MW-1 (10/17/2007)				0 - 2' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
Tetrachloroethene	153	30.7	0.0045	0.0251
1,1,1-Trichloroethane	640	640	0.1402	0.24
Trichloroethene	8.81	1.26	0.0036	0.66

HA-20 (8/19/2004)				3.5 - 4' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
Cis-1,2-Dichloroethene	2040	156	0.0412	0.249
Tetrachloroethene	153	30.7	0.0045	0.268
1,1,1-Trichloroethane	640	640	0.1402	0.335
Trichloroethene	8.81	1.26	0.0036	5.81

TW-2 (7/27/2004)				1 - 2' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,1,1-Trichloroethane	640	640	0.1402	10.8
1,1-Dichloroethane	23.7	4.72	0.4834	0.182
1,2,4-Trichlorobenzene	98.7	22	0.408	0.0816
1,2,4-Trimethylbenzene	219	89.8	--	505
1,2,3-Trichlorobenzene	818	62.6	--	0.0758
Carbon Tetrachloride	4.25	0.845	0.0039	0.162
Cis-1,2-Dichloroethene	2040	156	0.0412	4.88
Ethylbenzene	37	7.47	1.57	12.6
Naphthalaene	26	5.15	0.6587	0.919
Tetrachloroethene	153	30.7	0.0045	0.163
Total Xylenes	260	260	3.96	164
Trichloroethene	8.81	1.26	0.0036	2.44
Trimethylbenzene	--	--	1.3821	506.16

HP-1 (1/19/2016)				2.5 - 3.5' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
Cis-1,2-Dichloroethene	2040	156	0.0412	0.0724
Trichloroethene	8.81	1.26	0.0036	1.47

GP-4 (5/15/2008)				2 - 4' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
Tetrachloroethene	153	30.7	0.0045	0.0209
Trichloroethene	8.81	1.26	0.0036	4.2

HP-2 (1/19/2016)				3 - 4' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
Trichloroethene	8.81	1.26	0.0036	0.069

GP-5 (5/15/2008)				2 - 4' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
Tetrachloroethene	153	30.7	0.0045	0.0312
Trichloroethene	8.81	1.26	0.0036	1.29

HP-3 (1/20/2016)				1.5 - 2.5' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

HP-6 (1/20/2016)				2 - 3' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
cis-1,2-Dichloroethene	2040	156	0.0412	0.596
Trichloroethene	8.81	1.26	0.0036	46.6

HA-21 (8/19/2004)				3.5 - 4' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
Tetrachloroethene	153	30.7	0.0045	0.178
1,1,1-Trichloroethane	640	640	0.1402	0.081
Trichloroethene	8.81	1.26	0.0036	6.94

MW-3 (10/17/2007)				0 - 2' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
Cis-1,2-Dichloroethene	2040	156	0.0412	0.053
1,1,1-Trichloroethane	640	640	0.1402	0.288
Trichloroethene	8.81	1.26	0.0036	1.18
Trimethylbenzene	--	--	1.3821	117

HP-4 (1/20/2016)				3 - 4' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

HP-5 (1/20/2016)				3 - 4' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

GP-6 (5/15/2008)				2 - 4' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
Tetrachloroethene	153	30.7	0.0045	0.042
Trichloroethene	8.81	1.26	0.0036	1.08

HA-22 (8/19/2004)				3.5 - 4' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
Cis-1,2-Dichloroethene	2040	156	0.0412	0.0341
Tetrachloroethene	153	30.7	0.0045	0.21
1,1,1-Trichloroethane	640	640	0.1402	0.156
Trichloroethene	8.81	1.26	0.0036	2.88

TW-1 (7/27/2004)				0 - 2' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,1,1-Trichloroethane	640	640	0.1402	0.456
1,2,4-Trichlorobenzene	98.7	22	0.408	0.4760
1,2,3-Trichlorobenzene	818	62.6	--	0.1470
Benzene	7.41	1.49	0.0051	0.166
Naphthalene	26	5.15	0.6582	0.883
Trichloroethene	8.81	1.26	0.0036	0.264

B-17 (7/28/2004)				1 - 2.5' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

MW-4 (10/17/2007)				0 - 2' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,1,1-Trichloroethane	640	640	0.1402	0.21
Tetrachloroethene	153	30.7	0.0045	0.052
Trichloroethene	8.81	1.26	0.0036	0.107

HA-23 (8/19/2004)				3.5 - 4' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,1,1-Trichloroethane	640	640	0.1402	0.491
Trichloroethene	8.81	1.26	0.0036	0.179

MW-8 (4/11/2014)				2 - 4' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,1,2-Trichloroethane	7.34	1.48	0.0032	0.23

MW-10 (7/1/2014)				2 - 4' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

TW-16 (7/28/2004)				1.5 - 2' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

TW-13 (7/28/2004)				2.5 - 3' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

B-18 (7/28/2004)				1.5 - 2.5' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

B-19 (7/28/2004)				1.5 - 2.5' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

TW-15 (7/28/2004)				1.5 - 2' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

TW-14 (7/28/2004)				2 - 2.5' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

MW-9 (7/1/2014)				2 - 4' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

TW-12 (7/28/2004)				1.5 - 2' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

TW-11 (7/28/2004)				1.5 - 2' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

TW-5 (7/27/2004)				1.5 - 2' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

TW-3 (7/27/2004)				1.5 - 2' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

GP-1 (5/15/2008)				0 - 2' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

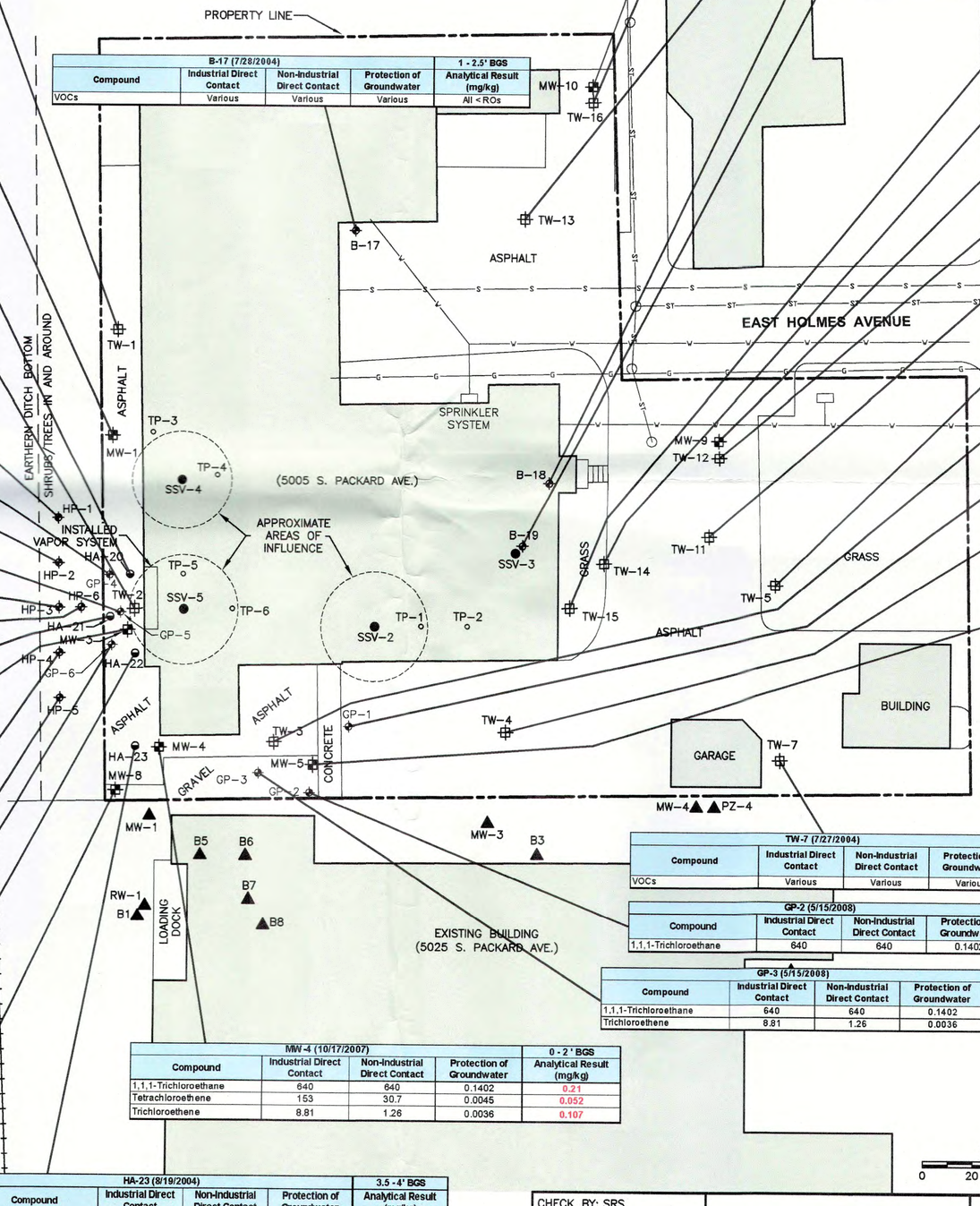
TW-4 (7/27/2004)				2 - 2.5' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

MW-5 (10/17/2007)				0 - 2' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
Benzene	7	1.49	0.0051	0.062
1,1-Dichloroethane	23.7	4.72	0.4834	0.035
1,1-Dichloroethene	1190	342	0.005	0.48
1,1,1-Trichloroethane	640	640	0.1402	12
Trichloroethene	8.81	1.26	0.0036	0.06

TW-7 (7/27/2004)				1 - 3' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

GP-2 (5/15/2008)				0 - 2' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,1,1-Trichloroethane	640	640	0.1402	0.198

GP-3 (5/15/2008)				0 - 2' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,1,1-Trichloroethane	640	640	0.1402	0.061
Trichloroethene	8.81	1.26	0.0036	0.135



LEGEND

- MONITORING WELL
- SOIL BORING/TEMP WELL BY OTHERS
- SOIL PROBE
- HAND AUGER
- OFFSITE SOIL BORING/MONITORING WELL
- PROPERTY BOUNDARY
- G — UNDERGROUND GAS LINE 1.5'–2.5' BGS
- ST — UNDERGROUND STORM SEWER 4'–6' BGS
- S — UNDERGROUND SANITARY SEWER 8'–10' BGS
- W — UNDERGROUND WATER LINE 5.5'–6.5' BGS

NOTES:
1. THE ANALYTICAL DATA IS BASED ON TABLE A.2 "SOIL ANALYTICAL RESULTS" OF KEY ENGINEERING'S CLOSURE REPORT, DATED MAY 2016
2. THE ANALYTICAL RESULTS PRESENTED INCLUDE: CHLORINATED COMPOUNDS: ALL DETECTED CONCENTRATIONS NON-CHLORINATED COMPOUNDS: COMPOUND EXCEEDING RO's ONLY
3. VALUES IN RED EXCEED ONE OR MORE ROs

SCALE IN FEET
0 20 40 80

CHECK BY:	SRS
DRAWN BY:	OS
DATE:	11-1-17
SCALE:	AS SHOWN
CAD NO.:	15011.01C2
PRJ NO.:	15-15011

ST. JOHN - MITTELHAUSER & ASSOCIATES

HISTORICAL SOIL ANALYTICAL RESULTS (SHALLOW <5' BGS)

SUPERIOR HEALTH LINENS
5005 SOUTH PACKARD AVENUE
CUDAHY, WISCONSIN

FIGURE 4

BRRTS # 02-41-532649 A

MW-1 (10/17/2007)				7.5 - 10' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,1,1-Trichloroethane	640	640	0.1402	0.064
Trichloroethene	8.81	1.26	0.0036	5.6

KSP-1 (7/1/2014)				16.5 - 17' BGS	22 - 24' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)	Analytical Result (mg/kg)
1,1,2-Trichloroethane	7.34	1.48	0.0032	1	0.69
Trichloroethene	8.81	1.26	0.0036	26.1	31.6

GP-4 (5/15/2008)				6 - 8' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
cis-1,1-Dichloroethene	2,040	156	0.0412	0.038
Tetrachloroethene	153	30.7	0.0045	0.21
Trichloroethene	8.81	1.26	0.0036	26.6
1,1,1-Trichloroethane	640	640	0.1402	0.41

HP-6 (1/20/2016)				9 - 10' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,1,1-Trichloroethane	640	640	0.1402	1.62
Trichloroethene	8.81	1.26	0.0036	35.4

HP-1 (1/19/2016)				16 - 17' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
Cis-1,2-Dichloroethene	2040	156	0.0412	0.0606
Trichloroethene	8.81	1.26	0.0036	14.8

HP-2 (1/19/2016)				11 - 12' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,1,1-Trichloroethane	640	640	0.1402	0.0436
Trichloroethene	8.81	1.26	0.0036	2.36

HP-3 (1/20/2016)				16 - 17' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,1,1-Trichloroethane	640	640	0.1402	0.667
Trichloroethene	8.81	1.26	0.0036	21.7

HP-4 (1/20/2016)				13 - 14' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,1,1-Trichloroethane	640	640	0.1402	0.764
Trichloroethene	8.81	1.26	0.0036	40.9

HP-5 (1/20/2016)				10 - 11' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

SB-15 (8/15/2018)				8-9' BGS	19 - 20' BGS	20 - 30' BGS	37.7 - 38.5' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)			
VOCs	Various	Various	Various	All < ROs	All < ROs	All < ROs	All < ROs

MW-8 (4/11/2014)				10 - 12' BGS	14 - 16' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)	Analytical Result (mg/kg)
1,1,2-Trichloroethane	7.34	1.48	0.0032	<0.025	0.28

MW-2 (10/17/2007)				5 - 7.5' BGS	10 - 12' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)	Analytical Result (mg/kg)
Cis-1,2-Dichloroethene	2040	156	0.0412	0.264	0.610
1,1-Dichloroethene	23.7	4.72	0.4834	<0.025	0.05
1,1-Dichloroethene	1,190	342	0.005	<0.025	0.043
Tetrachloroethene	153	30.7	0.0045	0.132	<0.025
1,1,1-Trichloroethane	640	640	0.1402	0.73	2.35
Trichloroethene	8.81	1.26	0.0036	28	35

GP-5 (5/15/2008)				6 - 8' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
Cis-1,2-Dichloroethene	2040	156	0.0412	0.72
Tetrachloroethene	153	30.7	0.0045	0.46
1,1,1-Trichloroethane	640	640	0.1402	1.39
Trichloroethene	8.81	1.26	0.0036	30.3

MW-10 (7/1/2014)				6 - 8' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

MW-4 (10/17/2007)				5 - 7.5' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,1,1-Trichloroethane	640	640	0.1402	0.067
Trichloroethene	8.81	1.26	0.0036	0.054

MW-11 (6/5/2017)				8 - 9' BGS	19 - 20' BGS	28.7 - 29' BGS	39 - 40' BGS	45 - 46' BGS	53.2 - 54' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)					
1,1,1-Trichloroethane	640	640	0.1402	0.37	<0.0164	<0.0165	<0.0369	<0.016	<0.0213

MW-13 (8/22/2017)				9 - 10' BGS	17 - 18' BGS	24 - 25' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)		
Cis-1,2-Dichloroethene	2040	156	0.0412	<0.0250	0.0326 J	<0.0250
Tetrachloroethene	153	30.7	0.0045	<0.0250	<0.0250	<0.0250
1,1,1-Trichloroethane	640	640	0.1402	<0.0250	<0.0250	<0.0250
Trichloroethene	8.81	1.26	0.0036	<0.0250	<0.0250	<0.0250

MW-12 (6/6 - 6/14/2017)				5 - 6' BGS	14 - 16' BGS	23.5 - 24' BGS	35 - 36' BGS	45 - 46' BGS	50.5 - 51.5' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)					
Cis-1,2-Dichloroethene	2040	156	0.0412	0.209	0.819 J	0.41	<0.021	<0.025	<0.025
Tetrachloroethene	153	30.7	0.0045	0.137	0.534 J	0.136 J	<0.0183	<0.025	<0.025
1,1,1-Trichloroethane	640	640	0.1402	0.126	<0.325	0.832	<0.0183	<0.025	<0.025
Trichloroethene	8.81	1.26	0.0036	2.05	208	44.6	0.35	<0.025	<0.025

MW-3 (10/17/2007)				12 - 14' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,1-Dichloroethane	23.7	4.72	0.4834	0.093
1,1-Dichloroethene	1,190	342	0.005	0.163
Cis-1,2-Dichloroethene	2040	156	0.0412	0.216
1,1,1-Trichloroethane	640	640	0.1402	6.7
Trichloroethene	8.81	1.26	0.0036	12.500

TW-9 (7/27/2004)				5 - 6' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
Ethylbenzene	37	7.47	1.57	3.21
Naphthalene	26	5.15	0.6582	3.5
1,1,2-Trichloroethene	7.34	1.48	0.0032	0.141
Trimethylbenzene	--	--	1.3821	20.14
Total Xylenes	260	260	3.96	4.42

MW-9 (7/1/2014)				6 - 8' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,1,2-Trichloroethane	7.34	1.48	0.0032	0.1

TW-10 (7/27/2004)				7.5 - 8' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

TW-8 (7/27/2004)				14 - 14.5' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,2,4-Trichlorobenzene	98.7	22	0.408	0.4760
Benzene	7.41	1.49	0.0051	0.0716

MW-14 (8/22/2017)				7 - 8' BGS	15 - 16' BGS	25 - 26' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)		
Cis-1,2-Dichloroethene	2040	156	0.0412	<0.0250	<0.0250	<0.0250
Tetrachloroethene	153	30.7	0.0045	<0.0250	<0.0250	<0.0250
1,1,1-Trichloroethane	640	640	0.1402	0.0320 J	<0.0250	<0.0250
Trichloroethene	8.81	1.26	0.0036	<0.0250	<0.0250	<0.0250

TW-6 (7/27/2004)				7 - 8' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
VOCs	Various	Various	Various	All < ROs

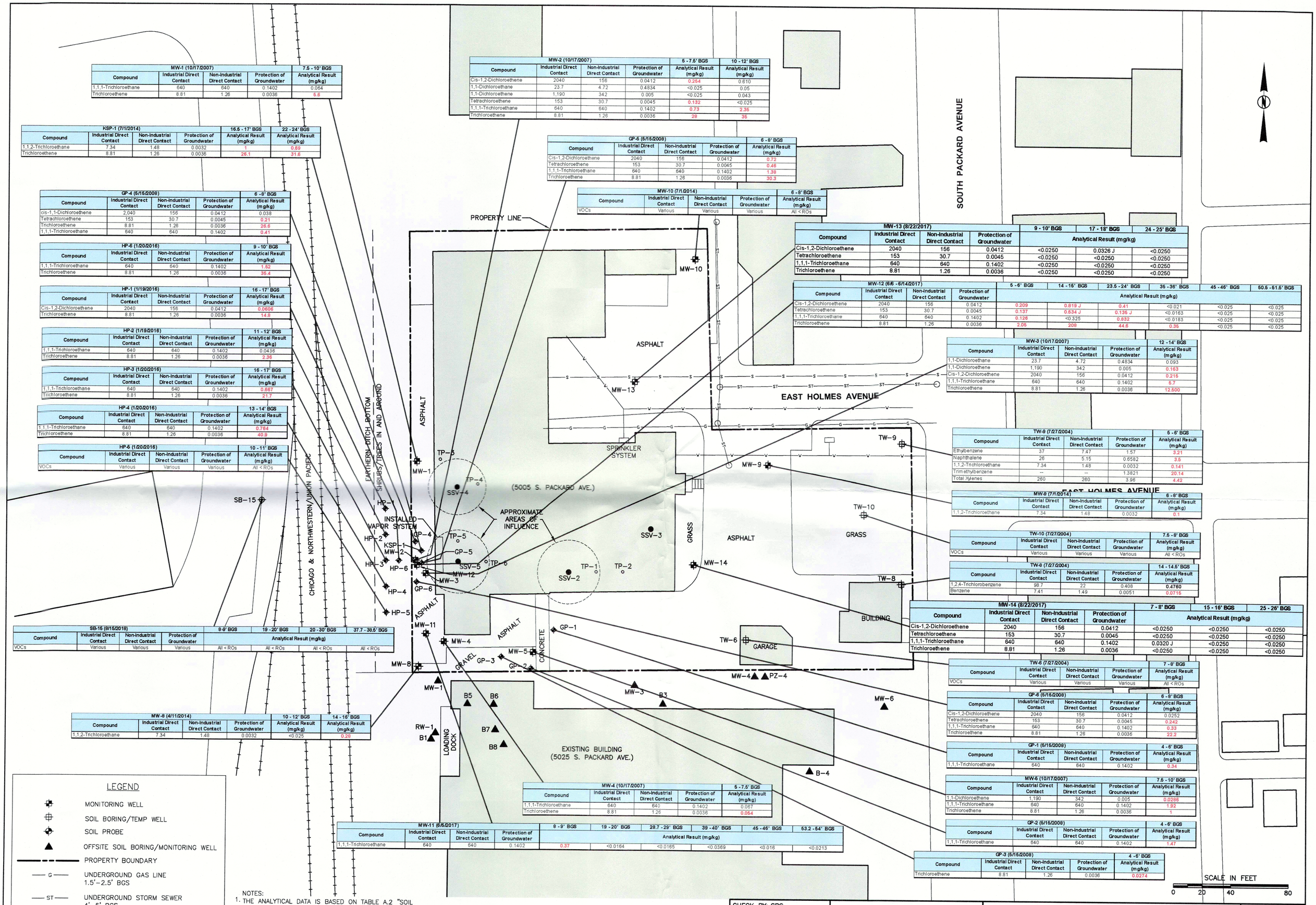
GP-6 (5/15/2008)				6 - 8' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
Cis-1,2-Dichloroethene	2040	156	0.0412	0.0252
Tetrachloroethene	153	30.7	0.0045	0.242
1,1,1-Trichloroethane	640	640	0.1402	0.33
Trichloroethene	8.81	1.26	0.0036	22.2

GP-1 (5/15/2008)				4 - 6' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,1,1-Trichloroethane	640	640	0.1402	0.34

MW-5 (10/17/2007)				7.5 - 10' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,1-Dichloroethene	1,190	342	0.005	0.0286
1,1,1-Trichloroethane	640	640	0.1402	1.92
Trichloroethene	8.81	1.26	0.0036	1

GP-2 (5/15/2008)				4 - 6' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
1,1,1-Trichloroethane	640	640	0.1402	1.47

GP-3 (5/15/2008)				4 -6' BGS
Compound	Industrial Direct Contact	Non-Industrial Direct Contact	Protection of Groundwater	Analytical Result (mg/kg)
Trichloroethene	8.81	1.26	0.0036	0.0274



LEGEND

- MONITORING WELL
- SOIL BORING/TEMP WELL
- SOIL PROBE
- OFFSITE SOIL BORING/MONITORING WELL
- PROPERTY BOUNDARY
- G — UNDERGROUND GAS LINE 1.5'–2.5' BGS
- ST — UNDERGROUND STORM SEWER 4'–6' BGS
- S — UNDERGROUND SANITARY SEWER 8'–10' BGS
- W — UNDERGROUND WATER LINE 5.5'–6.5' BGS

NOTES:
1. THE ANALYTICAL DATA IS BASED ON TABLE A.2 "SOIL ANALYTICAL RESULTS" OF KEY ENGINEERING'S CLOSURE REPORT, DATED MAY 2016
2. THE ANALYTICAL RESULTS PRESENTED INCLUDE: CHLORINATED COMPOUNDS: ALL DETECTED CONCENTRATIONS NON–CHLORINATED COMPOUNDS: COMPOUND EXCEEDING RO's ONLY
3. VALUES IN RED EXCEED ONE OR MORE ROs

CHECK BY:	SRS
DRAWN BY:	OS
DATE:	10–18–18
SCALE:	AS SHOWN
CAD NO.:	15011.01C3
PRJ NO.:	15–15011

ST. JOHN - MITTELHAUSER & ASSOCIATES

SOIL ANALYTICAL RESULTS (DEEP >5' BGS)

SUPERIOR HEALTH LINENS
5005 SOUTH PACKARD AVENUE
CUDAHY, WISCONSIN

FIGURE 5

BRRTS # 02-41-532649 B

MW-12 (6/6/2017)		
Compound	Enforcement Standard	Analytical Result (ug/l) 27 - 28' BGS
Trichloroethene	5	6.36
1,1,1-trichloroethane	200	157
Cis-1,2-Dichloroethene	70	236
1,1-dichloroethane	850	56.7
1,1-dichloroethene	7	<8.4

TW-2 (5 - 15' BGS)		
Compound	Enforcement Standard	Analytical Result (ug/l) 8/12/2004
Bromodichloromethane	0.6	10.6
Chloroform	6	0.57
Cis-1,2-Dichloroethene	70	521
Tetrachloroethane	5	4.66
1,1,1-Trichloroethane	200	290
1,1,2-Trichloroethane	5	3.38
Trichloroethene	5	1,030

PZ-1 (25 - 30')		Analytical Result (ug/l)							
Compound	Enforcement Standard	10/23/2007	12/23/2010	3/17/2011	1/2/2013	6/14/2013	1/15/2014	4/14/2014	7/31/2014
1,1,1-Trichloroethane	200	<5	14.3	13.4	<8.5	9	3.9	21.6	5
1,1-Dichloroethane	850	<5.6	4.9	<9.8	<9.8	10.3	<3	20.6	4.2
Cis-1,2-Dichloroethene	70	<6.8	24.9	32.0	18.5	30.3	32.0	85.5	12.4
Trans-1,2-Dichloroethene	100	<9.5	<13	<7.9	<7.9	<3.5	<3.5	<4.8	0.77
Trichloroethene	5	32	660	720	380	620	390	1,520	317
Vinyl Chloride	0.2	<2	1	<1.8	<1.8	<1.8	<1.8	<3.5	<0.44

MW-10 (4 - 14')		
Compound	Enforcement Standard	Analytical Result (ug/l) 7/31/2014
tert-Butylbenzene	--	All < GROs

TW-16 (5 - 15' BGS)		
Compound	Enforcement Standard	Analytical Result (ug/l) 8/12/2004
VOCs	Various	All < GROs

TW-13 (5 - 15' BGS)		
Compound	Enforcement Standard	Analytical Result (ug/l) 8/12/2004
VOCs	Various	All < GROs

PZ-3 (27.5 - 32.5')		Analytical Result (ug/l)						
Compound	Enforcement Standard	12/23/2010	3/17/2011	1/2/2013	6/14/2013	1/15/2014	4/14/2014	7/31/2014
VOCs	Various	All < GROs	All < GROs	All < GROs	All < GROs	All < GROs	All < GROs	All < GROs

MW-6 (3 - 18')		Analytical Result (ug/l)						
Compound	Enforcement Standard	12/23/2010	3/17/2011	1/2/2013	6/14/2013	1/15/2014	4/14/2014	7/31/2014
1,1,1-Trichloroethane	200	109	131	236	340	231	366	407
1,1,2-Trichloroethane	5	<2.35	<0.47	<0.47	0.56	<3.4	<0.78	<0.31
1,1,-Dichloroethene	7	9.6	27.9	47	49	95	45.3	48.4
1,1-Dichloroethane	850	4.8	18.5	31.3	20.8	<3	16.6	17.7
Cis-1,2-Dichloroethene	70	10.8	49.0	30.2	1.3	<3.8	1.9	1.3
Trans-1,2-Dichloroethene	100	<6.5	2.82	1.69	<0.35	<3.5	<1.2	<0.51
Trichloroethene	5	23.1	1.3	3.2	2.7	<3.3	3.5	2.8
Vinyl Chloride	0.2	<0.95	0.63	0.4	<0.18	3.6	<0.88	<0.35

MW-9 (4 - 14')		
Compound	Enforcement Standard	Analytical Result (ug/l) 7/31/2014
1,1,1-Trichloroethane	200	1.3

TW-9 (5 - 15' BGS)		
Compound	Enforcement Standard	Analytical Result (ug/l) 8/12/2004
Benzene	5	149
1,2-Dichloroethane	5	38.1

TW-10 (5 - 15' BGS)		
Compound	Enforcement Standard	Analytical Result (ug/l) 8/12/2004
Benzene	5	5.16

TW-11 (5 - 15' BGS)		
Compound	Enforcement Standard (ES)	Analytical Result (ug/l) 8/12/2004
VOCs	Various	All < GROs

TW-8 (5 - 15' BGS)		
Compound	Enforcement Standard	Analytical Result (ug/l) 8/12/2004
VOCs	Various	All < GROs

TW-15 (5 - 15' BGS)		
Compound	Enforcement Standard	Analytical Result (ug/l) 8/12/2004
1,1,1-Trichloroethane	200	237
Trichloroethene	5	3.66

TW-7 (5 - 15' BGS)		
Compound	Enforcement Standard	Analytical Result (ug/l) 8/12/2004
VOCs	Various	All < GROs

TW-6 (5 - 15' BGS)		
Compound	Enforcement Standard	Analytical Result (ug/l) 8/12/2004
VOCs	Various	All < GROs

TW-4 (5 - 15' BGS)		
Compound	Enforcement Standard	Analytical Result (ug/l) 8/12/2004
VOCs	Various	All < GROs

MW-1 (5 - 15')		Analytical Result (ug/l)							
Compound	Enforcement Standard	10/23/2007	12/23/2010	3/17/2011	1/2/2013	6/14/2013	1/15/2014	4/14/2014	7/31/2014
1,1,1-Trichloroethane	200	<25	11.7	8.9	9.6	5.7	6.5	5.4	8.5
Cis-1,2-Dichloroethene	70	<34	8.6	7.8	<7.4	4.0	4.9	5.3	8.2
Trichloroethene	5	1,140	790	690	760	670	680	552	740

MW-7 (3 - 13')		Analytical Result (ug/l)						
Compound	Enforcement Standard	12/23/2010	3/17/2011	1/2/2013	6/14/2013	1/15/2014	4/14/2014	7/31/2014
Trichloroethene	5	10	12.1	5	16	2.68	11.5	4.4

TW-1 (5 - 15' BGS)		
Compound	Enforcement Standard	Analytical Result (ug/l) 8/12/2004
Trichloroethene	5	72.2

MW-2 (5 - 15')		Analytical Result (ug/l)							
Compound	Enforcement Standard	10/23/2007	12/23/2010	3/17/2011	1/2/2013	6/14/2013	1/15/2014	4/14/2014	7/31/2014
1,1,1-Trichloroethane	200	1,210	910	680	640	440	450	471	552
1,1,-Dichloroethene	70	<320	<350	<120	<60	<40	140	<41	<82
1,1-Dichloroethane	850	<280	<345	<196	<98	36	<30	45.3	<48.3
Cis-1,2-Dichloroethene	70	1,420	1,300	1,110	1,290	670	1,280	1,040	1,140
Trans-1,2-Dichloroethene	100	<475	<650	<158	<79	<35	42	35	<51.3
Trichloroethene	5	32,000	16,300	14,800	11,200	8,000	12,100	9,880	9,970

HP-1 (10 - 20' BGS)		
Compound	Enforcement Standard	Analytical Result (ug/l) 1/20/2016
Cis-1,2-Dichloroethene	70	10.6
1,1,1-Trichloroethene	200	4.1
Trichloroethene	5	237

MW-3 (5 - 15')		Analytical Result (ug/l)							
Compound	Enforcement Standard	10/23/2007	12/23/2010	3/17/2011	1/2/2013	6/14/2013	1/15/2014	4/14/2014	7/31/2014
1,1,1-Trichloroethane	200	770	640	470	520	430	320	499	582
1,1,-Dichloroethene	70	97	<35	58	<30	22	84	24.7	<51.3
1,1-Dichloroethane	850	74	60	82	78	84	<15	79.8	78
Cis-1,2-Dichloroethene	70	900	1,110	1,280	950	800	830	707	729
Trans-1,2-Dichloroethene	100	<95	<65	50	<39.5	20	21	22	40.9
Trichloroethene	5	6,700	6,000	5,500	6,000	5,000	52,000	6,940	7,610
Vinyl Chloride	0.2	<20	<9.5	<9	<9	<9	18.5	<8.8	<21.9

HP-3 (10 - 20' BGS)		
Compound	Enforcement Standard	Analytical Result (ug/l) 1/20/2016
1,1-Dichloroethane	850	10.8
1,1-Dichloroethene	7	7.1
Cis-1,2-Dichloroethene	70	28.7
1,1,1-Trichloroethane	200	40.7
Trichloroethene	5	1,790

HP-5 (10 - 20' BGS)		
Compound	Enforcement Standard	Analytical Result (ug/l) 1/20/2016
VOCs	Various	All < GROs

MW-11 (6/5/2017)		Analytical Result (ug/l)	
Compound	Enforcement Standard	24-25' BGS	60-61' BGS
Trichloroethene	5	<0.33	<0.33
1,1,1-trichloroethane	200	<0.5	2.2
Cis-1,2-Dichloroethene	70	<0.26	<0.26
1,1-dichloroethane	850	<0.24	<0.24
1,1-dichloroethene	7	<0.41	<0.41

MW-4 (5 - 15')		Analytical Result (ug/l)							
Compound	Enforcement Standard	10/23/2007	12/23/2010	3/17/2011	1/2/2013	6/14/2013	1/15/2014	4/14/2014	7/31/2014
1,1,1-Trichloroethane	200	0.57	3.3	3.3	10.1	10.3	3.5	6.1	15.1
1,1,-Dichloroethene	70	<0.64	<7	<0.6	<0.6	<0.5	0.56	<0.41	<0.41
1,1-Dichloroethane	850	<0.56	<6.9	<0.98	<0.98	0.42	<0.3	0.38	0.79

MW-8 (3 - 18')		Analytical Result (ug/l)	
Compound	Enforcement Standard	4/14/2014	7/31/2014
1,1,1-Trichloroethane	200	37	18.5
1,1-Dichloroethene	850	0.58	1.9
Trichloroethene	5	4.3	2.7

TW-3 (5 - 15' BGS)		
Compound	Enforcement Standard	Analytical Result (ug/l) 8/12/2004
1,1,1-Trichloroethane	200	43.9
Trichloroethene	5	13.5

MW-5 (5 - 15')		Analytical Result (ug/l)							
Compound	Enforcement Standard	10/23/2007	12/23/2010	3/17/2011	1/2/2013	6/14/2013	1/15/2014	4/14/2014	7/31/2014
1,1,1-Trichloroethane	200	209	237	246	304	340	95	312	337
1,1,2-Trichloroethane	5	<2.5	<2.35	<2.35	<4.7	<3.4	<3.4	1.2	<0.78
1,1,-Dichloroethene	7	12.4	5.4	16.4	10.4	6.2	12.3	7.4	7.9
1,1-Dichloroethane	850	<2.8	<3.45	<4.9	<9.8	<3	<3	<0.41	2.7
Trichloroethene	5	31.3	23.1	42.0	43.0	67.0	15.6	46.1	36.1
Trimethylbenzene	480	<1.85	<2.75	<3.7	<7.4	<14	<14	<1.2	2.7

PZ-2 (25.5 - 29.5')		Analytical Result (ug/l)						
Compound	Enforcement Standard	12/23/2010	3/17/2011	1/2/2013	6/14/2013	1/15/2014	4/14/2014	7/31/2014
1,1,1-Trichloroethane	200	<0.53	<0.85	6.1	<0.33	<0.33	<0.50	<0.50
1,1-Dichloroethane	850	<6.9	1.59	1.36	0.60	<3	1.2	1.1
Chloroethane	400	<6.7	<1.4	<1.4	<0.63	<.63	0.40	<0.37
Trichloroethene	5	1.9	0.69	<0.47	<0.33	<0.33	<0.33	<0.33

PROPERTY LINE

ASPHALT

EAST HOLMES AVENUE

SOUTH PACKARD AVENUE

SPRINKLER SYSTEM

(5005 S. PACKARD AVE.)

APPROXIMATE AREAS OF INFLUENCE

INSTALLED VAPOR SYSTEM

EARTHERN DITCH-BOTTOM SURFACE, TREES IN AND AROUND

GRASS

CONCRETE

GRAVEL

BUILDING

GARAGE

LOADING DOCK

EXISTING BUILDING (5025 S. PACKARD AVE.)

MW-1 MW-2 MW-3 MW-4 MW-5 MW-6 MW-7 MW-8 MW-9 MW-10 MW-11 MW-12 MW-13 MW-14 MW-15

TW-1 TW-2 TW-3 TW-4 TW-5 TW-6 TW-7 TW-8 TW-9 TW-10 TW-11 TW-13 TW-15 TW-16

PZ-1 PZ-2 PZ-3 PZ-4

HP-1 HP-3 HP-5

SSV-2 SSV-3 SSV-4 SSV-5

TP-1 TP-2 TP-3 TP-4 TP-5 TP-6

B1 B3 B4 B5 B6 B7 B8 RW-1

LEGEND

- 2" MONITORING WELL
- SOIL BORING/TEMP WELL
- SOIL PROBE
- HAND AUGER
- 1.5" MONITORING WELL
- OFFSITE SOIL BORING/MONITORING WELL
- PROPERTY BOUNDARY
- G — UNDERGROUND GAS LINE 1.5'–2.5' BGS
- ST — UNDERGROUND STORM SEWER 4'–6' BGS
- S — UNDERGROUND SANITARY SEWER 8'–10' BGS
- W — UNDERGROUND WATER LINE 5.5'–6.5' BGS

NOTES:
1. THE ANALYTICAL DATA IS BASED ON TABLE A.1 "GROUNDWATER ANALYTICAL RESULTS" OF KEY ENGINEERING'S CLOSURE REPORT, DATED MAY 2016
2. THE ANALYTICAL RESULTS PRESENTED INCLUDE: CHLORINATED COMPOUNDS: ALL DETECTED CONCENTRATIONS NON-CHLORINATED COMPOUNDS: COMPOUND EXCEEDING RO's ONLY
3. VALUES IN RED EXCEED ONE OR MORE ROs

SCALE IN FEET
0 20 40 80

CHECK BY:	SRS
DRAWN BY:	OS
DATE:	11–16–17
SCALE:	AS SHOWN
CAD NO.:	15011.01C1
PRJ NO.:	15–15011

SM&A
ST. JOHN - MITTELHAUSER & ASSOCIATES

HISTORICAL GROUNDWATER ANALYTICAL RESULTS

SUPERIOR HEALTH LINENS
5005 SOUTH PACKARD AVENUE
CUDAHY, WISCONSIN

FIGURE 6

BRRTS# 02-41-532649 C

MW-7 (3 - 13')		Analytical Result (ug/l)							
Compound	Enforcement Standard (ES)	12/23/2010	3/17/2011	1/2/2013	6/14/2013	1/16/2014	4/14/2014	7/31/2014	8/31/2017
Trichloroethene	5	10	12.1	5	16	2.68	11.6	4.4	3.3
Dissolved Oxygen (mg/l)	--	NA	NA	NA	NA	NA	NA	NA	0.46
Oxidation-Reduction Potential	--	NA	NA	NA	NA	NA	NA	NA	95.2

MW-1 (6 - 16')		Analytical Result (ug/l)								
Compound	Enforcement Standard (ES)	10/23/2007	12/23/2010	3/17/2011	1/2/2013	6/14/2013	1/16/2014	4/14/2014	7/31/2014	8/31/2017
1,1,1-Trichloroethane	200	<25	11.7	8.9	9.6	5.7	6.5	5.4	8.5	11.4
Cis-1,2-Dichloroethene	70	<34	8.6	7.8	<7.4	4.0	4.9	5.3	8.2	11.8
Trichloroethene	5	1,140	790	690	760	670	680	662	740	742
Dissolved Oxygen (mg/l)	--	NA	NA	NA	NA	NA	NA	NA	NA	0.96
Oxidation-Reduction Potential	--	NA	NA	NA	NA	NA	NA	NA	NA	96.2

MW-2 (5 - 15')		Analytical Result (ug/l)							
Compound	Enforcement Standard (ES)	10/23/2007	12/23/2010	3/17/2011	1/2/2013	4/14/2014	7/31/2014	8/31/2017	10/4/2018
1,1,1-Trichloroethane	200	1,210	910	680	640	471	552	623	208
1,1-Dichloroethane	850	<280	<345	<196	<98	45.3	<48.3	89.3	15
1,1-Dichloroethene	70	<320	<350	<120	<60	<41	<82	<82	7.9
Cis-1,2-Dichloroethene	70	1,420	1,300	1,110	1,290	1,040	1,140	843	827
Trans-1,2-Dichloroethene	100	<475	<650	<158	<79	34.9	<51.3	<51.3	13
Trichloroethene	5	32,000	16,300	14,800	11,200	9,880	9,970	13,800	3390
Total Organic Carbon (mg/l)	--	NA	NA	NA	NA	NA	NA	2.3	2.5
Dehalobacter (cells/ml)	--	NA	NA	NA	NA	NA	NA	NA	380
Dissolved Oxygen (mg/l)	--	NA	NA	NA	NA	NA	NA	0.40	1.03
Oxidation-Reduction Potential	--	NA	NA	NA	NA	NA	NA	123.6	-78.5

MW-12 (53 - 58')		Analytical Result (ug/l)	
Compound	Enforcement Standard (ES)	8/31/2017	10/4/2018
Cis-1,2-Dichloroethene	70	0.27	<0.15
Trichloroethene	5	1.6	0.86
Total Organic Carbon	--	NS	2.6
Dehalobacter (cells/ml)	--	NA	23,100
Dissolved Oxygen (mg/l)	--	7.42	1.63
Oxidation-Reduction Potential	--	-77.2	57.3

SB-15 (8/14/2018)		Analytical Result (ug/l)			
Compound	Enforcement Standard (ES)	27 - 28' bgs	30 - 31' bgs	35 - 36' bgs	39 - 40' bgs
VOCs	Various	All < GROs	All < GROs	All < GROs	All < GROs

MW-3 (5 - 15')		Analytical Result (ug/l)							
Compound	Enforcement Standard (ES)	10/23/2007	12/23/2010	3/17/2011	1/2/2013	4/14/2014	7/31/2014	8/31/2017	10/4/2018
1,1,1-Trichloroethane	200	770	640	470	520	499	582	692	444
1,1-Dichloroethane	850	74	60	82	78	79.8	78	88	86
1,1-Dichloroethene	70	97	<35	58	<30	24.7	<51.3	<51.3	24.3
Cis-1,2-Dichloroethene	70	900	1,110	1,280	950	707	729	850	666
Trans-1,2-Dichloroethene	100	<95	<65	50	<39.5	22	40.9	<32.1	28
Trichloroethene	5	6,700	6,000	5,500	6,000	6,940	7,610	9,160	5,010
Vinyl Chloride	0.2	<20	<9.5	<9	<9	<8.8	<21.9	<21.9	<0.092
Total Organic Carbon (mg/l)	--	NA	NA	NA	NA	NA	NA	1.5	1.70
Dehalobacter (cells/ml)	--	NA	NA	NA	NA	NA	NA	NA	<5.4
Dissolved Oxygen (mg/l)	--	NA	NA	NA	NA	NA	NA	0.11	2.04
Oxidation-Reduction Potential	--	NA	NA	NA	NA	NA	NA	104.2	63.6

PZ-1 (25 - 30')		Analytical Result (ug/l)							
Compound	Enforcement Standard (ES)	10/23/2007	12/23/2010	3/17/2011	1/2/2013	4/14/2014	7/31/2014	8/31/2017	10/4/2018
1,1,1-Trichloroethane	200	<5	14.3	13.4	<8.5	21.6	5	28.4	10.7
1,1-Dichloroethane	850	<5.6	4.9	<9.8	<9.8	20.6	4.2	23	9.6
Cis-1,2-Dichloroethene	70	<6.8	24.9	32.0	18.5	85.5	12.4	59.6	32.8
Trans-1,2-Dichloroethene	100	<9.5	<13	<7.9	<7.9	<4.8	0.77	<5.1	1.1
Trichloroethene	5	32	660	720	380	1,520	317	1,610	1,120
Vinyl Chloride	0.2	<2	1	<1.8	<1.8	<3.5	<0.44	<3.5	<0.092
Total Organic Carbon (mg/l)	--	NA	NA	NA	NA	NA	NA	0.84	
Dissolved Oxygen (mg/l)	--	NA	NA	NA	NA	NA	NA	0.07	2.77
Oxidation-Reduction Potential	--	NA	NA	NA	NA	NA	NA	84.7	-66.0

MW-8 (3 - 18')		Analytical Result (ug/l)		
Compound	Enforcement Standard (ES)	4/14/2014	7/31/2014	8/31/2017
1,1,1-Trichloroethane	200	37	18.5	164
1,1-Dichloroethane	850	0.58	1.9	2.8
1,1-Dichloroethene	7	<0.41	<0.41	2.2
Cis-1,2-Dichloroethene	70	<0.26	<0.26	3.8
Trichloroethene	5	4.3	2.7	99
Dissolved Oxygen (mg/l)	--	NA	NA	0.53
Oxidation-Reduction Potential	--	NA	NA	211.3

MW-11 (21.5 - 31.5')		Analytical Result (ug/l)		
Compound	Enforcement Standard (ES)	8/31/2017	8/31/2017 DUP	10/4/2018
1,1-Dichloroethene	850	<GRO	<GRO	0.24
Dissolved Oxygen (mg/l)	--	NA	0.01	0.09
Oxidation-Reduction Potential	--	NA	-3.5	135.7

MW-4 (6 - 16')		Analytical Result (ug/l)								
Compound	Enforcement Standard (ES)	10/23/2007	12/23/2010	3/17/2011	1/2/2013	6/14/2013	1/16/2014	4/14/2014	7/31/2014	8/30/2017
1,1,1-Trichloroethane	200	0.57	3.3	3.3	10.1	10.3	3.5	6.1	15.1	NS
1,1-Dichloroethene	850	<0.56	<6.9	<0.98	<0.98	0.42	<0.3	0.38	0.79	NS
1,1-Dichloroethene	70	<0.64	<7	<0.6	<0.6	<0.5	0.56	<0.41	<0.41	NS
Dissolved Oxygen (mg/l)	--	NA	NA	NA	NA	NA	NA	NA	NA	NS
Oxidation-Reduction Potential	--	NA	NA	NA	NA	NA	NA	NA	NA	NS

MW-10 (4 - 14')		Analytical Result (ug/l)	
Compound	Enforcement Standard (ES)	7/31/2014	8/30/2017
VOCs	Various	All < GROs	All <GROs
Dissolved Oxygen (mg/l)	--	NA	0.10
Oxidation-Reduction Potential	--	NA	-89.1

PZ-3 (27.5 - 32.5')		Analytical Result (ug/l)							
Compound	Enforcement Standard (ES)	12/23/2010	3/17/2011	1/2/2013	6/14/2013	1/16/2014	4/14/2014	7/31/2014	8/30/2017
VOCs	Various	All < GROs	All < GROs	All < GROs	All < GROs	All < GROs	All < GROs	All < GROs	All < GROs
Dissolved Oxygen (mg/l)	--	NA	NA	NA	NA	NA	NA	NA	0.14
Oxidation-Reduction Potential	--	NA	NA	NA	NA	NA	NA	NA	-0.3

MW-13 (19 - 24')		Analytical Result (ug/l)	
Compound	Enforcement Standard (ES)	8/30/2017	10/4/2018
1,1,1-Trichloroethane	200	<0.50	<0.14
1,1-Dichloroethane	850	16.8	14.9
1,1-Dichloroethene	7	2.5	2.4
Cis-1,2-Dichloroethene	70	121	119
Trans-1,2-Dichloroethene	100	16.5	18.9
Trichloroethene	5	9.1	12.0
Vinyl Chloride	0.2	0.7	0.47
Total Organic Carbon	--	NS	1.0
Dehalococcoides (cells/ml)	--	NA	10.5
Dehalobacter (cells/ml)	--	NA	663
Dissolved Oxygen (mg/l)	--	0.05	0.12
Oxidation-Reduction Potential	--	-46.4	-49.9

MW-6 (3 - 18')		Analytical Result (ug/l)							
Compound	Enforcement Standard (ES)	12/23/2010	3/17/2011	1/2/2013	6/14/2013	1/15/2014	4/14/2014	7/31/2014	8/30/2017
1,1,1-Trichloroethane	200	109	131	236	340	231	366	407	374
1,1,2-Trichloroethane	5	<2.35	<0.47	<0.47	0.56	<3.4	<0.78	<0.31	<0.39
1,1-Dichloroethene	850	4.8	18.5	31.3	20.8	<3	16.6	17.7	21.2
1,1-Dichloroethene	7	9.6	27.9	47	49	56	46.3	48.4	49.1
Cis-1,2-Dichloroethene	70	10.8	49.0	30.2	1.3	<3.8	1.9	1.3	1.1
Trans-1,2-Dichloroethene	100	<6.5	2.82	1.69	<0.35	<3.5	<1.2	<0.51	<0.51
Trichloroethene	5	23.1	1.3	3.2	2.7	<3.3	3.5	2.8	3.4
Vinyl Chloride	0.2	<0.95	0.83	0.4	<0.18	3.8	<0.88	<0.35	<0.35
Dissolved Oxygen (mg/l)	--	NA	NA	NA	NA	NA	NA	NA	0.61
Oxidation-Reduction Potential	--	NA	NA	NA	NA	NA	NA	NA	127.2

MW-9 (4 - 14')		Analytical Result (ug/l)	
Compound	Enforcement Standard (ES)	7/31/2014	8/30/2017
1,1-Dichloroethene	850	<0.24	1.3
1,1,1-Trichloroethane	200	1.3	6.7
Dissolved Oxygen (mg/l)	--	NA	0.22
Oxidation-Reduction Potential	--	NA	108.2

MW-14 (21 - 26')		Analytical Result (ug/l)
Compound	Enforcement Standard (ES)	8/30/2017
VOCs	Various	All < GROs
Dissolved Oxygen (mg/l)	--	0.02
Oxidation-Reduction Potential	--	-56.1

PZ-2 (25.5 - 29.5')		Analytical Result (ug/l)						
Compound	Enforcement Standard (ES)	12/23/2010	3/17/2011	1/2/2013	6/14/2013	1/15/2014	4/14/2014	7/31/2014	8/31/2017
1,1,1-Trichloroethane	200	<0.53	<0.85	6.1	<0.33	<0.33	<0.50	<0.50	<0.50
1,1-Dichloroethane	850	<6.9	1.59	1.36	0.60	<3	1.2	1.1	0.69
Chloroethane	400	<6.7	<1.4	<1.4	<0.63	<.63	0.40	<0.37	<0.37
Trichloroethene	5	1.9	0.69	<0.47	<0.33	<0.33	<0.33	<0.33	<0.33
Dissolved Oxygen (mg/l)	--	NA	NA	NA	NA	NA	NA	NA	0.02
Oxidation-Reduction Potential	--	NA	NA	NA	NA	NA	NA	NA	-22

MW-5 (5 - 16')		Analytical Result (ug/l)								
Compound	Enforcement Standard (ES)	10/23/2007	12/23/2010	3/17/2011	1/2/2013	6/14/2013	1/16/2014	4/14/2014	7/31/2014	8/31/2017
1,1,1-Trichloroethane	200	209	237	246	304	340	98	312	337	117
1,1,2-Trichloroethane	5	<2.5	<2.35	<2.35	<4.7	<3.4	<3.4	1.2	<0.78	<0.2
1,1-Dichloroethene	850	<2.8	<3.45	<4.9	<9.8	<3	<3	<0.41	2.7	9.9
1,1-Dichloroethene	7	12.4	5.4	16.4	10.4	6.2	12.3	7.4	7.9	3.8
Trichloroethene	5	31.3	23.1	42.0	43.0	67.0	16.6	46.1	36.1	11.5
Trimethylbenzene	480	<1.85	<2.75	<3.7	<7.4	<14	<14	<1.2	2.7	NA
Dissolved Oxygen (mg/l)	--	NA	NA	NA	NA	NA	NA	NA	NA	0.10
Oxidation-Reduction Potential	--	NA	NA	NA	NA	NA	NA	NA	NA	-26.1

LEGEND

- MONITORING WELL
- SOIL BORING/TEMP WELL
- SOIL PROBE
- HAND AUGER
- PIEZOMETER
- OFFSITE SOIL BORING/MONITORING WELL
- PROPERTY BOUNDARY
- —— G —— UNDERGROUND GAS LINE 1.5'–2.5' BGS
- —— ST —— UNDERGROUND STORM SEWER 4'–6' BGS
- —— S —— UNDERGROUND SANITARY SEWER 8'–10' BGS
- —— W —— UNDERGROUND WATER LINE 5.5'–6.5' BGS

NOTES:
1. THE ANALYTICAL RESULTS PRESENTED INCLUDE:
   CHLORINATED COMPOUNDS: ALL DETECTED CONCENTRATIONS
   NON–CHLORINATED COMPOUNDS: COMPOUND EXCEEDING RO's ONLY
2. VALUES IN RED EXCEED ONE OR MORE ROs

SCALE IN FEET
0 20 40 80

CHECK BY:	SRS
DRAWN BY:	OS
DATE:	10–18–18
SCALE:	AS SHOWN
CAD NO.:	15011.01C5[2]
PRJ NO.:	15–15011

ST. JOHN - MITTELHAUSER & ASSOCIATES

RECENT AND HISTORICAL GROUNDWATER ANALYTICAL RESULTS

SUPERIOR HEALTH LINENS
5005 SOUTH PACKARD AVENUE
CUDAHY, WISCONSIN

FIGURE 17

BRRTS # 02-41-532649 D