

SOURCE WATER PROTECTION SCOPING 2 WORKSHEET

Minneapolis – St. Paul – St. Cloud

POTENTIAL SOURCES OF CONTAMINATION

CONSIDERATIONS:

AREA A – this area consists of both point and non-point sources of potential contamination. Because of the sheer volume of potential sources, it will be necessary to define what is the most important area upon which to focus the majority of the inventory and to determine which contaminants are important to the surface intake. For the land use inventory, it will be important to look at all available layers (city, county, state, federal) of land use mapping and assess all of them for the individual differences of information.

AREA B – this area will be reviewed primarily for non-point sources of potential contamination. The overriding principal in determining adequacy of the inventory will be that the data needs to be adequate for planning purposes. In some cases it may be determined important to focus management on a specific source, and the inventory will be refined with more detail during the implementation of the plan.

It will be likely that some point sources will be inventoried in Area B because of the potential impact on the intake. These might include NPDES permits, storm water outfalls, pipelines and large storage tanks. The land use assessment described above should help determine which areas to focus on for non-point sources.

Due to the detail required for mapping, the Area B inventory may only consist of the data points provided from State and Federal data sources, if it is deemed adequate for planning purposes.

DEFINITIONS – for the purpose of this document, the following definitions apply:

Terraced and Alluvial Soils. The area defined as consisting of terraces and alluvial soils in the main stem river corridor and tributaries, where available, and used in Part 1 SWP reports.

Key for Area A and Area B Columns:

= PCSI element required

O = PCSI element required only in the terraced and alluvial soils area

T = PCSI element to be determined upon completion of USGS Gains and Losses Study

-- = PCSI element is of no concern

Scoping 2 PCSI Worksheet: St. Paul, Minneapolis, St. Cloud

PCSI Code	Activity	AREA A	AREA B
Agricultural			
AA_	Aqua Farming	#	--
AC_	Continuous Crop	#	#
AF_	Feedlot	#	#
AI_	Irrigated Crop	#	#
AL_	Livestock	#	--
ALO	Logging	#	O
AM_	Manure Storage	#	#
AP_	Pasture	#	#
AS_	Seasonal Stockpiling of Fertilizer	#	--
AX_	Chemical Mixing	#	--
AHS	Historical Use	--	--
Bulk Storage/Material Stockpiling			
BCG	Compressed Gasses	--	--
BCL	Coal	#	--
BFR	Fertilizer	#	O
BPS	Pesticide	#	O
BPT	Petroleum Products	#	O
BSE	Seasonal Storage	#	O
BSS	Salt Storage	#	O
BSY	Salvage Yard (Hardware - Lumber)	#	O
BTI	Tires	--	--
BTW	Treated Wood	#	O
BUD	Unidentified Drum	O	O
BVC	Volatile Organic Chemicals	#	O
BWA	Hazardous Waste	#	O

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PCSI Code	Activity	AREA A	AREA B
Commercial			
CAI	Airport	#	--
CAR	Agricultural Chemical Retail	#	O
CAW	Agricultural Chemical Warehouse	#	O
CBO	Boatyard/Boat Works	--	--
CCE	Cemetery	--	--
CCP	Cement Products	--	--
CDC	Dry Cleaning	#	O
CEX	Exterminator	#	O
CFP	Food Processing	#	O
CFR	Furniture Refinishing	#	O
CHA	Hardware	#	O
CHM	Hotel/Motel	--	--
CIS	Implement Sales	--	--
CLD	Laundromat	--	--
CLO	Logging Contractor	--	--
CLS	Lawn Services/Snow Plowing	#	O
CLU	Lumberyard	#	O
CMO	Mortuary	#	O
CMP	Medical/Dental/Chiropractic/Veterinary Practice (Health Services)	#	O
CMS	Metal Scrap and Salvage	#	O
CMW	Metal Working/Machine Shop	#	O
COF	Office	--	--
CPA	Painting/Renovating	#	O
CPD	Petroleum Product Distributor	#	O
CPH	Photographic Services	#	O
CPR	Printing	#	O
CRF	Restaurant/Food Service	--	--
CSL	Slaughtering	#	O
CSS	Service Station	#	O

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PCSI Code	Activity	AREA A	AREA B
Commercial - Continued			
CTX	Taxidermy	#	O
CTY	Train Yard	#	O
CVP	Vehicle Storage/Parking	--	--
CVS	Vehicle Sales	--	--
CVJ	Vehicle Junk Yard	#	O
CWA	Warehouse	#	O
General			
GC_	Cesspool	O	O
GDI	Diesel Fuel Storage	#	O
GDR	Drainage Well	O	O
GDS	Storm Water	#	O
GDT	Agricultural Drain	#	O
GDW	Dry Well	O	O
GE_	Equipment/Vehicle Washing	#	O
GF_	Fuel Oil Storage	#	O
GFP	Fuel Pumps	#	O
GG_	Gasoline Storage	#	O
GH_	Community Water Supply Connection	--	--
GKG	Kerosene/Jet Fuel	#	O
GL_	Lawn >1 Acre	O	--
GP_	Propane Fuel	--	--
GR_	Equipment/Vehicle Repair	#	O
GS_	Sewer Connection	#	O
GT_	Septic Tank	--	--
GW_	Water Well(s)	O	O
GWO	Waste Oil	#	O

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PCSI Code	Activity	AREA A	AREA B
Industrial			
IAS	Asphalt Production	#	O
ICG	Coal Gasification Plant	#	O
ICM	Chemical Manufacturing	#	O
ICS	Cleaning Supply Manufacturing	#	O
IEG	Electrical Power Generation	#	O
IEM	Electrical Products Manufacturing	#	O
IET	Electrical Power Transmission	--	--
IFM	Furniture Manufacturing	#	O
IFW	Foundry/Metal Working	#	O
ILU	Lumber Mill	#	O
IMP	Metal Plating	#	O
IMQ	Mining/Quarrying	#	O
ING	Natural Gas Storage, Distribution	--	--
IPA	Paint Manufacturing	#	O
IPM	Paper Mill	#	O
IPP	Petroleum Pipeline	#	O
IPR	Petroleum Refining/Processing	#	O
IWT	Wood Treating	#	O
Miscellaneous			
MAB	Animal Burial	--	--
MCF	Catastrophic Fire	--	--
MHD	Homestead Dump	--	--
MSE	Soil Erosion	#	#
MSH	Sinkhole	--	--

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PCSI Code	Activity	AREA A	AREA B
Institutional			
NCH	Church	--	--
NFS	Fire Station	--	--
NGO	Government/Court Offices	--	--
NHC	Hospital/Clinic	#	O
NLI	Library	--	--
NMI	Military Installation	#	O
NMU	Museum/Gallery	--	--
NPC	Prison/Correctional Facility	--	--
NPL	State/Federal Land	#	#
NPO	Post Office	--	--
NPS	Public Safety (Police, etc.)	--	--
NSC	School	--	--
Recreational			
RAP	Amusement Park	--	--
RCG	Campground	--	--
RFG	Fair Grounds	#	O
RGC	Golf Course	#	O
RPA	Park/Playground	#	#
RRC	Racing Track/Casino	--	--
RRE	Resort	#	O
RSF	Sports Facility	#	O
RSR	Shooting Range/Game Farm	#	#
RZO	Zoo/Arboretum	--	--

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PCSI Code	Activity	AREA A	AREA B
Waste Management			
WAD	Ash Disposal	#	#
WAF	Land Farm	--	--
WAG	Lagoon	#	#
WCF	Composting Facility	#	O
WIN	Incinerator	#	O
WLF	Landfill	#	O
WLA	Permitted - Active	#	O
WLD	Demolition Debris	#	--
WLI	Permitted - Closed	--	--
WLO	Open Dump	--	--
WLP	Promiscuous Dump	--	--
WRF	Recycling Facility	#	--
WSD	Sludge Disposal	O	O
WSP	Spill	#	O
WST	Septage Storage/Disposal	O	O
WSW	Storm Water Retention Pond	#	O
WTP	Tailings Impoundment/Mine Tailings	--	--
WTS	Transfer Station	#	O
WU_	Superfund Site	#	#
WUC	CERCLIS Site	#	#
WUF	Federal (NPL)	?	?
WUS	State (PLP)	?	?
WWP	Waste Processing/Treatment Facility	#	O
WWS	Waste Water Seepage Pond	#	O