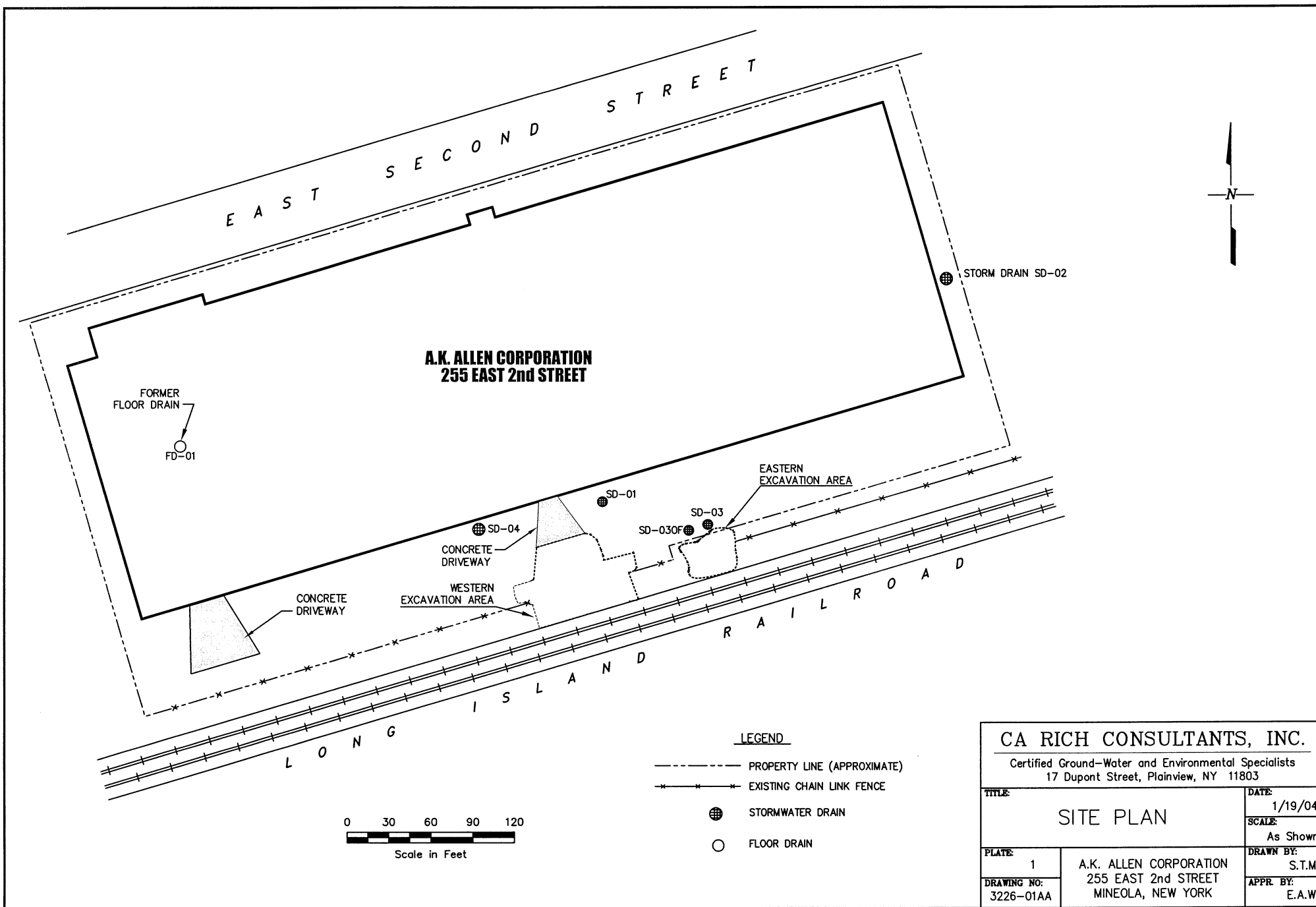
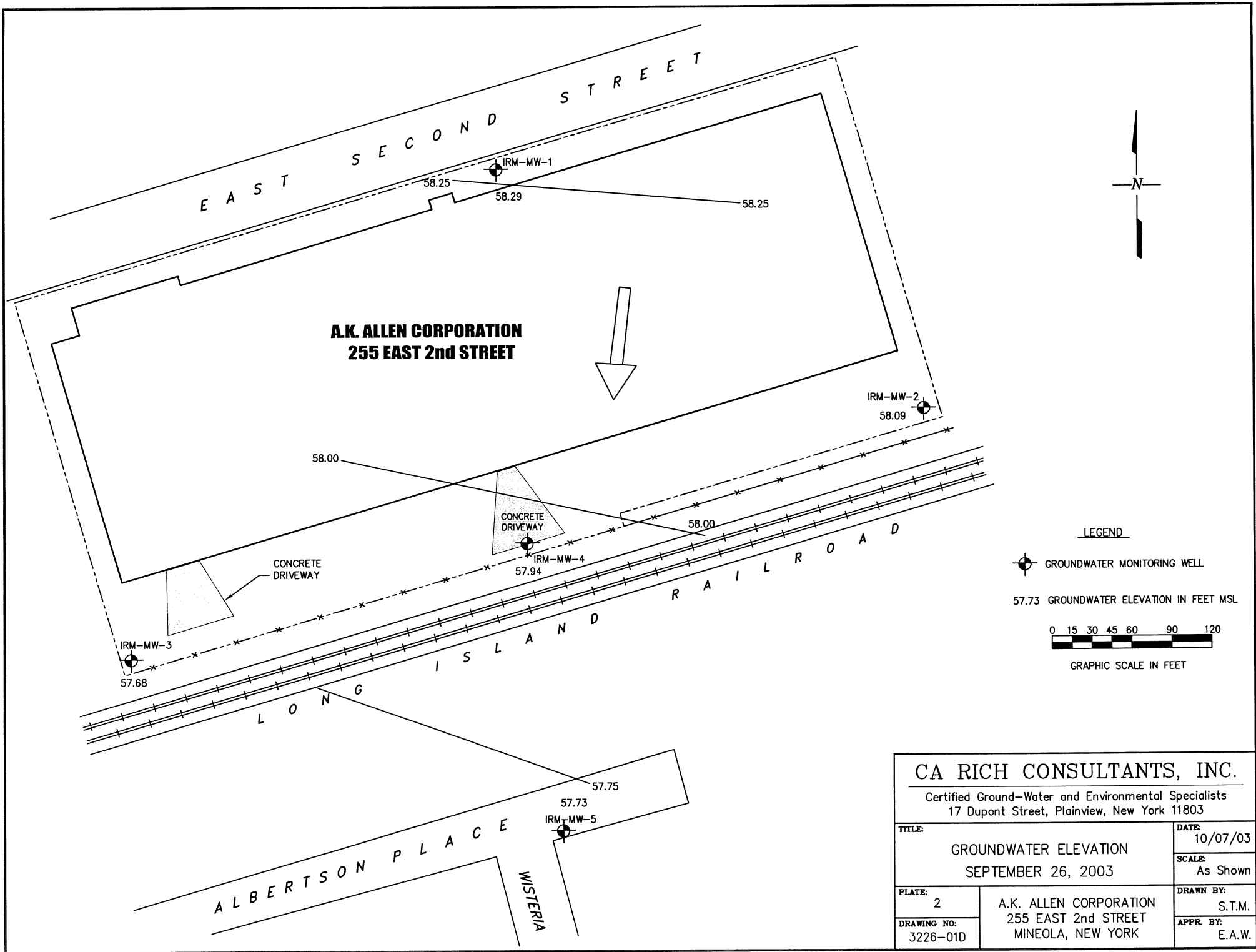
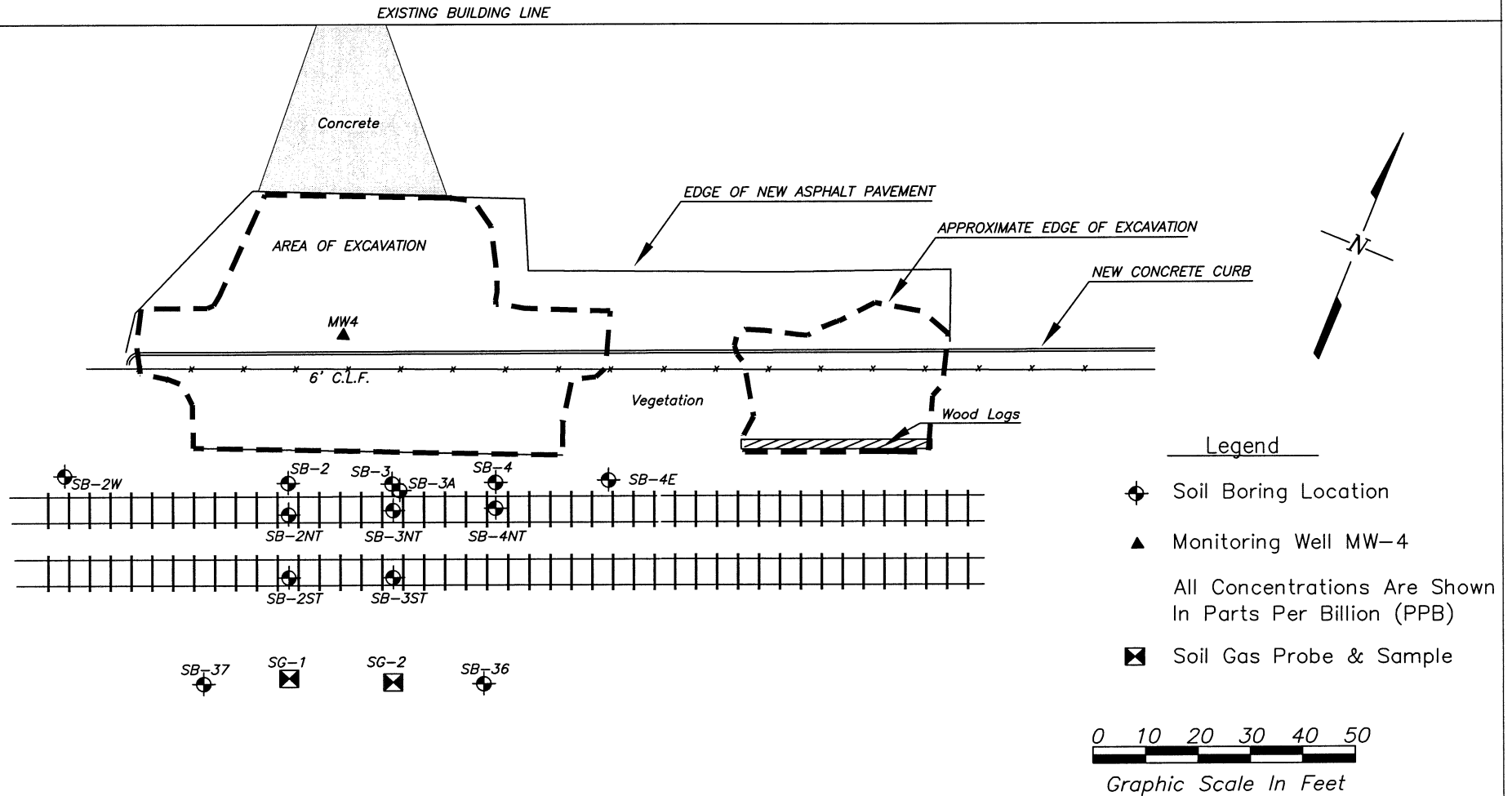


FIGURES





AK ALLEN FACILITY

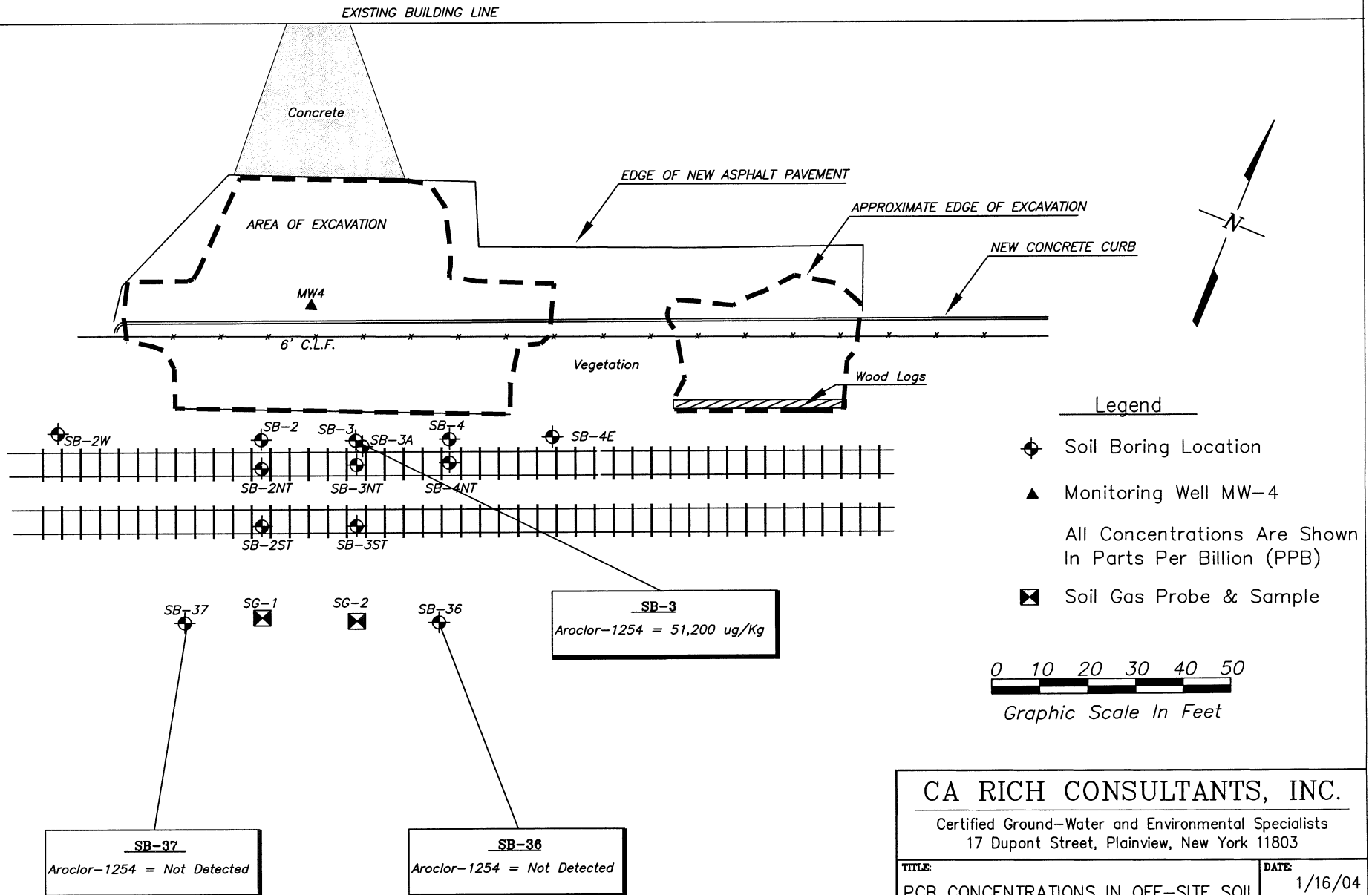


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TITLE: OFF-SITE BORING and SOIL GAS SAMPLE LOCATION MAP		DATE: 1/16/04
FIGURE: 3		SCALE: 1" = 30'
DRAWING NO: 9769-1a	AK ALLEN CORPORATION 255 EAST 2ND STREET MINEOLA, NEW YORK	DRAWN BY: S.T.M.
		APPR. BY: E.A.W.

AK ALLEN FACILITY

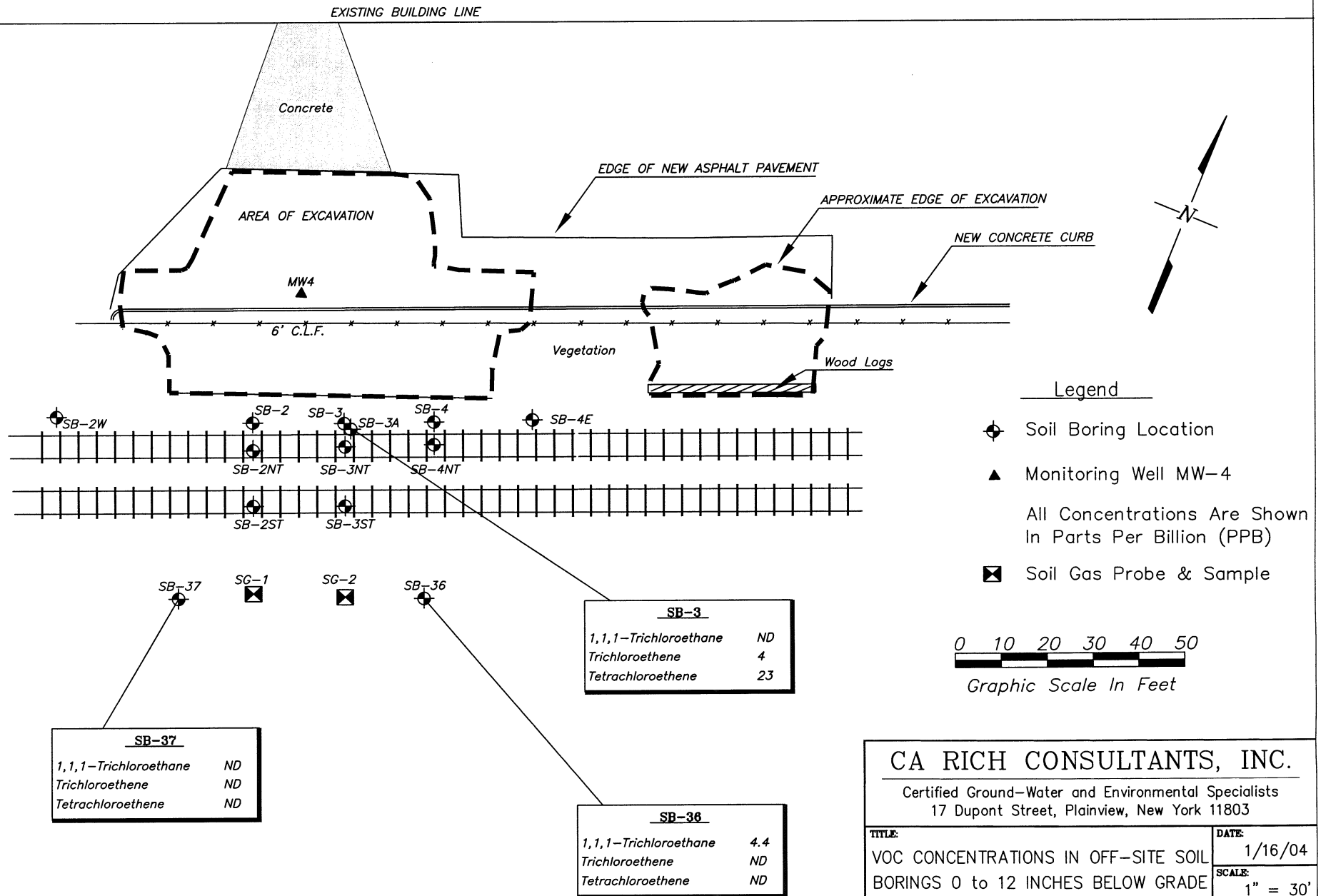


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TITLE: PCB CONCENTRATIONS IN OFF-SITE SOIL BORINGS 0 TO 12 INCHES BELOW GRADE		DATE: 1/16/04
FIGURE: 4		SCALE: 1" = 30'
DRAWING NO: 9769-1A.E		DRAWN BY: S.T.M.
AK ALLEN CORPORATION 255 EAST 2ND STREET MINEOLA, NEW YORK		APPR BY: E.A.W.

AK ALLEN FACILITY



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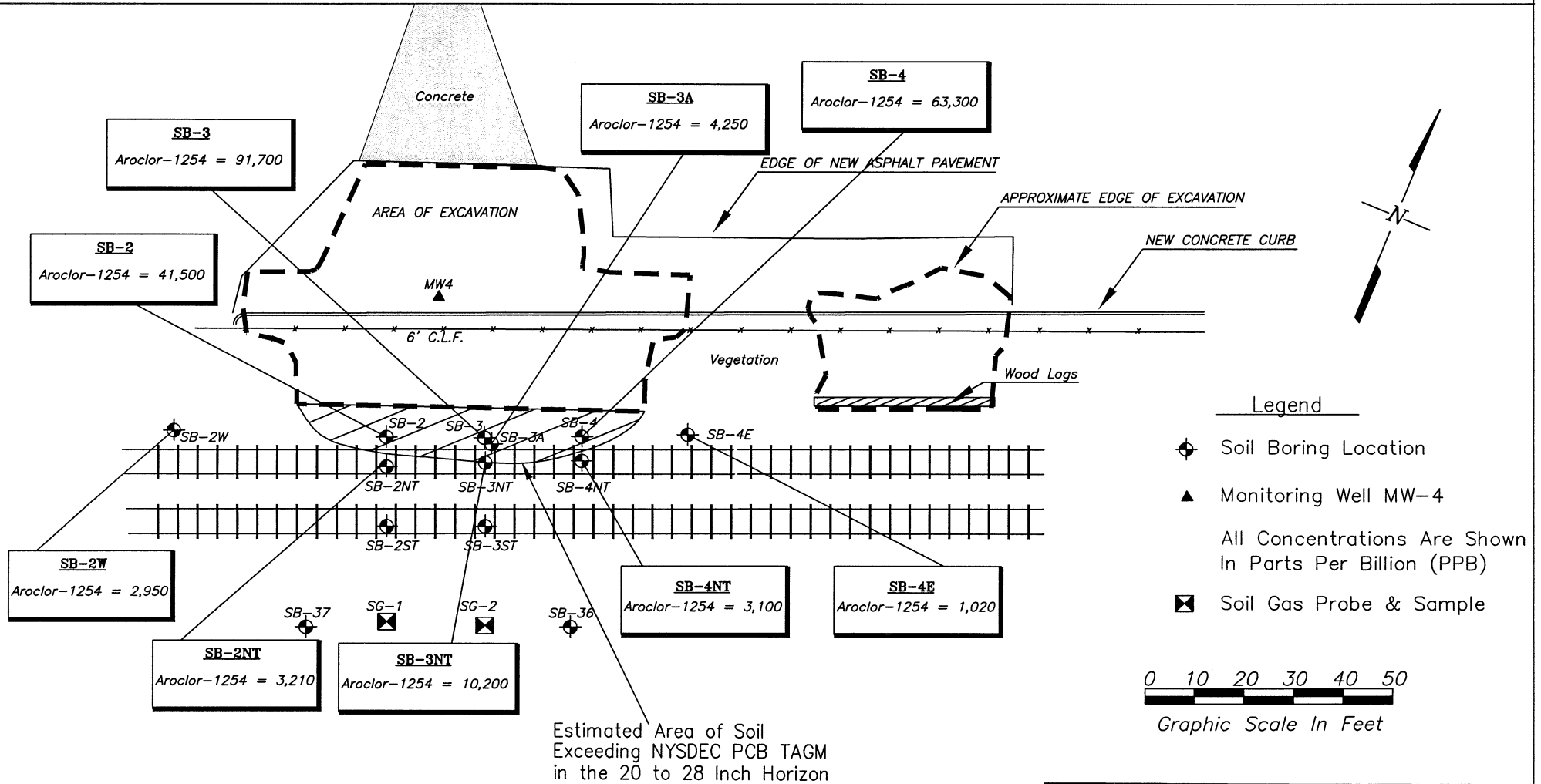
Certified Ground-Water and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE:		DATE:
VOC CONCENTRATIONS IN OFF-SITE SOIL BORINGS 0 TO 12 INCHES BELOW GRADE		1/16/04
FIGURE:		SCALE:
5		1" = 30'
DRAWING NO:		DRAWN BY:
9769-1A.f		S.T.M.
		APPR BY:
		E.A.W.

AK ALLEN CORPORATION
255 EAST 2ND STREET
MINEOLA, NEW YORK

AK ALLEN FACILITY

EXISTING BUILDING LINE



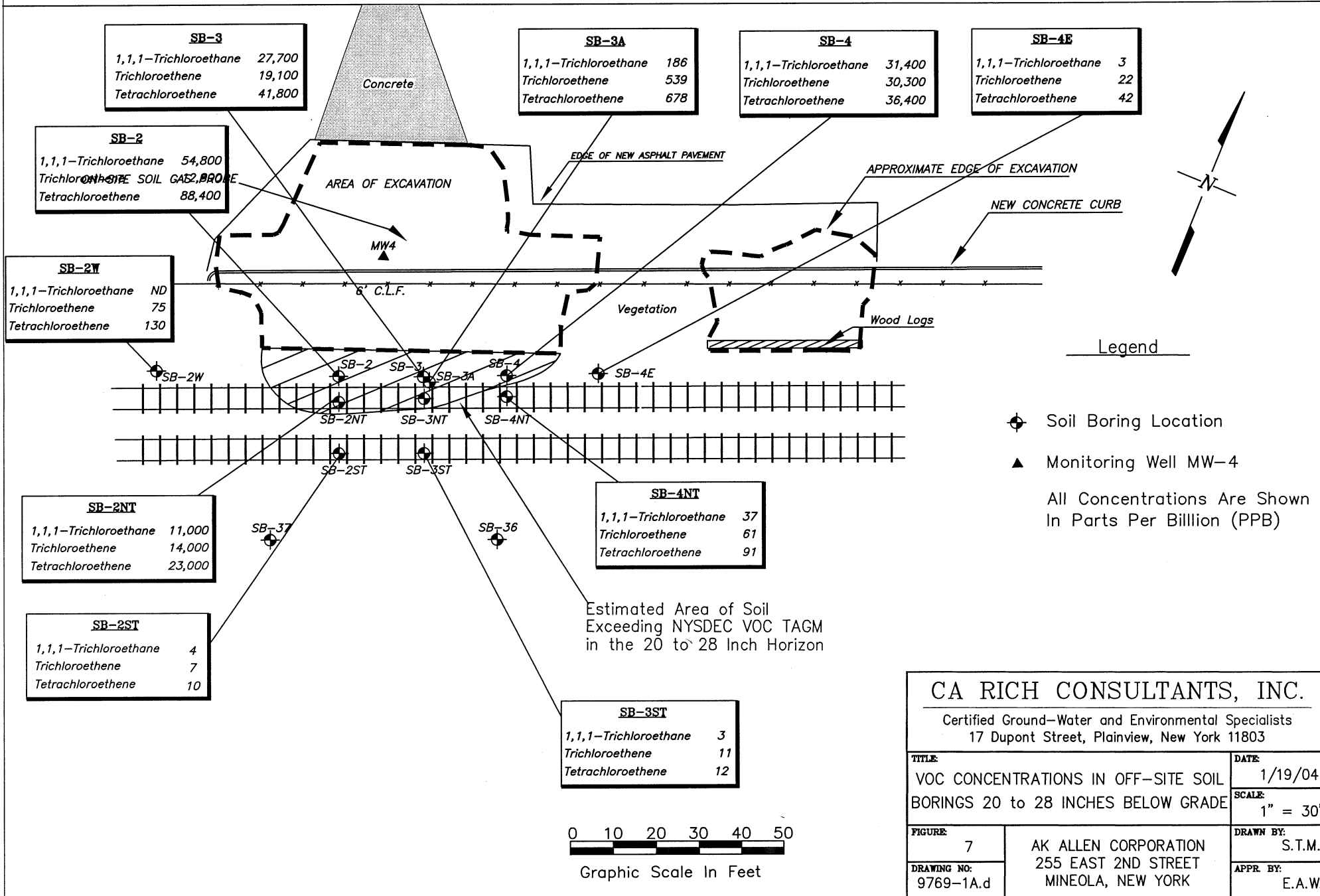
CA RICH CONSULTANTS, INC.

Certified Ground-Water and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

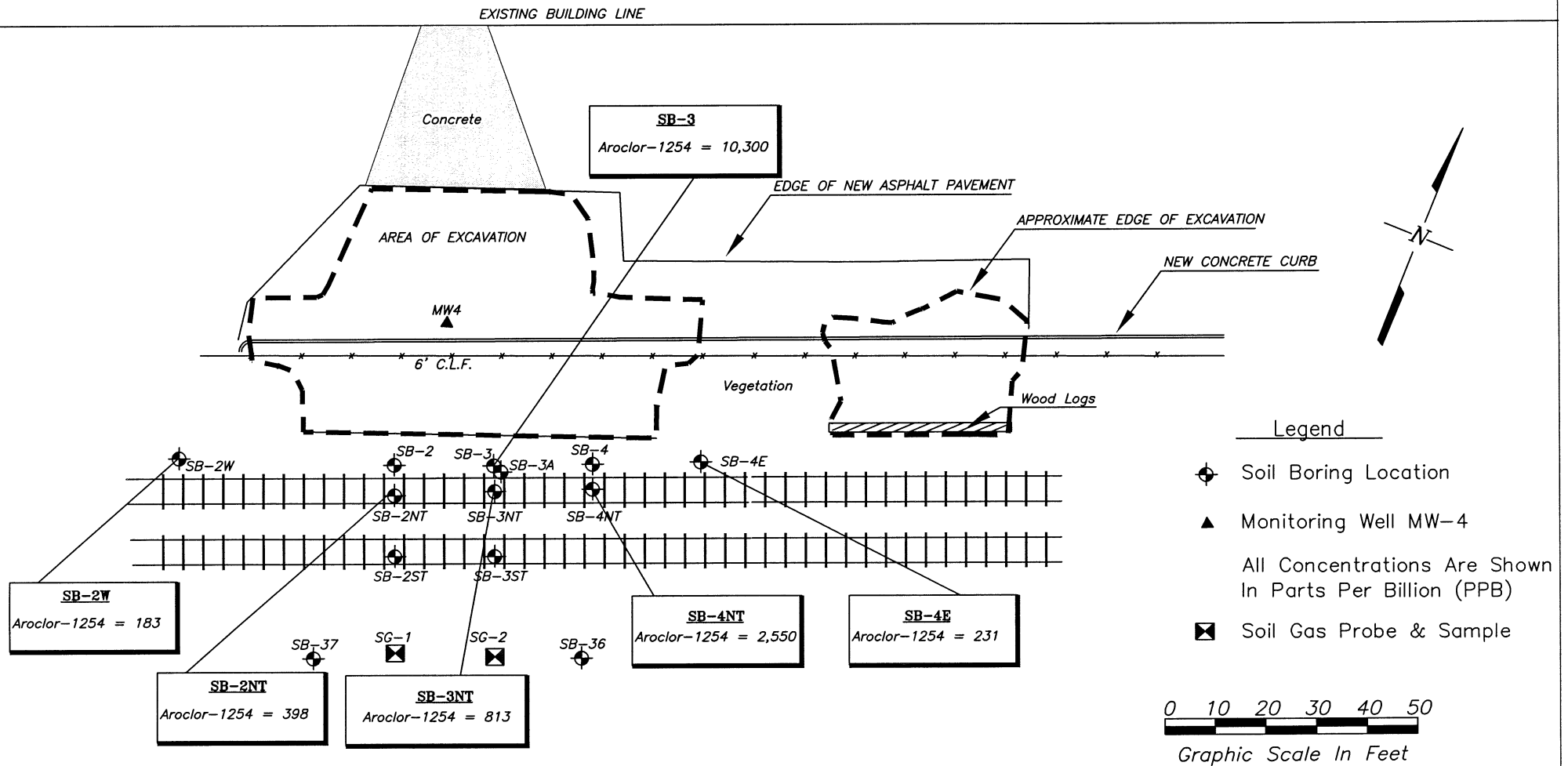
TITLE: PCB CONCENTRATIONS IN OFF-SITE SOIL BORINGS 20 TO 28 INCHES BELOW GRADE		DATE: 1/19/04
FIGURE: 6		SCALE: 1" = 30'
DRAWING NO: 9769-1A.a	AK ALLEN CORPORATION 255 EAST 2ND STREET MINEOLA, NEW YORK	
	DRAWN BY: S.T.M.	APPR. BY: E.A.W.

AK ALLEN FACILITY

EXISTING BUILDING LINE



AK ALLEN FACILITY



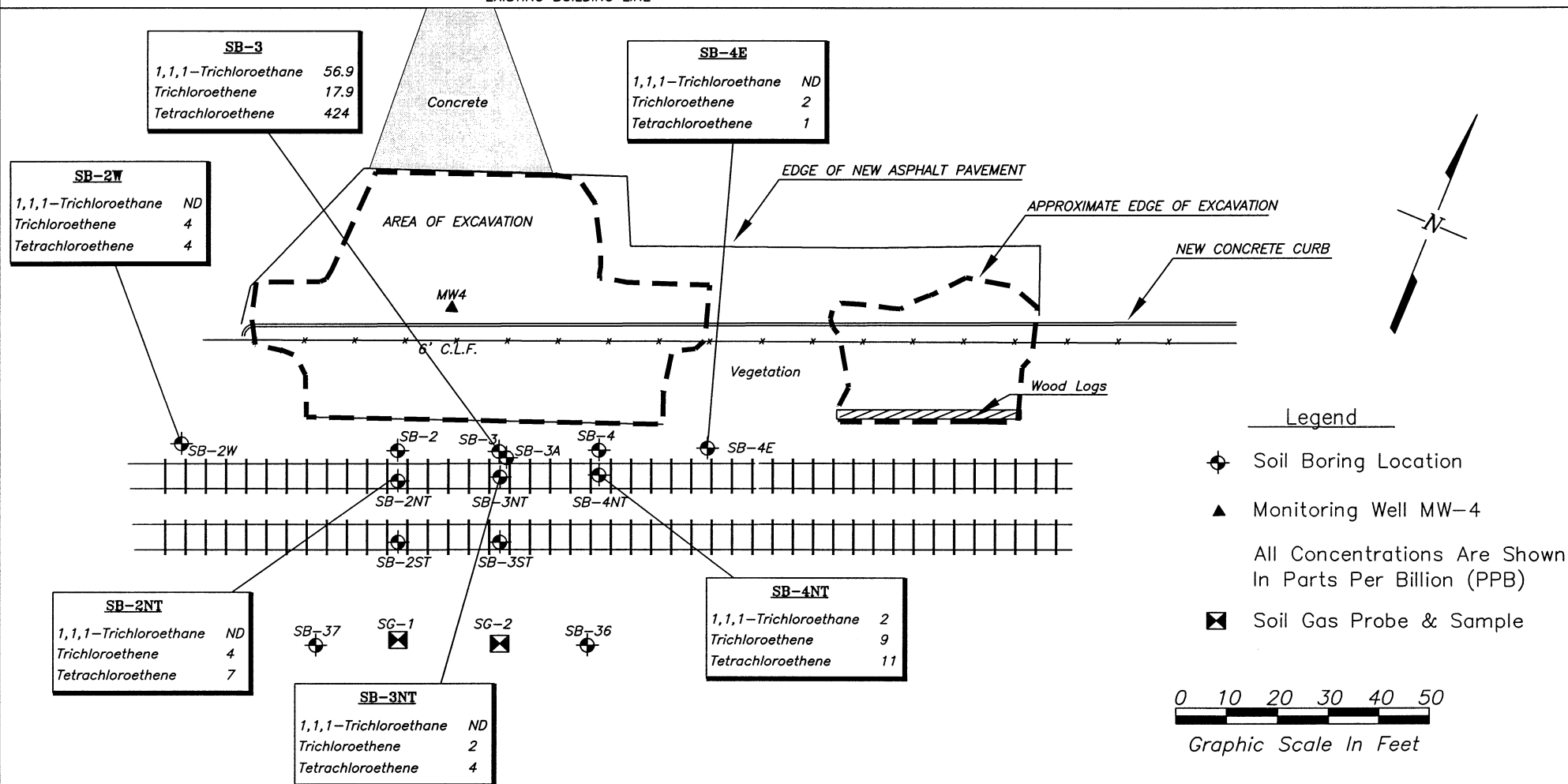
CA RICH CONSULTANTS, INC.

Certified Ground-Water and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: PCB CONCENTRATIONS IN OFF-SITE SOIL BORINGS 36 TO 42 INCHES BELOW GRADE		DATE: 1/16/04
FIGURE: 8		SCALE: 1" = 30'
DRAWING NO: 9769-1A.b	AK ALLEN CORPORATION 255 EAST 2ND STREET MINEOLA, NEW YORK	DRAWN BY: S.T.M.
		APPR. BY: E.A.W.

AK ALLEN FACILITY

EXISTING BUILDING LINE

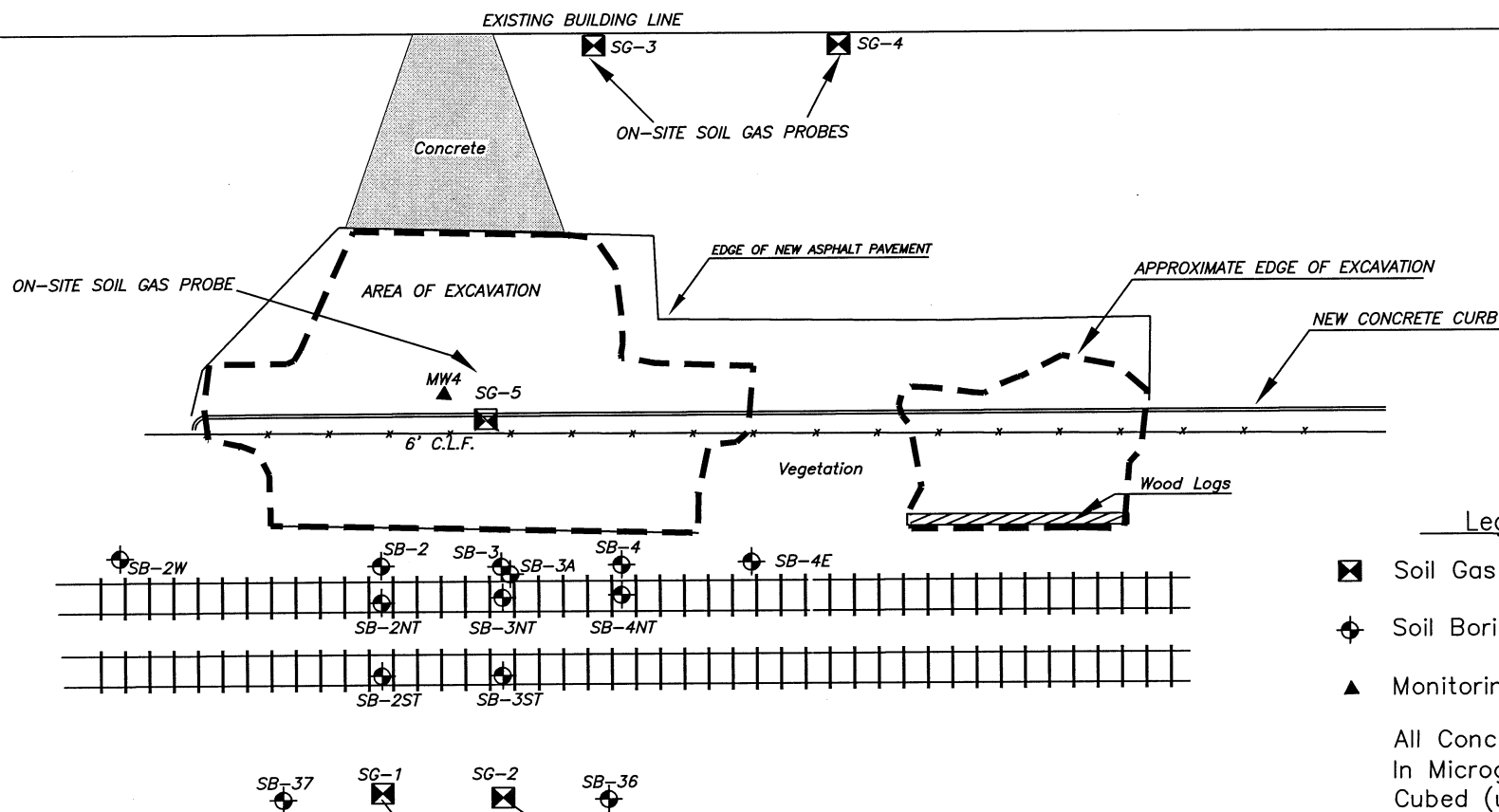


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TITLE:		DATE:
VOC CONCENTRATIONS IN OFF-SITE SOIL BORINGS 36 TO 42 INCHES BELOW GRADE		1/19/04
FIGURE:		SCALE:
9		1" = 30'
DRAWING NO:		DRAWN BY:
9769-1A.c		S.T.M.
		APPR. BY:
		E.A.W.

AK ALLEN FACILITY

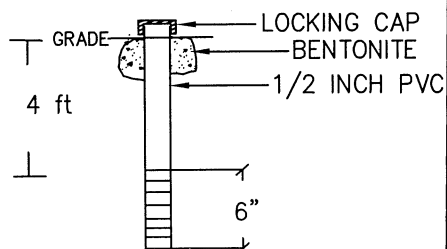


Legend

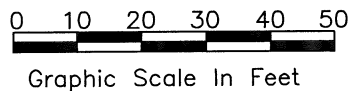
- ☒ Soil Gas Probe & Sample
- ⊕ Soil Boring Location
- ▲ Monitoring Well MW-4

All Concentrations Are Shown
In Micrograms per Meter
Cubed (ug/m³)

PROFILE



SG-1		SG-2	
1,1,1-Trichloroethane	ND	1,1,1-Trichloroethane	ND
Trichloroethene	ND	Trichloroethene	ND
Tetrachloroethene	ND	Tetrachloroethene	ND
MTBE	73 ug/m ³	MTBE	62 ug/m ³

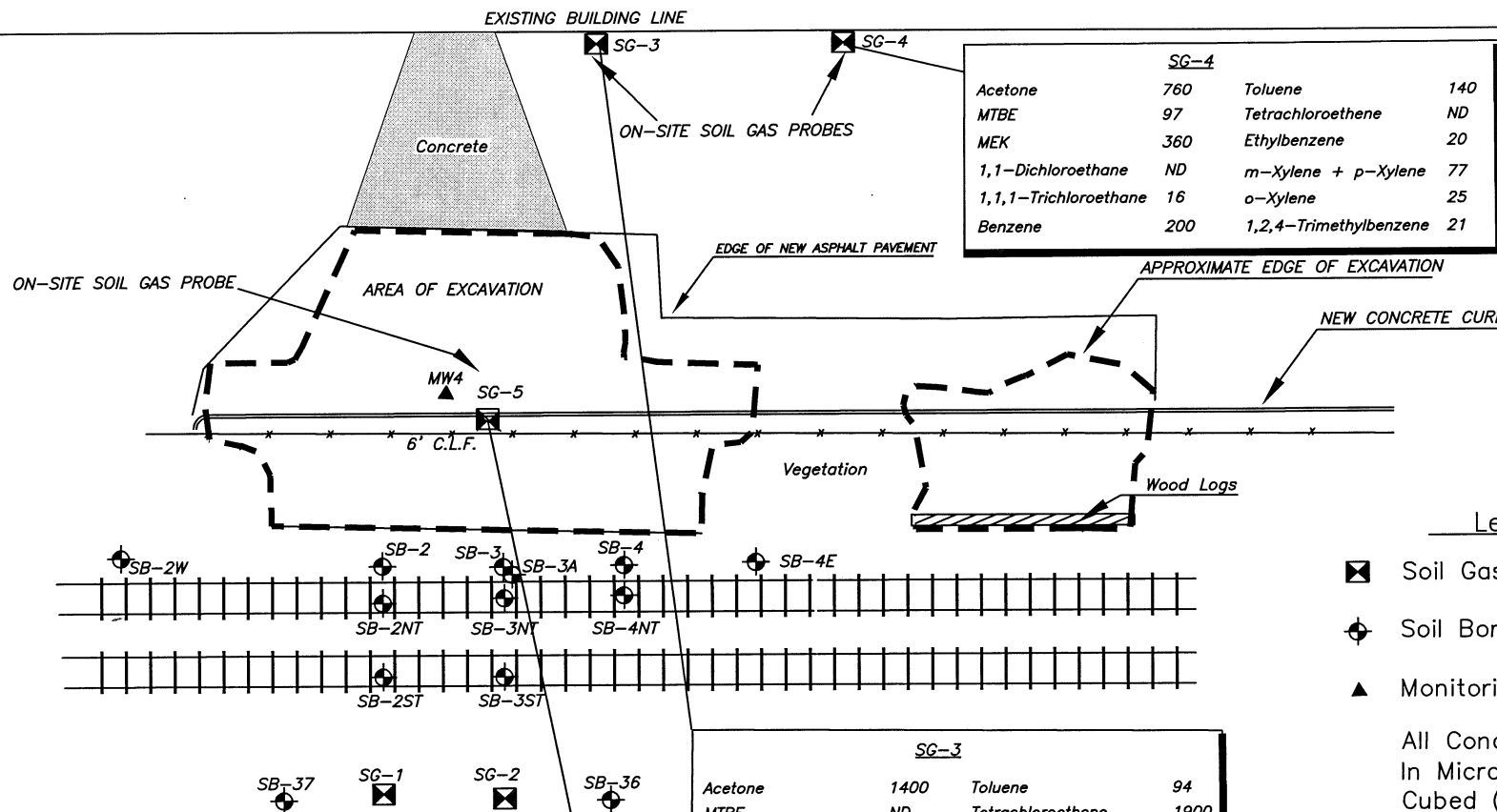


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17 Dupont Street, Plainview, New York 11803

TITLE: VOC CONCENTRATIONS IN SOIL GAS SAMPLES SG-1 and SG-2		DATE: 4/28/04
FIGURE: 10		SCALE: 1" = 30'
DRAWING NO: 9769-1A.S	AK ALLEN CORPORATION 255 EAST 2ND STREET MINEOLA, NEW YORK	DRAWN BY: S.T.M.
		APPR BY: E.A.W.

AK ALLEN FACILITY

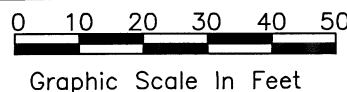
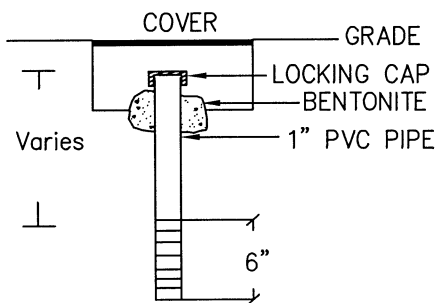


SG-4			
Acetone	760	Toluene	140
MTBE	97	Tetrachloroethene	ND
MEK	360	Ethylbenzene	20
1,1-Dichloroethane	ND	m-Xylene + p-Xylene	77
1,1,1-Trichloroethane	16	o-Xylene	25
Benzene	200	1,2,4-Trimethylbenzene	21

SG-3			
Acetone	1400	Toluene	94
MTBE	ND	Tetrachloroethene	1900
MEK	7300	Ethylbenzene	ND
1,1-Dichloroethane	540	m-Xylene + p-Xylene	ND
1,1,1-Trichloroethane	1900	o-Xylene	ND
Benzene	97	1,2,4-Trimethylbenzene	ND

SG-5			
Acetone	1900	Toluene	79
MTBE	ND	Tetrachloroethene	9400
MEK	6600	Ethylbenzene	ND
1,1-Dichloroethane	ND	m-Xylene + p-Xylene	ND
1,1,1-Trichloroethane	4400	o-Xylene	ND
Benzene	ND	1,2,4-Trimethylbenzene	ND

PROFILE



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17 Dupont Street, Plainview, New York 11803

TITLE: VOLATILE CONCENTRATION IN SOIL GAS SAMPLES SG-3, SG-4 AND SG-5		DATE: 4/28/04
FIGURE: 11		SCALE: 1" = 30'
DRAWING NO: 9769-1A.m	AK ALLEN CORPORATION 255 EAST 2ND STREET MINEOLA, NEW YORK	
	DRAWN BY: S.T.M.	
	APPR BY: E.A.W.	

TABLES

Table 1
Summary of Validated Detections - Soil Samples From Borings SB-36 and SB-37
in Post Excavation Soil Boring Samples
A. K. Allen
Mineola, New York

Sample ID Matrix Date Sampled Location Depth	SB-36 Soil 6/30/2003 Soil Boring 0-12 Inches	SB-37 Soil 6/30/2003 Soil Boring 0-12 Inches	*NYSDEC TAGM #4046 Eastern US Background	*NYSDEC TAGM #4046 Cleanup Objective
Parameters				
TAL Metals	<u>mg/Kg</u>	<u>mg/Kg</u>	<u>mg/Kg</u>	<u>mg/Kg</u>
Arsenic	9.5	4	3 to 12	7.5
Barium	38.7	<23	15 to 600	300
Cadmium	0.67	<0.58	0.1 to 1	1(10**)
Chromium	32.9	20.6	1.5 to 40	10 (50**)
Lead	172	26.3	200 to 500	NGV
Mercury	0.12	0.053	0.001 to 0.2	0.1
Selenium	<1.3	1.2	0.1 to 3.9	2
Silver	<1.3	<1.2	NGV	NGV
PCBs	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>
Aroclor 1254	ND	ND	NGV	10,000
VOCs	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>
Acetone	ND	ND	NGV	200
Benzene	ND	ND	NGV	60
Chloroform	ND	ND	NGV	300
Chloroethane	ND	ND	NGV	1,900
1,1-Dichloroethane	ND	ND	NGV	200
1,2-Dichloroethane	ND	ND	NGV	200
1,1-Dichloroethene	ND	ND	NGV	400
cis-1,2-Dichloroethene	ND	ND	NGV	NGV
trans-1,2-Dichloroethene	ND	ND	NGV	300
Ethylbenzene	ND	ND	NGV	5,500
Methylene Chloride	ND	ND	NGV	100
Tetrachloroethene	ND	ND	NGV	1,400
Toluene	ND	ND	NGV	1,500
1,1,1-Trichloroethane	4.4 J	ND	NGV	800
Trichloroethene	ND	ND	NGV	700
1,1,2-Trichloroethane	ND	ND	NGV	NGV
SVOCs	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>
Acenaphthylene	ND	ND	NGV	41000
Anthracene	26.7 J	ND	NGV	50,000
Benzo(a)anthracene	101	40.4 J	NGV	224
Benzo(a)pyrene	104	44 J	NGV	61
Benzo(b)fluoranthene	237	94.5	NGV	1,100
Benzo(g,h,i)perylene	52.2 J	34.0 J	NGV	50,000
Benzo(k)fluoranthene	71.0 J	31.7 J	NGV	1,100
Carbazole	23.1 J	ND	NGV	NGV
Chrysene	162	70.6 J	NGV	400
Dibenzofuran	ND	ND	NGV	6,200
Fluoranthene	269	117	NGV	50,000
Fluorene	ND	ND	NGV	50,000
Indeno(1,2,3-cd)pyrene	61.1 J	34.7 J	NGV	3,200
2-Methylnaphthlene	43.4 J	ND	NGV	36,400
Naphthelene	26.6 J	ND	NGV	13,000
Phenathrene	151	50.0 J	NGV	50,000
Pyrene	199	81.3	NGV	50,000
Bis(2-ethylhexyl)phthalate	262	276	NGV	50,000
Butyl benzyl phthalate	27.8 J	ND	NGV	50,000

Notes:

Boxed values exceed TAGM and Eastern US Background

NGV - No Given Value

B-The reported value is less than the Contract Required Limit

J-Estimated value when the results was less than the specified detection limit but greater than zero

(50**) - Draft TAGM cleanup objective

ND -The analyte was analyzed for, but was not detected above the method detection limit

< Indicates that the method detection limit for specific compound.

All concentrations are reported in milligrams per kilogram (mg/kg or parts per million) and microgram per kilogram (ug/kg or parts per billion).

This table was originally included in the IRM Report. The "Raw" laboratory data used to create this table is included in our IRM Report.

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* NYSDEC Technical are Administrative Guidance
Memorandum: Determination of Soil Cleanup
Objectives and Cleanup Levels; January 24, 1994.

Table 2
Summary of Detections - Soil Samples From Borings SB-2, SB-3, and SB-4
in Post Excavation Soil Boring Samples
A. K. Allen
Mineola, New York

Sample ID Matrix Date Sampled Location Depth	SB-2 Soil 6/30/2003 Soil Boring 24-28 Inches	SB-3 Soil 6/30/2003 Soil Boring 24-28 Inches	SB-3 Soil 6/30/2003 Soil Boring 36-40 Inches	SB-3A Soil 6/30/2003 Soil Boring 24-28 Inches	SB-4 Soil 6/30/2003 Soil Boring 24-28 Inches	*NYSDEC TAGM #4046 Eastern US Background	*NYSDEC TAGM #4046 Cleanup Objective
Parameters							
TAL Metals	<u>mg/Kg</u>	<u>mg/Kg</u>	<u>mg/Kg</u>	<u>mg/Kg</u>	<u>mg/Kg</u>	<u>mg/Kg</u>	<u>mg/Kg</u>
Arsenic	91.8	15.3	<1.0	19.6	16.6	3 to 12	7.5
Barium	259	82.7	<20	25.5	91.6	15 to 600	300
Cadmium	<0.67	7.5	<0.51	5.4	<0.62	0.1 to 1	1(10**)
Chromium	52.1	63.5	7.5	8.5	14.2	1.5 to 40	10 (50**)
Lead	264	115	6.2	105	183	200 to 500	NGV
Mercury	<0.038	0.049	<0.032	0.054	0.065	0.001 to 0.2	0.1
Selenium	2.3	1.4	<1.0	1.5	1.6	0.1 to 3.9	2
Silver	<1.3	<1.2	<1.0	<1.2	<1.2	NGV	NGV
PCBs	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>
Aroclor 1254	41500	91700	10300	4250	63300	NGV	10,000
VOCs	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>
Acetone	ND	ND	ND	ND	ND	NGV	200
Benzene	2.2	ND	ND	ND	ND	NGV	60
Chloroform	12.5	3.7 J	ND	ND	7.5	NGV	300
Chloroethane	ND	ND	ND	ND	ND	NGV	1,900
1,1-Dichloroethane	2750	422	ND	55.2	6240	NGV	200
1,2-Dichloroethane	56.2	22.3	ND	6.1 J	37.4	NGV	200
1,1-Dichloroethene	94.4 J	104	ND	4.2 J	242	NGV	400
cis-1,2-Dichloroethene	332	25.8	ND	19	21.3	NGV	NGV
trans-1,2-Dichloroethene	19.2	5.9 J	ND	5.5 J	4.9 J	NGV	300
Ethylbenzene	ND	ND	ND	ND	ND	NGV	5,500
Methylene Chloride	54.4	99	ND	ND	23.2	NGV	100
Tetrachloroethene	88400	41800	424	678	36400	NGV	1,400
Toluene	17.9	ND	ND	ND	3.2	NGV	1,500
1,1,1-Trichloroethane	54800	27700	56.9	186	31400	NGV	800
Trichloroethene	12800	19100	17.9	539	30300	NGV	700
1,1,2-Trichloroethane	144	18.5	ND	6.1 J	73.4	NGV	NGV
SVOCs	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>
Acenaphthylene	ND	ND	ND	34.4 J	ND	NGV	41000
Anthracene	ND	ND	ND	408	ND	NGV	50,000
Benzo(a)anthracene	286 J	ND	ND	307	ND	NGV	224
Benzo(a)pyrene	ND	ND	ND	716	ND	NGV	61
Benzo(b)fluoranthene	ND	ND	ND	478	ND	NGV	1,100
Benzo(g,h,i)perylene	ND	1210	ND	360	939	NGV	50,000
Benzo(k)fluoranthene	ND	ND	ND	159	ND	NGV	1,100
Carbazole	ND	ND	ND	177	ND	NGV	NGV
Chrysene	806	1370	ND	750	ND	NGV	400
Dibenzofuran	ND	ND	ND	32.9 J	ND	NGV	6,200
Fluoranthene	ND	ND	ND	160	704	NGV	50,000
Fluorene	ND	ND	ND	44.6 J	ND	NGV	50,000
Indeno(1,2,3-cd)pyrene	ND	958	ND	ND	ND	NGV	3,200
2-Methylnaphthlene	ND	ND	ND	59.9 J	ND	NGV	36,400
Naphthelene	ND	ND	ND	29.1 J	ND	NGV	13,000
Phenathrene	ND	ND	ND	221	ND	NGV	50,000
Pyrene	ND	3020	ND	551	2230	NGV	50,000
Bis(2-ethylhexyl)phthalate	3490	2910	ND	ND	2320	NGV	50,000
Butyl benzyl phthalate	ND	ND	ND	ND	ND	NGV	50,000

Notes:

Boxed values exceed TAGM and Eastern US Background

NGV - No Given Value

B-The reported value is less than the Contract Required Limit

J-Estimated value when the results was less than the specified detection limit but greater than zero

(50**) - Draft TAGM cleanup objective

ND -The analyte was analyzed for, but was not detected above the method detection limit

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All concentrations are reported in milligrams per kilogram (mg/kg or parts per million) and microgram per kilogram (ug/kg or parts per billion).

This table was originally included in the IRM Report. The "Raw" laboratory data used to create this table is included in our IRM Report.

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* NYSDEC Technical are Administrative Guidance

Memorandum: Determination of Soil Cleanup

Objectives and Cleanup Levels; January 24, 1994.

Table 3
Summary of Validated Detections in Soil Borings SB-2W, SB-2NT,SB-3NT -
Volatile Organic Compounds, Semivolatile Organic Compounds, PCB's, and Metals
A K Allen
Mineola, New York

1 of 3

Sample ID Location Matrix Depth in inches Date Sampled	SB2W2026 SB-2W Soil 20-26 10/14/2003	SB2WDL2026 SB-2W Soil 20-26 10/14/2003	SB2W3642 SB-2W Soil 36-42 10/14/2003	SB2NT2026 SB-2NT Soil 20-26 10/14/2003	SB2NTDL2026 SB-2NT Soil 20-26 10/14/2003	SB2NT3642 SB-2NT Soil 36-42 10/14/2003	SB3NT2026 SB-3NT Soil 20-26 10/14/2003	SB3NTDL2026 SB-3NT Soil 20-26 10/14/2003	SB3NT3642 SB-3NT Soil 36-42 10/14/2003	SB4NT2026 SB-4NT Soil 20-26 10/14/2003	NYSDEC TAGM Number 4046 ug/kg
Volatile Organic Compounds											
Parameters (Compounds reported in ug/kg)											
Acetone	NDJ	NDJ	ND	NDJ	ND	4J	ND	ND	ND	NDJ	200
Dichlorofluoromethane	NDJ	NDJ	ND	NDJ	ND	ND	ND	ND	ND	NDJ	NGV
Chloromethane	NDJ	NDJ	ND	ND	ND	ND	ND	ND	ND	NDJ	NGV
Trichlorofluoromethane	NDJ	NDJ	ND	24J	ND	ND	ND	ND	ND	NDJ	NGV
1,1-Dichloroethene	NDK	NDJ	ND	5J	ND	ND	ND	ND	ND	NDJ	400
Methylene Chloride	NDJ	NDJ	ND	ND	NDD	ND	ND	ND	ND	NDJ	100
trans- 1,2-Dichloroethene	NDJ	NDJ	ND	24J	390JD	ND	68JD	170JD	ND	NDJ	300
1,1 Dichloroethane	NDJ	NDJ	ND	33J	450JD	ND	160D	380JD	ND	3J	200
2-Butanone	NDJ	NDJ	ND	NDJ	ND	ND	ND	ND	ND	NDJ	300
cis-1,2- Dichloroethene	NDJ	NDJ	ND	140J	2100D	ND	130JD	370JD	ND	NDJ	NGV
Chloroform	NDJ	NDJ	ND	2J	ND	ND	ND	ND	ND	NDJ	300
1,1,1-Trichloroethane	3J	NDJ	ND	180J	11000D	ND	4500D	9000D	ND	37J	800
Carbon Tetrachloride	NDJ	NDJ	ND	32J	ND	ND	ND	ND	ND	6J	600
1,2-Dichloroethane	NDJ	NDJ	ND	8J	160JD	ND	61JD	ND	ND	NDJ	100
Trichloroethene	28J	75DJ	4J	590EJ	14000D	4J	9600E	20000D	2J	61J	700
Toluene	NDJ	NDJ	ND	NDJ	ND	ND	27JD	ND	ND	NDJ	1500
1,1,2-Trichloroethane	NDJ	NDJ	ND	32J	1100D	ND	1600	360JD	ND	NDJ	NGV
Tetrachloroethene	49J	130DJ	4J	1400EJ	23000D	7	8200DE	16000D	4J	91J	1400
m,p-Xylene	NDJ	NDJ	ND	NDJ	ND	ND	79JD	ND	ND	NDJ	1200
1,3,5-Trimethylbenzene	NDJ	NDJ	ND	NDJ	ND	ND	89JD	ND	ND	NDJ	NGV
1,2,4-Trimethylbenzene	NDJ	NDJ	ND	NDJ	ND	ND	95JD	ND	ND	NDJ	3400
Semivolatile Organics Compounds											
USEPA Method 8260											
Parameters (Compounds reported in ug/kg)											
Naphthalene	ND	ND	ND	76J	ND	ND	250J	ND	ND	73J	13000
4-Chloro-3-methylphenol	ND	ND	ND	38J	ND	ND	1000	1400B	ND	47J	240
2-Methylnaphthalene	ND	ND	ND	150J	200JD	ND	380J	ND	ND	120J	36400
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	120J	ND	ND	ND	100
Acenaphthylene	ND	ND	ND	260J	590JD	ND	860J	1200JD	ND	170J	41000
Acenaphthene	ND	ND	ND	ND	ND	ND	150J	ND	ND	58J	50000
Dibenzofuran	ND	ND	ND	75J	ND	ND	380J	ND	ND	100J	6200
Fluorene	ND	ND	ND	ND	ND	ND	730J	920JD	ND	72J	50000
Pentachlorophenol	ND	ND	ND	ND	ND	ND	1100	ND	ND	88J	1000
Phenanthrene	45J	ND	ND	400	480JD	ND	2200J	2200JD	56J	440	50000
Anthracene	ND	ND	ND	300J	390JD	ND	5500J	5600JD	250J	470	50000
Fluoranthene	ND	ND	ND	360J	500JD	ND	2300J	2500JD	59J	960	50000
Pyrene	60J	ND	ND	420	640JD	ND	2700J	3300JD	96J	1400	50000
Benzo[a]anthracene	45J	ND	ND	310J	370JD	ND	1100J	1300JD	36J	740	224
bis(2-Ethylhexyl)phthalate	150J	210JD	110J	190J	310JD	83J	1200J	1300JD	160J	190J	50000
Chrysene	100J	NDJD	ND	780J	980JD	ND	2000J	2200JD	71J	1100J	400
Benzo[b]fluoranthene	NDJ	ND	ND	980J	1300JD	ND	1800J	1900JD	ND	1200J	1100
Benzo[k]fluoranthene	NDJ	ND	ND	620J	680JD	ND	1500J	1400JD	ND	740J	1100
Benzo[a]pyrene	230J	ND	ND	1200J	300JD	ND	2400J	ND	42J	680J	61
Indeno[1,2,3-cd]pyrene	ND	ND	ND	290J	340JD	ND	1100J	900JD	ND	350J	3200
Dibenzo[a,h]anthracene	ND	ND	ND	140J	NDJ	ND	NDJ	NDJ	ND	180J	14
Benzo[g,h,i]perylene	120J	ND	ND	290J	340JD	ND	1100J	970JD	79J	460J	50000
Polychlorinated biphenyls (PCB's)											
USEPA Method 8082											
Parameters (ug/kg)											
Aroclor-1254	2950	NA	183	3210	NA	398	9010E	10200D	813	3100	10000
Metals											
Parameters (Metals Reported in mg/kg)											(mg/kg)
Arsenic	28.2	NA	2.58	31.4	NA	1.59	39.7	NA	3.42	15.2	7.5
Barium	29.6	NA	9.01	53.3	NA	10.7	27.9	NA	12.2	28.6	300
Cadmium	1.05	NA	ND	37.8	NA	ND	7.85	NA	ND	1.37	10.0
Chromium	9.85J	NA	3.16J	28.1J	NA	5.24J	18.8J	NA	5.86J	12.7J	50.0
Lead	53.6J	NA	4.47J	207J	NA	5.47J	179J	NA	11.7J	89.2J	SB
Mercury	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	0.1
Selenium	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	2.0
Silver	ND	NA	ND	ND	NA	ND	ND	NA	ND	ND	SB

ND = Compound Was Analyzed But Not Detected

NA = Not Analyzed

NS = No Standard or Guidance Value

B = Compound Found in Associated Blank

J = Compound Concentration is estimated

D = Sample was diluted

E = Value Exceeded the GC Column

SB = Site Background

The Analyte Exceeds NYSDEC TAGM Value

* NYSDEC Technical and Administrative Guidance
Memorandum: Determination of Soil Cleanup
Objectives and Cleanup Levels; January 24, 1994.

Table 3 (continued)
Summary of Validated Detections - Soil Samples From Borings SB-4NT, SB-4E, SB-3
A K Allen
Mineola, New York

2 of 3

Sample ID Location Matrix Depth in inches Date Sampled	SB4NT3642 SB-4NT Soil 36-42 10/14/2003	SB4NT54-60 SB-4NT Soil 54-60 10/17/2004	SB4E2026 SB-4E Soil 20-26 10/14/2003	SB4E2026DL SB-4E Soil 20-26 10/14/2003	SB4E3642 SB-4E Soil 36-42 10/14/2003	SB3A3642 SB-3NT Dup. Soil 36-42 10/14/2003	SB3 9" SB-3 Soil 9" 10/14/2003	FB Field Blank Water 10/14/2003	TB Trip Blank Water 10/14/2003	NYSDEC TAGM Number 4046 ug/kg
Volatile Organic Compounds										
Parameters (Compounds reported in ug/kg)										
Acetone	NDJ	NA	NDJ	ND	15	8	NDJ	ND	ND	200
Dichlorofluoromethane	NDJ	NA	NDJ	28B	ND	ND	NDJ	ND	ND	NGV
Chloromethane	NDJ	NA	NDJ	2J	ND	ND	NDJ	ND	ND	NGV
Trichlorofluoromethane	NDJ	NA	NDJ	ND	ND	ND	12J	ND	ND	NGV
1,1-Dichloroethene	NDJ	NA	NDJ	ND	ND	ND	NDJ	ND	ND	400
Methylene Chloride	NDJ	NA	NDJ	16B	ND	ND	NDJ	ND	ND	100
trans- 1,2-Dichloroethene	NDJ	NA	NDJ	ND	ND	ND	NDJ	ND	ND	300
1,1 Dichloroethane	NDJ	NA	NDJ	ND	ND	ND	NDJ	ND	ND	200
2-Butanone	NDJ	NA	NDJ	ND	ND	ND	NDJ	ND	ND	300
cis-1,2- Dichloroethene	NDJ	NA	NDJ	ND	ND	ND	NDJ	ND	ND	NGV
CHloroform	NDJ	NA	NDJ	ND	ND	ND	NDJ	ND	ND	300
1,1,1-Trichloroethane	2J	NA	3J	2J	ND	ND	NDJ	ND	ND	800
Carbon Tetrachloride	NDJ	NA	NDJ	ND	ND	ND	NDJ	ND	ND	600
1,2-Dichloroethane	NDJ	NA	NDJ	ND	ND	ND	NDJ	ND	ND	100
Trichloroethene	9J	NA	22	26	2J	8	4J	ND	ND	700
Toluene	NDJ	NA	NDJ	ND	2J	ND	NDJ	ND	ND	1500
1,1,2-Trichloroethane	NDJ	NA	NDJ	ND	ND	ND	NDJ	ND	ND	NGV
Tetrachloroethene	11J	NA	42J	51	1J	9	16J	ND	ND	1400
m,p-Xylene	NDJ	NA	NDJ	ND	ND	ND	NDJ	ND	ND	1200
1,3,5-Trimethylbenzene	NDJ	NA	NDJ	ND	ND	ND	NDJ	ND	ND	NGV
1,2,4-Trimethylbenzene	NDJ	NA	NDJ	ND	ND	ND	NDJ	ND	ND	NGV
Semivolatile Organics Compounds										
USEPA Method 8260										
Parameters (Compounds reported in ug/kg)										
Naphthalene	64J	81J	ND	ND	ND	ND	62J	ND	NA	13000
4-Chloro-3-methylphenol	44J	81J	ND	ND	ND	ND	230J	ND	NA	240
2-Methylnaphthalene	100J	140J	ND	ND	ND	ND	62J	ND	NA	36400
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	NDJ	ND	NA	100
Acenaphthylene	140J	370J	ND	ND	ND	ND	82J	ND	NA	41000
Acenaphthene	51J	76J	ND	ND	ND	ND	79J	ND	NA	50000
Dibenzofuran	90J	140J	ND	ND	ND	ND	67J	ND	NA	6200
Fluorene	65J	150J	ND	ND	ND	ND	78J	ND	NA	50000
Pentachlorophenol	ND	77J	ND	ND	ND	ND	140J	ND	NA	1000
Phenanthrene	380J	660	ND	ND	ND	44J	790J	ND	NA	50000
Anthracene	370J	770	ND	ND	ND	110J	330J	ND	NA	50000
Fluoranthene	830	1300	ND	ND	ND	53J	940J	ND	NA	50000
Pyrene	1200	2500	230J	360JD	49J	110J	1500J	ND	NA	50000
Benzo[a]anthracene	630	930	250J	320JD	ND	ND	530J	ND	NA	224
bis(2-Ethylhexyl)phthalate	160J	410	110J	ND	68J	130J	1400J	ND	NA	50000
Chrysene	870J	1300	570J	780JD	ND	66J	700J	ND	NA	400
Benzo[b]fluoranthene	940J	1500	320J	360JD	ND	50J	920J	ND	NA	1100
Benzo[k]fluoranthene	680J	1000	190J	300JD	ND	ND	710J	ND	NA	1100
Benzo[a]pyrene	510J	720	2000J	1000JD	ND	ND	620J	ND	NA	4
Indeno[1,2,3-cd]pyrene	300J	340J	170J	NDJ	ND	37J	260J	ND	NA	3200
Dibenzo[a,h]anthracene	120J	140J	220J	280JD	ND	ND	110J	ND	NA	14
Benzo[g,h,i]perylene	310J	300J	610J	700JD	48J	67J	310J	ND	NA	50000
Polychlorinated biphenyls (PCB's)										
USEPA Method 8082										
Parameters (ug/kg)										
Aroclor-1254	2550	NA	1020	NA	231	663	51200D	ND	NA	10000
Metals										
Parameters (Metals Reported in mg/kg)										(mg/kg)
Arsenic	4.88	NA	48.7	NA	1.75	3.48	11.7	ND	NA	7.5
Barium	20.1	NA	28.0	NA	7.95	16.5	147	ND	NA	300
Cadmium	0.952	NA	ND	NA	ND	0.764	14.4	ND	NA	10.0
Chromium	13.4J	NA	9.93J	NA	4.36J	6.51J	422J	ND	NA	50.0
Lead	44.4J	NA	36.9J	NA	5.75J	16.9J	814J	ND	NA	SB
Mercury	ND	NA	ND	NA	ND	ND	0.452	ND	NA	0.1
Selenium	ND	NA	ND	NA	ND	ND	ND	ND	NA	2.0
Silver	ND	NA	ND	NA	ND	ND	1.6	ND	NA	SB

ND = Compound Was Analyzed But Not Detected

NA = Not Analyzed

NS = No Standard or Guidance Value

B = Compound Found in Associated Blank

J = Compound Concentration is estimated

D = Sample was diluted

E = Value Exceeded the GC Column

SB = Site Background

The Analyte Exceeds NYSDEC TAGM Value

* NYSDEC Technical and Administrative Guidance
Memorandum: Determination of Soil Cleanup
Objectives and Cleanup Levels; January 24, 1994.

Table 3 (Continued)
Summary of Validated Detections in Soil Borings SB3 20 - SPLP Volatile Organic Compounds and PCB's
A K Allen
Mineola, New York

3 of 3

Sample ID Location Matrix Depth in inches Date Sampled	SB3 20" SB-3 Soil 20" 10/14/2003
SPLP-Volatile Organic Compounds <u>Parameters</u> (Compounds reported in ug/L)	
Acetone	ND
Dichlorofluoromethane	ND
Chloromethane	ND
Trichlorofluoromethane	ND
1,1-Dichloroethene	ND
Methylene Chloride	ND
trans- 1,2-Dichloroethene	ND
1,1 Dichloroethane	17
2-Butanone	1J
cis-1,2- Dichloroethene	2J
Chloroform	ND
1,1,1-Trichloroethane	100
Carbon Tetrachloride	ND
1,2-Dichloroethane	2J
Trichloroethene	38
Toluene	ND
1,1,2-Trichloroethane	2J
Tetrachloroethene	56
m,p-Xylene	ND
1,3,5-Trimethylbenzene	ND
1,2,4-Trimethylbenzene	ND
SPLP-Polychlorinated biphenyls (PCB's) USEPA Method 8082 <u>Parameters</u> (ug/L)	
Aroclor-1254	1.25

ND = Compound Was Analyzed But Not Detected

NA = Not Analyzed

NS = No Standard or Guidance Value

B = Compound Found in Associated Blank

J = Compound Concentration is estimated

SB = Site Background

The Analyte Exceeds NYSDEC TAGM Value

Table 4
Summary of Validated Detections - Soil Samples From Borings SB-2ST and SB-3ST
A K Allen
Mineola, New York

Sample ID Location Matrix Depth in inches Date Sampled	SB-2ST Off-site Soil 20-26" 11/22/2003	**SB-2X Off-site Soil 20-26" 11/22/2003	SB-3ST Off-site Soil 20-26" 11/22/2003	FB Field Blank Water 11/22/2003	TB Trip Blank Water 11/22/2003	*NYSDEC TAGM Number 4046 ug/kg
Volatile Organic Compounds <u>Parameters</u> (Compounds reported in ug/kg)						
Acetone	5JBR	12BR	NDJ	6BR	5JBR	200
Dichlorofluoromethane	29BJ	35BJ	NDJ	NDJ	NDJ	NGV
Chloromethane	NDJ	NDJ	NDJ	ND	ND	NGV
Trichlorofluoromethane	NDJ	NDJ	20J	ND	ND	NGV
1,1-Dichloroethene	NDJ	NDJ	NDJ	ND	ND	400
Carbon disulfide	NDJ	2J	NDJ	ND	ND	2700
Methylene Chloride	NDJ	NDJ	NDJ	NDJ	NDJ	100
trans- 1,2-Dichloroethene	NDJ	NDJ	NDJ	ND	ND	300
1,1 Dichloroethane	NDJ	NDJ	NDJ	ND	ND	200
2-Butanone	NDJ	NDJ	NDJ	ND	ND	300
cis-1,2- Dichloroethene	NDJ	NDJ	NDJ	ND	ND	NGV
Chloroform	NDJ	NDJ	NDJ	1J	1	300
1,1,1-Trichloroethane	4J	6J	3J	ND	ND	800
Carbon Tetrachloride	NDJ	NDJ	NDJ	ND	ND	600
1,2-Dichloroethane	NDJ	NDJ	NDJ	ND	ND	100
Trichloroethene	7J	6J	11J	ND	ND	700
Toluene	NDJ	NDJ	NDJ	ND	ND	1500
1,1,2-Trichloroethane	NDJ	NDJ	NDJ	ND	ND	NGV
Tetrachloroethene	10J	12J	12J	ND	ND	1400
m,p-Xylene	NDJ	NDJ	NDJ	ND	ND	1200
1,3,5-Trimethylbenzene	NDJ	NDJ	NDJ	ND	ND	NGV
1,2,4-Trimethylbenzene	NDJ	NDJ	NDJ	ND	ND	NGV

Notes:

ND = Compound Was Analyzed But Not Detected

NS = No Standard or Guidance Value

B = Compound Found in Associated Blank

J = Compound Concentration is estimated

R = The presence or absence of the analyte cannot be verified

The Analyte Exceeds NYSDEC TAGM Value

****Sample SB-2X is a duplicate of SB-2ST**

** NYSDEC Technical and Administrative Guidance*

Memorandum: Determination of Soil Cleanup

Objectives and Cleanup Levels; January 24, 1994.

Users/Eric/Docs/AKAllen/Tables/Table 4 11-22-03

TABLE 5
Summary of Detections - Soil Gas Samples SG-1 and SG-2
AK ALLEN CO., Inc.
Mineola, NY

Sample ID	SG-1	SG-2
Matrix	Soil Gas	Soil Gas
Date Sampled	12/30/2003	12/30/2003
Depth	4 to 4.5 feet	4 to 4.5 feet
Units	ug/m3	ug/m3
1,1 Dichloroethane	ND	ND
1,1 Dichloroethene	ND	ND
1,1-Dichloropropene	ND	ND
1,2 Dibromoethane	ND	ND
1,2 Dichlorobenzene (v)	ND	ND
1,2 Dichloroethane	ND	ND
1,2 Dichloropropane	ND	ND
1,3 Dichlorobenzene (v)	ND	ND
1,3-Dichloropropane	ND	ND
1,4 Dichlorobenzene (v)	ND	ND
111 Trichloroethane	ND	ND
1112Tetrachloroethane	ND	ND
112 Trichloroethane	ND	ND
1122Tetrachloroethane	ND	ND
123-Trichlorobenzene	ND	ND
123-Trichloropropane	ND	ND
124-Trichlorobenzene (v)	ND	ND
124-Trimethylbenzene	ND	ND
1245 Tetramethylbenz	ND	ND
135-Trimethylbenzene	ND	ND
2,2-Dichloropropane	ND	ND
2-Chlorotoluene	ND	ND
4-Chlorotoluene	ND	ND
Acetone	ND	ND
Benzene	ND	ND
Bromobenzene	ND	ND
Bromochloromethane	ND	ND
Bromodichloromethane	ND	ND
Bromoform	ND	ND
Bromomethane	ND	ND
c-1,2-Dichloroethene	ND	ND
c-1,3Dichloropropene	ND	ND
Carbon Tetrachloride	ND	ND
Chlorobenzene	ND	ND
Chlorodibromomethane	ND	ND
Chlorodifluoromethane	ND	ND
Chloroethane	ND	ND
Chloroform	ND	ND
Chloromethane	ND	ND
Dibromochloropropane	ND	ND
Dibromomethane	ND	ND
Dichlorodifluoromethane	ND	ND
Ethyl Benzene	ND	ND
Freon 113	ND	ND
Hexachlorobutadiene	ND	ND
Isopropylbenzene	ND	ND
m + p Xylene	ND	ND
Methyl Ethyl Ketone	ND	ND
Methylene Chloride	ND	ND
Methylisobutylketone	ND	ND
n-Butylbenzene	ND	ND
n-Propylbenzene	ND	ND
Naphthalene(v)	ND	ND
o Xylene	ND	ND
p Diethylbenzene	ND	ND
p-Ethyltoluene	ND	ND
p-Isopropyltoluene	ND	ND
sec-Butylbenzene	ND	ND
Styrene	ND	ND
t-1,2-Dichloroethene	ND	ND
t-1,3Dichloropropene	ND	ND
ter-ButylMethylEther	73	62
tert-Butylbenzene	ND	ND
Tetrachloroethene	ND	ND
Toluene	ND	ND
Trichloroethylene	ND	ND
Trichlorofluoromethane	ND	ND
Vinyl Chloride	ND	ND

TABLE 6
SUMMARY OF WATER TABLE ELEVATIONS

AK Allen Co., Inc.
Mineola, NY

Monitoring Well ID	Casing Elevation* Above MSL (Ft.)	Depth to Top of Well Screen in feet	Depth to Bottom of Well Screen in feet	Elevation of top of screen in feet (MSL)	Elevation of bottom of screen in feet (MSL)	9/26/2003	
						Depth to Water	GW Elevation in feet (MSL)*
IRM-MW-1	111.52	50	65	61.52	46.52	53.23	58.29
IRM-MW-2	111.78	50	65	61.78	46.78	53.69	58.09
IRM-MW-3	109.02	52	67	57.02	42.02	51.34	57.68
IRM-MW-4	109.65	45	65	64.65	44.65	51.71	57.94
IRM-MW-5	106.86	45	65	61.86	41.86	49.13	57.73

Notes:

Elevation performed by American Engineering Services April 15, and September 24, 2003

U:\Eric\Ak allen\docs\tables\groundwater\Water Table Elevations

Table 7
Summary of Validated Detections - Groundwater Monitoring Wells IRM-MW-1 Through 5
A K Allen Co.,Inc.
Mineola, NY

Sample ID Matrix Date Sampled Screened Interval (ft. below land surface)	MW-1 ground water 9/24/2003 53.23 - 65	MW-2 ground water 9/24/2003 53.69 - 65	MW-3 ground water 9/24/2003 51.34 - 67	MW-4 ground water 9/24/2003 51.71 - 65	MW-4A ground water 9/24/2003 51.71 - 65	MW-5 ground water 9/24/2003 49.13 - 65	TB water 9/24/2003 NA	FB water 9/24/2003 NA	*NYSDEC TOGS Standards and Guidelines
Volatile Organic Compounds (USEPA Method 8260) <u>Parameters</u>	<u>ug/L</u>	<u>ug/L</u>	<u>ug/L</u>	<u>ug/L</u>	<u>ug/L</u>	<u>ug/L</u>	<u>ug/l</u>	<u>ug/L</u>	<u>ug/L</u>
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	5
1,1-Dichloroethane	ND	ND	ND	6	5	2J	ND	ND	5
cis-1,2-dichloroethene	ND	ND	ND	ND	ND	1J	ND	ND	5
1,1,1-Trichloroethane	ND	ND	ND	3J	3J	1J	ND	ND	5
Trichloroethene	ND	ND	9	1J	1J	ND	ND	ND	5
Tetrachloroethene	ND	ND	ND	14	13	2J	ND	ND	5
Ethylbenzene	ND	3J	ND	ND	ND	ND	ND	ND	5
Chlorobenzene	ND	2J	ND	ND	ND	ND	ND	ND	5
m,p-Xylene	ND	10J	ND	ND	ND	ND	ND	ND	5
o-Xylene	ND	3J	ND	ND	ND	ND	ND	ND	5
Acetone	ND	ND	ND	ND	NDJ	NDJ	ND	5J	50
Semivolatile Organics Compounds USEPA Method 8260 <u>Parameters</u>									
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	ND	ND	NA	3J	5
Polychlorinated biphenyls (PCB's) USEPA Method 8082	ND	ND	ND	ND	ND	ND	NA	ND	0.09
Metals <u>Parameters</u>									
Aluminum	NA	NA	NA	ND	263	NA	NA	ND	NG
Antimony	NA	NA	NA	ND	ND	NA	NA	ND	3
Arsenic	ND	ND	ND	ND	ND	ND	NA	ND	25
Barium	157	60.3	69.3	131	110	71	NA	ND	1000
Beryllium	NA	NA	NA	ND	ND	NA	NA	ND	3
Cadmium	ND	ND	ND	ND	ND	ND	NA	ND	5
Calcium	NA	NA	NA	53400J	45200J	NA	NA	500J	NG
Chromium	ND	ND	ND	ND	ND	ND	NA	ND	50
Cobalt	NA	NA	NA	ND	ND	NA	NA	ND	NG
Copper	NA	NA	NA	ND	ND	NA	NA	ND	200
Iron	NA	NA	NA	40600	34800	NA	NA	ND	300
Lead	ND	ND	ND	ND	ND	ND	NA	ND	25
Magnesium	NA	NA	NA	7180J	6080J	NA	NA	NDJ	35000
Manganese	NA	NA	NA	361	304	NA	NA	ND	300
Mercury	ND	ND	ND	ND	ND	ND	NA	ND	0.7
Nickel	NA	NA	NA	ND	ND	NA	NA	ND	100
Potassium	NA	NA	NA	12400J	10300J	NA	NA	NDJ	NG
Selenium	ND	ND	ND	ND	ND	ND	NA	ND	10
Silver	ND	ND	ND	ND	ND	ND	NA	ND	50
Sodium	NA	NA	NA	51500	40700	NA	NA	1670	20000
Thallium	NA	NA	NA	ND	ND	NA	NA	ND	0.5
Vanadium	NA	NA	NA	ND	ND	NA	NA	ND	NG
Zinc	NA	NA	NA	ND	ND	NA	NA	ND	2000

ND = Compound Was Analyzed But Not Detected

NA = Not Analyzed

NG = No Guideline is Reported

B = Compound Found in Associated Blank

J = Compound Concentration is estimated

The Analyte Exceeds NYSDEC TOG Value

All concentrations are reported in micrograms per liter (ug/L) or parts per billion.

**Sample MW-4A is a duplicate of MW-4

* NYSDEC Ambient Water Quality Standards

and Guidance Values and Groundwater Effluent Limitations

TOGS 1.1.1 June 1998

Table 8
Summary of Detections for Volatile Organic Compounds
In Soil Gas
A.K Allen
Mineola, New York

Sample ID	SG-3	SG-4	SG-5
Date Sampled	4/9/2004	4/7/2004	4/7/2004
Depth	5 to 5.5 ft	4 to 4.5 ft	9 to 9.5 ft
Media	Soil Gas	Soil Gas	Soil Gas
Location	Adjacent to building	Adjacent to building	Below excavation
Units	ug/m ³	ug/m ³	ug/m ³
Volatile Organic Compounds (Method TO-15)			
Acetone	1400	760	1900
Methyl tert-butyl ether (MTBE)	ND	97	ND
2-Butanone (MEK)	7300	360	6600
1,1-Dichloroethane	540	ND	ND
1,1,1-Trichloroethane	1900	16	4400
Benzene	97	200	ND
Toluene	94	140	79
Tetrachloroethene	1900	ND	9400
Ethylbenzene	ND	20	ND
m-Xylene + p-Xylene	ND	77	ND
o-Xylene	ND	25	ND
1,2,4-Trimethylbenzene	ND	21	ND

Notes:

ND-Not Detected