



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor  
Darrell Bazzell, Secretary  
Gloria L. McCutcheon, Regional Director

Southeast Region Annex  
4041 North Richards Street  
PO Box 12436  
Milwaukee, Wisconsin 53212-0436  
Telephone 414-229-0800  
FAX 414-229-0810

December 6, 2001

Mr. Ralph Dottai  
Bethlehem Lutheran Church  
1121 Georgia Avenue  
Sheboygan, WI 53081

Subject: Case closure of the former Excelsior Laundry site at 1113 Georgia Avenue., Sheboygan, WI **WDNR FID#460042220 BRRTS #0360000671** (1-4,000 gallon fuel oil tank, 1-1,000 gallon gasoline tank) **BRRTS activity #0260000097** (2-1,000 gallon mineral spirits tanks, 1-200 gallon chlorinated solvent tank) and Voluntary Party Liability Exemption certificate status **BRRTS#0660200038**

Dear Mr. Dottai:

On July 13, 2000, Mr. Pat Klages of the Department of Natural Resources (the Department) issued you a letter conditionally closing the above-referenced activities at the former Excelsior Laundry site located at 1113 Georgia Avenue, Sheboygan. Groundwater monitoring well abandonment forms and copies of the recorded deed restrictions for the 1113 Georgia Avenue property and the neighboring property at 1414 S. 11<sup>th</sup> Street have been received by the Department, fulfilling the conditions of site closure under NR 726.05, Wis. Adm. Code. This site has been entered as closed on the Department's tracking system. Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

Your site will be listed on the Department's Remediation and Redevelopment Geographic Information System (GIS) Registry of Closed Remediation Sites. Information that was submitted with your closure request will be included on the Registry. To review the sites on the GIS Registry web page, visit <http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm>.

State Statute 101.143 requires that PECFA claimants seeking reimbursement of interest costs, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

As indicated in previous correspondence, in order to satisfy the requirements for the VPLE program's Certificate of Completion for sites using natural attenuation as a final remedy, you must apply for and purchase environmental insurance. The VPLE Environmental Insurance application is enclosed for your use. Once we receive notification that all requirements have

been met, the Department will issue a Certificate of Completion pursuant to s. 292.15(2)(ae)(3), Wis. Stats.

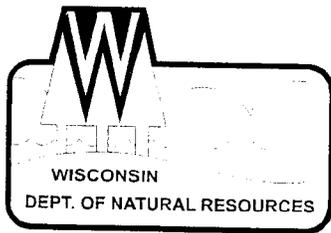
Please contact me at (414) 229-0874 if you have any questions or comments. Thank you for the actions you have taken to restore the environment at the former Excelsior Laundry site.

Sincerely,

A handwritten signature in cursive script that reads "Nancy D. Ryan".

Nancy D. Ryan, Hydrogeologist  
Remediation and Redevelopment

Cc: SER site file  
Peter Pittner, Miller Engineering  
Enclosure



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
George E. Meyer, Secretary  
Gloria L. McCutcheon, Regional Director

Southeast Regional Headquarters  
2300 N. Dr. ML King Drive, PO Box 12436  
Milwaukee, Wisconsin 53212-0436  
Telephone 414-263-8500  
FAX 414-263-8483  
TDD 414-263-8713

July 13, 2000

Mr. Ralph Dottai  
Bethlehem Lutheran Church  
1121 Georgia Avenue  
Sheboygan, WI 53081

Subject: Case closure and Voluntary Party Liability Exemption Program status for former Excelsior Laundry and Dry Cleaning Property, located at 1113 Georgia Avenue, Sheboygan, WI.

Dear Mr. Dottai:

At the request of your environmental consultant, Miller Engineers Scientists (Miller), we have reviewed the referenced case file for closure. Miller has requested closure of this site under the natural attenuation regulations. The WDNR agrees that this site may be conditionally closed under natural attenuation regulations provided the following conditions are met and maintained:

- 1) A groundwater use restriction must be placed on the property deed at the county register of deeds office for both the former Excelsior Laundry Property and the existing residence at 1414 S. 11<sup>th</sup> Street. The groundwater use restriction must specify the legal description of the properties, the location, type and concentration of the contaminants and includes the following language:

"Natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch. NR 140 groundwater standards within the boundaries of this property. construction of wells where the water quality exceeds the drinking water standards in ch. NR 809 is restricted by chs. NR 811 and 812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply. Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater to determine what specific requirements are applicable prior to constructing or reconstructing a well on this property."

- 2) Within sixty days, all of the groundwater monitoring wells at the site must be abandoned in accordance with ch. NR 141 and the completed abandonment forms must be submitted to the department.

As a participant in the Voluntary Party Liability Exemption Program you have completed the investigation at the above referenced site. The remedial action chosen for the site is natural attenuation which at this time is not an acceptable method of remediation under the current Act 453 and therefore, we can not issue a Certificate of Completion at this time. However, in the near future natural attenuation will become an acceptable remedial action. At this time the rule process has not been developed but is expected to be completed within a year. At this time you have two options:

- 1) you may wait for the rule process to be completed or
- 2) continue to monitor the groundwater wells until the contamination levels drop below the enforcement standards.

This case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from this site poses a threat to public health, safety or welfare or the environment.

If you have any questions about this letter please call me at (414) 229-0847.

Sincerely,



Pat Klages  
Hydrogeologist

cc: Miller Engineers Scientists  
SED Case File

GROUNDWATER USE RESTRICTIONS

Declaration of Restrictions

In Re: Lots One (1), Two (2), and Three (3), Block One (1), Assessment Subdivision Number Nineteen (19), in the City of Sheboygan, according to the recorded plat thereof.

Property Address: 1113 Georgia Avenue  
Sheboygan, Wisconsin

VOL 1890 PAGE 925

1613953

SHEBOYGAN COUNTY, WI  
RECORDED ON

10-22-2001 3:22 PM

DARLENE J. NAVIS  
REGISTER OF DEEDS

RECORDING FEE: 17.00  
TRANSFER FEE:

067800 7

Return to:

Fale, Fale & Hemsing  
1526 S. 12<sup>th</sup> Street  
Sheboygan, WI 53081

STATE OF WISCONSIN )  
 ) ss.  
COUNTY OF SHEBOYGAN )

Parcel Identification Number

WHEREAS, Bethlehem Evangelical Lutheran Church-Missouri Synod is the owner of the above-described property.

WHEREAS, one or more hydrocarbon discharges have occurred on this property. Hydrocarbon contaminated groundwater above ch. NR 140, Wis. Adm. Code enforcement standards existed on this property at the following location(s) on the following date(s): Monitoring Well-2 (MW2) with 9.2 parts per billion (ppb) Benzene on July 29, 1999. Location of the sampling points is provided on Figure 4 attached and made part of this restriction.

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct further groundwater or soil remediation activities on the property at the present time.

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater contamination exceeding ch. NR 140, Wis. Adm. Code groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality does not comply with drinking water standards in ch. NR 809, Wis. Adm. Code is restricted by chs. NR 811 and NR 812, Wis. Adm. Code. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater, or its successor agency, to determine what specific requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed on this property unless applicable requirements are met.

If construction is proposed on this property that will require dewatering, or if groundwater is to be otherwise extracted from this property, while this groundwater use restriction is in effect, the groundwater shall be sampled and analyzed for contaminants that were previously detected on the property and any extracted groundwater shall be managed in compliance with applicable statutes and rules.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction benefits and is enforceable by the Wisconsin Department of Natural Resources, its successors or assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

By signing this document, each of the undersigned asserts that he/she is duly authorized to sign this document on behalf of Bethlehem Evangelical Lutheran Church-Missouri Synod.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this day of October, 2001.

BETHLEHEM EVANGELICAL LUTHERAN CHURCH-MISSOURI SYNOD

By:   
 Tim A. Grasse Executive Director

Attest:   
 Donald Braatz Assistant Executive Director





*Offsite property*

GROUNDWATER USE RESTRICTIONS

Declaration of Restrictions

In Re: Lot Fourteen (14), Block One (1), Assessment  
Subdivision #19, in the City of Sheboygan.

Property Address: 1414 South 11<sup>th</sup> Street  
Sheboygan, Wisconsin

VOL 1890 PAGE 922  
1613952

SHEBOYGAN COUNTY, WI  
RECORDED ON

10-22-2001 3:20 PM

DARLENE J. NAVIS  
REGISTER OF DEEDS

RECORDING FEE: 15.00  
TRANSFER FEE:

067799 7

Return to:

Fale, Fale & Hemsing  
1526 S. 12<sup>th</sup> Street  
Sheboygan, WI 53081

STATE OF WISCONSIN )  
 ) ss.  
COUNTY OF SHEBOYGAN )

Parcel Identification Number

WHEREAS, Vernon L. Jacket and Mary Ann Jacket are the owners of the above-described property.

WHEREAS, one or more hydrocarbon discharges have occurred on this property. Hydrocarbon contaminated groundwater above ch. NR 140, Wis. Adm. Code enforcement standards existed on this property at the following location(s) on the following date(s): Monitoring Well-3 (MW3) with 70 ppb cis-1,2-Dichloroethene on January 13, 2000 and Monitoring Well-6 (MW6) with 41 ppb Benzene on January 13, 2000. Location of the sampling points is provided on Figure 4 attached and made part of this restriction.

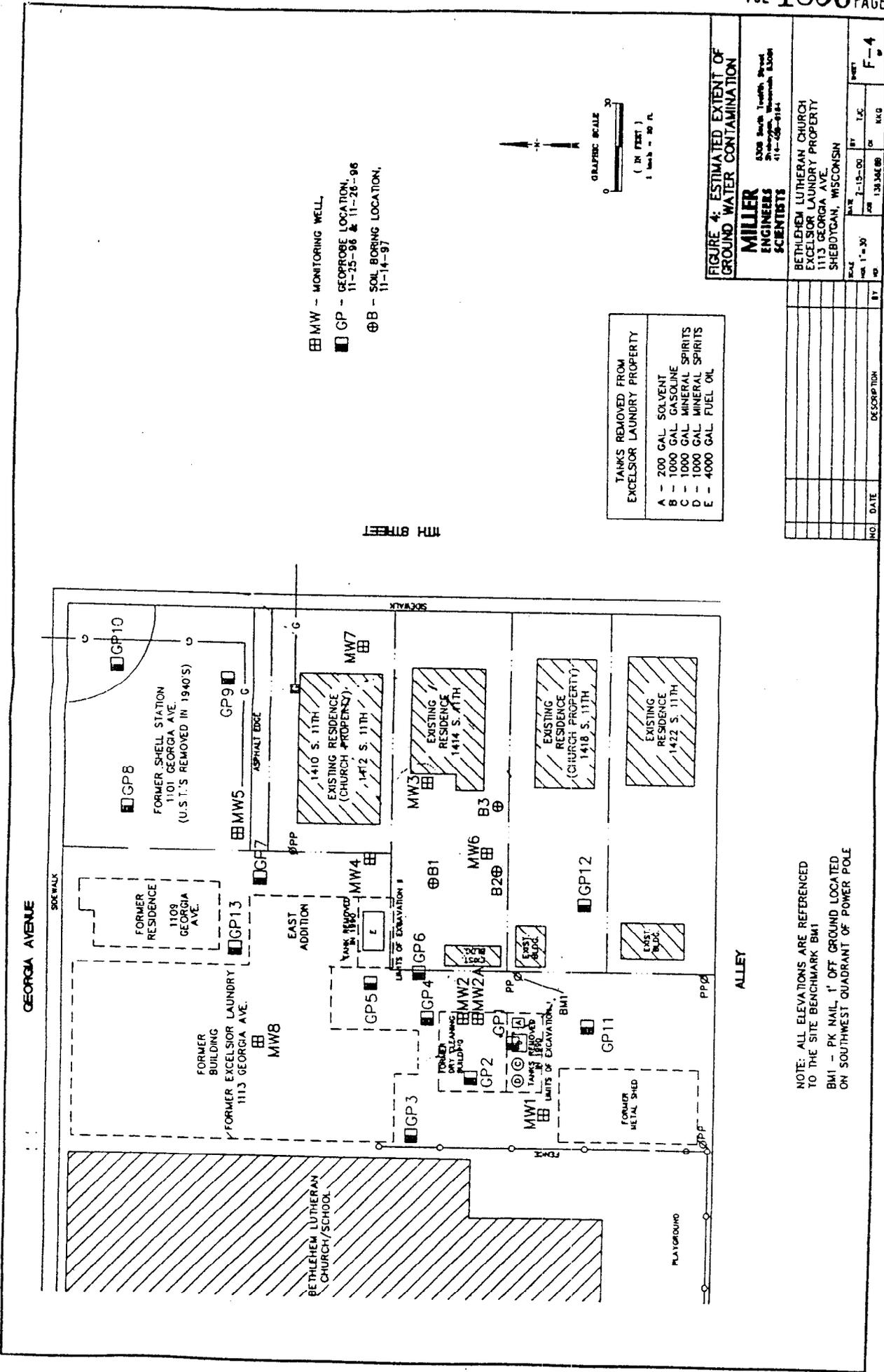
WHEREAS, it is the desire and intention of the property owners to impose on the property restrictions which will make it unnecessary to conduct further groundwater or soil remediation activities on the property at the present time.

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater contamination exceeding ch. NR 140, Wis. Adm. Code groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality does not comply with drinking water standards in ch. NR 809, Wis. Adm. Code is restricted by chs. NR 811 and NR 812, Wis. Adm. Code. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

NOW THEREFORE, the owners hereby declare that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:





NOTE: ALL ELEVATIONS ARE REFERENCED TO THE SITE BENCHMARK BM1  
BM1 - PK NAIL, 1' OFF GROUND LOCATED ON SOUTHWEST QUADRANT OF POWER POLE

QUIT CLAIM DEED

SHEBOYGAN COUNTY, WI  
RECORDED ON  
1998-02-12 03:36 PM  
DARLENE J. NAVIS  
REGISTER OF DEEDS  
Rec. Fee: 10.00  
Tran. Fee: 0.00  
004144 0006

THIS INSTRUMENT, Made this 3rd day of February, A.D., 1998 between the City of Sheboygan, a municipal corporation, duly organized and existing under and by virtue of the laws of the state of Wisconsin, located at Sheboygan, Wisconsin, party of the first part, and Bethlehem Evangelical Lutheran Church-Missouri Synod, Sheboygan, Wisconsin, a Wisconsin religious corporation, party of the second part.

Witnesseth, That the said party of the first part, for and in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration to it in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, has given, granted, bargained, sold, remised, released and quit-claimed, and by these presents does give, grant, bargain, sell, remise, release and quit-claim unto the said party of the second part, and to its heirs and assigns forever, the following described real estate, situated in the County of Sheboygan, State of Wisconsin, to-wit:

RETURN TO:

FFH

1113 GEORGIA AVE.

307000/307010/307020  
Parcel Ident. No.

Lots One (1), Two (2), and Three (3), Block One (1), Assessment Subdivision Number Nineteen (19), in the City of Sheboygan, according to the recorded plat thereof.

Old laundry property acq. from City :

FEE  
# 77.25(2)  
EXEMPT

To Have and to Hold the same, together with all and singular the appurtenances and privileges thereunto belonging or in any wise thereunto appertaining, and all the estate, right, title, interest and claim whatsoever of the said party of the first part, either in law or equity, either in possession, or expectancy of, to the only proper use, benefit and behoof of the said party of the second part, its heirs and assigns FOREVER.

In Witness Whereof, the said party of the first part has hereunto set its hand and seal this 3rd day of February, A.D., 1998.

SIGNED AND SEALED IN THE PRESENCE OF

CITY OF SHEBOYGAN  
Corporate Name

James R. Schramm  
James R. Schramm Mayor

COUNTERSIGNED:

Patricia Lohse  
Patricia Lohse City Clerk

State of Wisconsin )  
                          ) SS.  
Sheboygan County    )

Personally came before me, this 3rd day of February, A.D., 1998, James R. Schramm, Mayor, and Patricia Lohse, City Clerk of the above-named municipal corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such Mayor and City Clerk of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of said Corporation by its authority.

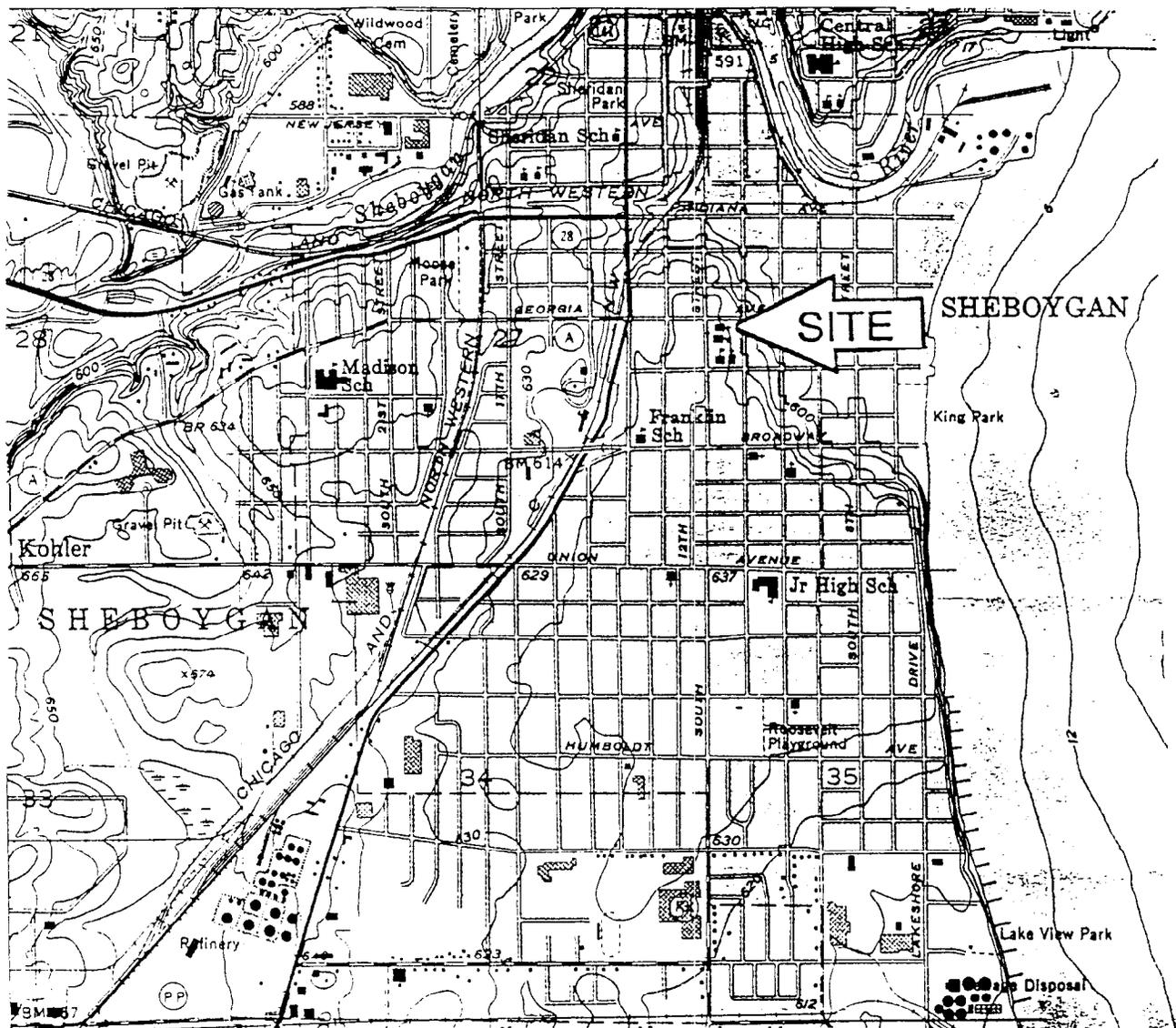
NOTARY SEAL

Stephen G. McLean  
Notary Public, Sheboygan County, WI  
My commission expires 11/15/98

THIS INSTRUMENT WAS DRAFTED BY  
Stephen G. McLean  
WI State Bar No. 01011662

1418 S. 11th St.: Lot Thirteen (13), Block One (1), Assessment Subdivision Number Nineteen (19), in the City of Sheboygan, according to the recorded plat thereof.

1410/1412 S. 11th St. : Lot Fifteen (15), Block One (1), Assessment Subdivision Number Nineteen (19), in the City of Sheboygan, according to the recorded plat thereof.



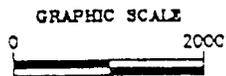
SHEBOYGAN SOUTH, WIS.

NW/4 SHEBOYGAN SOUTH 15' QUADRANGLE

N4337.5--W8737.5/7.5

1954

PHOTOREVISED 1973



( IN FEET )  
1 inch = 2000 ft.



QUADRANGLE LOCATION

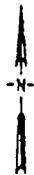
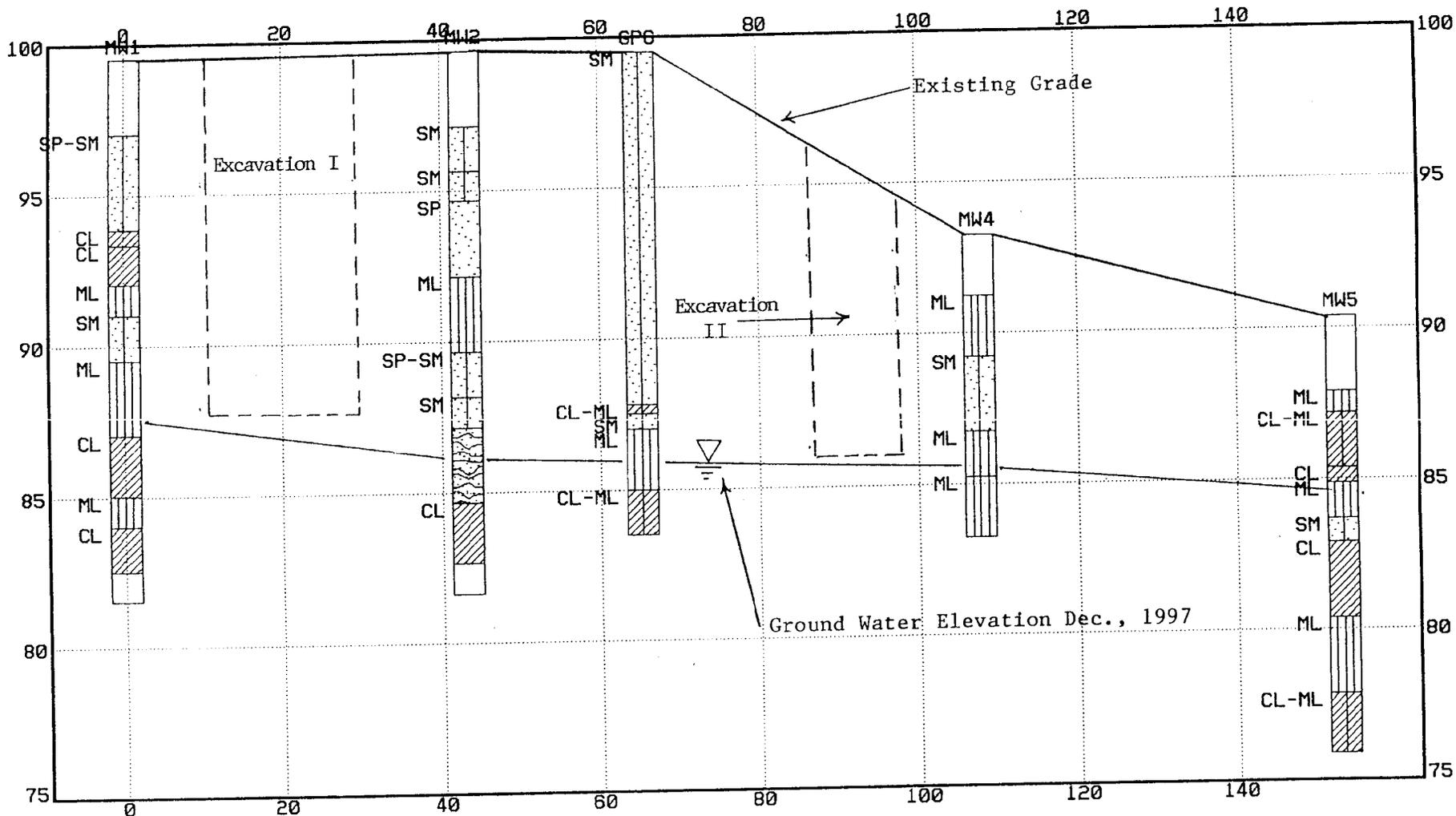


Figure 1: SITE LOCATION MAP	DATE 11/19/96	BY KKT	CLIENT: BETHLEHEM LUTHERAN
	JOB. NO. 13636E	CK	JOB: LOCATION: EXCELSIOR LAUNDRY 1113 GEORGIA AVE., SHEBOYGAN, WI
			F-1

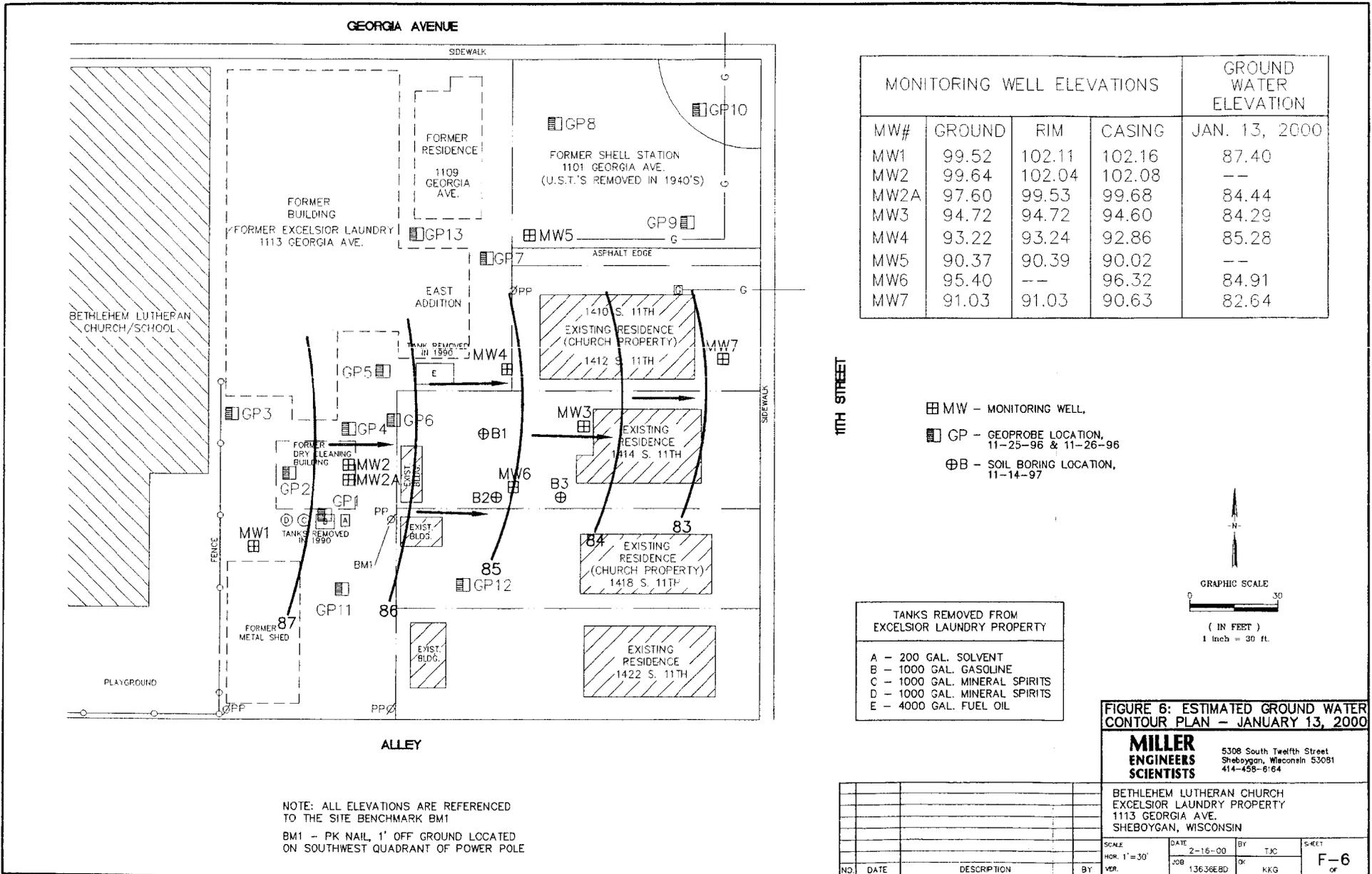


DISTANCE (FEET)  
**SOIL SECTION A-A'**

Boring	North(ft)	East(ft)	Elev.(ft)
GP6	5048.0	5031.0	99.5
MW1	5003.0	4984.0	99.5
MW2	5032.0	5016.0	99.6
MW4	5065.0	5070.0	93.2
MW5	5110.0	5077.0	90.4

**MILLER**  
 ENGINEERS  
 SCIENTISTS  
 Sheboygan, Wisconsin

CLIENT: Bethlehem Church	
JOB: Excelsior Laundry	
LOC: Sheboygan, WI	
PROJECT #	DATE
13636E	DEC 18 97
FIGURE	
3	



NOTE: ALL ELEVATIONS ARE REFERENCED TO THE SITE BENCHMARK BM1

BM1 - PK NAIL, 1' OFF GROUND LOCATED ON SOUTHWEST QUADRANT OF POWER POLE

MONITORING WELL ELEVATIONS				GROUND WATER ELEVATION
MW#	GROUND	RIM	CASING	JAN. 13, 2000
MW1	99.52	102.11	102.16	87.40
MW2	99.64	102.04	102.08	--
MW2A	97.60	99.53	99.68	84.44
MW3	94.72	94.72	94.60	84.29
MW4	93.22	93.24	92.86	85.28
MW5	90.37	90.39	90.02	--
MW6	95.40	--	96.32	84.91
MW7	91.03	91.03	90.63	82.64

- ⊞ MW - MONITORING WELL,
- ▣ GP - GEOPROBE LOCATION, 11-25-96 & 11-26-96
- ⊕ B - SOIL BORING LOCATION, 11-14-97

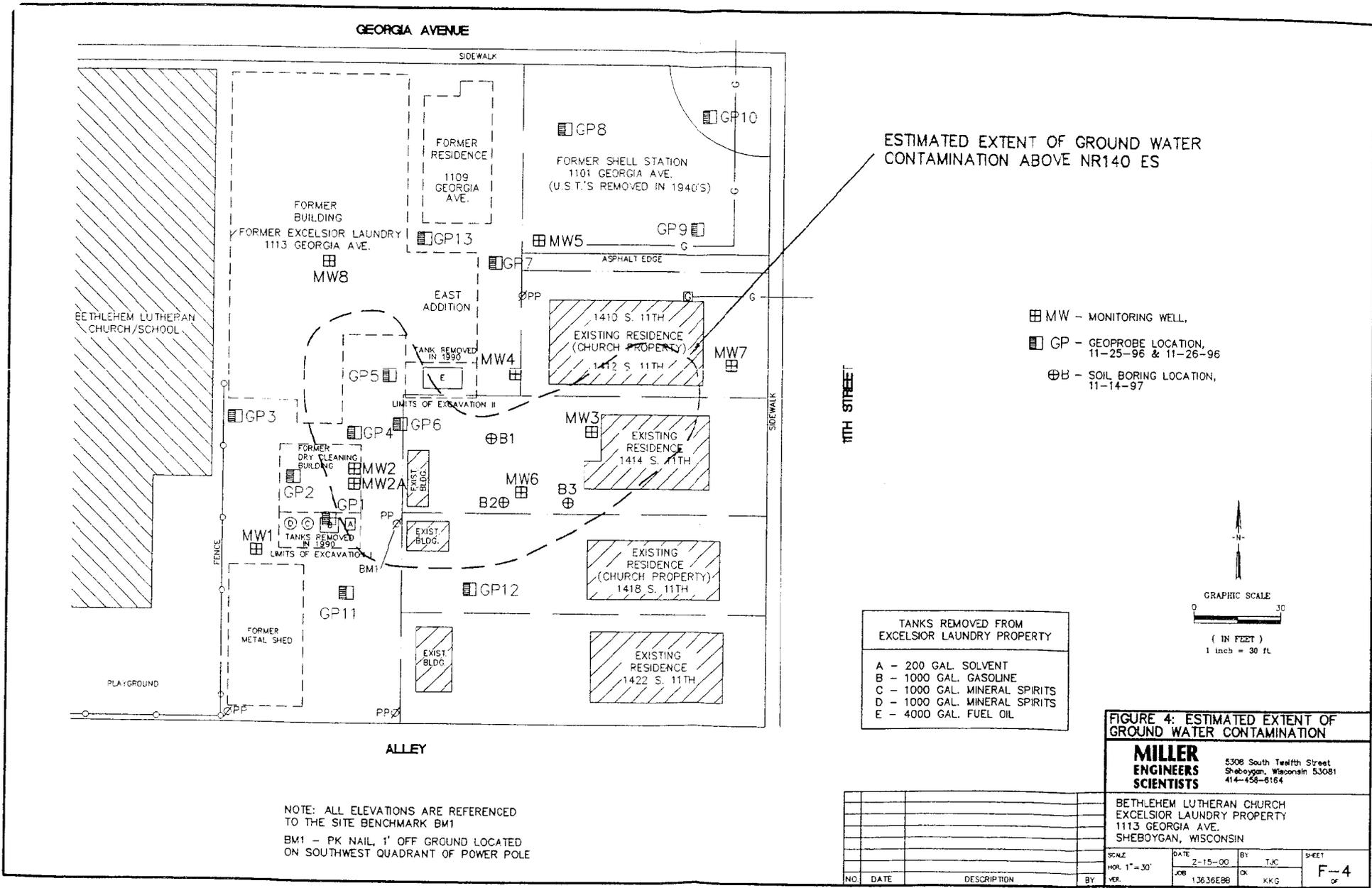
- TANKS REMOVED FROM EXCELSIOR LAUNDRY PROPERTY
- A - 200 GAL. SOLVENT
  - B - 1000 GAL. GASOLINE
  - C - 1000 GAL. MINERAL SPIRITS
  - D - 1000 GAL. MINERAL SPIRITS
  - E - 4000 GAL. FUEL OIL

FIGURE 6: ESTIMATED GROUND WATER CONTOUR PLAN - JANUARY 13, 2000

**MILLER ENGINEERS SCIENTISTS**  
 5308 South Twelfth Street  
 Sheboygan, Wisconsin 53081  
 414-458-6164

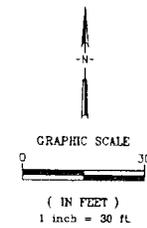
BETHLEHEM LUTHERAN CHURCH  
 EXCELSIOR LAUNDRY PROPERTY  
 1113 GEORGIA AVE.  
 SHEBOYGAN, WISCONSIN

NO.	DATE	DESCRIPTION	BY	SCALE	DATE	BY	TJC	SHEET
				HOR. 1" = 30'	2-16-00			F-6
				VER.	13636E8D	OK	KKG	OF



ESTIMATED EXTENT OF GROUND WATER CONTAMINATION ABOVE NR140 ES

- ⊞ MW - MONITORING WELL,
- ⊞ GP - GEOPROBE LOCATION, 11-25-96 & 11-26-96
- ⊕ B - SOIL BORING LOCATION, 11-14-97



TANKS REMOVED FROM EXCELSIOR LAUNDRY PROPERTY	
A	- 200 GAL. SOLVENT
B	- 1000 GAL. GASOLINE
C	- 1000 GAL. MINERAL SPIRITS
D	- 1000 GAL. MINERAL SPIRITS
E	- 4000 GAL. FUEL OIL

FIGURE 4: ESTIMATED EXTENT OF GROUND WATER CONTAMINATION

**MILLER ENGINEERS SCIENTISTS**  
 5308 South Twelfth Street  
 Sheboygan, Wisconsin 53081  
 414-458-8164

BETHLEHEM LUTHERAN CHURCH  
 EXCELSIOR LAUNDRY PROPERTY  
 1113 GEORGIA AVE.  
 SHEBOYGAN, WISCONSIN

NOTE: ALL ELEVATIONS ARE REFERENCED TO THE SITE BENCHMARK 'BM'  
 BM1 - PK NAIL, 1' OFF GROUND LOCATED ON SOUTHWEST QUADRANT OF POWER POLE

NO.	DATE	DESCRIPTION	BY	SCALE	DATE	BY	SHEET
				HOR. 1" = 30'	2-15-00	TJC	F-4 OF
				VER.	JOB 13636E86	OK KKG	

TABLE 4  
 Historic Ground Water Test Results (ppb)

Bethlehem Church/Excelsior Laundry  
 Sheboygan, Wisconsin  
 Project # 13636E

MW1																	
Date	Benzene	Butyl- benzenes	cis-1,2-Di- chloroethene	1,2-Dichloro- propane	Ethyl- benzene	Naph- thalene	PCE	Toluene	TCE	Trimethyl benzenes	Xylenes	Total VOC	Dissolved Iron(mg/L)	Dissolved Manganese(mg/L)	Nitrate/ Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Methane(mg/L)
20-Nov-97	<0.12	<0.48>	<0.34	<0.11	<0.10	<0.23	<0.13	<0.12	<0.11	<0.21	<0.72	<1.01>	--	--	--	--	--
14-May-98	<0.12	0.74	<0.34	<0.11	<0.10	<0.23	<0.15>	<0.12	<0.11	1.0	<0.72	6.0	--	--	--	--	--
14-Jan-99	<1.40	<3.70	<2.0	<1.9	<1.3	<7.9	<1.3	<2.4	<2.0	<2.7	<3.3	<3.2>	0.014	--	0.042	87	--
21-Apr-99	<0.56	<3.96	<0.66	<1.9	<1.2	<1.1	<1.2	<0.82	<0.58	<1.5	<3.6	<1.7>	--	--	--	--	--
29-Jul-99	<0.12	<0.43	<0.23	<0.10	<0.13	<1.1	<0.34>	<0.11	<0.25	<0.38	<0.56>	<0.56>	0.013	0.21	0.33	82	<0.001
12-Oct-99	<0.11	<0.77	<0.22>	<0.18	<0.24	<0.23	<0.25	<0.16	<b>0.58</b>	<0.50	<0.47	0.58	0.030	0.310	--	--	--
13-Jan-00	<0.24	15.6	<0.27	<0.28	<0.26	1.6	<0.25	<0.24	<0.23	5.6	<0.47	24.2	--	--	--	--	--

MW2																	
Date	Benzene	Butyl- benzenes	cis-1,2-Di- chloroethene	1,2-Dichloro- propane	Ethyl- benzene	Naph- thalene	PCE	Toluene	TCE	Trimethyl benzenes	Xylenes	Total VOC	Dissolved Iron(mg/L)	Dissolved Manganese(mg/L)	Nitrate/ Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Methane(mg/L)
20-Nov-97	<b>1.1</b>	2.2	<b>17</b>	<b>1.8</b>	4.0	<0.47	<0.26	<0.55>	<0.21	10.7	<3.22>	48	--	--	--	--	--
14-May-98	<b>12</b>	28	<13>	<2.3	<b>58</b>	<b>18</b>	<2.6	<4.5>	<2.1	<b>399</b>	113	742	--	--	--	--	--
14-Jan-99	<3.6	36	<11>	<4.8	<b>38</b>	<20	<3.3	<5.9	<5.0	<b>410</b>	<b>78</b>	646	1.9	--	0.038	83	--
21-Apr-99	<6.3>	41	<9.2>	<25	<b>23</b>	<9.8>	<25	<25	<25	<b>282</b>	<39>	470	--	--	--	--	--
29-Jul-99	9.3	<16.5>	<12>	<2.1	40	<b>13</b>	<2.5	<3.8>	<2.2	<b>336</b>	<b>81</b>	575	6.8	0.21	<0.03	64	1.4
12-Oct-99	Not Sampled due to broken well																
13-Jan-00	Not Sampled due to broken well																

MW2A																	
Date	Benzene	Butyl- benzenes	cis-1,2-Di- chloroethene	1,2-Dichloro- propane	Ethyl- benzene	Naph- thalene	PCE	Toluene	TCE	Trimethyl benzenes	Xylenes	Total VOC	Dissolved Iron(mg/L)	Dissolved Manganese(mg/L)	Nitrate/ Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Methane(mg/L)
14-Jan-99	<0.10>	1.36	<0.10>	<0.096	0.53	<0.39	<0.066	<0.21>	<0.099	5.5	2.55	12.2	--	--	--	--	--
21-Apr-99	<0.11	<0.77	<0.13	<0.18	<0.24	<0.23	<0.25	0.68	<0.12	<0.65>	<0.71	1.7	--	--	--	--	--
29-Jul-99	<0.12	<0.41>	<0.23	<0.20>	<0.22>	<0.16>	<0.11	<0.25	<0.11	<0.66>	<0.38	2.8	0.46	0.027	--	--	--
12-Oct-99	<0.11	<0.77	<0.13	<0.18	<0.24	<0.23	<0.25	<0.42>	<0.12	<0.50	<0.47	<LOD	--	--	--	--	--
13-Jan-00	<0.24	<0.90	<0.27	<0.28	<0.26	<0.27	<0.25	<0.24	<0.23	<0.54	<0.97	<LOD	--	--	--	--	--

MW3																	
Date	Benzene	Butyl- benzenes	cis-1,2-Di- chloroethene	1,2-Dichloro- propane	Ethyl- benzene	Naph- thalene	PCE	Toluene	TCE	Trimethyl benzenes	Xylenes	Total VOC	Dissolved Iron(mg/L)	Dissolved Manganese(mg/L)	Nitrate/ Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Methane(mg/L)
20-Nov-97	<b>2.3</b>	1.4	<b>31</b>	<b>3.2</b>	7.1	2.6	<0.26	4.2	<0.21	54	21.4	136.6	--	--	--	--	--
14-May-98	<0.58>	<0.99	<b>29</b>	<b>3.1</b>	1.6	4.0	<0.26	<0.73>	<0.21	29	12.5	84	--	--	--	--	--
14-Jan-99	<b>1.2</b>	1.91	<b>27</b>	<b>2.8</b>	5.1	3.5	<0.066	1.8	<0.099	71	19	140	--	--	--	--	--
21-Apr-99	<b>3.1</b>	<3.84	<b>79</b>	<b>5.1</b>	8.9	<2.9>	<1.20	<0.82	<0.58	68	26	204	--	--	--	--	--
29-Jul-99	8.0	16.15	<b>110</b>	<b>4.8</b>	31	<b>12</b>	<0.23	8.8	<0.22	<b>215</b>	<b>77.8</b>	518	2.2	0.07	--	--	--
12-Oct-99	5.5	16	<b>84</b>	<5.6>	24	<7.9>	<3.1	7.4	<1.5	<b>178</b>	<b>58</b>	373	1.2	0.064	--	--	--
13-Jan-00	<3.7>	<9.0	70	<2.8	13	<b>11</b>	<2.5	<2.6>	<2.3	<b>156</b>	<9.7	250	--	--	--	--	--

MW4																	
Date	Benzene	Butyl- benzenes	cis-1,2-Di- chloroethene	1,2-Dichloro- propane	Ethyl- benzene	Naph- thalene	PCE	Toluene	TCE	Trimethyl benzenes	Xylenes	Total VOC	Dissolved Iron(mg/L)	Dissolved Manganese(mg/L)	Nitrate/ Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Methane(mg/L)
20-Nov-97	<2.3	18	<7.5>	<2.3	22	18	<2.6	<2.9>	<2.1	<b>362</b>	59.1	478.4	--	--	--	--	--
14-May-98	<0.58	10.28	<2.2>	<0.80>	2.6	<2.9>	<0.66	<0.66>	<0.54	93	<7.7>	137	--	--	--	--	--
14-Jan-99	Not Sampled																
21-Apr-99	<0.12	<0.77>	2.1	<0.3>	0.5	1.7	<0.11	0.48	<0.12>	3.0	<b>1.86</b>	14.2	--	--	--	--	--
29-Jul-99	<b>3.5</b>	<0.84	2.3	<0.29>	<0.29>	<0.34>	<0.23	<0.45>	<0.11	3.1	<0.61	11.4	--	--	--	--	--
12-Oct-99	<b>1.2</b>	<0.77	2.7	<0.31>	<0.24	<0.23	<0.25	<0.26>	<0.12	1.5	<0.47	5.4	--	--	--	--	--
13-Jan-00	<0.24	12.2	4.3	<0.28	<0.36>	2.2	<0.25	<0.24	<0.23	12.4	<0.9>	24.1	--	--	--	--	--

Table 4: Historic Ground Water Results (Cont'd)

														MW5										
Date	Benzene	Butyl-benzenes	cis-1,2-Di-chloroethene	1,2-Dichloro-propane	Ethyl-benzene	Naph-thalene	PCE	Toluene	TCE	Trimethyl benzenes	Xylenes	Total VOC	Dissolved Iron(mg/L)	Dissolved Manganese(mg/L)	Nitrate/Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Methane(mg/L)							
20-Nov-97	<0.12	<0.49	<0.34	<0.16>	<0.10	<0.23	<0.13	<0.12	<0.11	<0.19>	<0.72	<0.35>	--	--	--	--	--							
14-May-98	<0.12	<0.49	1.7	<b>0.52</b>	<0.10	<0.23	<0.13	<0.14>	<0.11	<0.14>	<0.72	2.5	--	--	--	--	--							
14-Jan-99	<0.071	<0.086	1.6	<b>0.66</b>	<0.066	<0.39	<0.066	<0.17>	<0.099	<0.133	<0.17	2.4	0.0098	--	0.038	76	--							
21-Apr-99	<0.11	<0.77	<0.3>	<0.18	<0.24	<0.24	<0.25	<0.16	<0.13	<0.5	<0.69	0.3	--	--	--	--	--							
29-Jul-99	<0.12	<0.42	<0.43>	<0.32>	<0.13	<0.16	<0.11	<0.11	<0.11	<0.22>	<1.1>	1.1	0.46	0.10	--	--	--							
12-Oct-99	<0.11	0.77	0.77	<0.44>	<0.24	<0.23	<0.25	<0.16	<0.12	<0.50	<0.97	1.54	0.31	0.075	--	--	--							
13-Jan-00	Net Sampled																							
														MW6										
Date	Benzene	Butyl-benzenes	cis-1,2-Di-chloroethene	1,2-Dichloro-propane	Ethyl-benzene	Naph-thalene	PCE	Toluene	TCE	Trimethyl benzenes	Xylenes	Total VOC	Dissolved Iron(mg/L)	Dissolved Manganese(mg/L)	Nitrate/Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Methane(mg/L)							
14-Jan-99	54	<0.43	17	<0.48	77	<6.6>	<0.33	14	<0.50	86	<b>169</b>	459	--	--	--	--	--							
21-Apr-99	9	4.2	<b>13</b>	<b>2.1</b>	11	1.3	<0.25	2.0	<0.22	10.1	9.6	68.4	--	--	--	--	--							
29-Jul-99	20	<0.37>	<b>8.2</b>	<0.21	22	1.7	<0.23	4.7	<0.22	10.7	37.7	89.3	--	--	--	--	1.500							
12-Oct-99	40	3.3	<b>13</b>	<0.36	100	4.9	<0.50	11	<0.23	41	<b>200</b>	413.2	0.017	0.0033	--	--	--							
13-Jan-00	41	<2.8>	<b>15</b>	<1.4	54	5.1	<1.2	8.5	<1.1	27	95	252	--	--	--	--	--							
														MW7										
Date	Benzene	Butyl-benzenes	cis-1,2-Di-chloroethene	1,2-Dichloro-propane	Ethyl-benzene	Naph-thalene	PCE	Toluene	TCE	Trimethyl benzenes	Xylenes	Total VOC	Dissolved Iron(mg/L)	Dissolved Manganese(mg/L)	Nitrate/Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Methane(mg/L)							
14-Jan-99	<0.10>	<0.086	<b>14</b>	<b>0.70</b>	<0.066	<0.39	<0.066	<0.12	<0.099	<0.10>	<0.17	15	0.054	--	0.062	<b>18</b>	--							
21-Apr-99	<0.26>	<0.77>	<b>11</b>	<0.58>	<0.25	<0.23	<0.25	<0.16	<0.12	<0.50	<0.69	11.8	--	--	--	--	--							
29-Jul-99	<0.12	<0.42	2.3	<0.16>	<0.13	<0.18	<0.11	<0.11	<0.11	<0.16>	<0.38	2.6	0.0061	0.018	0.90	53	<0.001							
12-Oct-99	<0.33>	<77	<b>17</b>	<b>1.0</b>	<0.24	<0.23	<0.25	<0.16	<0.12	<0.50	<0.47	<b>18</b>	<b>0.081</b>	0.260	0.22	69	<0.001							
13-Jan-00	<0.24	<0.90	<b>17</b>	<0.51>	<0.38	<0.27	<0.25	<0.24	<0.23	<0.54	<0.97	17	--	--	--	--	--							
														MW8										
Date	Benzene	Butyl-benzenes	cis-1,2-Di-chloroethene	1,2-Dichloro-propane	Ethyl-benzene	Naph-thalene	PCE	Toluene	TCE	Trimethyl benzenes	Xylenes	Total VOC	Dissolved Iron(mg/L)	Dissolved Manganese(mg/L)	Nitrate/Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Methane(mg/L)							
14-Jan-99	<0.071	<0.086	1.3	<0.096	1.1	<0.55>	<0.066	<0.20>	<0.099	21	0.53	43	0.077	--	<0.031	22	--							
21-Apr-99	<0.12	11.56	<b>7.1</b>	<0.10	6.4	4.0	<b>3.0</b>	<b>0.88</b>	<b>2.4</b>	<b>103</b>	13.2	176.7	--	--	--	--	--							
29-Jul-99	Net Sampled																							
12-Oct-99	<5.6	43	<6.6	<9.0	<12	<13>	<12	<8.2	<5.8	<b>467</b>	<24	510	1.9	0.390	<0.047>	67	0.630							
13-Jan-00	<2.4	51	<5.7>	<2.8	<6.3>	<b>11</b>	<2.5	<2.4	<2.3	<b>243</b>	<9.7	348	--	--	--	--	--							

Exceeds NR140 Ground Water Enforcement Standard  
 Exceeds NR140 Ground Water Preventive Action Limit

NR 140 Ground Water Standard (ppb)	Benzene	cis-1,2-Di-chloroethene	1,2-Dichloro-propane	Ethyl-benzene	Naphthalene	Tetrachloro-ethene(PCE)	Toluene	Trichloro-ethene(TCE)	Trimethyl-benzenes	Total Xylenes
Enforcement Standard	5	70	5	700	40	5	343	5	480	620
Preventive Action Limit	0.5	7	0.5	140	8	0.5	68.6	0.5	96	124

\*Free product in sample; result not accurate.  
 -- = Not Sampled  
 < = Below the method Level of Detection (LOD)  
 <> = Above the LOD but below the Level of Quantitation (LOQ)

**TABLE 1**  
*Soil Analytic Test Results (November 1996)*

Bethlehem Church  
 Excelsior Laundry  
 Job Number: 13636E

Analyte (ppb)	Bethlehem Church Excelsior Laundry Job Number: 13636E														NR 720 Soil Standards
	GP1-4A	GP1-4B	GP2-4A	GP3-3A	GP4-4A	GP5-4	GP6-3B	GP7-3	GP8-2A	GP9-3A	GP10-2A	GP11-3	GP12-3A	GP13-2B	
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5
n-Butylbenzene	4900	ND	10000	4400	720	ND	48000	ND	ND	ND	ND	ND	ND	ND	--
sec-Butylbenzene	2700	ND	5600	2400	420	ND	26000	ND	ND	ND	ND	ND	ND	ND	--
Ethylbenzene	1100	ND	1500	ND	150	ND	6100	ND	ND	ND	ND	ND	ND	ND	2900
Isopropylbenzene	1400	ND	2300	ND	210	ND	11000	ND	ND	ND	ND	ND	ND	ND	--
p-Isopropyltoluene	3200	ND	6300	2300	520	ND	27000	ND	ND	ND	ND	ND	ND	ND	--
MTBE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
Naphthalene	1700	ND	1700	280	140	ND	8600	ND	ND	ND	ND	ND	ND	ND	--
n-Propylbenzene	3400	ND	7200	3000	550	ND	38000	ND	ND	ND	ND	ND	ND	ND	1500
Toluene	ND	ND	210	ND	ND	65	ND	38	ND	ND	ND	ND	ND	ND	--
1,2,4-Trimethylbenzene	30000	ND	61000	22000	5100	180	300000	ND	ND	ND	ND	ND	ND	ND	--
1,3,5-Trimethylbenzene	10000	ND	18000	6400	1700	78	83000	ND	ND	ND	ND	ND	ND	ND	4100
Xylenes	3600	ND	5490	240	430	36	24600	ND	ND	ND	ND	ND	ND	ND	--
Total VOC	62000	ND	119300	41020	9940	359	572300	38	ND	ND	ND	ND	ND	ND	--
DRO (ppm)	---	---	---	---	---	10	---	ND	---	---	---	---	---	---	100
GRO (ppm)	---	ND	---	---	---	---	9600	---	ND	---	---	---	---	---	---
Depth (ft.)	12 to 14	14 to 16	12 to 14	8 to 10	12 to 14	12 to 14	10 to 12	8 to 12	4 to 6	8 to 10	4 to 6	8 to 12	8 to 10	6 to 8	

\* = Exceeds NR 720 Soil Standards

--- = Not Analyzed

VOC = Volatile Organic Compounds (EPA Method 8020)

DRO = Diesel Range Organics (WI Method)

GRO = Gasoline Range Organics (WI Method)

**TABLE 3**  
**Soil Analytic Test Results (November 1997)**

Bethlehem Church  
 Excelsior Laundry  
 Job Number: 13636E

Analyte (ppb)	Bethlehem Church Excelsior Laundry Job Number: 13636E											NR 720 Soil
	B1-4	B2-3	B3-3	MW1-4	MW2-2	MW2-4A	MW3-4	MW4-2	MW4-4	MW5-2B	MW5-3	Standards
Benzene	<11>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5
n-Butylbenzene	39	7,800	ND	ND	ND	ND	ND	6,400	ND	ND	ND	--
sec-Butylbenzene	80	4,600	ND	ND	ND	1,200	ND	4,200	ND	ND	ND	--
Chloromethane	ND	ND	ND	<18>	ND	ND	ND	ND	<13>	ND	ND	
cis-1,2-Dichloroethene	59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,900
Ethylbenzene	92	ND	ND	ND	ND	590	ND	ND	ND	ND	ND	--
Isopropylbenzene	90	3,700	ND	ND	ND	1,300	ND	ND	ND	ND	ND	--
p-Isopropyltoluene	57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Methylene Chloride	ND	ND	<9.9>	ND	ND	ND	ND	ND	ND	ND	ND	--
Naphthalene	220	ND	ND	ND	ND	<890>	ND	<1,700>	ND	ND	ND	--
n-Propylbenzene	160	3,800	ND	ND	ND	1,300	ND	3,600	ND	ND	ND	1,500
Toluene	<17>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Trichloroethene	<14>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
1,2,4-Trimethylbenzene	1,500	14,000	<9.4>	ND	270	5,800	<22>	24,000	<17>	ND	ND	--
1,3,5-Trimethylbenzene	480	ND	ND	ND	ND	2,400	<8.9>	14,000	ND	ND	ND	--
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4,100
Xylenes	284	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
Total VOC	3,103	33,900	<19.3>	<18>	270	13,480	<30.9>	53,900	<30>	ND	ND	
Total Lead (ppm)	ND	<2.4>	—	—	ND	ND	—	ND	—	—	—	50
DRO (ppm)	—	—	—	—	—	—	—	<b>3400</b>	ND	—	—	100
Depth (ft)	8-10	6-8	6-8	10-12	5-7	10-11	8-10	4-6	8-10	6-7	7.5-9.5	

**BOLD** = Exceeds NR 720 Soil Standards

<> = Present in sample above the Level of Detection (LOD) but below the Level of Quantification (LOQ)

— = Not Analyzed

VOC = Volatile Organic Compounds (EPA Method 8260)

DRO = Diesel Range Organics (WI Method)

**TABLE 5**  
**Soil Analytic Test Results (December 1998)**

Bethlehem Church  
Excelsior Laundry  
Job Number: 13636E

<u>Analyte (ug/kg)</u>	<u>MW2A-2</u>	<u>MW2A-4</u>	<u>MW7-3</u>	<u>MW8-2</u>	<u>NR 720 Soil Standards</u>
Benzene	<170>	<6.0	<6.0	<6.0	5.5
n-Butylbenzene	32,000	55	<11	<11	--
sec-Butylbenzene	15,000	<26>	<14	<14	--
tert-Butylbenzene	20,000	<34>	<15	<15	--
Ethylbenzene	5,900	18	<15>	<15>	2,900
Isopropylbenzene	15,000	57	<14	<14	--
p-Isopropyltoluene	10,000	<14	<14	<14	--
MTBE	<170	<8.6	<8.6	<8.6	--
Naphthalene	2,500	59	<12	<12	--
n-Propylbenzene	19,000	<22	<14	<14	--
Toluene	<290	<14	<14	<14	1,500
1,2,4-Trimethylbenzene	34,000	54	<14	<14	--
1,3,5-Trimethylbenzene	14,000	<16>	<14	<20>	--
Xylenes	25,200	<59	<59	<59	4,100
Total VOC	192,770	327	<LOQ>	<LOQ>	--
GRO (mg/kg)	2100	4.3	<0.91	<1.1>	100
Depth (ft)	22.5	28.5	10	12.5	

**Note: NR720 Soil Standards apply only to samples above the high water table (10 ft. depth)**

< = Not present in sample above the method Level of Detection (LOD).

<> = Present in sample above the LOD but below the Level of Certain Quantitation (LOQ).

VOC = Volatile Organic Compounds (EPA Method 8260)

GRO = Gasoline Range Organics (WI Modified Method)

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