphthalene	91-57-6	ug/L			<10				<10				75	<10
2-Methylphenol	95-48-7	ug/L	30	HRL	<10				<10				<10	<10
2-Nitroaniline	88-74-4	ug/L			<50				<50				<10	<50
2-Nitrophenol	88-75-5	ug/L			<20				<20				<50	<20
3,3-Dichlorobenzidine	91-94-1	ug/L	0.8	HRL	<50				<50				<20	<50
3-Methylphenol & 4-Methylphenol	65794-96-9	ug/L	30/3	HRL	<20				<20				<50	<20
3-Nitroaniline	99-09-2	ug/L			<50				<50				<20	<50
4,6-Dinitro-2-methylphenol	534-52-1	ug/L			<80				<80				<50	<80
4-Bromophenyl phenyl ether	101-55-3	ug/L			<10				<10				<80	<10
4-Chloro-3-methylphenol	59-50-7	ug/L			<20				<20				<10	<20
4-Chloroaniline	106-47-8	ug/L			<25				<25				<20	<25
4-Chlorophenyl phenyl ether	7005-72-3	ug/L			<10				<10				<25	<10
4-Nitroaniline	100-01-6	ug/L			<50				<50				<10	<50
4-Nitrophenol	100-02-7	ug/L	60	LHA	<50				<50				<50	<50
Acenaphthene	83-32-9	ug/L	400	HRL	<10				<10				<50	<10
Acenaphthylene	208-96-8	ug/L			<10				<10				<10	<10
Anthracene	120-12-7	ug/L	2000	HRL	<10				<10				<10	<10
Benzidine	92-87-5	ug/L			<200				<200				<10	<200
Benzo(a)anthracene	56-55-3	ug/L	BaP		<10				<10				<200	<10
Benzo(a)pyrene	50-32-8	ug/L	0.05	HBV	<10				<10				<10	<10
Benzo(b)fluoranthene	205-99-2	ug/L	BaP		<10				<10				<10	<10
Benzo(ghi)perylene	191-24-2	ug/L			<10				<10				<10	<10
Benzo(k)fluoranthene	207-08-9	ug/L	BaP		<10				<10				<10	<10
Benzoic acid	65-85-0	ug/L	30000	HRL	<80				<80				<10	<80
Benzyl alcohol	100-51-6	ug/L			<25				<25				<80	<25
bis(2-Chloroethoxy)methane	111-91-1	ug/L			<10				<10				<25	<10
bis(2-Chloroethyl) ether	111-44-4	ug/L	0.3	HRL	<20				<20				<10	<20
bis(2-Chloroisopropyl) ether	108-60-1	ug/L	300	LHA	<10				<10				<20	<10
bis(2-Ethylhexyl) phthalate	117-81-7	ug/L	20	HRL	2	J			<10				<10	<10
Butyl benzyl phthalate	85-68-7	ug/L	100	HRL	<20				<20				<10	<20
Carbazole	86-74-8	ug/L			<10				<10				<20	<10
Chrysene	218-01-9	ug/L	BaP		<10				<10				<10	<10
Di-n-butyl phthalate	84-74-2	ug/L	700	HRL	<20				<20				<10	<20
Di-n-octyl phthalate	117-84-0	ug/L			<20				<20				<20	<20
Dibenz(a,h)anthracene	53-70-3	ug/L	BaP		<10				<10				<20	<10
Dibenzofuran	132-64-9	ug/L			<10				<10				<10	<10
Diethyl phthalate	84-66-2	ug/L	6000	HRL	<20				<20				<10	<20
Dimethyl phthalate	131-11-3	ug/L	70000	HRL	<20				<20				<20	<20
Diphenylamine	122-39-4		200	LHA					<10				<20	
Fluoranthene	206-44-0	ug/L	300	HRL	<20				<20				<20	<20
Fluorene	86-73-7	ug/L	300	HRL	<10				<10				<10	<10
Hexachlorobenzene	118-74-1	ug/L	0.2	HRL	<10				<10				<10	<10
Hexachlorobutadiene	87-68-3	ug/L	1	HRL	<30				<30				<30	<30
Hexachloroethane	67-72-1	ug/L	1	LHA	<10				<10				<10	<10

Table 22
AOC7D-Southwest Quadrant
Groundwater Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-AOC7D-W-GP1		FGOW-AOC7D-W-GP1		FGOW-AOC7D-W-GP2		FGOW-AOC7D-W-GP2		FGOW-AOC7D-W-GP5		FGOW-AOC7D-W-GP8	
Lab Sample ID:			**Screening Criteria**		D7H290237004		D7H290237004-RE2		D7H290237009		D7H290237009-RE2		D7I010154001		D7H310262008	
Sample Matrix:			Drinking Water Criterion	Drinking Water Basis	WATER		WATER		WATER		WATER		WATER		WATER	
Sample Date:					8/27/2007		8/27/2007		8/28/2007		8/28/2007		8/31/2007		8/30/2007	
Analyte:	CAS Number	Unit														
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	BaP		<10				<10				<10		<10	
Isophorone	78-59-1	ug/L	100	HRL	<10				<10				<10		<10	
N-Nitrosodi-n-propylamine	621-64-7	ug/L			<20				<20				<20		<20	
N-Nitrosodimethylamine	62-75-9	ug/L			<10				<10				<10		<10	
N-Nitrosodiphenylamine	86-30-6	ug/L	70	HRL	<10				<10				<10		<10	
N-Nitrosopyrrolidine	930-55-2	ug/L			<10				<10				<10		<10	
Naphthalene	91-20-3	ug/L	300	HRL	<10				<10				<10		<10	
Nitrobenzene	98-95-3	ug/L			<20				<20				<20		<20	
Pentachlorophenol	87-86-5	ug/L	3	HRL	<80				<80				<80		<80	
Phenanthrene	85-01-8	ug/L			<10				<10				<10		<10	
Phenol	108-95-2	ug/L	4000	HRL	<10				<10				<10		<10	
Pyrene	129-00-0	ug/L	200	HRL	<10				<10				<10		<10	
VOCs																
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	70	HRL	<1.0				<1.0				<1.0		<1.0	
1,1,1-Trichloroethane	71-55-6	ug/L	600	HRL	<1.0				<1.0				<1.0		<1.0	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2	HRL	<1.0				<1.0				<1.0		<1.0	
1,1,2-Trichloroethane	79-00-5	ug/L	3	HRL	<1.0				<1.0				<1.0		<1.0	
1,1-Dichloroethane	75-34-3	ug/L	70	HRL	<1.0				<1.0				<1.0		<1.0	
1,1-Dichloroethene	75-35-4	ug/L	6	HRL	<1.0				<1.0				<1.0		<1.0	
1,1-Dichloropropene	563-58-6	ug/L			<1.0				<1.0				<1.0		<1.0	
1,2,3-Trichlorobenzene	87-61-6	ug/L			<1.0				<1.0				<1.0		<1.0	
1,2,3-Trichloropropane	96-18-4	ug/L	40	HRL	<2.0				<2.0				<2.0		<2.0	
1,2,4-Trichlorobenzene	120-82-1	ug/L	70	MCL	<1.0				<1.0				<1.0		<1.0	
1,2,4-Trimethylbenzene	95-63-6	ug/L			<1.0				<1.0				<1.0		<1.0	
DBCP	96-12-8	ug/L	0.2	MCL	<5.0				<5.0				<5.0		<5.0	
EDB	106-93-4	ug/L	0.004	HRL	<1.0				<1.0				<1.0		<1.0	
1,2-Dichlorobenzene	95-50-1	ug/L	600	HRL	<1.0				<1.0				<1.0		<1.0	
1,2-Dichloroethane	107-06-2	ug/L	4	HRL	<1.0				<1.0				<1.0		<1.0	
1,2-Dichloropropane	78-87-5	ug/L	5	HRL	<1.0				<1.0				<1.0		<1.0	
1,3,5-Trimethylbenzene	108-67-8	ug/L			<1.0				<1.0				<1.0		<1.0	
1,3-Dichlorobenzene	541-73-1	ug/L	600	MCL	<1.0				<1.0				<1.0		<1.0	
1,3-Dichloropropane	142-28-9	ug/L			<1.0				<1.0				<1.0		<1.0	
1,4-Dichlorobenzene	106-46-7	ug/L	10	HRL	<1.0				<1.0				<1.0		<1.0	
2,2-Dichloropropane	594-20-7	ug/L			<1.0				<1.0				<1.0		<1.0	
MEK	78-93-3	ug/L	4000	HRL	<6.0				<6.0				<6.0		<6.0	
2-Chlorotoluene	95-49-8	ug/L	100	LHA	<1.0				<1.0				<1.0		<1.0	
2-Hexanone	591-78-6	ug/L			<5.0				<5.0				<5.0		<5.0	
4-Chlorotoluene	106-43-4	ug/L	100	LHA	<1.0				<1.0				<1.0		<1.0	
4-Methyl-2-pentanone	108-10-1	ug/L	300	HRL	<5.0				<5.0				<5.0		<5.0	
Acetone	67-64-1	ug/L	700	HRL	2.6	J			4.8	J			<10		<10	
Benzene	71-43-2	ug/L	10	HRL	<1.0				<1.0				0.26	J	<1.0	
Bromobenzene	108-86-1	ug/L			<1.0				<1.0				<1.0		<1.0	
Bromochloromethane	74-97-5	ug/L	90	LHA	<1.0				<1.0				<1.0		<1.0	
Bromodichloromethane	75-27-4	ug/L	6	HRL	<1.0				<1.0				<1.0		<1.0	
Bromoform	75-25-2	ug/L	40	HRL	<1.0				<1.0				<1.0		<1.0	
Bromomethane	74-83-9	ug/L	10	HRL	<2.0				<2.0				<2.0		<2.0	
Carbon disulfide	75-15-0	ug/L	700	HRL	<2.0				<2.0				<2.0		<2.0	
Carbon tetrachloride	56-23-5	ug/L	3	HRL	<2.0				<2.0				<2.0		<2.0	
Chlorobenzene	108-90-7	ug/L	100	HRL	<1.0				<1.0				<1.0		<1.0	
Chloroethane	75-00-3	ug/L	280	HBV	<2.0				<2.0				<2.0		<2.0	
Chloroform	67-66-3	ug/L	60	HRL	0.99	J			0.45	J			1		1.1	
Chloromethane	74-87-3	ug/L	3	LHA	<2.0				<2.0				<2.0		<2.0	
cis-1,2-Dichloroethene	156-59-2	ug/L			<1.0				<1.0				<1.0		<1.0	
cis-1,3-Dichloropropene	10061-01-5	ug/L			<1.0				<1.0				<1.0		<1.0	
Dibromochloromethane	124-48-1	ug/L	80	MCL	<1.0				<1.0				<1.0		<1.0	
Dibromomethane	74-95-3	ug/L			<1.0				<1.0				<1.0		<1.0	
Dichlorodifluoromethane	75-71-8	ug/L	1000	HRL	<2.0				<2.0				<2.0		<2.0	
Ethylbenzene	100-41-4	ug/L	700	HRL	<1.0				<1.0				0.45	J	<1.0	
Hexachlorobutadiene	87-68-3	ug/L	1	HRL	<1.0				<1.0				<1.0		<1.0	
Isopropylbenzene	98-82-8	ug/L	300	HRL	<1.0				<1.0				<1.0		<1.0	
m-Xylene & p-Xylene	136777-61-2	ug/L	10000 T	HRL	<2.0				<2.0				<2.0		<2.0	
Methyl tert-butyl ether	1634-04-4	ug/L	70	HBV	<5.0				<5.0				<5.0		<5.0	
Methylene chloride	75-09-2	ug/L	50	HRL	<5.0				<5.0				0.77	J	0.45	J
n-Butylbenzene	104-51-8	ug/L			<1.0				<1.0				<1.0		<1.0	
n-Propylbenzene	103-65-1	ug/L			<1.0				<1.0				<1.0		<1.0	
Naphthalene	91-20-3	ug/L	300	HRL	<1.0				<1.0				<1.0		<1.0	
o-Xylene	95-47-6	ug/L	10000 T	HRL	<1.0				<1.0				<1.0		<1.0	
p-Isopropyltoluene	99-87-6	ug/L			<1.0				<1.0				<1.0		<1.0	
sec-Butylbenzene	135-98-8	ug/L			<1.0				<1.0				<1.0		<1.0	
Styrene	100-42-5	ug/L	100	MCL	<1.0				<1.0				<1.0		<1.0	
tert-Butylbenzene	98-06-6	ug/L			<1.0				<1.0				<1.0		<1.0	
Tetrachloroethene	127-18-4	ug/L	7	HRL	<1.0				<1.0				<1.0		<1.0	
Toluene	108-88-3	ug/L	1000	HRL	0.29	J			0.18	J			1		0.19	J
trans-1,2-Dichloroethene	156-60-5	ug/L	100	HRL	<1.0				<1.0				<1.0		<1.0	
trans-1,3-Dichloropropene	10061-02-6	ug/L			<1.0				<1.0				<1.0		<1.0	
Trichloroethene	79-01-6	ug/L	30	HRL	0.27	J			0.17	J			0.18	J	0.25	J
Trichlorofluoromethane	75-69-4	ug/L	2000	HRL	<2.0				<2.0				<2.0		<2.0	
Vinyl chloride	75-01-4	ug/L	0.2	HRL	<1.0				<1.0				<1.0		<1.0	
Other																
Nitrocellulose	9004-70-0	mg/L							<0.50							

Table 23
Background
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-BG-GP1(0-6INCHES)		FGOW-BG-GP1(2-4FT)		FGOW-BG-GP2(0-6INCHES)		FGOW-BG-GP2(2-4FT)		FGOW-BG-GP3(0-6INCHES)		FGOW-BG-GP3(2-4FT)		FGOW-BG-GP4(0-6INCHES)		FGOW-BG-GP4(2-4FT)		FGOW-BG-GP5(0-6INCHES)		FGOW-BG-GP5(2-4FEET)		FGOW-BG-GP6(0-6INCHES)		FGOW-BG-GP6(2-4FEET)		FGOW-BG-SS-GP7(0-6INCHES)		FGOW-BG-S-GP7(2-4FEET)		FGOW-BG-SS-GP8(0-6INCHES)	
Lab Sample ID:			Screening Criteria		D7I010154003		D7I010154004		D7I080197002		D7I080197003		D7I080197004		D7I080197005		D7I080197006		D7I080197007		D7I130251005		D7I130251006		D7I130251007		D7I130251008		D7I150223005		D7I150223006		D7I150223017	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					8/31/2007		8/31/2007		9/7/2007		9/7/2007		9/7/2007		9/7/2007		9/7/2007		9/7/2007		9/12/2007		9/12/2007		9/12/2007		9/12/2007		9/13/2007		9/13/2007		9/14/2007	
Analyte:	CAS Number	Unit																																
Metals																																		
Arsenic	7440-38-2	mg/kg	5	15.1	4.9		1.5	J	**6.9**		1.2	J	**6.6**		**7**		**7.5**		**6.3**		1.8	J	1.9	J	**6.3**		**7.8**		**6.5**		2	J	1.7	J
Barium	7440-39-3	mg/kg	1200	842	82		26		110		14		140		92		170		100		26		29		170		140		160		45		18	
Cadmium	7440-43-9	mg/kg	25	4.4	<0.62		<0.59		0.15	J	<0.59		0.1	J	<0.54		1.4		<0.58		0.071	J	0.13	J	0.1	J	<0.61		0.14	J	0.061	J	0.11	J
Chromium	7440-47-3	mg/kg	44000/87	1000000/18	14		7.3		20	J	4.4		18		19		28		17		10		12		17		21		18		13		12	
Lead	7439-92-1	mg/kg	300	525	8	J	1.5	J	12		1.4	J	18		7.7	J	17		7	J	6.5	J	1.6	J	13		9.7	J	13		1.9	J	1.9	J
Mercury	7439-97-6	mg/kg	500	1600	0.012	J	<0.039		0.045		<0.039		0.033	J	0.028	J	0.074		0.026	J	0.0095	J	<0.034		0.03	J	0.036	J	0.028	J	<0.034		<0.034	
Selenium	7782-49-2	mg/kg	160	1.5	<3.7		<3.5		<3.6		<3.5		<3.7		<3.2		<3.8		<3.5		<3.0		<3.1		<3.7		<3.7		<3.6		<3.1		<3.1	
Silver	7440-22-4	mg/kg	160	3.9	<1.9		<1.8		<1.8		<1.8		<1.9		<1.6		0.49	J	<1.8		<1.5		<1.5		<1.8		<1.8		<1.8		<1.5		<1.5	
Percent Moisture		%			20		15		17		15		19		7		20		14		1.5		2.6		19		18		16		2.5		2.8	

Table 23
Background
Soil Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-BG-S-GP8(2-4FEET)		FGOW-SS-BG-GP9(0-6INCHES)		FGOW-S-BG-GP9(2-4FT)		FGOW-SS-BG-GP10(0-6INCHES)		FGOW-S-BG-GP10(2-4FT)		FGOW-BG-SS-GP11(0-6INCHES)		FGOW-BG-S-GP11(2-4FT)		FGOW-BG-SS-GP12(0-6INCHES)		FGOW-S-BG-GP12(2-4FT)		FGOW-BG-SS-GP13(0-6INCHES)		FGOW-BG-SS-GP13(0-6INCHES) DUP		FGOW-BG-S-GP13(2-4FT)		FGOW-BG-SS-GP14(0-6INCHES)		FGOW-BG-SS-GP14(0-6INCHES) DUP		FGOW-BG-S-GP14(2-4FT)	
Lab Sample ID:			**Screening Criteria**		D7I150223018		D7I200237007		D7I200237008		D7I200237009		D7I200237010		D7I290189016		D7I260277009		D7I290189017		D7I220193004		D7I290189012		D7I290189014		D7I220193009		D7I290189013		D7I290189015		D7I220193013	
Sample Matrix:			Tier 1 SRVs	Tier I SLVs	SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID		SOLID	
Sample Date:					9/14/2007		9/19/2007		9/19/2007		9/19/2007		9/19/2007		9/28/2007		9/24/2007		9/28/2007		9/19/2007		9/28/2007		9/28/2007		9/20/2008		9/28/2007		9/28/2007		9/21/2008	
Analyte:	CAS Number	Unit																																
Metals																																		
Arsenic	7440-38-2	mg/kg	5	15.1	3.1		**6**		**8.7**		**5**		2	J	3	J	**6.1**		4.5		**7.3**		**5.5**		**5.9**		3		2.8	J	3.2		**6.9**	
Barium	7440-39-3	mg/kg	1200	842	43		170		150		170		34		60		120		140		140		93		99		34		79		80		120	
Cadmium	7440-43-9	mg/kg	25	4.4	<0.52		0.052	J	<0.59		<0.61		<0.51		0.12	J	0.57	J	<0.62		<0.64		<0.58		<0.63		<0.56		<0.60		<0.59		<0.62	
Chromium	7440-47-3	mg/kg	44000/87	1000000/18	11		19		21		18		12		14		19		15		20		17		17		14		15		12		20	
Lead	7439-92-1	mg/kg	300	525	3.4	J	11		11		11		2.3	J	12		8.7	J	15		10	J	12		11		4.4	J	6.6	J	6.7	J	8.6	J
Mercury	7439-97-6	mg/kg	500	1600	<0.034		0.028	J	0.031	J	0.018	J	<0.034		0.016	J	0.04		0.46		0.043		0.017	J	0.023	J	<0.037		<0.040		<0.039		0.045	
Selenium	7782-49-2	mg/kg	160	1.5	<3.1		<3.7		<3.6		<3.7		<3.1		<4.1		<3.5		<3.7		<3.9		<3.5		<3.8		<3.4		<3.6		<3.5		<3.7	
Silver	7440-22-4	mg/kg	160	3.9	<1.5		<1.8		<1.8		<1.8		<1.5		<2.0		<1.8		<1.9		<1.9		<1.8		<1.9		<1.7		<1.8		<1.8		<1.9	
Percent Moisture		%			3.1		18		16		18		2.9		26		15		19		22		14		20		11		17		15		19	

Table 24
Background
Groundwater Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:					FGOW-BG-W-GP8	FGOW-BG-W-GP14
Lab Sample ID:			**Screening Criteria**		D7I150223016	D7I220193014
Sample Matrix:			Drinking Water Criterion	Drinking Water Basis	WATER	WATER
Sample Date:					9/14/2007	9/21/2007
Analyte:	CAS Number	Unit				
Metals						
Arsenic	7440-38-2	ug/L	10	MCL	<25	<25
Barium	7440-39-3	ug/L	2000	HRL	310	77
Cadmium	7440-43-9	ug/L	4	HRL	<5.0	<5.0
Chromium	7440-47-3	ug/L	100	MCL	<15	<15
Lead	7439-92-1	ug/L	NA	NA	<15	<15
Mercury	7439-97-6	ug/L	2	MCL	<0.20	<0.20
Selenium	7782-49-2	ug/L	30	HRL	<22	<22
Silver	7440-22-4	ug/L	30	HRL	<15	<15

Table 25
Field Blanks
Water Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Field Sample ID:			FGOW-W-TB(9/24/07)		FGOW-W-TB-(8/24/07)		FGOW-W-TB(9/18/07)		TRIP BLANK		TRIP BLANK		FGOW-W-TB(9/19/07)		FGOW-W-TB(08/22/07)		FGOW-W-TB(8/23/07)		FGOW-W-TB(8/27/07)		FGOW-W-TB(8/30/07)		FGOW-TB(8/31/07)	
Lab Sample ID:			D7I260277008		D7H250161005		D7I200237006		D7H110169005		D7H220190009		D7I220193005		D7H230183011		D7H240251006		D7H290237005		D7H310262007		D7I010154002	
Sample Matrix:			WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Analyte																								
VOCs	CAS Number	Units																						
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
1,1,1-Trichloroethane	71-55-6	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
1,1,2-Trichloroethane	79-00-5	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
1,1-Dichloroethane	75-34-3	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
1,1-Dichloroethene	75-35-4	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
1,1-Dichloropropene	563-58-6	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
1,2,3-Trichlorobenzene	87-61-6	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
1,2,3-Trichloropropane	96-18-4	ug/L	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
1,2,4-Trichlorobenzene	120-82-1	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
1,2,4-Trimethylbenzene	95-63-6	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
DBCP	96-12-8	ug/L	<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0	
EDB	106-93-4	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
1,2-Dichlorobenzene	95-50-1	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
1,2-Dichloroethane	107-06-2	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
1,2-Dichloropropane	78-87-5	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
1,3,5-Trimethylbenzene	108-67-8	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
1,3-Dichlorobenzene	541-73-1	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
1,3-Dichloropropane	142-28-9	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
1,4-Dichlorobenzene	106-46-7	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
2,2-Dichloropropane	594-20-7	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
MEK	78-93-3	ug/L	<6.0		<6.0		<6.0		<6.0		<6.0		<6.0		<6.0		<6.0		<6.0		<6.0		<6.0	
2-Chlorotoluene	95-49-8	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
2-Hexanone	591-78-6	ug/L	<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0	
4-Chlorotoluene	106-43-4	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
4-Methyl-2-pentanone	108-10-1	ug/L	<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0	
Acetone	67-64-1	ug/L	<10		<10		<10		<10		<10		<10		3.1	J	<10		<10		<10		<10	
Benzene	71-43-2	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
Bromobenzene	108-86-1	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
Bromochloromethane	74-97-5	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
Bromodichloromethane	75-27-4	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
Bromoform	75-25-2	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
Bromomethane	74-83-9	ug/L	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
Carbon disulfide	75-15-0	ug/L	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
Carbon tetrachloride	56-23-5	ug/L	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
Chlorobenzene	108-90-7	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
Chloroethane	75-00-3	ug/L	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
Chloroform	67-66-3	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		0.43	J	<1.0		<1.0		<1.0		<1.0	
Chloromethane	74-87-3	ug/L	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
cis-1,2-Dichloroethene	156-59-2	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
cis-1,3-Dichloropropene	10061-01-5	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
Dibromochloromethane	124-48-1	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
Dibromomethane	74-95-3	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
Dichlorodifluoromethane	75-71-8	ug/L	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
Ethylbenzene	100-41-4	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
Hexachlorobutadiene	87-68-3	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
Isopropylbenzene	98-82-8	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
m-Xylene & p-Xylene	136777-61-2	ug/L	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
Methyl tert-butyl ether	1634-04-4	ug/L	<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0	
Methylene chloride	75-09-2	ug/L	<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		<5.0		0.58	J	0.4	J
n-Butylbenzene	104-51-8	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
n-Propylbenzene	103-65-1	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
Naphthalene	91-20-3	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
o-Xylene	95-47-6	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
p-Isopropyltoluene	99-87-6	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
sec-Butylbenzene	135-98-8	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
Styrene	100-42-5	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
tert-Butylbenzene	98-06-6	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
Tetrachloroethene	127-18-4	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
Toluene	108-88-3	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
trans-1,2-Dichloroethene	156-60-5	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
trans-1,3-Dichloropropene	10061-02-6	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
Trichloroethene	79-01-6	ug/L	<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0		<1.0	
Trichlorofluoromethane	75-69-4	ug/L	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	

Table 25
Field Blanks
Water Analytical Results
Former Gopher Ordnance Works, Rosemount, MN

Vinyl chloride	75-01-4	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0

Table 26
Description of Environment at Each Sample Location
Former Gopher Ordnance Works, Rosemount, MN

PointID	Surface Condition	Land use	Description
AOC6-TP1	Grass	Dump/disposal area	Fill in former borrow area
AOC6-TP2	Grass	Dump/disposal area	Fill in former borrow area
AOC6-TP3	Grass	Dump/disposal area	Fill in former borrow area
AOC6-TP4	Grass	Dump/disposal area	Fill in former borrow area
AOC6-TP5	Grass	Dump/disposal area	Fill in former borrow area
AOC6-TP6	Grass	Dump/disposal area	Fill in former borrow area
AOC7A-GP1	Grass	Industrial	Next to building
AOC7A-GP2	Grass	Industrial	Next to building
AOC7A-GP3	Grass	Industrial	Next to building
AOC7A-GP4	Grass	Industrial	Next to building
AOC7A-GP5	Grass	Industrial	Next to building
AOC7A-GP6	Grass	Industrial	Next to building
AOC7A-GP7	Grass	Industrial	Next to building
AOC7A-SS1	Grass	Industrial	Next to transformer pad
AOC7A-SS2	Grass	Industrial	Next to transformer pad
AOC7A-SS3	Grass	Industrial	Next to transformer pad
AOC7A-SS4	Grass	Industrial	Next to transformer pad
AOC7B-GP1	Grass	Industrial	Reworked level land
AOC7B-GP2	Grass	Industrial	Reworked level land
AOC7B-GP3	Grass	Industrial	Reworked level land
AOC7C-GP1	Grass	Industrial	Former coal storage area
AOC7C-GP2	Grass	Industrial	Former coal storage area
AOC7C-GP3	Grass	Industrial	Former coal storage area
AOC7C-GP4	Grass	Industrial	Former coal storage area
AOC7C-GP5	Grass	Industrial	Former coal storage area
AOC7C-GP6	Grass	Industrial	Former coal storage area
AOC7C-GP7	Grass	Industrial	Former coal storage area
AOC7C-SS1	Organics/soil	Industrial	Wooded drainage ditch
AOC7C-SS2	Organics/soil	Industrial	Wooded drainage ditch
AOC7C-SS3	Organics/soil	Industrial	Wooded drainage ditch
AOC7C-SS4	Organics/soil	Industrial	Wooded drainage ditch
AOC7C-SS5	Grass	Industrial	Drainage ditch near to standing water
AOC7C-SS6	Grass	Industrial	Drainage ditch near to standing water
AOC7C-SS7	Grass	Industrial	Drainage ditch near to standing water
AOC7C-SS8	Grass	Industrial	Drainage ditch near to standing water
AOC7D-GP1	Grass	Industrial	Next to former power plant
AOC7D-GP2	Grass	Industrial	Next to former power plant
AOC7D-GP3	Grass	Industrial	Next to former power plant
AOC7D-GP4	Grass	Industrial	Next to former power plant
AOC7D-GP5	Grass	Industrial	Next to former power plant
AOC7D-GP6	Grass	Industrial	Next to former power plant
AOC7D-GP7	Grass	Industrial	Next to former power plant
AOC7D-GP8	Organics/soil	Industrial	Wooded drainage ditch
AOC7D-GP9	Organics/soil	Industrial	Wooded drainage ditch
AOC7D-SS1	Grass	Industrial	Next to former power plant
AOC7D-SS2	Grass	Industrial	Next to former power plant
AOC7D-SS3	Grass	Industrial	Next to former power plant
AOC7D-SS4	Grass	Industrial	Next to former power plant
AOC5-GP1	Gravel	Industrial	Drainage ditch
AOC5-GP2	Gravel	Industrial	Drainage ditch
AOC5-GP3	Gravel	Industrial	Drainage ditch
AOC5-GP4	Grass	Industrial	Mowed lawn next to bunker
AOC5-GP5	Grass	Industrial	Drainage ditch
AOC5-GP6	Grass	Industrial	Drainage ditch
AOC5-GP7	Grass	Industrial	Drainage ditch
AOC5-GP8	Grass	Industrial	Mowed lawn next to bunker
AOC5-GP9	Grass	Industrial	Mowed lawn next to bunker
AOC5-GP10	Grass	Industrial	Mowed lawn next to bunker
AOC5-GP11	Grass	Industrial	Mowed lawn next to bunker
AOC5-GP12	Grass	Industrial	Drainage ditch
AOC3-DA1-GP1	Grass	Agriculture	Drainage ditch
AOC3-DA1-SS1	Soybeans	Agriculture	Cultivated soybean field
AOC4-GP1	Grass	Residential	Mowed lawn
AOC4-GP2	Organics/soil	Residential	Wooded area
AOC3-DA2-GP1	Organics/soil	Residential	Wooded area
AOC3-DA2-SS1	Grass	Agriculture	Drainage ditch
AOC3-DA2-SS2	Corn	Agriculture	Cultivated corn field
AOC2-GP1	Grass	Agriculture	Drainage area
AOC2-GP2	Grass	Agriculture	Drainage ditch
AOC1N-GP1	Grass	Agriculture	Drainage ditch
AOC1N-SS1	Grass	Agriculture	Drainage ditch
AOC1M-SS1	Grass	Agriculture	Drainage ditch
AOC1M-SS2	Organics/soil	Agriculture	Drainage ditch
AOC1M-GP1	Corn	Agriculture	Cultivated corn field
AOC1M-GP2	Corn	Agriculture	Cultivated corn field
AOC1M-GP3	Corn	Agriculture	Cultivated corn field
AOC1S-GP1	Cattails	Land Management	Center of former drainage basin
AOC1S-GP2	Grass	Land Management	Edge of former drainage basin
BG-GP1	Corn	Agriculture	Edge of field next to AOC7B
BG-GP2	Soybeans	Agriculture	Edge of field next to road
BG-GP3	Grass	Woods	Edge of wooded area
BG-GP4	Corn	Agriculture	Edge of field next woods
BG-GP5	Grass	Woods	Edge of wooded area
BG-GP6	Corn	Agriculture	Edge of field next to road
BG-GP7	Corn	Agriculture	Edge of field next to road
BG-GP8	Corn	Agriculture	Edge of field next to road
BG-GP9	Corn	Agriculture	Edge of field next to road
BG-GP10	Grass	Borrow pit	Edge of borrow area
BG-GP11	Grass	Edge of road	Edge of road next to ditch and then woods
BG-GP12	Corn	Agriculture	Edge of field
BG-GP13	Soybeans	Agriculture	Edge of field
BG-GP14	Grass	Land Management	Edge of former drainage basin

Table 27
QA/QC Samples
Former Gopher Ordnance Works, Rosemount, MN

Blind Duplicates	
Blind Duplicate Identification Number	Actual Sample Location
FGOW-AOC6-S-TP-7(6')	AOC6-SS-TP-1(0-.5)
FGOW-AOC7A-SS-GP8(0-6")	FGOW-AOC7A-SS-GP3(0-6")
FGOW-AOC7C-W-GP8	FGOW-AOC7C-W-GP6
FGOW-AOC7C-SS-SS10(0-6")	FGOW-AOC7C-SS-SS5(0-6")
FGOW-AOC7C-SS-SS9(0-6")	FGOW-AOC7C-SS-SS8(0-6")
FGOW-AOC7D-S-GP11(2-4')	FGOW-AOC7D-S-GP9(2-4')
FGOW-AOC7D-SS-GP11(0-6")	FGOW-AOC7D-SS-GP8(0-6")
FGOW-AOC7D-SS-SS5	FGOW-AOC7D-SS-SS4
FGOW-AOC5-SS-GP13(0-6")	FGOW-AOC5-SS-GP6(0-6")
FGOW-AOC5-SS-GP14(0-6")	FGOW-AOC5-SS-GP12(0-6")
FGOW-AOC4-SS-GP3(0-6")	FGOW-AOC4-SS-GP2(0-6")
FGOW-AOC2-W-GP3	FGOW-AOC2-W-GP-1
FGOW-AOC1N-W-GP2	FGOW-AOC1N-W-GP1
FGOW-BG-SS-GP15(0-6")	FGOW-BG-SS-GP13(0-6")
FGOW-BG-SS-GP16(0-6")	FGOW-BG-SS-GP14(0-6")
FGOW-AOC1N-SS-SS2(0-6")	FGOW-AOC1N-SS-SS1(0-6")
FGOW-AOC1M-SS-SS3(0-6")	FGOW-AOC1M-SS-SS1(0-6")
FGOW-AOC1S-SS-GP3(0-6")	FGOW-AOC1S-SS-GP1(0-6")

MS/MSD Samples			
MS	MSD		Date
X	X	FGOW-AOC6-SS-TP1(0-.5')	8/7/2007
X	X	FGOW-AOC7A-SS-GP3(0-6")	8/15/2007
X	X	FGOW-AOC7B-W-GP1	8/16/2007
X		FGOW-AOC7C-W-GP6	8/22/2007
X	X	FGOW-AOC7C-SS-GP5(0-6")	8/24/2007
X	X	FGOW-AOC5-SS-GP6(0-6")	9/6/2007
X	X	FGOW-AOC5-SS-SS12(0-6")	9/6/2007
X	X	FGOW-AOC4-SS-GP2(0-6")	9/11/2007
X	X	FGOW-AOC2-W-GP1	9/13/2007
X	X	FGOW-AOC1N-W-GP1	9/18/2007
X	X	FGOW-BG-SS-GP13(0-6")	9/28/2007
X	X	FGOW-AOC1N-SS-SS1(0-6")	9/27/2007
X	X	FGOW-AOC1M-SS-SS1(0-6")	9/27/2007
X	X	FGOW-AOC1S-SS-GP1(0-6")	9/28/2007