

**Table 1 - Asbestos Sampling Results
I-35W Minneapolis Bridge Response
Minneapolis, Hennepin County, Minnesota
August 10, 2007**

Parameter	Units	Sampling Location	1	2	3*
		Sample Name	MBR1-ASB01	MBR2-ASB01	MBR3-ASB01
		Sampling Date	8/3/07	8/3/07	8/3/07
		Regulatory Level			
Asbestos (TEM - EPA level II)					
Volume	liters	NA	2,659	2,638	2,723
Asbestos type	NA	NA	FD	ND	ND
Number of structures	asbestos	NA	NA	NA	NA
	non-asbestos	NA	NA	0	0
Concentration	S/mm ²	TBD	NA	<16.00	<0.0023
	S/cc	TBD	NA	<16.00	<0.0022

NOTES:

* Due to power source outage during the sampling event, the exact volume filtered for the sample is not known.

< - less than

EPA - United States Environmental Protection Agency

FD - Filter damaged, unreadable

NA - Not applicable

ND - None detected

S/cc - structures per cubic centimeter

S/mm² - structures per square millimeter

TBD - to be determined

TEM - Transmission electron microscopy

**Table 2 - Lead Sampling Results
I-35W Minneapolis Bridge Response
Minneapolis, Hennepin County, Minnesota
August 3, 2007**

Parameter	Units	Sampling Location	1	2	3*	BLANK**
		Sample Name	MBR1-PB01	MBR2-PB01	MBR3-PB01	MBR-BLANK2
		Sampling Date	8/3/07	8/3/07	8/3/07	8/4/07
		Regulatory Level				
Metals (NIOSH 7300)						
Lead	ug/m ³	TBD	<0.36	<0.36	2.2	<0.50

NOTES:

* Due to power source outage during the sampling event, the exact volume filtered for the sample is not known.

** Units for blank samples are micrograms per filter (ug/filter)

< - less than

ug/m³ - micrograms per cubic meter

NA - not applicable

NIOSH - National Institute for Occupational Safety and Health

TBD - to be determined

**Table 3 - Asbestos Sampling Results
I-35W Minneapolis Bridge Response
Minneapolis, Hennepin County, Minnesota
August 10, 2007**

Parameter	Units	Sample Location	1	2	3	BLANK
		Sample Name	MBR1-SIL01	MBR2-SIL01	MBR3-SIL01	MBR3-BLANK3
		Sampling Date	8/3/07	8/3/07	8/3/07	8/4/2007
		Regulatory Level				
Silica (NIOSH 7500 mod.)						
Volume	liters	NA	845	806.4	825.2	NA
Respirable Dust	mg	NA	<0.050	0.09	<0.050	<0.050
Respirable Dust Concentration	mg/m ³	TBD	<0.059	0.112	<0.061	NA
Silica	%	NA	NA	NA	NA	NA
α-quartz	mg/m ³	TBD	<0.006	<0.006	<0.006	NA
crystalite/ tridymite	mg/m ³	TBD	<0.024	<0.025	<0.024	NA

NOTES:

% - percent

< - less than

NA - not applicable

mg - milligram

mg/m³ - milligrams per cubic meter

**Table 4 - Volatile Organic Compounds
I-35W Minneapolis Bridge Response
Minneapolis, Hennepin County, Minnesota
August 3, 2007**

Parameter	Units	Sampling Location	2	3
		Sample Name	MBR2-VOC01	MBR3-VOC01
		Sampling Date	8/10/07	8/10/07
		Regulatory Level		
Volatile Organic Compounds (TO-15)				
Acetone	$\mu\text{g}/\text{m}^3$	TBD	8.60	7.70
Benzene	$\mu\text{g}/\text{m}^3$	TBD	1.40	1.90
Bromodichloromethane	$\mu\text{g}/\text{m}^3$	TBD	2.30 U	2.20 U
Bromoform	$\mu\text{g}/\text{m}^3$	TBD	3.50 U	3.20 U
Bromomethane	$\mu\text{g}/\text{m}^3$	TBD	2.40	2.80
1,3-Butadiene	$\mu\text{g}/\text{m}^3$	TBD	0.75 U	0.69 U
2-Butanone (MEK)	$\mu\text{g}/\text{m}^3$	TBD	1.20	1.60
Carbon disulfide	$\mu\text{g}/\text{m}^3$	TBD	1.00 U	0.97 U
Carbon tetrachloride	$\mu\text{g}/\text{m}^3$	TBD	2.20 U	2.00 U
Chlorobenzene	$\mu\text{g}/\text{m}^3$	TBD	1.60 U	1.40 U
Chloroethane	$\mu\text{g}/\text{m}^3$	TBD	0.90 U	0.83 U
Chloroform	$\mu\text{g}/\text{m}^3$	TBD	1.60 U	1.50 U
Chloromethane	$\mu\text{g}/\text{m}^3$	TBD	0.70 U	0.69
Cyclohexane	$\mu\text{g}/\text{m}^3$	TBD	1.10 U	1.00 U
Dibromochloromethane	$\mu\text{g}/\text{m}^3$	TBD	2.80 U	2.60 U
1,2-Dibromoethane (EDB)	$\mu\text{g}/\text{m}^3$	TBD	2.7 U	2.50 U
1,2-Dichlorobenzene	$\mu\text{g}/\text{m}^3$	TBD	2 U	1.8 U
1,3-Dichlorobenzene	$\mu\text{g}/\text{m}^3$	TBD	2 U	1.8 U
1,4-Dichlorobenzene	$\mu\text{g}/\text{m}^3$	TBD	2 U	1.8 U
Dichlorodifluoromethane	$\mu\text{g}/\text{m}^3$	TBD	2.5	2.7
1,1-Dichloroethane	$\mu\text{g}/\text{m}^3$	TBD	1.4 U	1.3 U
1,2-Dichloroethane	$\mu\text{g}/\text{m}^3$	TBD	1.4 U	1.3 U
1,1-Dichloroethene	$\mu\text{g}/\text{m}^3$	TBD	1.3 U	1.2 U
cis-1,2-Dichloroethene	$\mu\text{g}/\text{m}^3$	TBD	1.3 U	1.2 U
trans-1,2-Dichloroethene	$\mu\text{g}/\text{m}^3$	TBD	1.3 U	1.2 U
1,2-Dichloropropane	$\mu\text{g}/\text{m}^3$	TBD	1.6 U	1.4 U
cis-1,2-Dichloropropene	$\mu\text{g}/\text{m}^3$	TBD	1.5 U	1.4 U
trans-1,2-Dichloropropene	$\mu\text{g}/\text{m}^3$	TBD	1.5 U	1.4 U
Dichlorotetrafluoroethane	$\mu\text{g}/\text{m}^3$	TBD	2.3 U	2.2 U

**Table 4 - Volatile Organic Compounds
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August 3, 2007**

Parameter	Units	Sampling Location	2	3
		Sample Name	MBR2-VOC01	MBR3-VOC01
		Sampling Date	8/10/07	8/10/07
		Regulatory Level		
Volatile Organic Compounds (TO-15) cont.				
Ethyl acetate	$\mu\text{g}/\text{m}^3$	TBD	1.2 U	1.1 U
Ethylbenzene	$\mu\text{g}/\text{m}^3$	TBD	1.5 U	1.4 U
4-Ethyltoluene	$\mu\text{g}/\text{m}^3$	TBD	4 U	3.8 U
n-Heptane	$\mu\text{g}/\text{m}^3$	TBD	1.4 U	1.3 U
Hexachloro-1,3-butadiene	$\mu\text{g}/\text{m}^3$	TBD	3.7 UJ	3.4 UJ
n-Hexane	$\mu\text{g}/\text{m}^3$	TBD	1.9	2.1
2-Hexanone	$\mu\text{g}/\text{m}^3$	TBD	1.4 U	1.3 U
Methylene Chloride	$\mu\text{g}/\text{m}^3$	TBD	1.2 U	1.1 U
4-Methyl-2-pentanone (MIBK)	$\mu\text{g}/\text{m}^3$	TBD	1.4 U	1.3 U
Methyl-tert-butyl ether	$\mu\text{g}/\text{m}^3$	TBD	1.2 U	1.1 U
Naphthalene	$\mu\text{g}/\text{m}^3$	TBD	4.5 UJ	4.2 UJ
Propylene	$\mu\text{g}/\text{m}^3$	TBD	1.8	1.8
Stryene	$\mu\text{g}/\text{m}^3$	TBD	1.4 U	1.3 U
1,1,2,2-Tetrachloroethane	$\mu\text{g}/\text{m}^3$	TBD	2.3 U	2.2 U
Tetrachloroethene	$\mu\text{g}/\text{m}^3$	TBD	2.3 U	2.2 U
Tetrahydrofuran	$\mu\text{g}/\text{m}^3$	TBD	1 U	0.92 U
Toluene	$\mu\text{g}/\text{m}^3$	TBD	3.8	4.5
1,2,4-Trichlorobenzene	$\mu\text{g}/\text{m}^3$	TBD	1.6 UJ	1.5 UJ
1,1,1-trichloroethane	$\mu\text{g}/\text{m}^3$	TBD	1.8 U	1.7 U
1,1,2-Trichloroethane	$\mu\text{g}/\text{m}^3$	TBD	1.8 U	1.7 U
Trichloroethene	$\mu\text{g}/\text{m}^3$	TBD	1.8 U	1.7 U
Trichlorofluoromethane	$\mu\text{g}/\text{m}^3$	TBD	1.8 U	1.7 U
1,1,2-Trichlorotrifluoroethane	$\mu\text{g}/\text{m}^3$	TBD	2.7 U	2.5 U
1,2,4-Trimethylbenzene	$\mu\text{g}/\text{m}^3$	TBD	4.2 U	3.8 U
1,3,5-Trimethylbenzene	$\mu\text{g}/\text{m}^3$	TBD	4.2 U	3.8 U
Vinyl Acetate	$\mu\text{g}/\text{m}^3$	TBD	1.2 U	1.1 U
Vinyl Chloride	$\mu\text{g}/\text{m}^3$	TBD	0.86 U	0.8 U

**Table 4 - Volatile Organic Compounds
I-35W Minneapolis Bridge Response
Minneapolis, Hennepin County, Minnesota
August 3, 2007**

Parameter	Units	Sampling Location	2	3
		Sample Name	MBR2-VOC01	MBR3-VOC01
		Sampling Date	8/10/07	8/10/07
		Regulatory Level		
Volatile Organic Compounds (TO-15) cont.				
m&p Xylene	$\mu\text{g}/\text{m}^3$	TBD	3.4	3.6
o-Xylene	$\mu\text{g}/\text{m}^3$	TBD	1.5	1.6

NOTES:

J - estimated

TBD - to be determined

$\mu\text{g}/\text{m}^3$ - micrograms per cubic meter

U - nondetect

VOC - volatile organic compound

**Table 5 - Asbestos Sampling Results
I-35W Minneapolis Bridge Response
Minneapolis, Hennepin County, Minnesota
August 10, 2007**

Parameter	Units	Sampling Location	1A	2A	3A	4A	5A	6A	7A
		Sample Name	MBR1A-ASB01	MBR2A-ASB01	MBR3A-ASB01	MBR4A-ASB01	MBR5A-ASB01	MBR6A-ASB01	MBR7A-ASB01
		Sampling Date	8/10/07	8/10/07	8/10/07	8/10/07	8/10/07	8/10/07	8/10/07
		Regulatory Level							
Asbestos (TEM - EPA level II)									
Volume	liters	NA	2,474	2,525	2,408	2,544	2,808	2,381	2,399
Asbestos type	NA	NA	ND	ND	ND	ND	ND	ND	ND
Number of structures	asbestos	NA	NA	NA	NA	NA	NA	NA	NA
	non-asbestos	NA	0	0	0	0	0	0	0
Concentration	S/mm ²	TBD	<16.00	<16.00	<16.00	<16.00	<16.00	<16.00	<16.00
	S/cc	TBD	<0.0025	<0.0024	<0.0025	<0.0024	<0.0022	<0.0025	<0.0025

NOTES:

< - less than

EPA - United States Environmental Protection Agency

NA - Not applicable

ND - None detected

S/cc - structures per cubic centimeter

S/mm² - structures per square millimeter

TBD - to be determined

TEM - Transmission electron microscopy

**Table 6 - Asbestos Sampling Results
I-35W Minneapolis Bridge Response
Minneapolis, Hennepin County, Minnesota
August 11, 2007**

ASB01	Units	Sampling Location	1A	2A	3A	4A	5A	6A	7A	Blank
		Sample Name	MBR1A-ASB01	MBR2A-ASB01	MBR3A-ASB01	MBR4A-ASB01	MBR5A-ASB01	MBR6A-ASB01	MBR7A-ASB01	MBRBLK-ASB01
		Sampling Date	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07
		Regulatory Level								
Asbestos (TEM - EPA level II)										
Volume	liters	NA	2,527	2,476	2,466	2,440	2,464	2,525	2,369	0
Asbestos type	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Number of structures	asbestos	NA	NA	NA	NA	NA	NA	NA	NA	ND
	non-asbestos	NA	0	0	0	0	0	0	0	0
Concentration	S/mm ²	TBD	<16.00	<16.00	<16.00	<16.00	<16.00	<16.00	<16.00	<16.00
	S/cc	TBD	<0.0024	<0.0024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0024	<0.0026

NOTES:

< - less than

EPA - United States Environmental Protection Agency

NA - Not applicable

ND - None detected

NL - Not listed

S/cc - structures per cubic centimeter

S/mm² - structures per square millimeter

TBD - to be determined

TEM - Transmission electron microscopy

**Table 7 - Asbestos Sampling Results
I-35W Minneapolis Bridge Response
Minneapolis, Hennepin County, Minnesota
August 12, 2007**

Parameter	Units	Sampling Location	1A	2A	3A	4A	5A	6A	7A	Blank
		Sample Name	MBR1A-ASB01	MBR2A-ASB01	MBR3A-ASB01	MBR4A-ASB01	MBR5A-ASB01	MBR6A-ASB01	MBR7A-ASB01	MBRBLK-ASB01
		Sampling Date	8/12/07	8/12/07	8/12/07	8/12/07	8/12/07	8/12/07	8/12/07	8/12/07
		Regulatory Level								
Asbestos (TEM - EPA level II)										
Volume	liters	NA	2,457	2,416	2,607	2,408	829	2,477	2,416	0
Asbestos type	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
Number of structures	asbestos	NA	NA	NA	NA	NA	NA	NA	NA	NA
	non-asbestos	NA	0	0	0	0	0	0	0	0
Concentration	S/mm ²	TBD	<16.00	<16.00	<16.00	<16.00	<16.00	<16.00	<16.00	<16.00
	S/cc	TBD	<0.0025	<0.0025	<0.0023	<0.0025	<0.0073	<0.0024	<0.0025	NL

NOTES:

< - less than

EPA - United States Environmental Protection Agency

NA - Not applicable

ND - None detected

S/cc - structures per cubic centimeter

S/mm² - structures per square millimeter

TBD - to be determined

TEM - Transmission electron microscopy

**Table 8 - Metals Sampling Results
I-35W Minneapolis Bridge Response
Minneapolis, Hennepin County, Minnesota
August 10, 2007**

Parameter	Units	Sampling Location	1A	2A	3A	4A	5A	6A	7A
		Sample Name	MBR1A-MET01	MBR2A-MET01	MBR3A-MET01	MBR4A-MET01	MBR5A-MET01	MBR6A-MET01	MBR7A-MET01
		Sampling Date	8/10/07	8/10/07	8/10/07	8/10/07	8/10/07	8/10/07	8/10/07
		Regulatory Level							
Metals (NIOSH 7300)									
Aluminum	ug/m ³	TBD	<3.4	<3.4	<3.3	<3.4	<3.3	<3.3	<3.2
Antimony	ug/m ³	TBD	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.6
Arsenic	ug/m ³	TBD	<0.67	<0.69	<0.66	<0.69	<0.66	<0.67	<0.65
Barium	ug/m ³	TBD	<0.67	<0.69	<0.66	<0.69	<0.66	<0.67	<0.65
Beryllium	ug/m ³	TBD	<0.67	<0.69	<0.66	<0.69	<0.66	<0.67	<0.65
Cadmium	ug/m ³	TBD	<0.67	<0.69	<0.66	<0.69	<0.66	<0.67	<0.65
Chromium	ug/m ³	TBD	<1.3	<1.4	<1.3	<1.4	<1.3	<1.3	<1.3
Cobalt	ug/m ³	TBD	<0.67	<0.69	<0.66	<0.69	<0.66	<0.67	<0.65
Copper	ug/m ³	TBD	<1.3	<1.4	<1.3	<1.4	<1.3	<1.3	<1.3
Iron	ug/m ³	TBD	<3.4	<3.4	<3.3	<3.4	<3.3	<3.3	<3.2
Lead	ug/m ³	TBD	<0.67	<0.69	<0.66	<0.69	<0.66	<0.67	<0.65
Manganese	ug/m ³	TBD	<1.3	<1.4	<1.3	<1.4	<1.3	<1.3	<1.3
Nickel	ug/m ³	TBD	<0.67	<0.69	<0.66	<0.69	<0.66	<0.67	<0.65
Selenium	ug/m ³	TBD	<0.67	<0.69	<0.66	<0.69	<0.66	<0.67	<0.65
Zinc	ug/m ³	TBD	<3.4	<3.4	<3.3	<3.4	<3.3	<3.3	<3.2

NOTES:

* Units for blank samples are micrograms per filter (ug/filter)

< - less than

ug/m³ - micrograms per cubic meter

NIOSH - National Institute for Occupational Safety and Health

TBD - to be determined

**Table 9 - Metals Sampling Results
I-35W Minneapolis Bridge Response
Minneapolis, Hennepin County, Minnesota
August 11, 2007**

Parameter	Units	Sampling Location	1A	2A	3A	4A	5A	6A	7A	BLANK*	BLANK*
		Sample Name	MBR1A-MET01	MBR2A-MET01	MBR3A-MET01	MBR4A-MET01	MBR5A-MET01	MBR6A-MET01	MBR7A-MET01	MBRBLK-MET01	MBRBLK-MET02
		Sampling Date	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07
		Regulatory Level									
Metals (NIOSH 7300)											
Aluminum	ug/m ³	TBD	<3.5	<3.3	<3.4	<3.5	<3.5	<3.5	<3.5	<5.0	<5.0
Antimony	ug/m ³	TBD	<1.7	<1.7	<1.7	<1.8	<1.7	<1.7	<1.8	<2.5	<2.5
Arsenic	ug/m ³	TBD	<0.70	<0.67	<0.69	<0.70	<0.69	<0.69	<0.71	<1.0	<1.0
Barium	ug/m ³	TBD	<0.70	<0.67	<0.69	<0.70	<0.69	<0.69	<0.71	<1.0	<1.0
Beryllium	ug/m ³	TBD	<0.70	<0.67	<0.69	<0.70	<0.69	<0.69	<0.71	<1.0	<1.0
Cadmium	ug/m ³	TBD	<0.70	<0.67	<0.69	<0.70	<0.69	<0.69	<0.71	<1.0	<1.0
Chromium	ug/m ³	TBD	<1.4	<1.3	<1.4	<1.4	<1.4	<1.4	<1.4	<2.0	<2.0
Cobalt	ug/m ³	TBD	<0.70	<0.67	<0.69	<0.70	<0.69	<0.69	<0.71	<1.0	<1.0
Copper	ug/m ³	TBD	<1.4	<1.3	<1.4	<1.4	<1.4	<1.4	<1.4	<2.0	<2.0
Iron	ug/m ³	TBD	<3.5	<3.3	<3.4	<3.5	<3.5	<3.5	<3.5	<5.0	<5.0
Lead	ug/m ³	TBD	<0.70	<0.67	<0.69	<0.70	<0.69	<0.69	<0.71	<1.0	<1.0
Manganese	ug/m ³	TBD	<1.4	<1.3	<1.4	<1.4	<1.4	<1.4	<1.4	<2.0	<2.0
Nickel	ug/m ³	TBD	<0.70	<0.67	<0.69	<0.70	<0.69	<0.69	<0.71	<1.0	<1.0
Selenium	ug/m ³	TBD	<0.70	<0.67	<0.69	<0.70	<0.69	<0.69	<0.71	<1.0	<1.0
Zinc	ug/m ³	TBD	<3.5	<3.3	<3.4	<3.5	<3.5	<3.5	<3.5	<5.0	<5.0

NOTES:

* Units for blank samples are micrograms per filter (ug/filter)

< - less than

ug/m³ - micrograms per cubic meter

NIOSH - National Institute for Occupational Safety and Health

TBD - to be determined

**Table 10 - Metals Sampling Results
I-35W Minneapolis Bridge Response
Minneapolis, Hennepin County, Minnesota
August 12, 2007**

Parameter	Units	Sampling Location	1A	2A	3A	4A	5A	6A	7A	BLANK*
		Sample Name	MBR1A-MET01	MBR2A-MET01	MBR3A-MET01	MBR4A-MET01	MBR5A-MET01	MBR6A-MET01	MBR7A-MET01	MBR7A-MET01
		Sampling Date	8/12/07	8/12/07	8/12/07	8/12/07	8/12/07	8/12/07	8/12/07	8/12/07
		Regulatory Level								
Metals (NIOSH 7300)										
Aluminum	ug/m ³	TBD	<3.6	<3.3	<3.3	<3.3	<3.5	<3.4	<3.4	<5.0
Antimony	ug/m ³	TBD	<1.8	<1.7	<1.6	<1.7	<1.7	<1.7	<1.7	<2.5
Arsenic	ug/m ³	TBD	<0.71	<0.66	<0.65	<0.66	<0.70	<0.69	<0.67	<1.0
Barium	ug/m ³	TBD	<0.71	<0.66	<0.65	<0.66	<0.70	<0.69	<0.67	<1.0
Beryllium	ug/m ³	TBD	<0.71	<0.66	<0.65	<0.66	<0.70	<0.69	<0.67	<1.0
Cadmium	ug/m ³	TBD	<0.71	<0.66	<0.65	<0.66	<0.70	<0.69	<0.67	<1.0
Chromium	ug/m ³	TBD	<1.4	<1.3	<1.3	<1.3	<1.4	<1.4	<1.3	<2.0
Cobalt	ug/m ³	TBD	<0.71	<0.66	<0.65	<0.66	<0.70	<0.69	<0.67	<1.0
Copper	ug/m ³	TBD	<1.4	<1.3	<1.3	<1.3	<1.4	<1.4	<1.3	<2.0
Iron	ug/m ³	TBD	<3.6	<3.3	<3.3	<3.3	<3.5	<3.4	<3.4	<5.0
Lead	ug/m ³	TBD	<0.71	<0.66	<0.65	<0.66	<0.70	<0.69	<0.67	<1.0
Manganese	ug/m ³	TBD	<1.4	<1.3	<1.3	<1.3	<1.4	<1.4	<1.3	<2.0
Nickel	ug/m ³	TBD	<0.71	<0.66	<0.65	<0.66	<0.70	<0.69	<0.67	<1.0
Selenium	ug/m ³	TBD	<0.71	<0.66	<0.65	<0.66	<0.70	<0.69	<0.67	<1.0
Zinc	ug/m ³	TBD	<3.6	<3.3	<3.3	<3.3	<3.5	<3.4	<3.4	<5.0

NOTES:

* Units for blank samples are micrograms per filter (ug/filter)

< - less than

ug/m³ - micrograms per cubic meter

NIOSH - National Institute for Occupational Safety and Health

TBD - to be determined

**Table 11 - Silica Sampling Results
I-35W Minneapolis Bridge Response
Minneapolis, Hennepin County, Minnesota
August 10, 2007**

Parameter	Units	Sample Location	1A	2A	3A	4A	5A	6A	7A
		Sample Name	MBR1A-SIL01	MBR2A-SIL01	MBR3A-SIL01	MBR4A-SIL01	MBR5A-SIL01	MBR6A-SIL01	MBR7A-SIL01
		Sampling Date	8/10/07	8/10/07	8/10/07	8/10/07	8/10/07	8/10/07	8/10/07
		Regulatory Level							
Silica (NIOSH 7500 mod.)									
Volume	liters	NA	847.9	833	820.1	843.8	871.2	840.5	831.5
Respirable Dust	mg	NA	<0.050	<0.050	<0.050	<0.050	0.124	<0.050	<0.050
Resirable Dust Concentration	mg/m ³	TBD	<0.059	<0.060	<0.061	<0.059	0.142	<0.059	<0.060
Silica	%	NA	NA	NA	NA	NA	NA	NA	NA
α -quartz	mg/m ³	TBD	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
crystalobalite/tridymite	mg/m ³	TBD	<0.024	<0.024	<0.024	<0.024	<0.023	<0.024	<0.024

NOTES:

% - percent

< - less than

NA - not applicable

mg - milligram

mg/m³ - milligrams per cubic meter

**Table 12 - Metals Sampling Results
I-35W Minneapolis Bridge Response
Minneapolis, Hennepin County, Minnesota
August 11, 2007**

11-Aug	Units	Sample Location	1A	2A	3A	4A	5A	6A	7A	BLANK
		Sample Name	MBR1A-SIL01	MBR2A-SIL01	MBR3A-SIL01	MBR4A-SIL01	MBR5A-SIL01	MBR6A-SIL01	MBR7A-SIL01	MBRBLK-SIL01
		Sampling Date	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07
		Regulatory Level								
Silica (NIOSH 7500 mod.)										
Volume	liters	NA	814.87	815.3	758.88	810.76	802.8	864.27	805.7	0
Respirable Dust	mg	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Respirable Dust Concentration	mg/m ³	TBD	<0.061	<0.061	<0.066	<0.062	<0.062	<0.058	<0.062	N/A
Silica	%	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
α-quartz	mg/m ³	TBD	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	N/A
crystalite/ tridymite	mg/m ³	TBD	<0.025	<0.025	<0.026	<0.025	<0.025	<0.023	<0.025	N/A

NOTES:

% - percent

< - less than

NA - not applicable

mg - milligram

mg/m³ - milligrams per cubic meter

**Table 13 - Metals Sampling Results
I-35W Minneapolis Bridge Response
Minneapolis, Hennepin County, Minnesota
August 12, 2007**

Parameter	Units	Sample Location	1A	2A	3A	4A	5A	6A	7A	BLANK
		Sample Name	MBR1A-SIL01	MBR2A-SIL01	MBR3A-SIL01	MBR4A-SIL01	MBR5A-SIL01	MBR6A-SIL01	MBR7A-SIL01	MBRBLK-SIL01
		Sampling Date	8/12/07	8/12/07	8/12/07	8/12/07	8/12/07	8/12/07	8/12/07	8/12/07
		Regulatory Level								
Silica (NIOSH 7500 mod.)										
Volume	liters	NA	807	847.4	874.2	808.1	828.7	810.8	827	0
Respirable Dust	mg	NA	0.358	0.066	0.083	<0.050	<0.050	<0.050	0.095	<0.050
Resirable Dust Concentration	mg/m ³	TBD	0.444	0.078	0.095	<0.062	<0.060	<0.062	0.115	N/A
Silica	%	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
α-quartz	mg/m ³	TBD	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	N/A	N/A
crystalite/tridymite	mg/m ³	TBD	<0.025	<0.024	<0.023	<0.025	<0.025	<0.025	<0.024	N/A

NOTES:

% - percent

< - less than

NA - not applicable

mg - milligram

mg/m³ - milligrams per cubic meter

**Table 14 - Metals Sampling Results (Ambient Air)
I-35W Minneapolis Bridge Response
Minneapolis, Hennepin County, Minnesota
August 10, 2007**

Parameter	Units	Sampling Location	1A	2A	3A	4A	5A	6A	7A	BLANK
		Sample Name	MBR1A-TSP01	MBR2A-TSP01	MBR3A-TSP01	MBR4A-TSP01	MBR5A-TSP01	MBR6A-TSP01	MBR7A-TSP01	MBRBLK-TSP01
		Sampling Date	8/10/07	8/10/07	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07
		Regulatory Level								
Sample duration	minutes	NA	497.0	494.0	480.0	492.0	494.0	480.0	480.0	0
Sample volume	m ³	NA	560.2	556.8	541.0	537.8	556.8	538.3	541.0	0
Total Suspended Particulates (TSP) (40 CFR Part 50 Appendix J)										
TSP	µg/m ³	150	155.48	97.11	72.30	64.26	62.66	65.69	59.98	0
Metals										
Aluminum	µg/m ³	TBD	0.59	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	ND
Antimony	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Arsenic	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Barium	µg/m ³	TBD	3.57 U	3.57 U	3.57 U	3.57 U	3.57 U	3.57 U	3.57 U	ND
Beryllium	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Cadmium	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Chromium	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Cobalt	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Copper	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.25	0.18 U	0.18 U	0.18 U	ND
Iron	µg/m ³	TBD	1.16	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	ND
Lead	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Manganese	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Nickel	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Selenium	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Zinc	µg/m ³	TBD	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	ND

NOTES:

µg/m³ - micrograms per cubic meter

m³ - cubic meter

ND - not detected

TBD - to be determined

TSP - Total suspended particulates

U - nondetect

**Table 15 - Metals Sampling Results (Ambient Air)
I-35W Minneapolis Bridge Response
Minneapolis, Hennepin County, Minnesota
August 11, 2007**

Parameter	Units	Sampling Location	1A	2A	3A	4A	5A	6A	7A	BLANK
		Sample Name	MBR1A-TSP01	MBR2A-TSP01	MBR3A-TSP01	MBR4A-TSP01	MBR5A-TSP01	MBR6A-TSP01	MBR7A-TSP01	MBRBLK-TSP01
		Sampling Date	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07	8/11/07
		Regulatory Level								
Sample duration	minutes	NA	490.0	482.0	465.0	479.0	480.0	499.0	472.0	0
Sample volume	m ³	NA	552.3	543.3	513.8	524.7	541.0	559.6	532.0	0
Total Suspended Particulates (TSP) (40 CFR Part 50 Appendix J)										
TSP	µg/m ³	150	60.66	49.79	54.86	40.56	42.55	34.40	47.98	0
Metals										
Aluminum	µg/m ³	TBD	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	ND
Antimony	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Arsenic	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Barium	µg/m ³	TBD	3.62 U	3.62 U	3.62 U	3.62 U	3.62 U	3.62 U	3.62 U	ND
Beryllium	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Cadmium	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Chromium	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Cobalt	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Copper	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.22	0.18 U	0.18 U	0.18 U	ND
Iron	µg/m ³	TBD	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	ND
Lead	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Manganese	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Nickel	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Selenium	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Zinc	µg/m ³	TBD	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	ND

NOTES:

µg/m³ - micrograms per cubic meter

m³ - cubic meter

ND - not detected

TBD - to be determined

TSP - Total suspended particulates

U - nondetect

Table 16 - Metals Sampling Results (Ambient Air)
I-35W Minneapolis Bridge Response
Minneapolis, Hennepin County, Minnesota
August 12, 2007

Parameter	Units	Sampling Location	1A	2A	3A	4A	5A	6A	7A	BLANK
		Sample Name	MBR1A-TSP01	MBR2A-TSP01	MBR3A-TSP01	MBR4A-TSP01	MBR5A-TSP01	MBR6A-TSP01	MBR7A-TSP01	MBRBLK-TSP01
		Sampling Date	8/12/07	8/12/07	8/12/07	8/12/07	8/12/07	8/12/07	8/12/07	8/12/07
		Regulatory Level								
Sample duration	minutes	NA	486.0	465.0	493.0	485.0	480.0	480.0	480.0	0
Sample volume	m ³	NA	547.8	524.1	555.7	530.2	541.0	538.3	541.0	0
Total Suspended Particulates (TSP) (40 CFR Part 50 Appendix J)										
TSP	µg/m ³	150	27.75	22.45	37.97	20.26	16.25	15.70	19.53	0
Metals										
Aluminum	µg/m ³	TBD	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	ND
Antimony	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Arsenic	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Barium	µg/m ³	TBD	3.65 U	3.65 U	3.65 U	3.65 U	3.65 U	3.65 U	3.65 U	ND
Beryllium	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Cadmium	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Chromium	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Cobalt	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Copper	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.60	0.18 U	0.18 U	0.18 U	ND
Iron	µg/m ³	TBD	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	ND
Lead	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Manganese	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Nickel	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Selenium	µg/m ³	TBD	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	ND
Zinc	µg/m ³	TBD	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	ND

NOTES:

µg/m³ - micrograms per cubic meter

m³ - cubic meter

ND - not detected

TBD - to be determined

TSP - Total suspended particulates

U - nondetect