CARLSON ENVIRONMENTAL, INC.

0000007

March 15, 1999

PN 9786C

EPA Region 5 Records Ctr.
235052

Mr. Marc Cummings, Project Manager
State Remediation Program
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, Illinois 62702

Reference: **DRAFT Subsurface Soil and Ground Water Investigation Results**
The Company Lockformer
711 Ogden Avenue
Lisle, Illinois

Dear Marc:

Pursuant to our recent phone conversation and on behalf of The Lockformer Company, please find enclosed two copies of the following information in **DRAFT** form:

- Table summaries for all analytical laboratory data which has been conducted at the site thus far (Table 6 - soil and Table 7 - ground water).

- Figures (14A-14H) showing soil contamination above the most stringent Tier 1 Objectives (migration to ground water objective) and Figure 15 showing ground water contamination above Tier 1, Class I Objectives. Please note, Figures 14A-14H show soil contamination at various depth intervals and is indicated by a red color.

The information to be discussed at the 1:00 pm, March 18th, 1999 meeting at Lockformer will include but may not be limited to the possibility of eliminating the migration to ground water exposure route and hence, the ingestion of ground water route. Currently, CEI is researching whether the Village of Lisle allows the installation of potable wells via an ordinance or otherwise and whether any homes in the vicinity of the Lockformer property (2,500 feet) are currently utilizing ground water for drinking water purposes. At this time, according to Village of Lisle representatives, a majority of Lisle residents are connected to Lake Michigan water. However, a small percentage still use on-site wells.

If the migration to ground water / ground water ingestion exposure routes can be eliminated, the next stringent Tier 1 Objectives would apply (i.e., inhalation/ ingestion objectives). These objectives are also supplied on Table 6. Figures 16A-16C show the extent of soil contamination from 0 to 15 feet below grade surface above these objectives. Once again, the red color designates soil contamination at that location with the given depth interval.

At this time, this information is only in a **DRAFT** form. However, a DRM-2 form will be given to you on Thursday, the day of the Lockformer meeting.

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CARLSON ENVIRONMENTAL, INC.

In the meantime, if you have any questions or would like additional information, please feel free to contact me at (312) 456-4872.

Sincerely,

CARLSON ENVIRONMENTAL, INC.

Lisa Meagher

Lisa Meagher, P.G.
Senior Project Manager

cc: Rian Scheel, Lockformer
Dan Biederman, Chuhak & Tecson (cover only)

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DRAFT Figures

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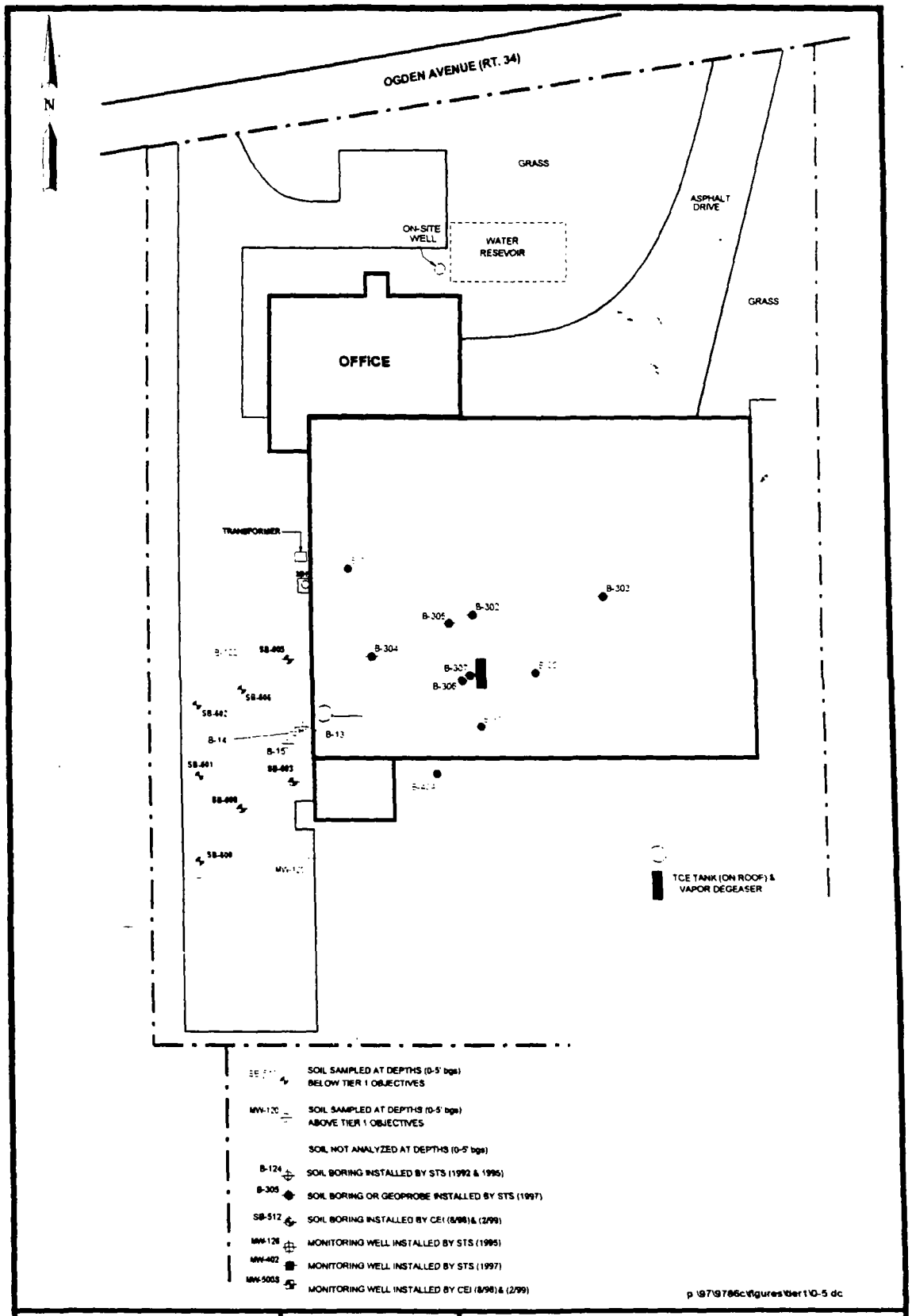


CARLSON ENVIRONMENTAL, INC.

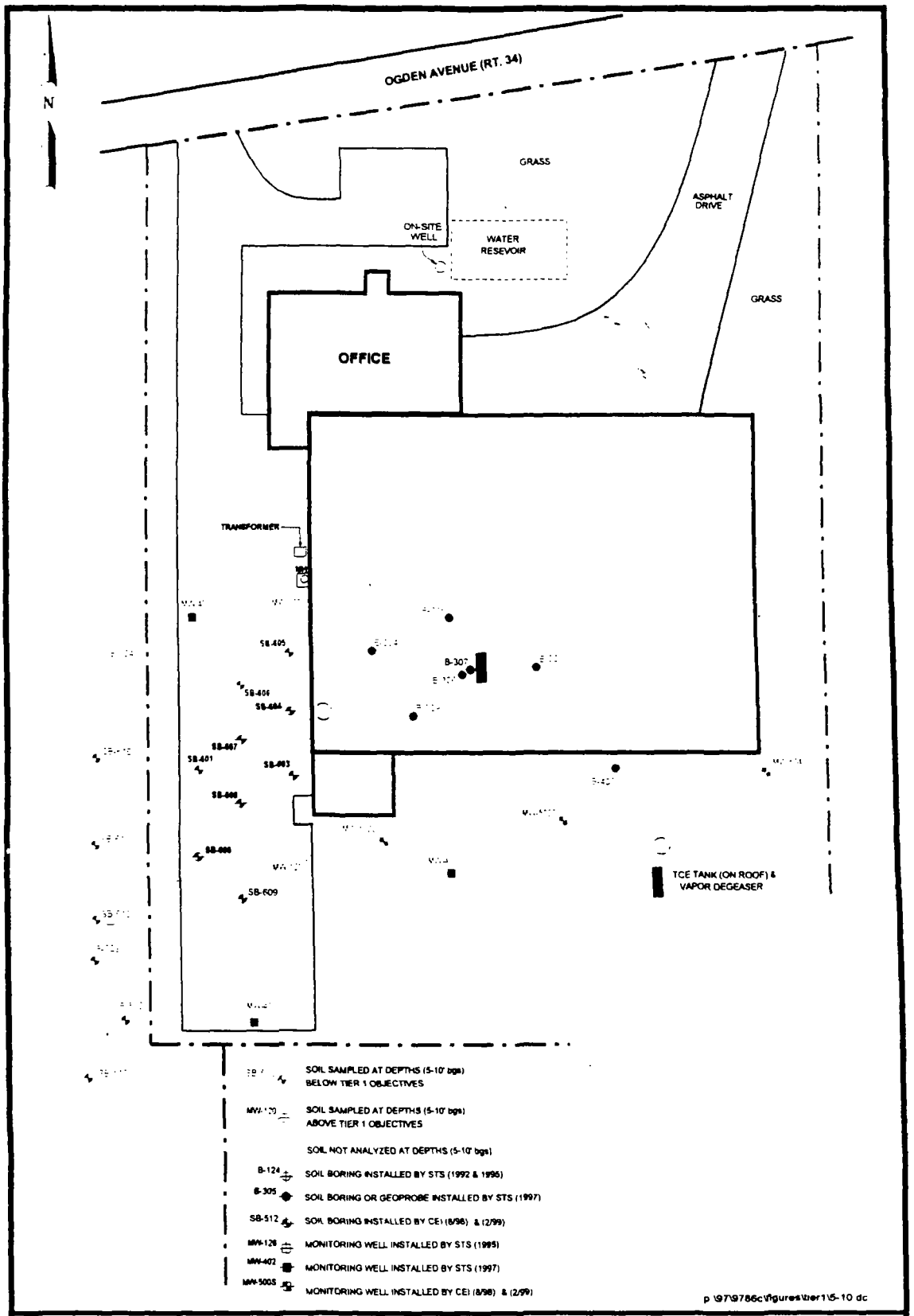
65 EAST WACKER PLACE
CHICAGO, ILLINOIS 60601
(312) 346-2140

SCALE IN FEET
0 60

SOIL CONTAMINATION (0-5' DEPTH INTERVAL)

711 OGDEN AVENUE
LISLE, ILLINOIS

DRAWN LPM	CHKD	SCALE 1" = 60'	FIGURE: 14A
DATE 02/23/99	DATE	PN# 9786C	



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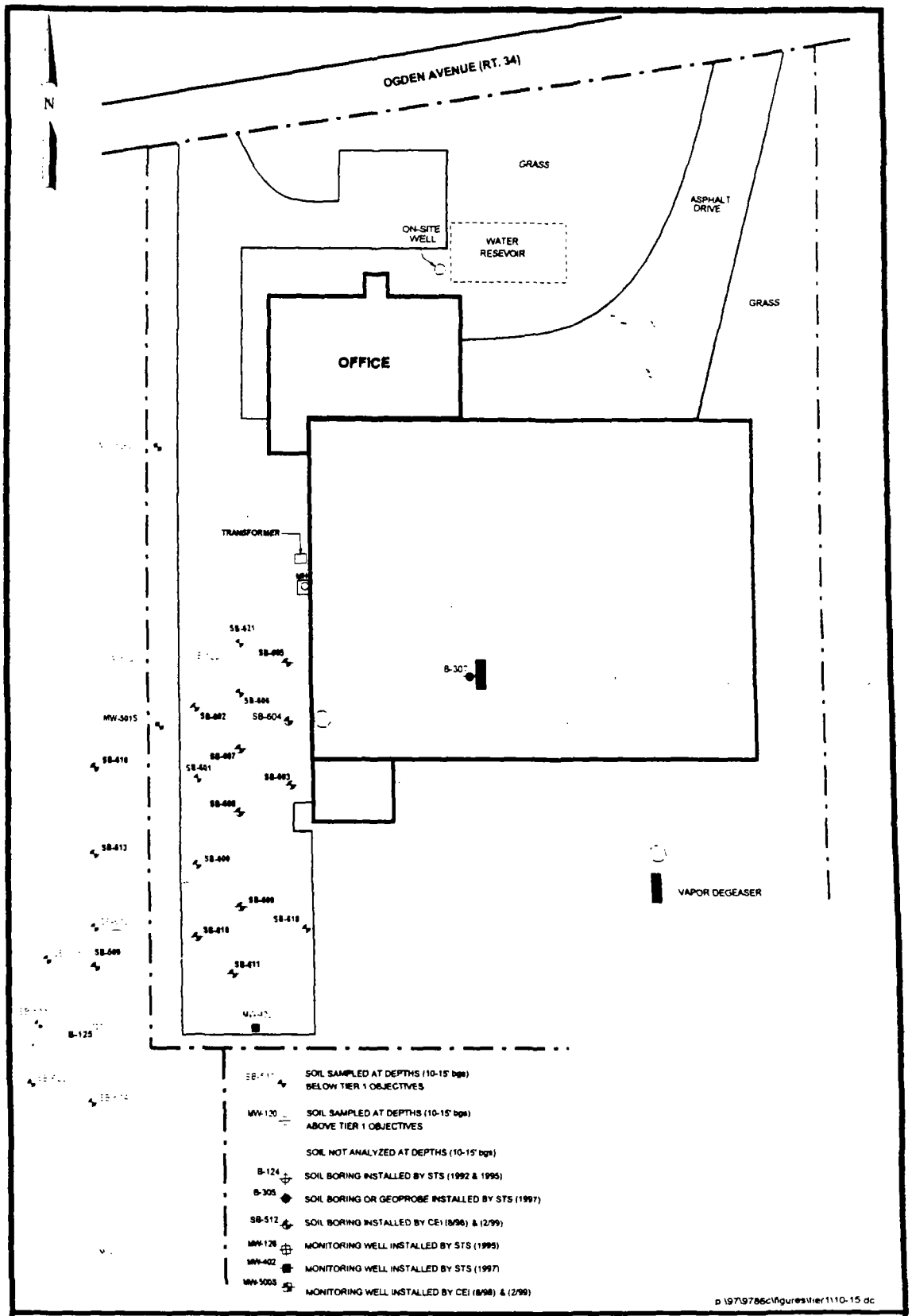
SCALE IN FEET
0 60

SOIL CONTAMINATION (5-10' DEPTH INTERVAL)
711 OGDEN AVENUE
LISLE, ILLINOIS

DRAWN LPM	CHKD	SCALE 1" = 60'	FIGURE 14B
DATE 02/23/99	DATE	PN# 9786C	



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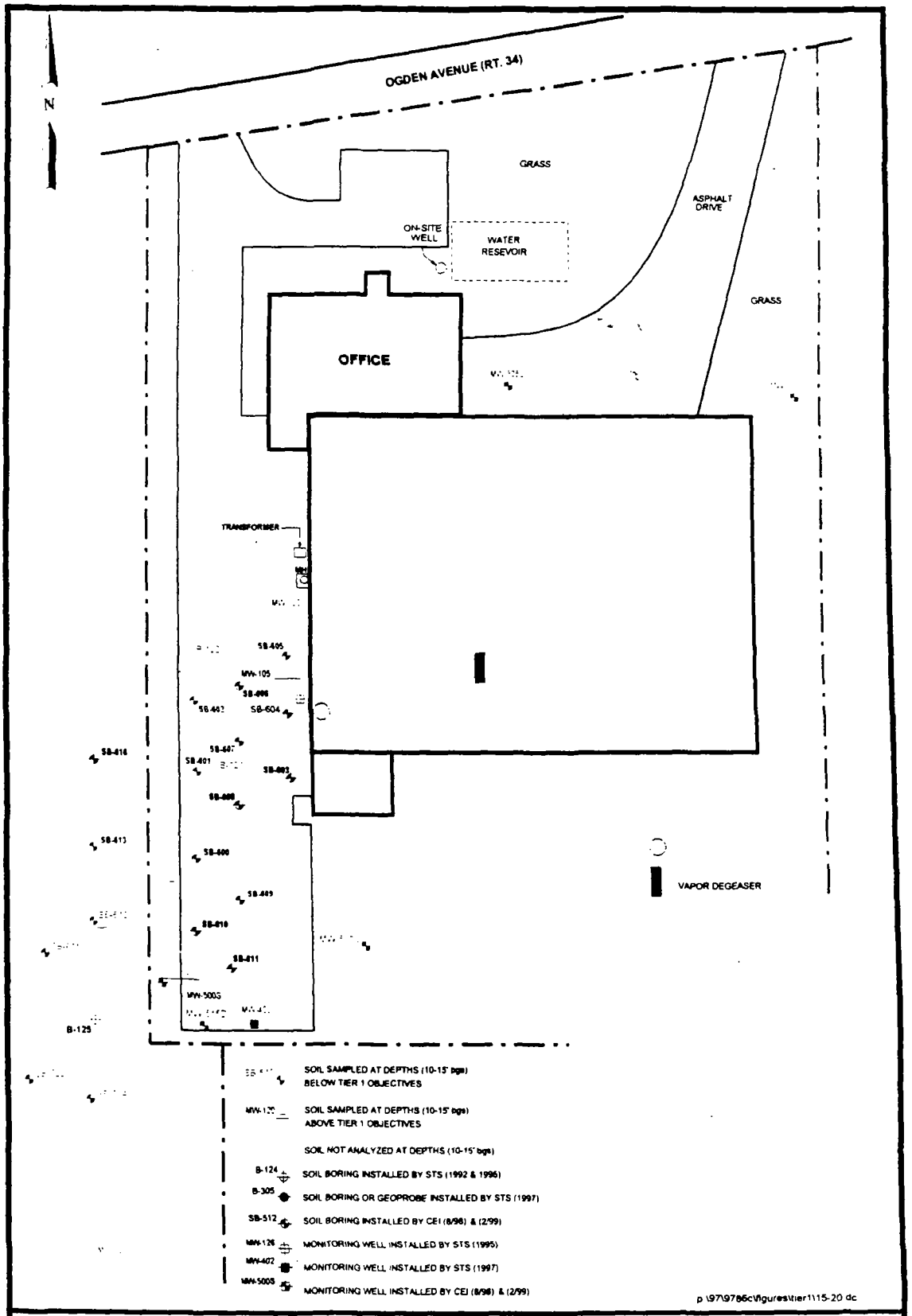
SCALE IN FEET

0 30 60

SOIL CONTAMINATION (10-15' DEPTH INTERVAL)

711 OGDEN AVENUE
LISLE, ILLINOIS

DRAWN LPM	CHKD	SCALE 1" = 60'	FIGURE 14C
DATE 02/23/99	DATE	PN# 9786C	



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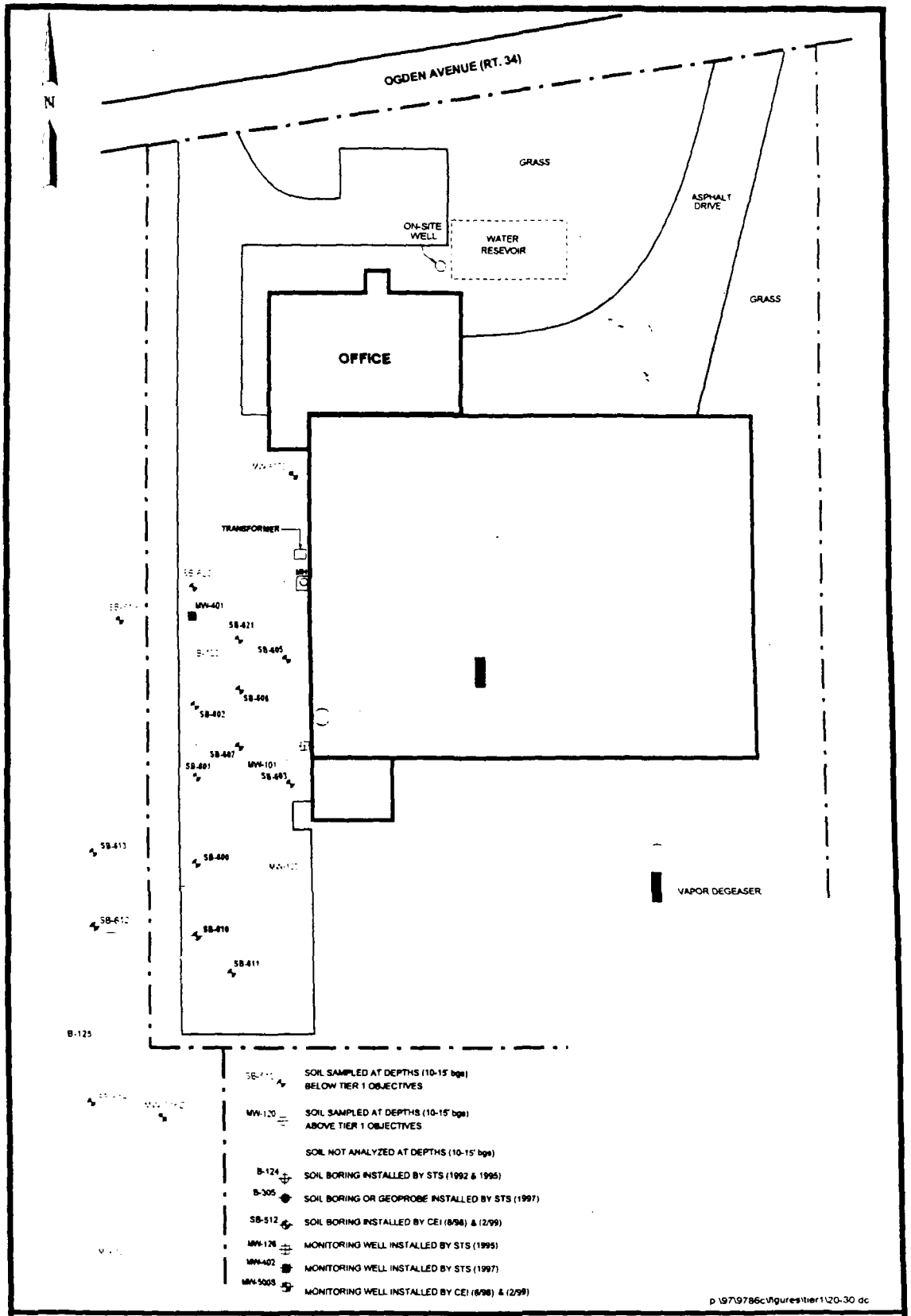
SCALE IN FEET
0 60

SOIL CONTAMINATION (15-20' DEPTH INTERVAL)
711 OGDEN AVENUE
LISLE, ILLINOIS

DRAWN LPM	CHKD	SCALE 1" = 60'	FIGURE 14D
DATE 02/23/99	DATE	PN# 9786C	



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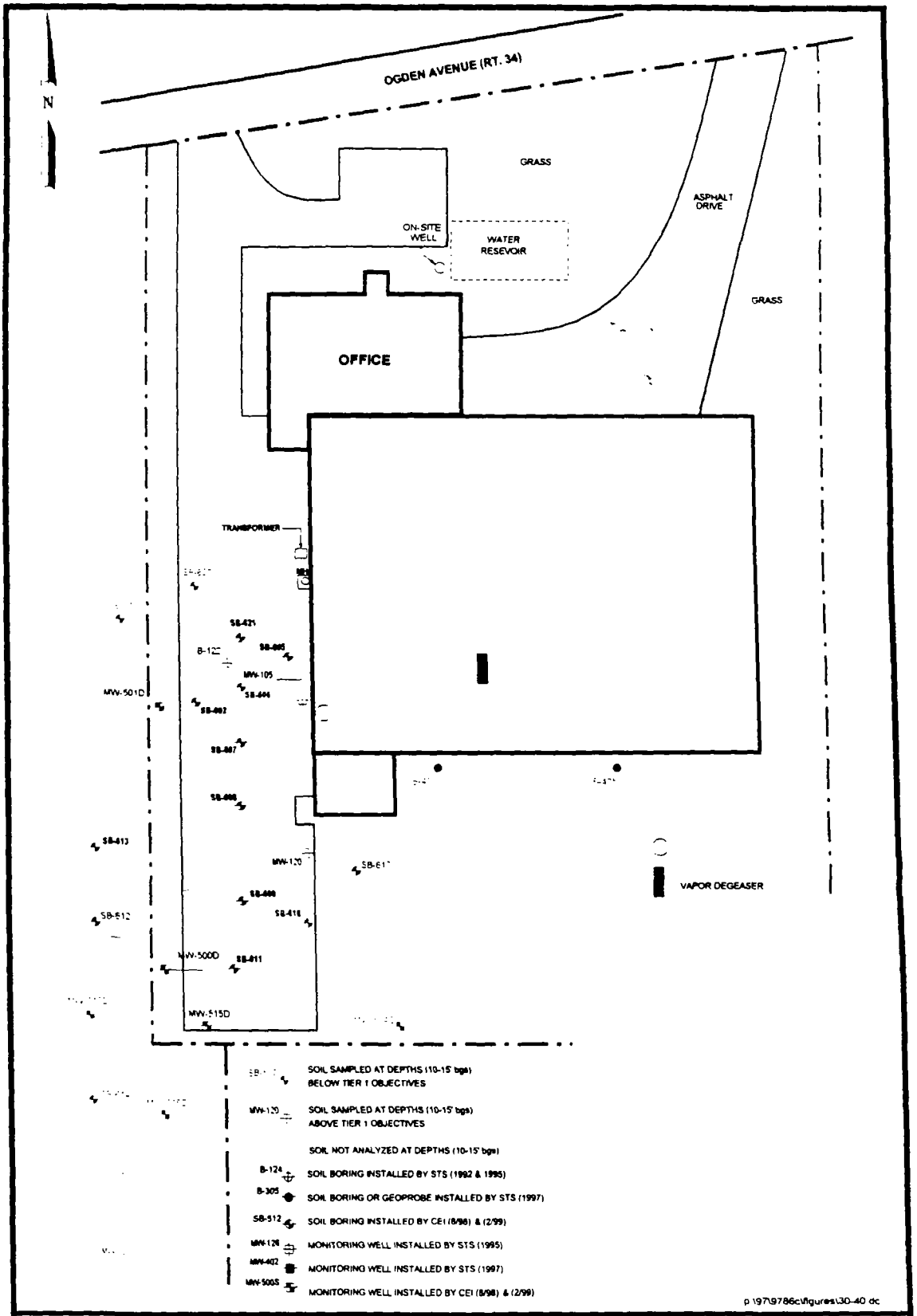
SCALE IN FEET
0 60

SOIL CONTAMINATION (20-30' DEPTH INTERVAL)
711 OGDEN AVENUE
LISLE, ILLINOIS

DRAWN LPM	CHKD	SCALE 1" = 60'	FIGURE. 14E
DATE 02/23/99	DATE	PN# 9786C	



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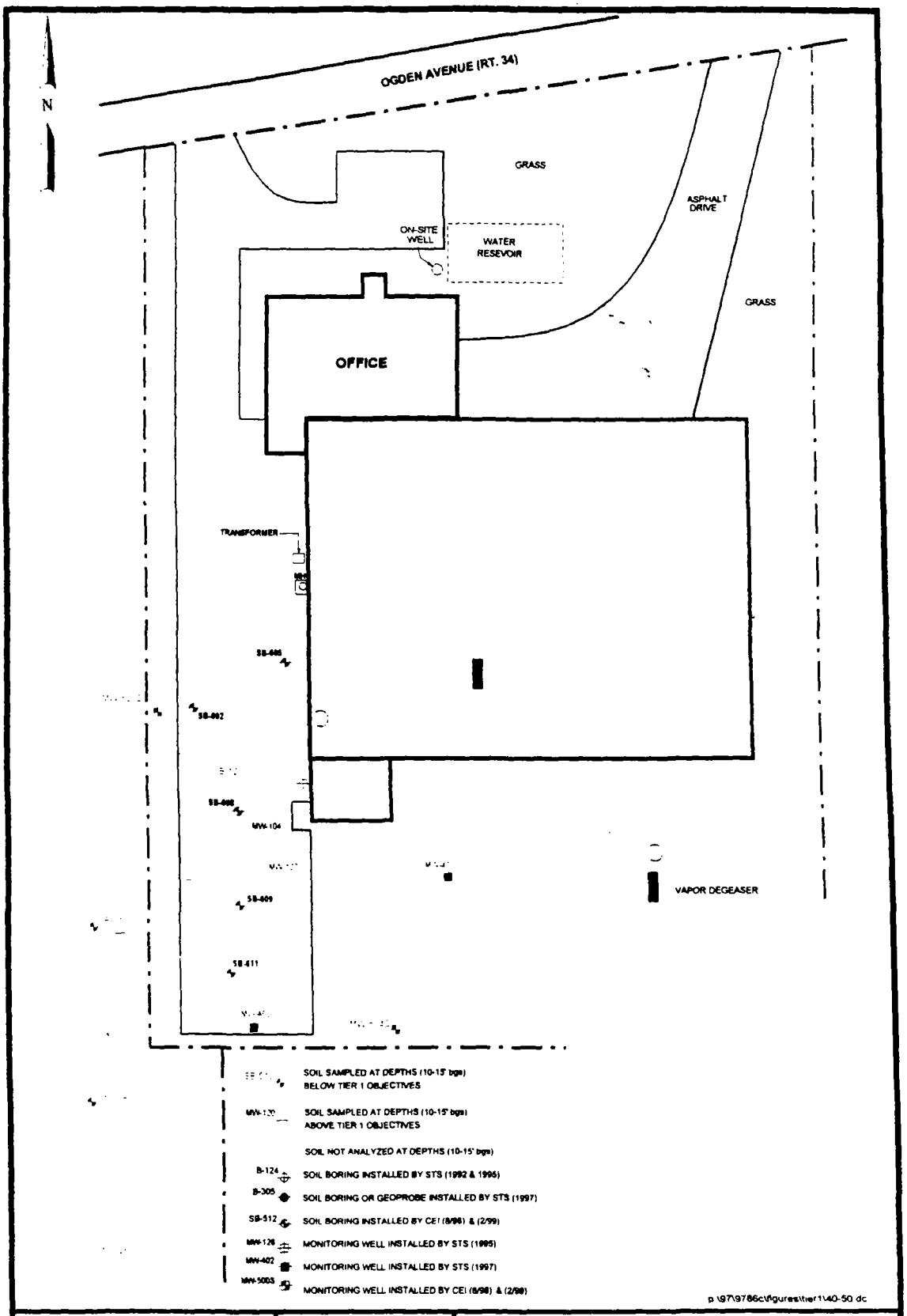
SCALE IN FEET
0 60

SOIL CONTAMINATION (30-40' DEPTH INTERVAL)
711 OGDEN AVENUE
LISLE, ILLINOIS

DRAWN LPM	CHKD	SCALE 1" = 60'	FIGURE 14F
DATE 02/23/99	DATE	PN# 9786C	



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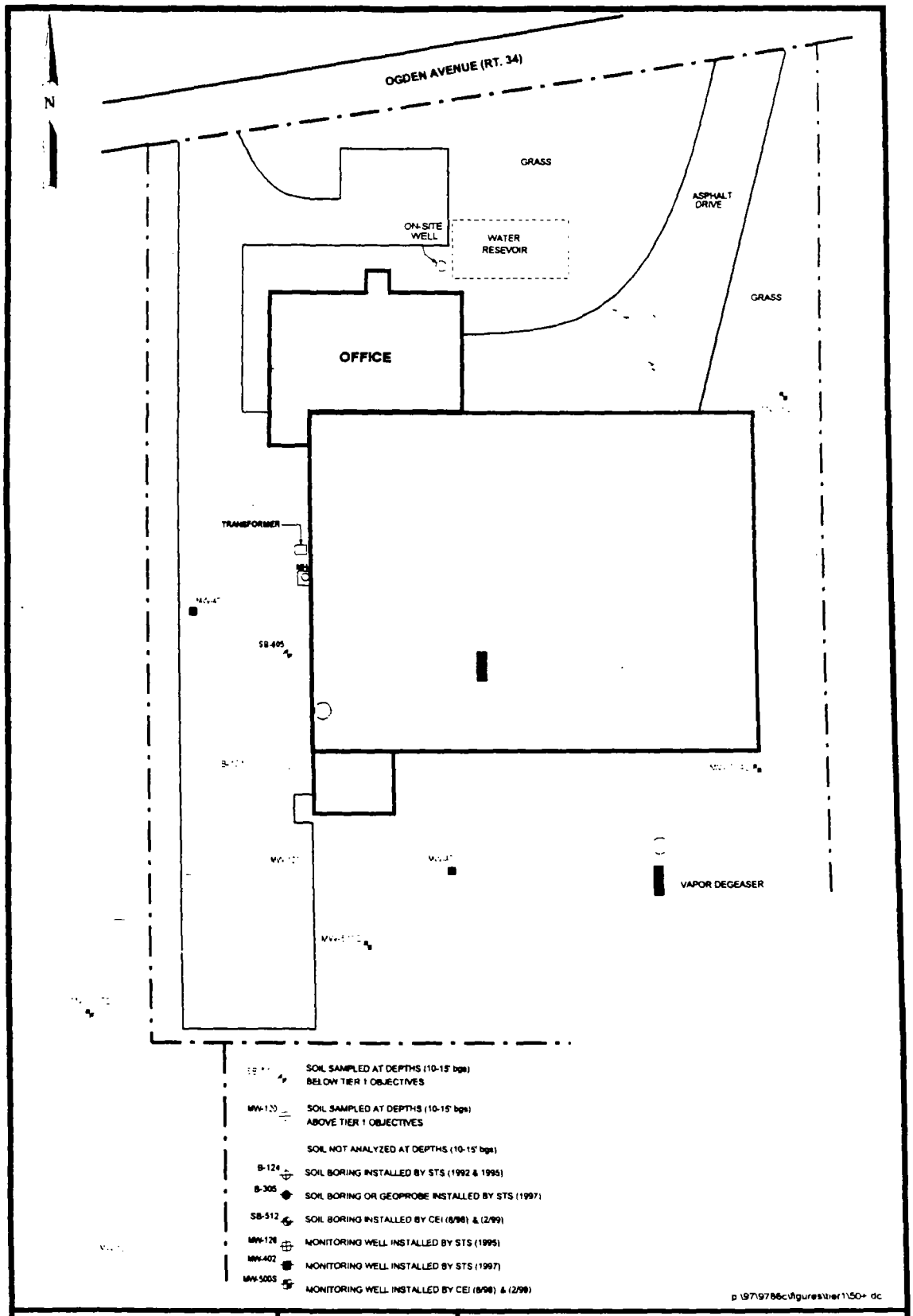
SCALE IN FEET
0 60

SOIL CONTAMINATION (40-50' DEPTH INTERVAL)
711 OGDEN AVENUE
LISLE, ILLINOIS

DRAWN LPM	CHKD	SCALE 1" = 60'	FIGURE.
DATE 02/23/99	DATE	PN# 9786C	14G



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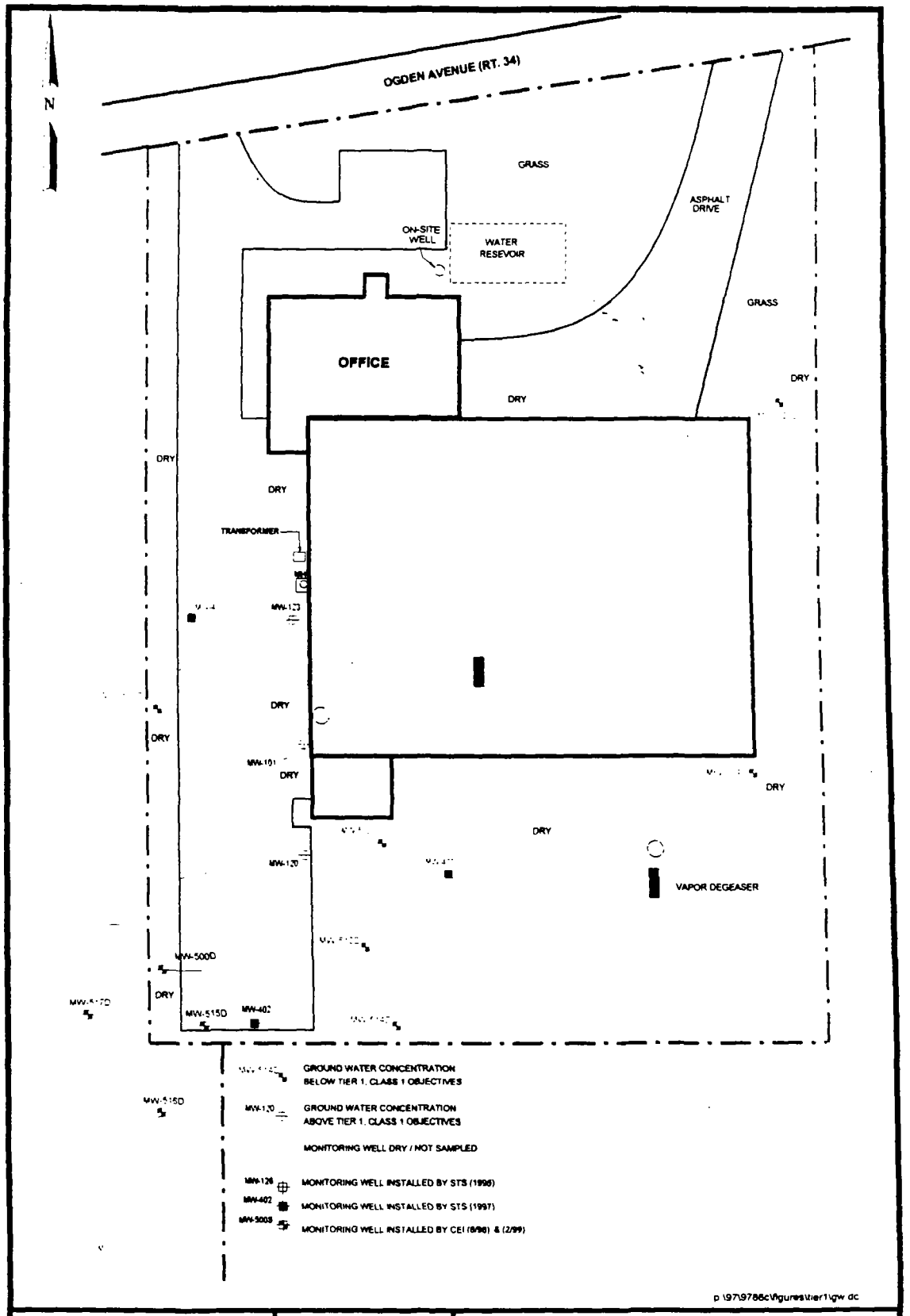
SCALE IN FEET
0 60

SOIL CONTAMINATION (50+' DEPTH INTERVAL)
711 OGDEN AVENUE
LISLE, ILLINOIS

DRAWN LPM	CHKD	SCALE 1" = 60'	FIGURE. 14H
DATE 02/23/99	DATE	PN# 9786C	



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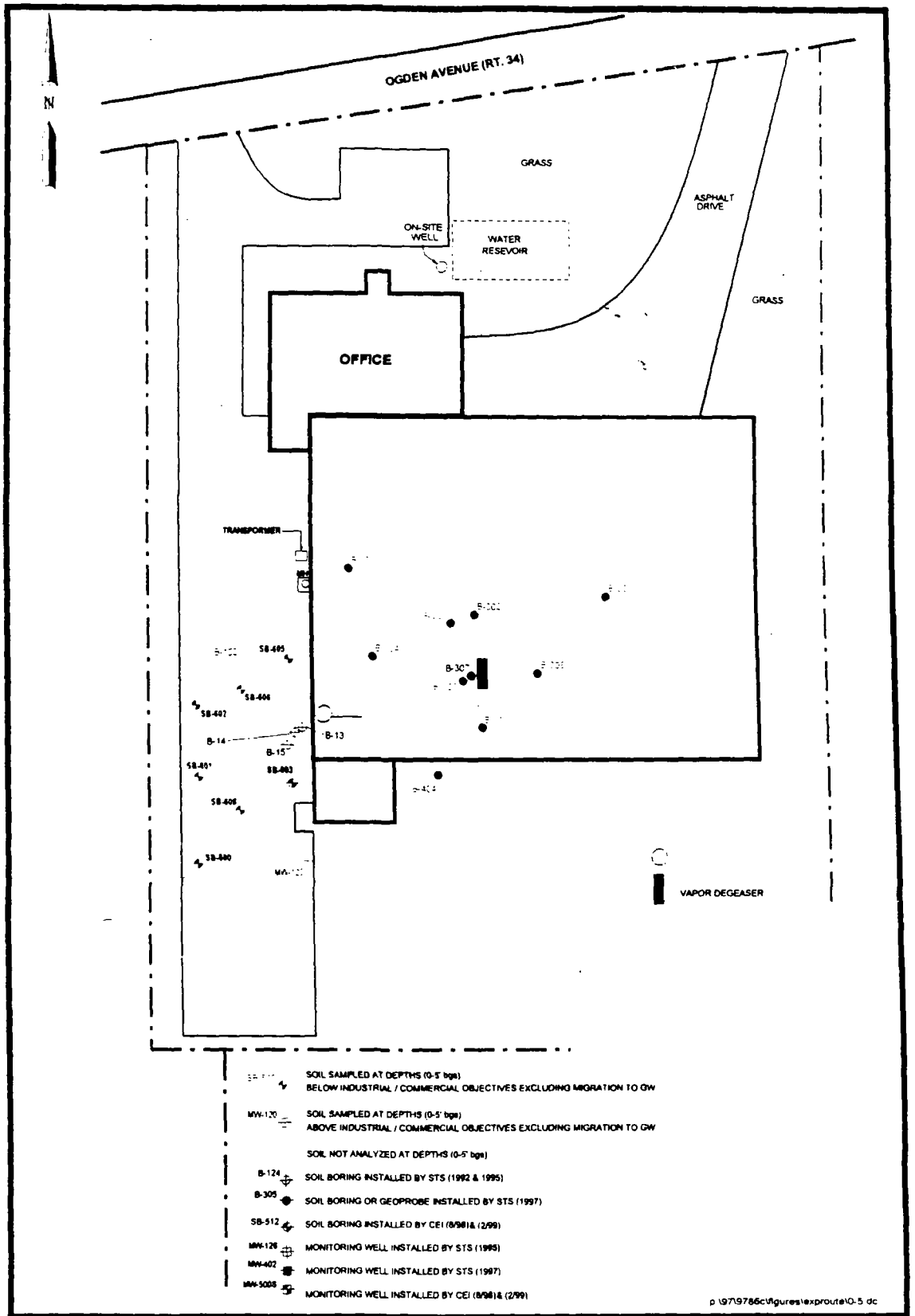
SCALE IN FEET
0 60

TIER 1 GROUND WATER CONTAMINATION
711 OGDEN AVENUE
LISLE, ILLINOIS

DRAWN LPM	CHKD	SCALE 1" = 60'	FIGURE 15
DATE 02/23/99	DATE	PN# 9788C	



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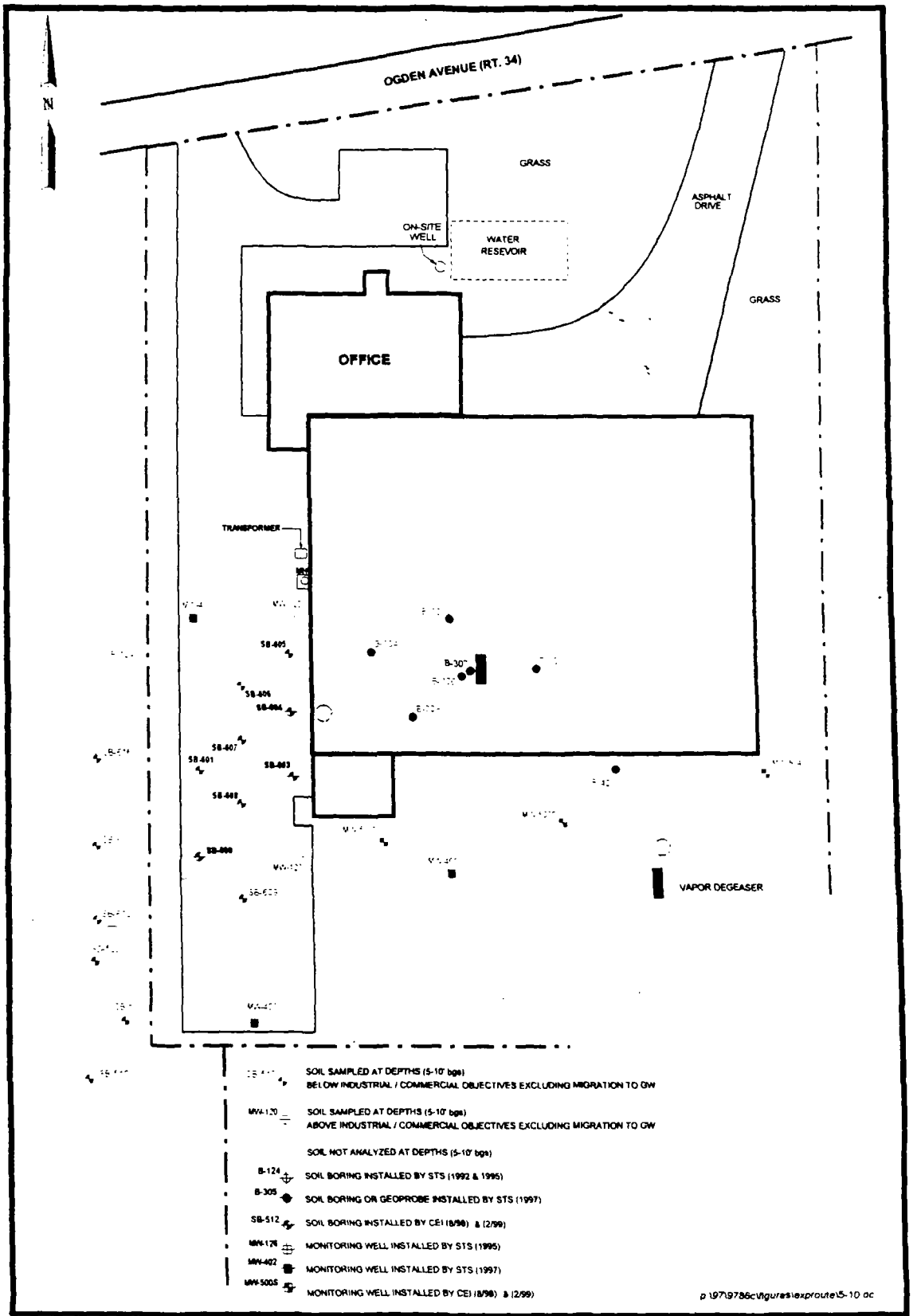
SCALE IN FEET
0 30 60

SOIL CONTAMINATION EXCLUDING GW (0-5' DEPTH INTERVAL)

711 OGDEN AVENUE
LISLE, ILLINOIS

DRAWN LPM	CHKD	SCALE 1" = 60'	FIGURE 16A
DATE 02/23/99	DATE	PN# 9786C	



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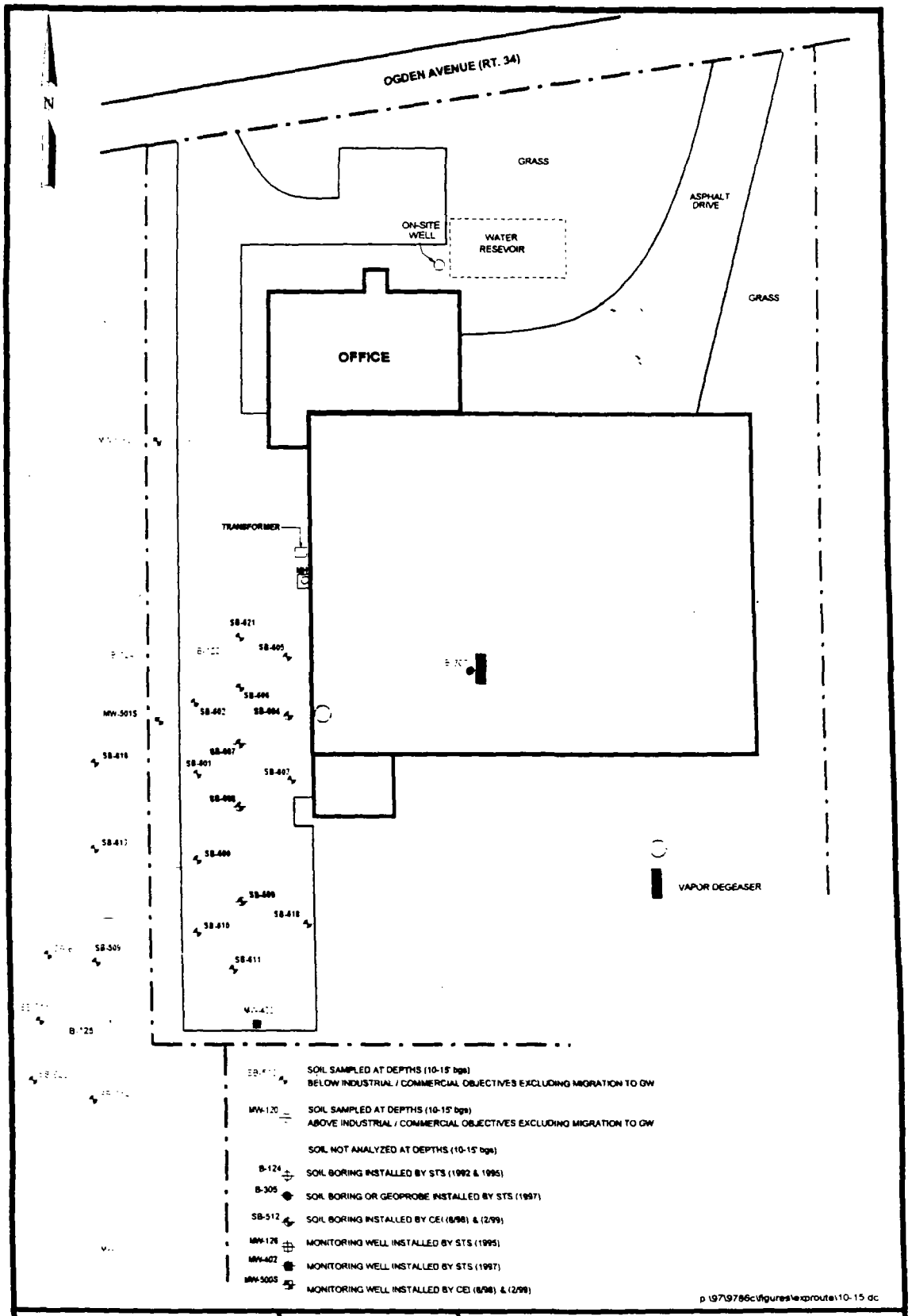
SCALE IN FEET
0 60

SOIL CONTAMINATION EXCLUDING GW (5-10' DEPTH INTERVAL)
711 OGDEN AVENUE
LISLE, ILLINOIS

DRAWN LPM	CHKD	SCALE 1" = 60'	FIGURE: 16B
DATE 02/23/99	DATE	PN# 9786C	



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SCALE IN FEET
0 60

SOIL CONTAMINATION EXCLUDING GW (10-15' DEPTH INTERVAL)

711 OGDEN AVENUE
LISLE, ILLINOIS

DRAWN LPM	CHKD	SCALE 1" = 60'	FIGURE. 16C
DATE 02/23/99	DATE	PN# 9786C	

CARLSON ENVIRONMENTAL, INC.

DRAFT Tables

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TABLE 6 - ANALYTICAL SOIL SUMMARY

LOCKFORMER
711 Ogden Avenue - Lisle, Illinois

Sample Location / Depth	Ground Elevation	Sample Elevation Top	Sample Elevation Bottom	Chemical Parameters Detected Above Class I Soil Objectives (mg/kg)					
				Trichloroethene	Tetrachloroethene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,1,2-Trichloroethane
				0.06 (1)	0.06 (1)	0.4 (1)	0.01 (1)	2 (1)	0.02 (1)
				12 (2)	28 (2)	1,200 (2)	0.08 (2)	1,200 (2)	1,800 (2)
				8.9 (3)	20 (3)	1,200 (3)	0.06 (3)	1,200 (3)	1,800 (3)
Exterior Soil Borings									
B-13 / 1-2'	97.35	96.35	95.35	**680**	**20**			**2.2**	ND
B-13 / 2-3'	97.35	95.35	94.35	**310**	**9**			0.5	ND
B-13 / 3-4'	97.35	94.35	93.35	**110**	**2.6**			0.2	**0.12**
B-14 / 1-2'	97.35	96.35	95.35	**120**	**1.7**			0.31	ND
B-15 / 3-4'	97.35	94.35	93.35	**21**	**0.88**			0.11	ND
MW-101 / 20-21.5'	98.84	78.84	77.34	**0.093**	ND			ND	ND
MW-104 / 42-44'	98.2	56.2	54.2	**1.1**	ND			ND	ND
MW-105 / 15-17'	99.16	84.16	82.16	**960**	ND			ND	ND
MW-105 / 35-37'	99.16	64.16	62.16	**9.2**	ND			ND	ND
MW-120 / 4-4.5'	95.58	91.58	91.08	0.0111	ND			ND	ND
MW-120 / 7.5-9.5'	95.58	88.08	86.08	0.0241	ND			ND	ND
MW-120 / 20-22'	95.58	75.58	73.58	ND	ND			ND	ND
MW-120 / 35-37'	95.58	60.58	58.58	**0.301**	ND			ND	ND
MW-120 / 40-42'	95.58	55.58	53.58	0.0035	ND			ND	ND
MW-120 / 45-47'	95.58	50.58	48.58	ND	ND			ND	ND
MW-120 / 47-49'	95.58	48.58	46.58	ND	ND			ND	ND
MW-120 / 55.5-57.7'	95.58	40.08	37.88	0.0023	ND			ND	ND
B-121 / 17.5-19.5'	96.5	79	77	0.0024	ND			ND	ND
B-121 / 45-47'	96.5	51.5	49.5	0.025	ND			ND	ND
B-121 / 50-52'	96.5	46.5	44.5	0.0022	ND			ND	ND
B-121 / 55-57'	96.5	41.5	39.5	0.0024	ND			ND	ND
B-122 / 2.5-4.5'	99	96.5	94.5	ND	ND			ND	ND
B-122 / 10-12'	99	89	87	0.004	ND			ND	ND
B-122 / 15-17'	99	84	82	0.0019	0.001			ND	ND
B-122 / 20-22'	99	79	77	0.0018	ND			ND	ND
B-122 / 25-27'	99	74	72	ND	ND			ND	ND
B-122 / 30-32'	99	69	67	**4**	0.0052			ND	ND
B-122 / 32.5-34.5'	99	66.5	64.5	**0.91**	0.01			ND	ND
MW-123 / 5-7'	99.85	94.85	92.85	ND	ND			ND	ND
MW-123 / 7.5-9.5'	99.85	92.35	90.35	ND	ND			ND	ND
MW-123 / 15-17'	99.85	84.85	82.85	ND	ND			ND	ND
B-124 / 5-7'	101.25	96.25	94.25	0.0019	ND			ND	ND
B-124 / 7.5-9.5'	101.25	93.75	91.75	0.01	ND			ND	ND
B-124 / 10-12'	101.25	91.25	89.25	0.014	ND			ND	ND
B-124/ 12.5-14.5'	101.25	88.75	86.75	0.0015	ND			ND	ND
B-125 / 10-12'	97.12	87.12	85.12	**0.11**	ND			ND	ND
B-125 / 15-17'	97.12	82.12	80.12	0.052	ND			ND	ND
B-125 / 17.5-19.5'	97.12	79.62	77.62	**0.1**	0.0012			ND	ND
B-125 / 20-22'	97.12	77.12	75.12	0.059	ND			ND	ND
B-125 / 25-27'	97.12	72.12	70.12	0.058	0.001			ND	ND
MW-126 / 12.5-14.5'	94.11	81.61	79.61	ND	ND			ND	ND
MW-126 / 17.5-19.5'	94.11	76.61	74.61	0.028	ND			ND	ND
MW-126 / 20-22'	94.11	74.11	72.11	0.011	ND			ND	ND
MW-126 / 25-27'	94.11	69.11	67.11	0.013	ND			ND	ND
MW-126 / 35-37'	94.11	59.11	57.11	0.0058	ND			ND	ND
MW-126 / 50-52'	94.11	44.11	42.11	0.0058	0.0011			ND	ND
MW-126 / 65-67'	94.11	29.11	27.11	ND	ND			ND	ND
MW-126 / 70-72'	94.11	24.11	22.11	ND	0.0014			ND	ND
MW-126 / 75-77'	94.11	19.11	17.11	ND	0.0017			ND	ND
MW-401 / 6-7.5'	97.78	91.78	90.28	ND	ND			ND	ND
MW-401 / 28.5-30'	97.78	69.28	67.78	ND	**0.14**			ND	ND
MW-401 / 53.5-55'	97.78	44.28	42.78	ND	ND			ND	ND
MW-402 / 5-6.5'	91.18	86.18	84.68	ND	ND			ND	ND
MW-402 / 14-15'	91.18	77.18	76.18	ND	ND			ND	ND
MW-402 / 48.5-50'	91.18	42.68	41.18	ND	ND			ND	ND
MW-403 / 6-7.5'	99.3	93.3	91.8	ND	ND			ND	ND
MW-403 / 43.5-45'	99.3	55.8	54.3	ND	ND			ND	ND
MW-403 / 58.5-60'	99.3	40.8	39.3	ND	ND			ND	ND
B-404 / 3.5-5'	99.3	95.8	94.3	ND	ND			ND	ND
B-404 / 38.5-40'	99.3	60.8	59.3	ND	ND			ND	ND
B-405 / 6-7.5'	99.95	93.95	92.45	ND	ND			ND	ND
B-405 / 33.5-35'	99.95	66.45	64.95	ND	ND			ND	ND
SB-500-MW-500S / 15-17'	91.2	76.2	74.2	**0.082**	ND			ND	ND
MW-500D / 35-37'	91.33	56.33	54.33	**0.18**	ND	0.098	ND	ND	ND
SB-501-MW-501S / 11-13'	94.71	83.71	81.71	ND	ND			ND	ND
MW-501D / 35-37'	94.86	59.86	57.86	**0.14**	ND	ND	ND	ND	ND
MW-501D / 42-44'	94.86	53.86	50.86	ND	ND	ND	ND	ND	ND
SB-502-MW-502S / 7-9'	99.08	92.08	90.08	ND	ND			ND	ND
SB-503-MW-503S / 7-9'	99.95	92.95	90.95	ND	ND			ND	ND
SB-504-MW-504S / 5-7'	98.54	93.54	91.54	ND	ND			ND	ND
MW-504D / 58-60'	99.13	41.13	39.13	ND	ND	ND	ND	ND	ND
SB-505-MW-505S / 15-17'	97.28	82.28	80.28	ND	ND			ND	ND
SB-506-MW-506S / 11-13'	101.18	90.18	88.18	ND	0.0054			ND	ND
SB-507-MW-507S / 23-25'	101.9	78.9	76.9	0.0088	ND			ND	ND
SB-508-MW-508S / 17-19'	99.17	82.17	80.17	0.0033	0.014			ND	ND
MW-508D / 60-62'	99.21	39.21	37.21	ND	ND	ND	ND	ND	ND
SB-509 / 9-11'	97.95	88.95	86.95	0.011	ND			ND	ND
SB-509 / 13-15'	97.95	84.95	82.95	**1.7**	0.005			0.0032	ND
SB-510 / 9-11'	95.65	86.65	84.65	0.013	ND			ND	ND
SB-511 / 11-13'	95.83	84.83	82.83	ND	ND			ND	ND
SB-512 / 9-11'	95.01	86.01	84.01	0.0029	ND			ND	ND
Interior Soil Borings									

TABLE 6 - ANALYTICAL SOIL SUMMARY

LOCKFORMER
711 Ogden Avenue - Lisle, Illinois

Sample Location / Depth	Ground Elevation	Sample Elevation Top	Sample Elevation Bottom	Chemical Parameters Detected Above Class I Soil Objectives (mg/kg)					
				Trichloroethene	Tetrachloroethene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,1,2-Trichloroethane
				0.06 (1)	0.06 (1)	0.4 (1)	0.01 (1)	2 (1)	0.02 (1)
				12 (2)	28 (2)	1,200 (2)	0.08 (2)	1,200 (2)	1,800 (2)
				8.9 (3)	20 (3)	1,200 (3)	0.06 (3)	1,200 (3)	1,800 (3)
B-301 / 1-3.5'				0.0097	ND			ND	ND
B-302 / 1-3'				**0.12**	ND			ND	ND
B-303 / 1-3'				**0.78**	ND			ND	ND
B-304 / 1-3'				**0.13**	ND			ND	ND
B-304 / 7-9'				ND	ND			ND	ND
B-305 / 1-3'				**0.12**	ND			ND	ND
B-305 / 8-10'				ND	ND			ND	ND
B-306 / 1-3'				**0.61**	ND			ND	ND
B-306 / 8-10'				ND	ND			ND	ND
B-307 / 4-6'				**22**	ND			ND	ND
B-307 / 12.5-15'				**0.23**	ND			ND	ND
B-308 / 1-5'				0.012	ND			ND	ND
B-308 / 8-10'				0.0068	ND			ND	ND
B-309 / 5.5-8'				ND	ND			ND	ND
B-310 / 1-3'				ND	ND			ND	ND
Task 2 Soil Borings									
SB-600 / 0-2'	94.18	94.18	92.18	ND	ND	ND	ND	ND	ND
SB-600 / 8-10'	94.18	86.18	84.18	**9.2**	0.0064	**0.59**	0.0072	0.0087	ND
SB-600 / 14-16'	94.18	80.18	78.18	ND	ND	ND	ND	ND	ND
SB-600 / 18-20'	94.18	76.18	74.18	ND	ND	ND	ND	ND	ND
SB-600 / 24-26'	94.18	70.18	68.18	0.0088	ND	ND	ND	ND	ND
SB-600 / 35-37'	94.18	59.18	57.18	**0.24**	ND	0.037	ND	ND	ND
SB-601 / 2-4'	95.42	93.42	91.42	0.044	ND	0.015	ND	ND	ND
SB-601 / 6-8'	95.42	89.42	87.42	0.017	ND	0.056	ND	ND	ND
SB-601 / 12-14'	95.42	83.42	81.42	0.019	ND	0.1	ND	ND	ND
SB-601 / 18-20'	95.42	77.42	75.42	ND	ND	ND	ND	ND	ND
SB-601 / 26-28'	95.42	69.42	67.42	ND	ND	ND	ND	ND	ND
SB-601 / 35-37'	95.42	60.42	58.42	**0.33**	ND	ND	ND	ND	ND
SB-602 / 2-4'	96.41	94.41	92.41	ND	ND	0.099	ND	ND	ND
SB-602 / 10-12'	96.41	86.41	84.41	**0.097**	ND	0.13	ND	ND	ND
SB-602 / 16-18'	96.41	80.41	78.41	ND	ND	ND	ND	ND	ND
SB-602 / 23-25'	96.41	73.41	71.41	ND	ND	ND	ND	ND	ND
SB-602 / 35-37'	96.41	61.41	59.41	**2.4**	0.036	ND	ND	ND	ND
SB-602 / 45-47'	96.41	51.41	49.41	**13**	ND	ND	ND	ND	ND
SB-603 / 2-4'	97.35	95.35	93.35	**1.9**	**0.22**	**0.77**	ND	ND	ND
SB-603 / 6-8'	97.35	91.35	89.35	0.013	ND	**0.6**	**0.082**	ND	ND
SB-603 / 10-12'	97.35	87.35	85.35	**1.4**	ND	**2.9**	ND	ND	ND
SB-603 / 16-18'	97.35	81.35	79.35	**0.06**	0.017	**4.6**	ND	ND	ND
SB-603 / 26-28'	97.35	71.35	69.35	0.021	ND	0.036	ND	ND	ND
SB-604 / 6-8'	98.45	92.45	90.45	**0.8**	ND	**27**	**1.1**	0.21	ND
SB-604 / 12-14'	98.45	86.45	84.45	**25**	**0.67**	**17**	**0.26**	**4.2**	ND
SB-604 / 18-20'	98.45	80.45	78.45	**720**	**8.2**	Diluted	Diluted	Diluted	Diluted
SB-605 / 2-4'	99.04	97.04	95.04	**0.16**	ND	0.025	ND	ND	ND
SB-605 / 8-10'	99.04	91.04	89.04	0.06	0.011	0.008	ND	ND	ND
SB-605 / 10-12'	99.04	89.04	87.04	**0.12**	0.01	0.012	ND	ND	ND
SB-605 / 18-20'	99.04	81.04	79.04	ND	ND	ND	ND	ND	ND
SB-605 / 26-28'	99.04	73.04	71.04	0.0068	ND	ND	ND	ND	ND
SB-605 / 35-37'	99.04	64.04	62.04	**9.8**	**0.28**	ND	ND	ND	ND
SB-605 / 43-45'	99.04	56.04	54.04	**7.8**	**0.16**	ND	ND	ND	ND
SB-605 / 52-54'	99.04	47.04	45.04	ND	ND	ND	ND	ND	ND
SB-606 / 0-2'	98.26	98.26	96.26	0.013	ND	0.28	ND	ND	ND
SB-606 / 6-8'	98.26	92.26	90.26	0.032	ND	ND	ND	ND	ND
SB-606 / 10-12'	98.26	88.26	86.26	0.0077	ND	0.0082	ND	ND	ND
SB-606 / 16-18'	98.26	82.26	80.26	**0.063**	0.0077	0.11	0.01	ND	ND
SB-606 / 28-30'	98.26	70.26	68.26	ND	ND	ND	ND	ND	ND
SB-607 / 8-10'	96.5	88.5	86.5	0.027	0.0076	**0.82**	**0.031**	ND	ND
SB-607 / 12-14'	96.5	84.5	82.5	0.033	0.0082	**0.77**	**0.065**	ND	ND
SB-607 / 16-18'	96.5	80.5	78.5	0.016	ND	0.31	0.0064	ND	ND
SB-607 / 24-26'	96.5	72.5	70.5	ND	ND	ND	ND	ND	ND
SB-607 / 35-37'	96.5	61.5	59.5	**3.1**	**0.12**	ND	ND	ND	ND
SB-608 / 4-6'	95.66	91.66	89.66	**1.3**	ND	**0.61**	ND	ND	ND
SB-608 / 12-14'	95.66	83.66	81.66	**0.22**	ND	**0.77**	**0.012**	0.014	ND
SB-608 / 18-20'	95.66	77.66	75.66	**21**	0.0078	**0.74**	**0.062**	ND	ND
SB-608 / 35-37'	95.66	60.66	58.66	**1.2**	ND	ND	ND	ND	ND
SB-608 / 42-44'	95.66	53.66	51.66	**0.16**	ND	0.019	ND	ND	ND
SB-609 / 8-10'	92.75	84.75	82.75	**3.4**	ND	0.36	0.0071	ND	ND
SB-609 / 12-14'	92.75	80.75	78.75	**0.073**	ND	**2**	**0.066**	ND	ND
SB-609 / 16-18'	92.75	76.75	74.75	ND	ND	ND	ND	ND	ND
SB-609 / 37-39'	92.75	55.75	53.75	**3**	ND	0.39	ND	ND	ND
SB-609 / 43-45'	92.75	49.75	47.75	ND	ND	ND	ND	ND	ND
SB-610 / 10-12'	92.39	82.39	80.39	**5.3**	ND	**0.91**	0.01	0.007	ND
SB-610 / 16-18'	92.39	76.39	74.39	**0.22**	ND	**0.41**	**0.077**	ND	ND
SB-610 / 26-28'	92.39	66.39	64.39	**12**	ND	**0.61**	ND	ND	ND
SB-611 / 12-14'	92.1	80.1	78.1	**2.3**	ND	**0.54**	ND	ND	ND
SB-611 / 16-17'	92.1	76.1	75.1	**1.3**	ND	0.31	ND	ND	ND
SB-611 / 26-28'	92.1	66.1	64.1	0.022	ND	ND	ND	ND	ND
SB-611 / 35-37'	92.1	57.1	55.1	**0.22**	ND	0.041	ND	ND	ND
SB-611 / 42-44'	92.1	50.1	48.1	ND	ND	ND	ND	ND	ND
SB-612 / 8-10'	98.69	90.69	88.69	ND	ND	ND	ND	ND	ND
B-612 / 12-15'	98.69	86.69	83.69	ND	ND	ND	ND	ND	ND
SB-612 / 15-18'	98.69	83.69	80.69	ND	ND	ND	ND	ND	ND
SB-612 / 28-30'	98.69	70.69	68.69	**0.67**	ND	0.11	ND	ND	ND
SB-612 / 37-39'	98.69	61.69	59.69	**0.61**	ND	0.094	ND	ND	ND
SB-612 / 47-49'	98.69	51.69	49.69	ND	ND	0.067	ND	ND	ND

TABLE 6 - ANALYTICAL SOIL SUMMARY

LOCKFORMER
711 Ogden Avenue - Lisle, Illinois

Sample Location / Depth	Ground Elevation	Sample Elevation Top	Sample Elevation Bottom	Chemical Parameters Detected Above Class I Soil Objectives (mg/kg)					
				Trichloroethene	Tetrachloroethene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,1,2-Trichloroethane
				0.06 (1)	0.06 (1)	0.4 (1)	0.01 (1)	2 (1)	0.02 (1)
				12 (2)	28 (2)	1,200 (2)	0.08 (2)	1,200 (2)	1,800 (2)
				8.9 (3)	20 (3)	1,200 (3)	0.06 (3)	1,200 (3)	1,800 (3)
SB-613 / 8-10'	99.54	91.54	89.54	ND	ND	ND	ND	ND	ND
DUP-3 (SB-613 / 8-10')	99.54	91.54	89.54	ND	ND	ND	ND	ND	ND
SB-613 / 12-15'	99.54	87.54	84.54	0.087	ND	0.024	ND	ND	ND
SB-613 / 18-20'	99.54	81.54	79.54	ND	ND	ND	ND	ND	ND
SB-613 / 25-28'	99.54	74.54	71.54	ND	ND	ND	ND	ND	ND
SB-613 / 37-39'	99.54	62.54	60.54	14.3	ND	0.12	ND	ND	ND
SB-614 / 12-15'	95.65	83.65	80.65	ND	ND	ND	ND	ND	ND
SB-614 / 18-20'	95.65	77.65	75.65	ND	ND	ND	ND	ND	ND
SB-614 / 22-24'	95.65	73.65	71.65	ND	ND	ND	ND	ND	ND
SB-614 / 37-39'	95.65	58.65	56.65	ND	ND	ND	ND	ND	ND
SB-614 / 44-46'	95.65	51.65	49.65	0.0098	ND	ND	ND	ND	ND
SB-615 / 12-15'	97.32	85.32	82.32	0.027	ND	ND	ND	ND	ND
SB-615 / 18-20'	97.32	79.32	77.32	0.011	ND	ND	ND	ND	ND
SB-616 / 8-10'	100.33	92.33	90.33	ND	ND	ND	ND	ND	ND
SB-616 / 10-12'	100.33	90.33	88.33	0.17	ND	2.4	ND	ND	ND
SB-616 / 15-17'	100.33	85.33	83.33	19	ND	0.24	ND	ND	ND
SB-616 / 17-20'	100.33	83.33	80.33	4.2	ND	0.36	ND	ND	ND
SB-617 / 38-40'	98.38	60.38	58.38	0.21	ND	ND	ND	ND	ND
SB-618 / 12-14'	93.31	81.31	79.31	0.021	ND	0.0077	ND	ND	ND
SB-618 / 34-36'	93.31	59.31	57.31	0.007	ND	ND	ND	ND	ND
DUP-4 (SB-618 / 34-36')	93.31	59.31	57.31	0.015	ND	ND	ND	ND	ND
SB-619 / 30-32'	101.25	71.25	69.25	ND	ND	ND	ND	ND	ND
SB-619 / 36-38'	101.25	65.25	63.25	ND	ND	ND	ND	ND	ND
SB-620 / 28-30'	99.28	71.28	69.28	ND	ND	ND	ND	ND	ND
SB-620 / 36-38'	99.28	63.28	61.28	0.015	ND	ND	ND	ND	ND
SB-621 / 10-12'	99.12	89.12	87.12	0.025	ND	0.011	ND	ND	ND
SB-621 / 28-30'	99.12	71.12	69.12	ND	ND	ND	ND	ND	ND
SB-621 / 35-37'	99.12	64.12	62.12	2.1	0.053	ND	ND	ND	ND
SB-622 / 10-12'	94.75	84.75	82.75	ND	ND	ND	ND	ND	ND
SB-622 / 17-19'	94.75	77.75	75.75	ND	ND	ND	ND	ND	ND
Deep Monitoring Wells									
MW-513D / 15-17'	94.51	79.51	77.51	ND	ND	ND	ND	ND	ND
MW-513D / 50-52'	94.51	44.51	42.51	ND	ND	ND	ND	ND	ND
MW-514D / 35-37'	88.68	53.68	51.68	0.033	ND	ND	ND	ND	ND
MW-514D / 46-47'	88.68	42.68	41.68	ND	ND	ND	ND	ND	ND
MW-515D / 15-17'	90.57	75.57	58.57	0.0065	ND	ND	ND	ND	ND
MW-515D / 35-37'	90.57	55.57	53.57	0.7	ND	0.16	ND	ND	ND
MW-515D / 25-27'	90.57	65.57	63.57	ND	ND	ND	ND	ND	ND
MW-516D / 25-27'	88.27	63.27	61.27	ND	ND	ND	ND	ND	ND
MW-516D / 35-37'	88.27	53.27	51.27	ND	ND	ND	ND	ND	ND
MW-517D / 35-37'	97.33	62.33	60.33	ND	ND	ND	ND	ND	ND
MW-517D / 55-57'	97.33	42.33	40.33	ND	ND	ND	ND	ND	ND

NOTES:

(1) - Tiered Approach to Corrective Action Objectives (TACO) (35 IAC, Part 742)-Appendix B: Table B: Tier 1 Class 1 Migration to Ground Water Remediation Objectives (Industrial / Commercial Properties).

(2) - TACO - Appendix B, Table B: Tier 1 Exposure Route-Specific Values for Soils for Construction Workers-(most stringent inhalation or ingestion objective is listed) (Industrial / Commercial Properties).

(3) - TACO - Appendix B: Table B: Tier 1 Exposure Route-Specific Values for Soils Industrial / Commercial (most stringent inhalation or ingestion objective is listed).

ND - Not detected

Shading indicates concentration is above most stringent remediation objectives listed

Only those compounds detected above their corresponding remediation objective are listed on this table.

mg/kg: milligram per kilogram; parts per million (ppm)

TABLE 7 - ANALYTICAL GROUND WATER SUMMARY

LOCKFORMER
711 Ogden Avenue - Lisle, Illinois

Montoring Well Locations	Date Sampled	Chemical Parameters Detected Above Class I Ground Water Objectives (mg/L)											
		Benzene	Chloroform	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Vinyl Chloride
		0.005 (1)	0.00002 (1)	0.005 (1)	0.007 (1)	0.07 (1)	0.1 (1)	0.005 (1)	0.005 (1)	0.2 (1)	0.005 (1)	0.005 (1)	0.002 (1)
STS Monitoring Wells													
MW-101	Nov-96	0.0046	**0.007**	ND	**0.53**	**38**	**0.49**	**0.063**	**0.0095**	ND	**0.057**	**88**	**0.073**
MW-101	Aug-98	ND	**0.0036**	**0.025**	**0.6**	**42**	**0.6**	**0.018**	**0.0065**	**3.3**	**0.03**	**54**	**0.048**
MW-101	05-Feb-99	ND	ND	ND	**1.1**	**41**	**0.73**	ND	ND	**8.2**	ND	**83**	ND
MW-120	Nov-96	ND	ND	ND	ND	**0.079**	0.0035	ND	ND	ND	ND	**0.059**	ND
MW-120	Aug-98	ND	ND	ND	ND	**0.072**	ND	**0.0076**	ND	ND	ND	**0.0065**	ND
MW-120	15-Feb-99	ND	ND	ND	ND	0.07	0.0037	ND	ND	0.0031	ND	**0.007**	ND
DUP-5 / MW-120	15-Feb-99	ND	ND	ND	ND	0.069	0.0036	ND	ND	0.0037	ND	**0.0076**	ND
MW-123	Nov-96	ND	ND	ND	ND	0.0022	ND	ND	ND	ND	ND	0.0024	ND
MW-123	Aug-98	**0.017**	ND	ND	0.0034	**0.13**	0.0035	0.0033	ND	0.033	ND	**0.43**	ND
MW-123	05-Feb-99	ND	ND	ND	ND	0.013	ND	ND	ND	0.0014	ND	**0.027**	ND
MW-126	Nov-97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0013	ND
MW-126	Aug-98	ND	ND	ND	ND	ND	ND	0.0049	ND	ND	ND	**0.0063**	ND
MW-126	Nov-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-126	19-Feb-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-401	Aug-97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0072**	ND
MW-401	Aug-98	ND	ND	ND	ND	ND	ND	0.0042	ND	ND	ND	ND	ND
MW-401	15-Feb-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-402	Aug-97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0014	ND
MW-402	Aug-98	ND	ND	ND	ND	**0.18**	0.0083	0.0029	ND	ND	ND	**0.0084**	ND
MW-402	15-Feb-99	ND	ND	ND	ND	**0.17**	0.0075	ND	ND	ND	ND	**0.03**	ND
MW-403	Aug-97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-403	Aug-98	ND	ND	ND	ND	ND	ND	0.0046	ND	ND	ND	ND	ND
MW-403	15-Feb-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-104 - DRY	Apr-95												
MW-104 - DRY	Aug-98												
MW-104 - DRY	10-Feb-99												
MW-105 - DRY	Apr-95												
MW-105 - DRY	Aug-98												
MW-105 - DRY	10-Feb-99												
CEI Monitoring Wells													
MW-500S - DRY	Aug-98												
MW-500S - DRY	10-Feb-99												
MW-500D	15-Feb-99	ND	ND	ND	ND	**2.9**	0.067	ND	ND	ND	ND	**1.7**	ND
MW-501S - DRY	Aug-98												
MW-501S	10-Feb-99	Purged 11 gallons - no recharge											
MW-501D	15-Feb-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0014	ND
MW-502S	Sep-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-502S	05-Feb-99	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND
MW-503S - DRY	Aug-98												
MW-503S - DRY	10-Feb-99												

TABLE 7 - ANALYTICAL GROUND WATER SUMMARY

LOCKFORMER
711 Ogden Avenue - Lisle, Illinois

Montoring Well Locations	Date Sampled	Chemical Parameters Detected Above Class I Ground Water Objectives (mg/L)											
		Benzene	Chloroform	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Vinyl Chloride
		0.005 (1)	0.00002 (1)	0.005 (1)	0.007 (1)	0.07 (1)	0.1 (1)	0.005 (1)	0.005 (1)	0.2 (1)	0.005 (1)	0.005 (1)	0.002 (1)
MW-504S - DRY	Aug-98												
MW-504S - DRY	10-Feb-99												
MW-504D	17-Feb-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-505S - DRY	Aug-98												
MW-505S - DRY	10-Feb-99												
MW-506S - DRY	Aug-98												
MW-506S - DRY	10-Feb-99												
MW-507S - DRY	Aug-98												
MW-507S - DRY	10-Feb-99												
MW-508S - DRY	Aug-98												
MW-508S - DRY	10-Feb-99												
MW-508D	20-Feb-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DUP-6 / MW-508D	20-Feb-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-513D	15-Feb-99	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND
MW-514D	15-Feb-99	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.001	ND
MW-515D	17-Feb-99	ND	ND	ND	ND	**0.32**	0.0073	ND	ND	ND	ND	**0.0079**	ND
MW-516D	15-Feb-99	ND	ND	ND	ND	**0.099**	0.0029	ND	ND	ND	ND	**0.21**	ND
MW-517D	15-Feb-99	ND	ND	ND	ND	**0.15**	0.0063	ND	ND	ND	ND	0.0041	ND

NOTES:

(1) - Tiered Approach to Corrective Action Objectives (TACO) (35 IAC, Part 742)-Appendix B Table E Tier 1 Ground Water Remediation Objectives (Class I listed)

ND - Not detected

Shading indicates concentration is above Class I remediation objectives

Only those compounds detected above corresponding objectives are listed on this table.

mg/L milligram per liter, parts per million (ppm)