



Infrastructure, buildings, environment, communications

Mr. Walter Wintsch
New York State Department of Environmental Conservation
1150 North Westcott Road
Schenectady, NY 12306

Subject:

Geoprobe™ Results and Project Schedule for Supplemental Remedial Investigation,
Mohawk Finishing Products Site, Amsterdam, New York.

Dear Mr. Wintsch:

Enclosed are the results of the Geoprobe™ soil and groundwater sampling program for the Mohawk Finishing Products site in Amsterdam, New York. Analytical results for soil and groundwater samples at each Geoprobe™ boring are summarized on the attached Figures 1 through 4. Based on these results, we propose to install three additional wells at the locations shown on Figure 5. The remaining supplemental investigation tasks - groundwater sampling, slug testing - would be completed within two weeks following the installation of the monitoring wells.

We have scheduled the installation of the wells for the week of June 23, 2003. The revised project schedule (enclosed) anticipates submittal of the Supplemental RI report in mid-August. We will also be developing an interim remedial measure (IRM) for groundwater beneath the Building 6/8 area at the site. The IRM will be designed in parallel with the investigation report and anticipate submittal in early September 2003.

If you have any questions or comments regarding this matter, please do not hesitate to contact us. We would like to request your review and approval of the proposed well locations prior to June 23.

Sincerely,

ARCADIS G&M, Inc.

Marc W. Sanford
Associate Vice President/Project Manager

Copies:

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Dennis Finn - RPM

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ENVIRONMENTAL

Date:

June 13, 2003

Contact:

Marc Sanford

Phone:

518.452.7826 x.15

Email:

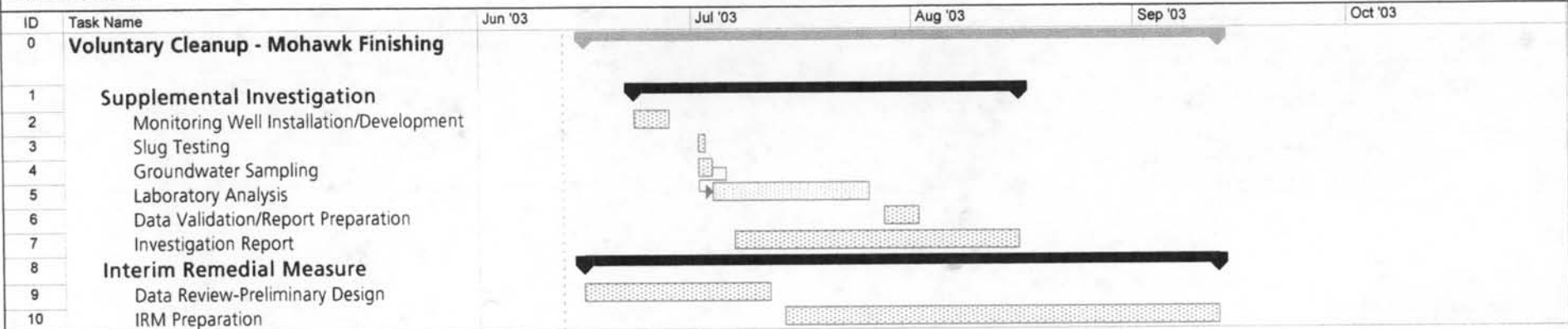
msanford@arcadis-us.com

Our ref:

AY000273.0004

Part of a bigger picture

Figure 1
 Revised Schedule For Supplemental Investigation
 Mohawk Finishing Products
 Amsterdam, New York



Project: Voluntary Cleanup - Mohawk Fi
 Date: Fri 6/13/03



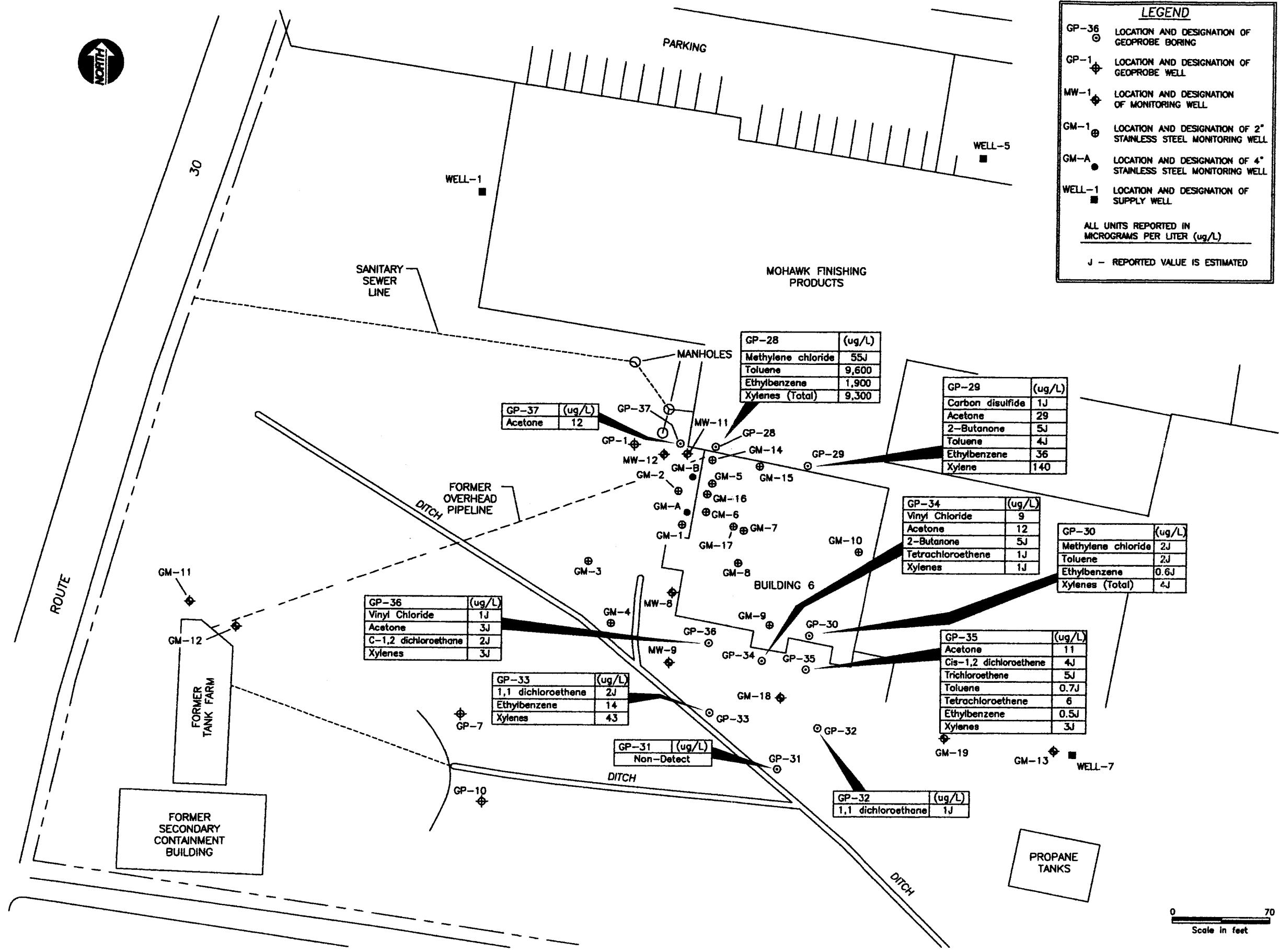


LEGEND

- GP-36 ○ LOCATION AND DESIGNATION OF GEOPROBE BORING
- GP-1 ⊕ LOCATION AND DESIGNATION OF GEOPROBE WELL
- MW-1 ⊕ LOCATION AND DESIGNATION OF MONITORING WELL
- GM-1 ⊕ LOCATION AND DESIGNATION OF 2" STAINLESS STEEL MONITORING WELL
- GM-A ● LOCATION AND DESIGNATION OF 4" STAINLESS STEEL MONITORING WELL
- WELL-1 ■ LOCATION AND DESIGNATION OF SUPPLY WELL

ALL UNITS REPORTED IN MICROGRAMS PER LITER (ug/L)

J - REPORTED VALUE IS ESTIMATED



NO.	DATE	REVISION DESCRIPTION	BY
			OKD

441 New Harbor Rd., Suite 4
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Tel: 518/452-7838 Fax: 518/452-4308

SUPPLEMENTAL INVESTIGATION VOCs IN GROUNDWATER SAMPLES

MOHAWK FINISHING
4715 STATE HIGHWAY #30
AMSTERDAM, NEW YORK

PROJECT MANAGER M. SANFORD	DRAWING NUMBER G280T2
CHECKED BY M. BOKUS	PROJECT NUMBER A10002750002
DRAWN BY CBM/F.F.	FIGURE NUMBER 1
DATE CBM/F.F. 06-04-03	

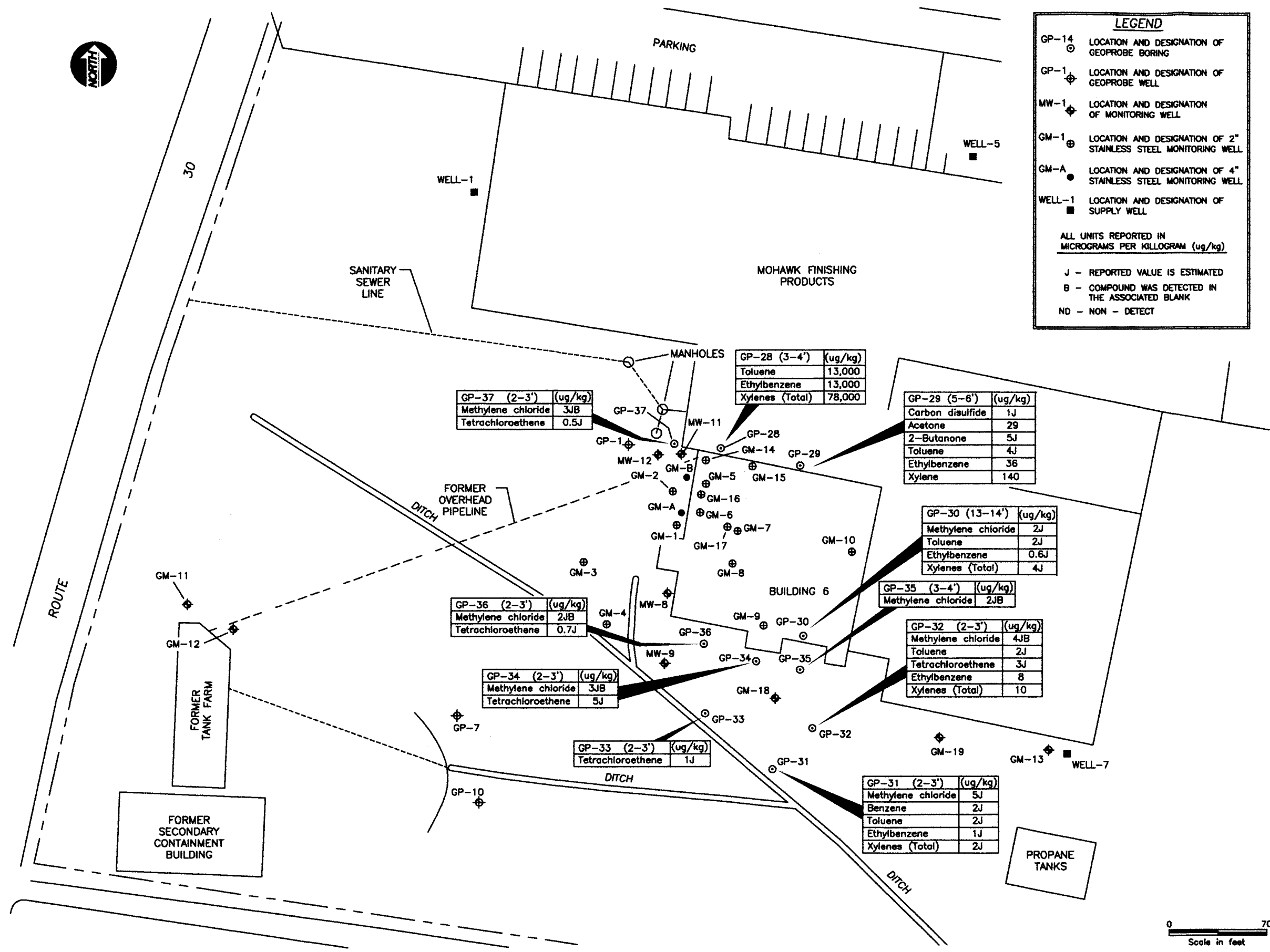


LEGEND

- GP-14 (with circle and dot symbol) LOCATION AND DESIGNATION OF GEOPROBE BORING
- GP-1 (with circle and cross symbol) LOCATION AND DESIGNATION OF GEOPROBE WELL
- MW-1 (with circle and cross symbol) LOCATION AND DESIGNATION OF MONITORING WELL
- GM-1 (with circle and dot symbol) LOCATION AND DESIGNATION OF 2" STAINLESS STEEL MONITORING WELL
- GM-A (with circle and dot symbol) LOCATION AND DESIGNATION OF 4" STAINLESS STEEL MONITORING WELL
- WELL-1 (with square symbol) LOCATION AND DESIGNATION OF SUPPLY WELL

ALL UNITS REPORTED IN MICROGRAMS PER KILOGRAM (ug/kg)

- J - REPORTED VALUE IS ESTIMATED
- B - COMPOUND WAS DETECTED IN THE ASSOCIATED BLANK
- ND - NON - DETECT



GP-37 (2-3') (ug/kg)

Methylene chloride	3JB
Tetrachloroethene	0.5J

GP-28 (3-4') (ug/kg)

Toluene	13,000
Ethylbenzene	13,000
Xylenes (Total)	78,000

GP-29 (5-6') (ug/kg)

Carbon disulfide	1J
Acetone	29
2-Butanone	5J
Toluene	4J
Ethylbenzene	36
Xylene	140

GP-30 (13-14') (ug/kg)

Methylene chloride	2J
Toluene	2J
Ethylbenzene	0.6J
Xylenes (Total)	4J

GP-35 (3-4') (ug/kg)

Methylene chloride	2JB
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GP-32 (2-3') (ug/kg)

Methylene chloride	4JB
Toluene	2J
Tetrachloroethene	3J
Ethylbenzene	8
Xylenes (Total)	10

GP-36 (2-3') (ug/kg)

Methylene chloride	2JB
Tetrachloroethene	0.7J

GP-34 (2-3') (ug/kg)

Methylene chloride	3JB
Tetrachloroethene	5J

GP-33 (2-3') (ug/kg)

Tetrachloroethene	1J
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GP-31 (2-3') (ug/kg)

Methylene chloride	5J
Benzene	2J
Toluene	2J
Ethylbenzene	1J
Xylenes (Total)	2J

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			CKD

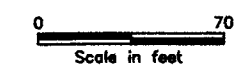


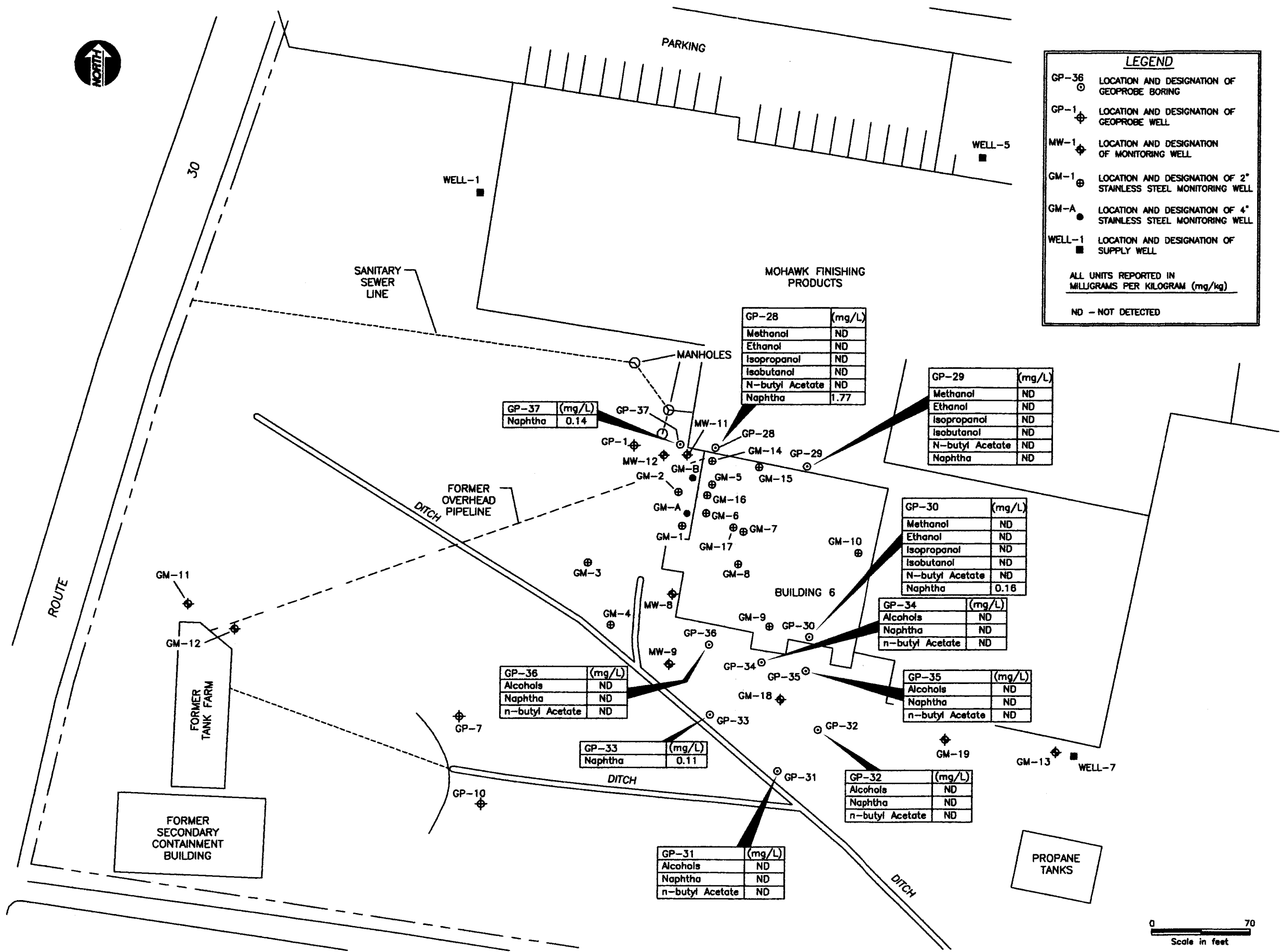
441 New Karner Rd., Suite 4
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Tel: 518/482-7828 Fax: 518/482-4388

SUPPLEMENTAL INVESTIGATION VOCs IN SOIL SAMPLES

MOHAWK FINISHING
4715 STATE HIGHWAY #30
AMSTERDAM, NEW YORK

PROJECT MANAGER M. SANFORD	DRAWING NUMBER G28071
CHECKED BY M. BOKUS	PROJECT NUMBER AY0002730002
DRAWN BY CBM/FJF	FIGURE NUMBER 2
DATE CBM/FJF 06-04-03	





LEGEND

- GP-36 ○ LOCATION AND DESIGNATION OF GEOPROBE BORING
- GP-1 ⊕ LOCATION AND DESIGNATION OF GEOPROBE WELL
- MW-1 ⊕ LOCATION AND DESIGNATION OF MONITORING WELL
- GM-1 ⊕ LOCATION AND DESIGNATION OF 2" STAINLESS STEEL MONITORING WELL
- GM-A ● LOCATION AND DESIGNATION OF 4" STAINLESS STEEL MONITORING WELL
- WELL-1 ■ LOCATION AND DESIGNATION OF SUPPLY WELL

ALL UNITS REPORTED IN MILLIGRAMS PER KILOGRAM (mg/kg)

ND - NOT DETECTED

GP-37	(mg/L)
Naphtha	0.14

GP-28	(mg/L)
Methanol	ND
Ethanol	ND
Isopropanol	ND
Isobutanol	ND
N-butyl Acetate	ND
Naphtha	1.77

GP-29	(mg/L)
Methanol	ND
Ethanol	ND
Isopropanol	ND
Isobutanol	ND
N-butyl Acetate	ND
Naphtha	ND

GP-30	(mg/L)
Methanol	ND
Ethanol	ND
Isopropanol	ND
Isobutanol	ND
N-butyl Acetate	ND
Naphtha	0.16

GP-34	(mg/L)
Alcohols	ND
Naphtha	ND
n-butyl Acetate	ND

GP-36	(mg/L)
Alcohols	ND
Naphtha	ND
n-butyl Acetate	ND

GP-35	(mg/L)
Alcohols	ND
Naphtha	ND
n-butyl Acetate	ND

GP-33	(mg/L)
Naphtha	0.11

GP-32	(mg/L)
Alcohols	ND
Naphtha	ND
n-butyl Acetate	ND

GP-31	(mg/L)
Alcohols	ND
Naphtha	ND
n-butyl Acetate	ND

NO.	DATE	REVISION DESCRIPTION	BY



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SUPPLEMENTAL INVESTIGATION ALCOHOLS, NAPHTHA AND N-BUTYL ACETATE IN GROUNDWATER SAMPLES
MOHAWK FINISHING
4715 STATE HIGHWAY #30
AMSTERDAM, NEW YORK

PROJECT MANAGER M. SANFORD	DRAWING NUMBER G280T4
CHECKED BY M. BOKUS	PROJECT NUMBER AY0002730002
DRAWN BY CBM/FJF	FIGURE NUMBER 3
DATE CBM/FJF 06-04-03	





LEGEND

- GP-36 ○ LOCATION AND DESIGNATION OF GEOPROBE BORING
- GP-1 ⊕ LOCATION AND DESIGNATION OF GEOPROBE WELL
- MW-1 ⊕ LOCATION AND DESIGNATION OF MONITORING WELL
- GM-1 ⊕ LOCATION AND DESIGNATION OF 2" STAINLESS STEEL MONITORING WELL
- GM-A ● LOCATION AND DESIGNATION OF 4" STAINLESS STEEL MONITORING WELL
- WELL-1 ■ LOCATION AND DESIGNATION OF SUPPLY WELL

ALL UNITS REPORTED IN MILLIGRAMS PER KILOGRAM (mg/kg)

ND - NOT DETECTED

GP-28 (3-4') (mg/kg)

Methanol	ND
Ethanol	ND
Isopropanol	ND
Isobutanol	ND
N-butyl Acetate	ND
Naphtha	18.7

GP-37 (2-3') (mg/kg)

Naphtha	4.43
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GP-29 (5-6') (mg/kg)

Methanol	ND
Ethanol	ND
Isopropanol	ND
Isobutanol	ND
N-butyl Acetate	ND
Naphtha	14.5

GP-30 (13-14') (mg/kg)

Methanol	ND
Ethanol	ND
Isopropanol	ND
Isobutanol	ND
N-butyl Acetate	ND
Naphtha	ND

GP-36 (2-3') (mg/kg)

Naphtha	7.89
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GP-34 (2-3') (mg/kg)

Naphtha	16.6
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GP-35 (3-4') (mg/kg)

Naphtha	5.10
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GP-33 (2-3') (mg/kg)

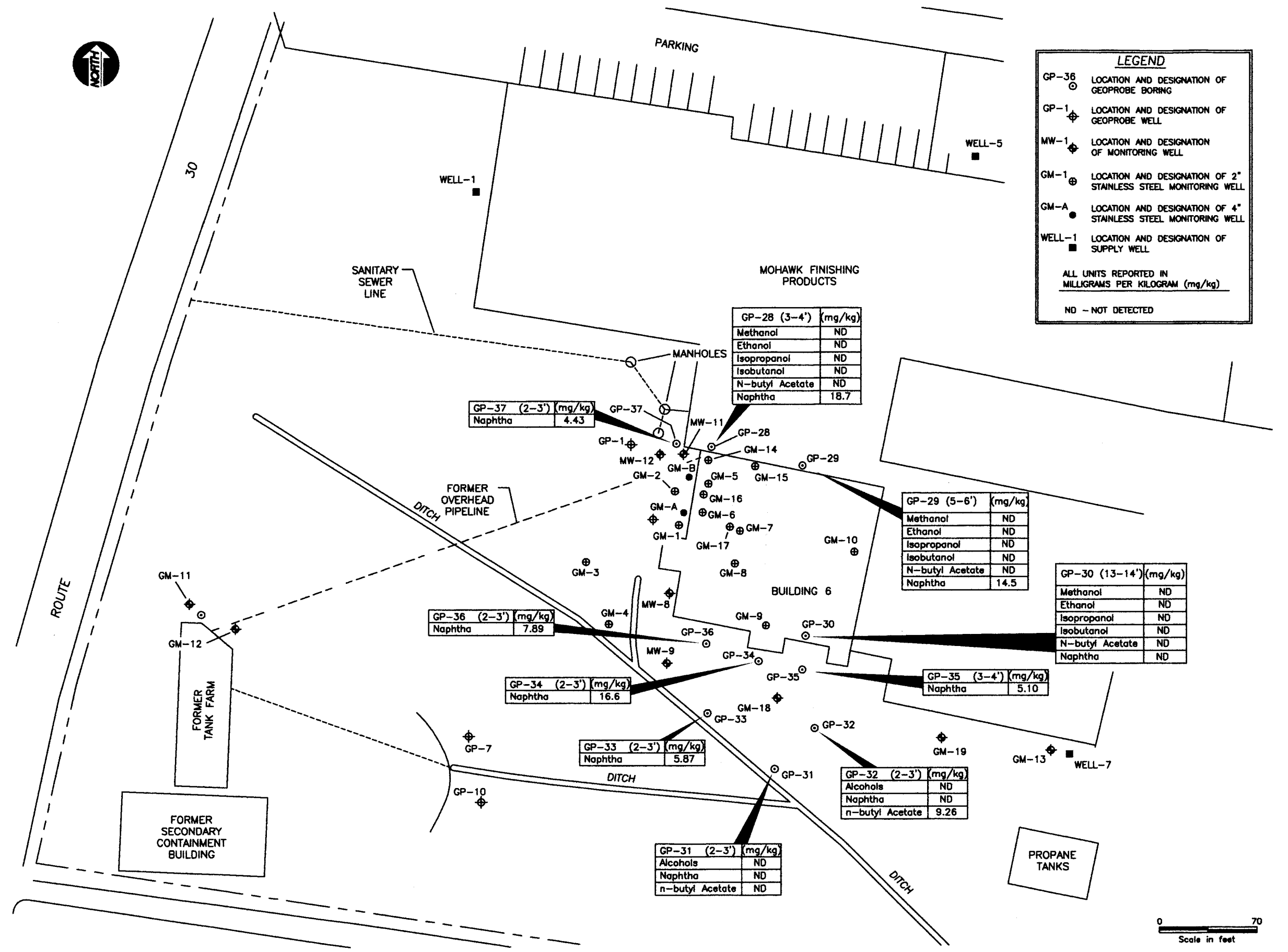
Naphtha	5.87
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GP-32 (2-3') (mg/kg)

Alcohols	ND
Naphtha	ND
n-butyl Acetate	9.26

GP-31 (2-3') (mg/kg)

Alcohols	ND
Naphtha	ND
n-butyl Acetate	ND



NO.	DATE	REVISION DESCRIPTION	BY
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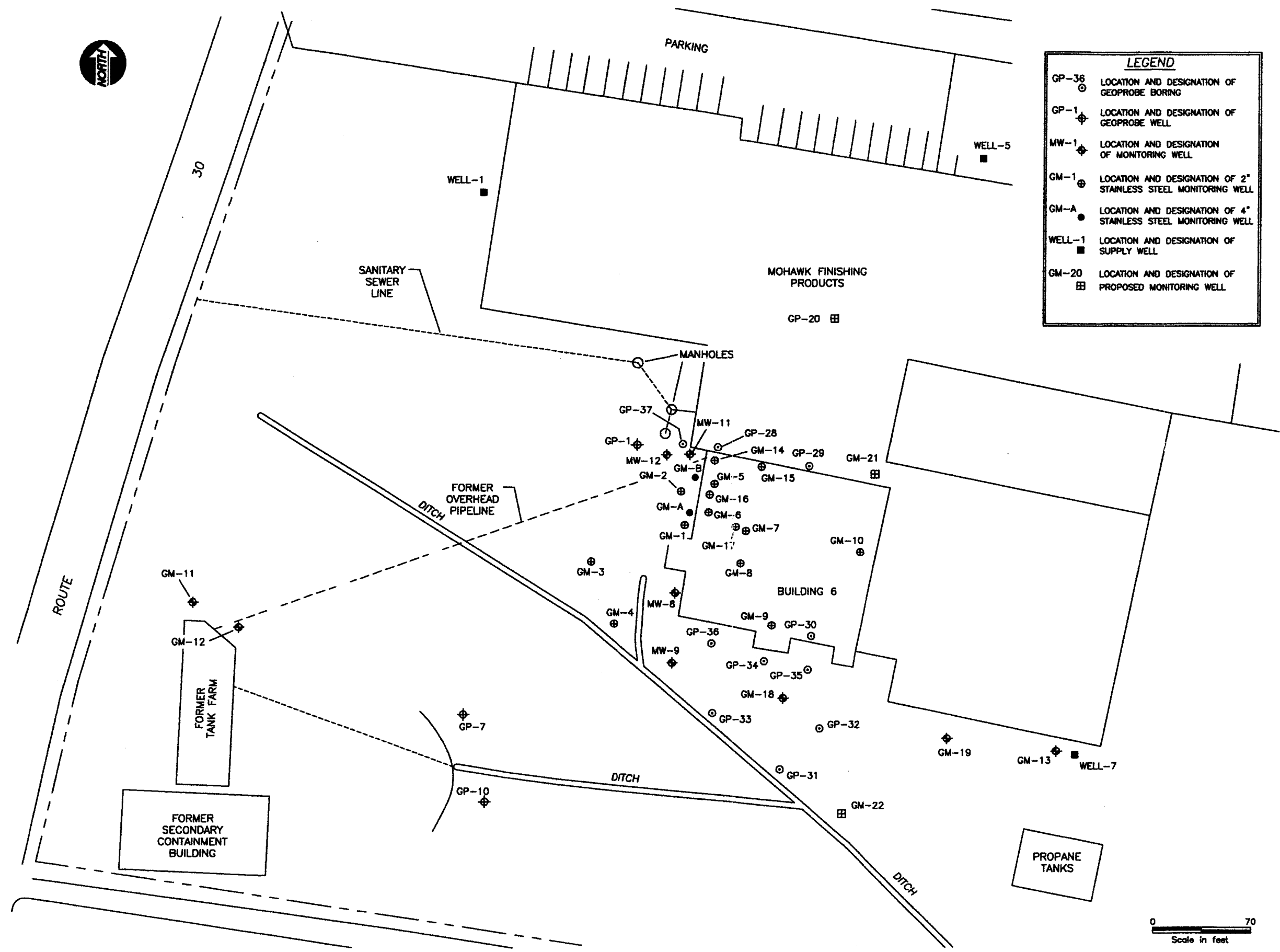
SUPPLEMENTAL INVESTIGATION ALCOHOLS, NAPHTHA AND N-BUTYL ACETATE IN SOIL SAMPLES
MOHAWK FINISHING
4715 STATE HIGHWAY #30
AMSTERDAM, NEW YORK

PROJECT MANAGER M. SANFORD	DRAWING NUMBER G28073
CHECKED BY M. BOKUS	PROJECT NUMBER AY0002730002
DRAWN BY CBM/FJF	FIGURE NUMBER 4
DATE CBM/FJF 06-04-03	

0 70
Scale in feet



LEGEND	
GP-36	LOCATION AND DESIGNATION OF GEOPROBE BORING
GP-1	LOCATION AND DESIGNATION OF GEOPROBE WELL
MW-1	LOCATION AND DESIGNATION OF MONITORING WELL
GM-1	LOCATION AND DESIGNATION OF 2" STAINLESS STEEL MONITORING WELL
GM-A	LOCATION AND DESIGNATION OF 4" STAINLESS STEEL MONITORING WELL
WELL-1	LOCATION AND DESIGNATION OF SUPPLY WELL
GM-20	LOCATION AND DESIGNATION OF PROPOSED MONITORING WELL



NO.	DATE	REVISION DESCRIPTION	BY
			CKD

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**SUPPLEMENTAL INVESTIGATION
 PROPOSED MONITORING WELL LOCATIONS**

MOHAWK FINISHING
 4715 STATE HIGHWAY #30
 AMSTERDAM, NEW YORK

PROJECT MANAGER M. SANFORD	DRAWING NUMBER G280T4
CHECKED BY M. BOKUS	PROJECT NUMBER AY0002730002
DRAWN BY CBM/FJF	FIGURE NUMBER 5
DATE CBM/FJF 08-04-03	