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FEB 26 1991

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

ENVIRONMENTAL SITE ASSESSMENT

PROPERTY LOCATED AT
FRANK ROAD
HICKSVILLE, NEW YORK 11801

89-806

PREPARED FOR:
BOWE SYSTEMS AND MACHINERY
200 FRANK ROAD
HICKSVILLE, NEW YORK 11801

JANUARY 1990

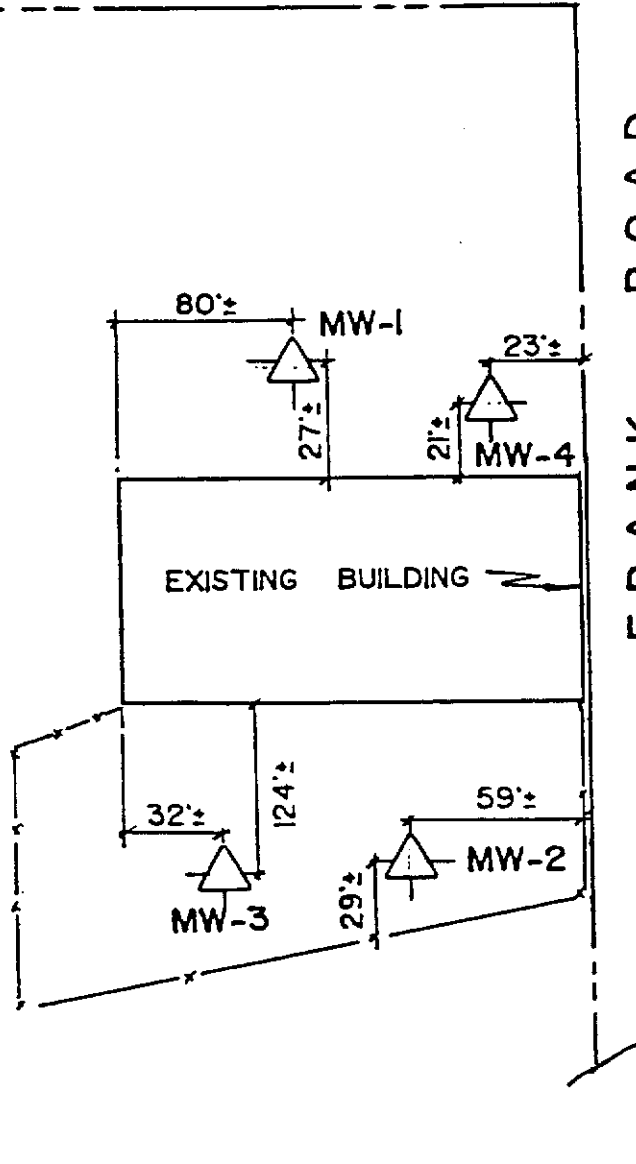
PREPARED BY:

SOIL MECHANICS DRILLING CORP.
3770 MERRICK ROAD
SEAFORD, NEW YORK 11783

DUFFY AVE.

HENRIETTA ST.

FRANK ROAD



	SOIL MECHANICS DRILLING CORP. subsoil investigations	
	3770 MERRICK ROAD • SEAFORD, NEW YORK 11583 • 516 221-	
	MONITORING WELL LOCATION PLAN	
	DUFFY AVE.	
	HICKSVILLE, NEW YORK	
SCALE: N.T.S.	DRAWING DATE: JANUARY 4, 1990	DRAWING NO.:

SUMMARY OF LABORATORY ANALYSIS
VOLATILE ORGANICS IN GROUNDWATER
HICKSVILLE, NEW YORK

PLATE 3

	<u>MW-1</u>	<u>MW-2</u>	<u>MW-3</u>	<u>MW-4</u>
11 Dichloroethane	ND	ND	3	ND
12 Dichloroethene	ND	ND	550	ND
111 Trichloroethane	ND	ND	3	ND
Trichloroethylene	ND	ND	64	ND
Tetrochloroethene	ND	130	8100	ND
Ethyl Benzene	2	ND	ND	ND

Results in ug/L.

DUFFY LANE

EXISTING BUILDING

FLOOR DRAIN (FL-9)

DW-8

HA-10

GRASS

58'

LOADING DOCK

GRASS

71'

49'

79'

72'

27'

DW-1

DW-7

23'

DW-2

DW-6

31'

25'

DW-3

DW-5

27'

DW-4

ROAD

FRANK



SOIL MECHANICS DRILLING CORP.
SUBSOIL INVESTIGATIONS

3770 MERRICK ROAD O SEAFORD, N.Y. O 516-221-2999

DRAIN LOCATION PLAN

HICKSVILLE, NEW YORK

PLATE # 1

SCALE: 1" = 40' DATE: FEBRUARY 12 1990 DRAWING NO. 89SR06

SUMMARY OF LABORATORY RESULTS

SLUDGE SAMPLES - VOLATILE ORGANICS

HICKSVILLE, NEW YORK

PLATE #2

	<u>DW-1</u>	<u>DW-2</u>	<u>DW-3</u>	<u>DW-4</u>	<u>DW-5</u>
Vinyl Chloride	<5000	17	<5	<5	<5
Methylene Chloride	<10000	19	<10	<10	<10
1,2 Dichloroethene	<10000	850	1500	<10	<10
Trichloroethylene	<5000	<5	3500	<5	<5
Tetrachloroethene	2400000	140	10000	87	7
Toluene	<10000	<10	80	12	34
m Xylene	<10000	<10	85	<10	<10
o+p Xylene	<20000	<20	60	<20	<20

Results in ug/Kg

SUMMARY OF LABORATORY RESULTS

SLUDGE SAMPLES - VOLATILE ORGANICS

HICKSVILLE, NEW YORK

PLATE #2 - CONTINUED

	<u>DW-6</u>	<u>DW-7</u>	<u>DW-8</u>	<u>HA-10</u>
Vinyl Chloride	<5	<5	<5	<100
Methyl Chloride	<10	<10	<10	<200
1,2 Dichloroethene	<10	<10	<10	14000
Trichloroethylene	<5	<5	<5	1800
Tetrachloroethene	24	24	2600	300000
Toluene	32	<10	<10	<200
m Xylene	<10	<10	<10	<200
o+p Xylene	<20	<20	<20	<400

Results in ug/Kg

SUMMARY OF LABORATORY RESULTS


SLUDGE SAMPLES - METALS

HICKSVILLE, NEW YORK
PLATE #3

	<u>DW-1</u>	<u>DW-1*</u>	<u>DW-8</u>	<u>HA-10</u>
Antimony	<0.10	<0.01	<0.10	0.08
Arsenic	1.9	<0.005	5.3	5.6
Beryllium	0.21	<0.001	0.11	0.20
Cadmium	4.4	0.076	1.1	0.32
Chromium	700	0.15	13	10
Copper	1300	6.2	60	50
Lead	380	0.10	100	45
Mercury	0.69	<0.001	0.007	0.19
Nickel	1400	0.50	16	75
Selenium	3.4	0.017	0.098	0.35
Silver	1.8	<0.01	0.95	0.60
Thallium	<0.05	<0.005	<0.05	0.07
Zinc	2000	32	220	78

Results in mg/Kg

*E P Toxicity



SUMMARY OF LABORATORY ANALYSIS

TEST BORING SAMPLES

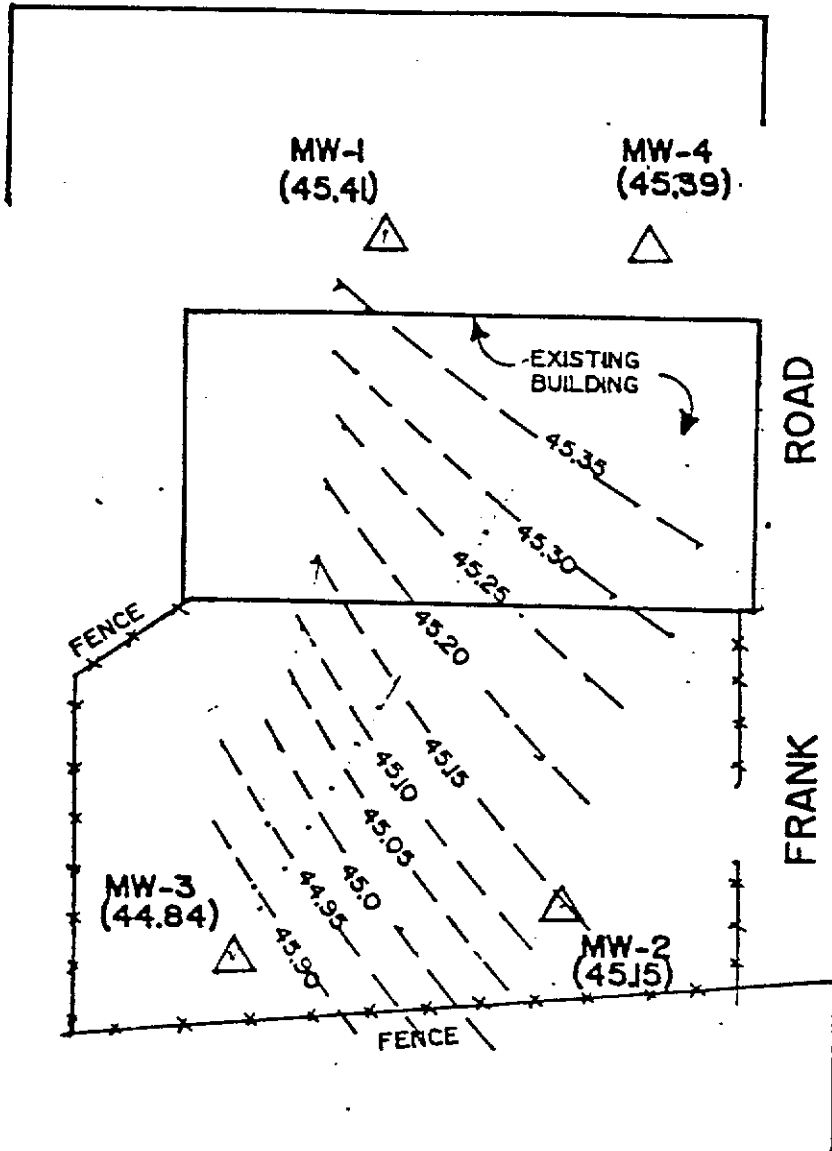
HICKSVILLE, NEW YORK

PLATE #1

	<u>DW-1/S-3</u>	<u>DW-2/S-2</u>	<u>DW-3/S-3</u>	<u>DW-4/S-2</u>	<u>DW-5/S-2</u>	<u>DW-6/S-2</u>	<u>DW-7/S-2</u>	<u>DW-8/S-2</u>
Depth (ft)	4-6	2-4	4-6	2-4	2-4	2-4	2-4	2-4
1,2-Dichloroethene	<250	<50	6	<5	<5	<5	<5	<5000
Trichloroethylene	<250	<50	5	<5	<5	<5	<5	<5000
Tetrachloroethene	150,000	1200-	220	<5	<5	<5	<5	6,000,000

Results in ug/Kg

DUFFY AVENUE



	SOIL MECHANICS DRILLING CORP.	
	SUBSOIL INVESTIGATIONS	
	3770 MERRICK ROAD O SEAFORD, N.Y. O 516 221-2333	
	MONITORING LOCATION PLAN AND GROUND WATER CONTOUR MAP.	
	HICKSVILLE, NEW YORK.	
SCALE	N.T.S.	DATE
		FEBRUARY 13, 1990
		DRAWING NO. 89S806
		PLATE # 4