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August 10, 1992

Mr. Jamie Ascher  
Engineering Geologist  
New York State Department of Environmental Conservation  
Building 40-SUNY  
Stony Brook, New York 11790-2356

RE: Site Screening Investigation  
Bowe Systec, Inc. Site  
200 Frank Road, Hicksville, New York  
NYSDEC site No. 1-30-048

Dear Mr. Ascher:

As per our conversation on Friday, July 24, 1992, enclosed herewith please find two (2) copies of the above-referenced report. After you have completed your review of the enclosed, please contact me so that we can discuss the implementation of the recommendations therein.

Thank you in advance for your prompt attention regarding this matter. Should you have any questions please feel free to call either myself at 756-8000 (Ext. 480) or Mr. Gary J. Miller (Ext. 620).

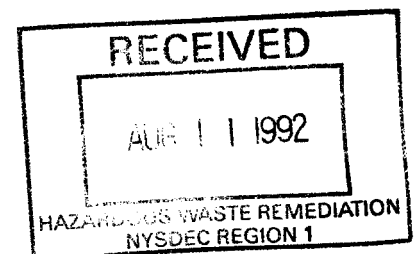
Very truly yours,

**HOLZMACHER, McLENDON & MURRELL, P.C.**

A handwritten signature in black ink, appearing to read "Martin O. Klein", is written over a large, faint circular stamp or watermark.

Martin O. Klein, C.P.G.  
Groundwater Resources/Hydrogeology  
Section Supervisor  
MOK/cdr  
Enclosures

cc: Mr. Richard Reilly  
Mr. William Mahoney  
Vail T. Thorne, Esq.  
Mr. Stanley Rosenthal



**SITE SCREENING INVESTIGATION  
BOWE SYSTEM AND MACHINE  
(BÖWE SYSTEC, INC.)**

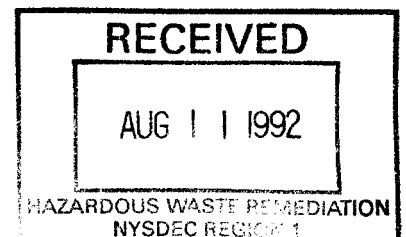
**I INTRODUCTION**

The Bowe System and Machine property is located at 200 Frank Road in Hicksville, New York as shown in Figure 1. The property is 2.098 acres in size and contains a one story masonry building. The building was vacant when Bowe purchased the property in the early 1980s. The previous property owner was reported as Dyna Magnetic Devices which reportedly used trichloroethylene (TCE) in their operations.

American Permac, a dry cleaning equipment importer, shared the building with Bowe. As part of Permac's operations, they assembled, tested and rebuilt dry cleaning equipment. Tetrachloroethylene (PCE) was utilized during the testing operations. The PCE was stored in a 300 gallon above ground tank centered along the south wall of the building. In October 1990, this tank was removed and the PCE was sold to dry cleaners in the area. The dry cleaning equipment part of Bowe relocated to Texas in 1990.

Currently, the site is vacant, except for limited operations conducted by Bowe System which is in the paper handling business.

In October 1991, the New York State Department of Environmental Conservation (NYSDEC) designated the Bowe site as a Class 2 Inactive Hazardous Waste Disposal Site (DEC# 130048) due to volatile organic contamination.



## **II PREVIOUS INVESTIGATIONS**

In January 1990, an environmental site assessment was conducted by Soil Mechanics Drilling Corporation. The results of this investigation indicated elevated concentrations of PCE in the groundwater. A supplemental investigation by Soil Mechanics in February 1990, indicated elevated concentrations of volatile organics in drywell nos. 1, 2, 3, and 8 in addition to the unpaved area outside the paint spray booth door, to the southwest of the building.

Site remediation consisting of the excavation and removal of impacted soils surrounding drywells 1, 2, and 3 was performed under the oversight of NYSDEC. The connection between drywell no. 1 and the floor drain inside the building was removed. Additional monitoring wells were installed, downgradient of the remediated drywells, to provide supplemental monitoring of groundwater quality.

### III OBJECTIVE

The objective of this Site Screening Investigation (SSI) was to provide an overview of the existing conditions at the site by tentative identification of source areas and, to a limited degree, the extent of contamination. An additional objective was to provide data for the development of Interim Remedial Measures (IRMs) for the site. In order to accomplish this objective, four main areas of concern were investigated. These areas included: Area 1 (drywells 1, 2, and 3); Area 2 (drywell 8); Area 3 (stressed vegetation along southwest corner of building); and Area 4 (septic system). Drywells 4, 6, and 7 were also investigated, although past studies indicated little to no contamination at these locations. In addition, groundwater samples were collected from temporary wells that were installed during the SSI. Groundwater elevations were also measured in order to define the direction of groundwater flow and potential direction of contaminant transport.

The tasks completed during the SSI were not conducted under the pending Order on Consent that is to be issued for this site and, therefore, may not be acceptable to the NYSDEC as part of the required Remedial Investigation (RI). However, the data collected during this SSI provided a timely assessment of potential future remedial efforts.

#### Subsurface Investigation at Drywells 1 Through 3, (Area 1) 4, 6, 7 and 8 (Area 2)

Four (4) soil borings were executed in Areas 1 and 2 (see Figure 2) to estimate the degree of volatile organic compound (VOC) contamination present within the upper 25 feet of soil and to determine the potential for drywells 1, 2, 3, and 8 to act as a source of VOC contamination to the groundwater.

This was accomplished by drilling to a depth of 25' below grade. A soil sample was taken at the bottom of each drywell and at the 23' to 25' interval. Each sample was screened with a photoionization detector (PID) yielding results in estimated parts per million (ppm). One sample from each boring with the highest PID reading was submitted for laboratory analysis (EPA Method 8010 and 8020). In the case of identical PID readings being found in the same soil borings, the shallowest of the two samples was taken.

The borings, labeled DW-1/T-3, DW-2, DW-3, and DW-8, respectively, were drilled by Aquifer Drilling and Testing, Inc. (ADT). The augers, the bit, and the split spoons were steam cleaned between each use and the split spoons were then washed with an alconox/distilled-deionized solution and rinsed with distilled-deionized water to further ensure the integrity of all the samples. For a review of the field results, please refer to the Hydrogeologist's Logs in Appendix A.

The samples submitted from the soil borings executed through dry wells 1, 2, 3, and 8 were labelled DW-1/T-3 (16'-18', 30'-32', and 40'-42'), DW-2 (14'-16'), DW-3 (23'-25'), and DW-8 (10'-12'). In addition, shallow soil samples were collected from the bottom of DW-4, DW-6 and DW-7. Drywell DW-5 was not accessible. Soil samples from DW-4, DW-6 and DW-7 were screened with the PID for total VOCs and the results recorded. PID results did not indicate high VOC concentrations and therefore no soil samples from these three (3) drywells (4, 6 and 7) were submitted for analysis.

#### Soil Sampling & Screening at Area 4 (Sanitary System)

The septic system (Area 4 on Figure 2) was screened and sampled to confirm and identify possible sources of VOC contamination to groundwater. Bottom samples from the

two leaching pools (LP-1 and LP-2) and the septic tank were collected by using a dredge which was decontaminated between uses with analconox/distilled-deionized water wash and a distilled-deionized water rinse. The samples were submitted to the lab for EPA Methods 8010 and 8020.

### Soil Gas Survey and Soil Sampling at Area 3 (Grassy Area)

A soil gas survey at Area 3 was conducted to identify potential contamination within the area of the former spray booth (see Figure 3).

Twenty-three locations were surveyed for estimated VOC concentrations in soil. This was accomplished by creating a small 1/4" size hole extending 2.5' below grade, inserting a length of dedicated Teflon tubing into the hole, and monitoring the air escaping through the tube with a PID. The PID was calibrated on a daily basis prior to field activities.

Areas recorded with elevated VOCs were delineated. Background readings ranged from 0.2 to 0.4 ppm. Two (2) of the 23 locations were further targeted for split spoon sampling and for VOC analysis as per EPA Method 8010 and 8020.

The results of the soil gas survey ranged from 0.2 to greater than 50.0 ppm. The areas exhibiting the highest readings were located in the north-eastern section of the survey area. Based upon these results, soil borings were conducted to a depth of 10 feet at soil gas points 6 (SB-2) and 8 (SB-1). A split spoon sample was collected from 2 to 4 feet and 8 to 10 feet below grade at each location and screened with the PID.

The two samples submitted for analysis were SB-1 (2'-4') and SB-2 (2'-4') due to the PID results and the presence of volatile organics as registered in the first 2.5' of soil in the soil gas survey.

### Groundwater Flow Direction and Sampling

On June 23 and 24, 1992, groundwater elevation measurements were collected from monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6 and MW-7 to ascertain and confirm the direction of groundwater flow present at the site. Based upon the groundwater flow direction, three (3) temporary monitoring wells were installed to aid in gathering contaminant levels in groundwater in conjunction with the sampling of four (4) existing wells on site.

Based upon the two (2) rounds of groundwater elevation data, groundwater flow direction was observed to be south/southeast at the site. Monitoring well MW-3 was damaged and therefore was excluded from the groundwater contour calculations (please refer to the groundwater contour maps labelled Figures 4 and 5).

On June 24, 1992, groundwater samples were collected from monitoring wells MW-1, MW-3, MW-6, MW-7, and the temporary monitoring wells T-1, T-2, and T-3. The pre-existing wells were purged of three to five well volumes of groundwater with a submersible pump and sampled with a dedicated bailer. The pump was decontaminated with analconox/distilled-deionized water solution and rinsed with distilled-deionized water. The temporary wells were drilled with a 3 1/4" ID auger and cuttings were screened with a PID. The cuttings exhibited readings equal to or less than background levels. The wells were sampled with a dedicated bailer and then backfilled with the drill cuttings. A field blank

was also prepared during groundwater sampling. All samples were submitted to the laboratory for VOC analysis as per EPA Method 601/602 and xylene.



#### IV SAMPLING RESULTS

The results of the SSI are shown in Tables 1 and 2. The original analytical sheets are attached as Appendix B. All the soil samples were analyzed for volatile organics using EPA Methods 8010 and 8020 (gas chromatography). A total of six (6) soil samples were collected and lab tested from four (4) of the on site drywells. Drywell nos. 1, 2, and 3 were remediated back in 1990. The results of the soil samples from these drywells indicate that the remediation was successfully completed and that the drywells are no longer acting as a source of VOC contamination. Samples were collected from depths of 16'-18', 30'-32', and 40'-42' in DW-1/T-3; 14'-16' in DW-2; and 23'-25' in DW-3. None of the parameters analyzed were above the detection limit of the laboratory. A soil sample was collected at a depth of 10'-12' in DW-8, located in the truck bay near the loading dock. PCE was detected at 81 ug/kg at this location.

Three (3) sludge samples were collected from the septic system located along the northern portion of the building. One (1) sample was collected from the septic tank and two (2) samples from the associated leaching pools. Of the volatile organics analyzed, none were above the detection limit in either the septic tank or in leaching pool LP-1. In leaching pool LP-2, the following contaminants were detected: m-dichlorobenzene (480 ug/kg); p-dichlorobenzene (1100 ug/kg); o-dichlorobenzene (220 ug/kg); and 1,3-xylene (180 ug/kg).

A soil gas survey was conducted in Area 3, located along the southwest portion of the building. The results of this survey indicated three (3) readings above background. These readings were located along the northern portion of Area 3. Based on these results, two (2) soil samples were collected, one (1) designated SB-1 and the other, SB-2. Both

samples were collected at a depth of 2'-4'. The results indicate elevated levels of PCE at both locations. The results for SB-1 were 2,300 ug/kg and for SB-2, 910 ug/kg.

Groundwater samples were collected from four (4) existing monitoring wells, MW-1, MW-3, MW-6, MW-7, and from three (3) temporary wells, T-1, T-2, and T-3. Monitoring well MW-1 was designated the background well. The samples were analyzed for VOCs using EPA Method 601 and 602. The results, listed in Table 2, indicated evidence of contamination in MW-3, MW-6, MW-7, T-1, T-2, and T-3. The background well, MW-1, did not show evidence of contamination.

The predominant contaminant detected in the groundwater was PCE at levels ranging from 19 ug/l in MW-3 to 430 ug/l in MW-6. Additional concentrations were detected in T-3 (20 ug/l), T-1 (45 ug/l), T-2 (110 ug/l) and MW-7 (130 ug/l). Other organics detected included 1,1-dichloroethane (MW-7, T-1, and T-3), trichloroethene (MW-6, MW-7, T-1, and T-3), 1,1,1-trichloroethane (T-1), and cis-1,2-dichloroethene (T-3).

## V CONCLUSIONS

Based on the scope of work executed for this SSI, we provide the following conclusions:

- Evidence of PCE contamination in drywell DW-8 indicates this area on site to be a potential source of groundwater contamination. The soil samples collected at 10'-12' (bottom of drywell) and 23'-25' both exhibited elevated VOC concentrations by the PID. Laboratory analysis of the sample from 10'-12' indicates elevated levels of PCE, identifying DW-8 as a potential source area.
- Soil samples collected from Drywells DW-1, DW-2, DW-3, DW-4, DW-6, and DW-7 do not provide evidence of VOC contamination. These results support past investigations and remedial efforts.
- The shallow soils in the grassy area (near the spray booth), have apparently been impacted by VOCs (within a limited area). This area may be a source of VOC contaminants to the groundwater since laboratory analysis of soil samples SB-1 (2'-4') and SB-2 (2'-4') indicated elevated levels of PCE.
- The results of the three (3) sanitary system samples indicate no source of PCE. However, in sample LP-2 VOCs were detected that are commonly found in sanitary waste streams. The presence of dichlorobenzenes could indicate evidence of aromatic toilet discs usually placed in restroom facilities. The absence of these VOCs in the groundwater indicates that the extent is limited.

- The groundwater flow direction indicates a localized influence from the recharge basin, located southwest of the site. Typically, a local groundwater mound results from groundwater recharging from a basin. The regional groundwater flow was measured to be south/southeast and may slightly fluctuate with changes in precipitation and amount of recharge over the area.
  
- Based on the groundwater flow direction, the groundwater sampling points selected for this SSI provided downgradient coverage of the areas of concern on site. The groundwater sampling results indicate a VOC plume (primarily PCE) at the property boundary to the south. This is evidenced by the concentrations of VOCs detected at the most downgradient wells (MW-6, T-1, and T-2). Concentrations of PCE detected in the groundwater are similar to past results (1991). However, the presence of other VOCs indicates the breakdown of PCE by natural degradation over time. The highest concentration of PCE in the groundwater was detected at MW-6, which is generally downgradient of both the grassy area (Area 3) and drywell DW-8.

## VI RECOMMENDATIONS

Based on the findings of this SSI, we provide the following recommendations:

- If acceptable by NYSDEC, register and abandon/remove fuel oil UST, independent of the RI.
- If acceptable by NYSDEC, retain a licensed hauler to pump and clean (wash) out the entire sanitary system (septic tank and 2 leaching pools) independent of the RI. Material removed from the sanitary system should be disposed of at a licensed facility to accept such waste.
- Implement the RI Work Plan to collect additional data for deep soils and contact NYSDEC to discuss an Interim Remedial Measure (IRM) at the former spray booth area and DW-8. The IRM should be the excavation and disposal of shallow soils (5' depth). Once sufficient data has been obtained for deep soils, contact NYSDEC to discuss the possibility of additional IRMs for remediation (if necessary).
- Implement the RI Work Plan to collect additional data and evaluate alternatives for remediation of groundwater in order to capture contaminated groundwater on site. Once sufficient data has been obtained, contact NYSDEC to discuss alternatives to conduct an IRM for groundwater remediation (if necessary). Alternatives may include: no action; pump and treat with recovery wells and air stripper; pump and treat with carbon adsorption; or air sparging.

- Investigate the drainage patterns of the site area and determine the potential for the recharge basin to act as a source.

## **TABLES**

**TABLE 1**  
**VOLATILE ORGANIC COMPOUNDS**  
**QUANTIFIED IN SOIL AT**  
**BOWE SYSTEC, INC.**  
**HICKSVILLE, NEW YORK**

COMPOUNDS	SB-1 (2'-4')	SB-2 (2'-4')	LP-1	LP-2	DW-8 (10'-12')
Tetrachloroethene	2300	910	ND	ND	81
M-Dichlorobenzene	ND	ND	ND	480	ND
P-Dichlorobenzene	ND	ND	ND	1100	ND
O-Dichlorobenzene	ND	ND	ND	220	ND
1,3-Xylene	ND	ND	ND	180	ND

Notes:

ND = Not detected  
 All readings in ug/kg



**TABLE 2**  
**VOLATILE ORGANIC IN GROUNDWATER AT**  
**BÖWE SYSTEC, INC.**  
**HICKSVILLE, NY**

COMPOUND	T-1	T-2	T-3	MW-1	MW-3	MW-6	MW-7
1,1-Dichloroethane	4	ND	3	ND	ND	ND	3
1,1,1-Trichloroethane	3	ND	ND	ND	ND	ND	ND
Tetrachloroethene	45	110	270	ND	19	430	130
cis-1,2-Dichloroethene	ND	ND	3	ND	ND	ND	ND
Trichloroethene	23	ND	20	ND	ND	11	17

Notes:

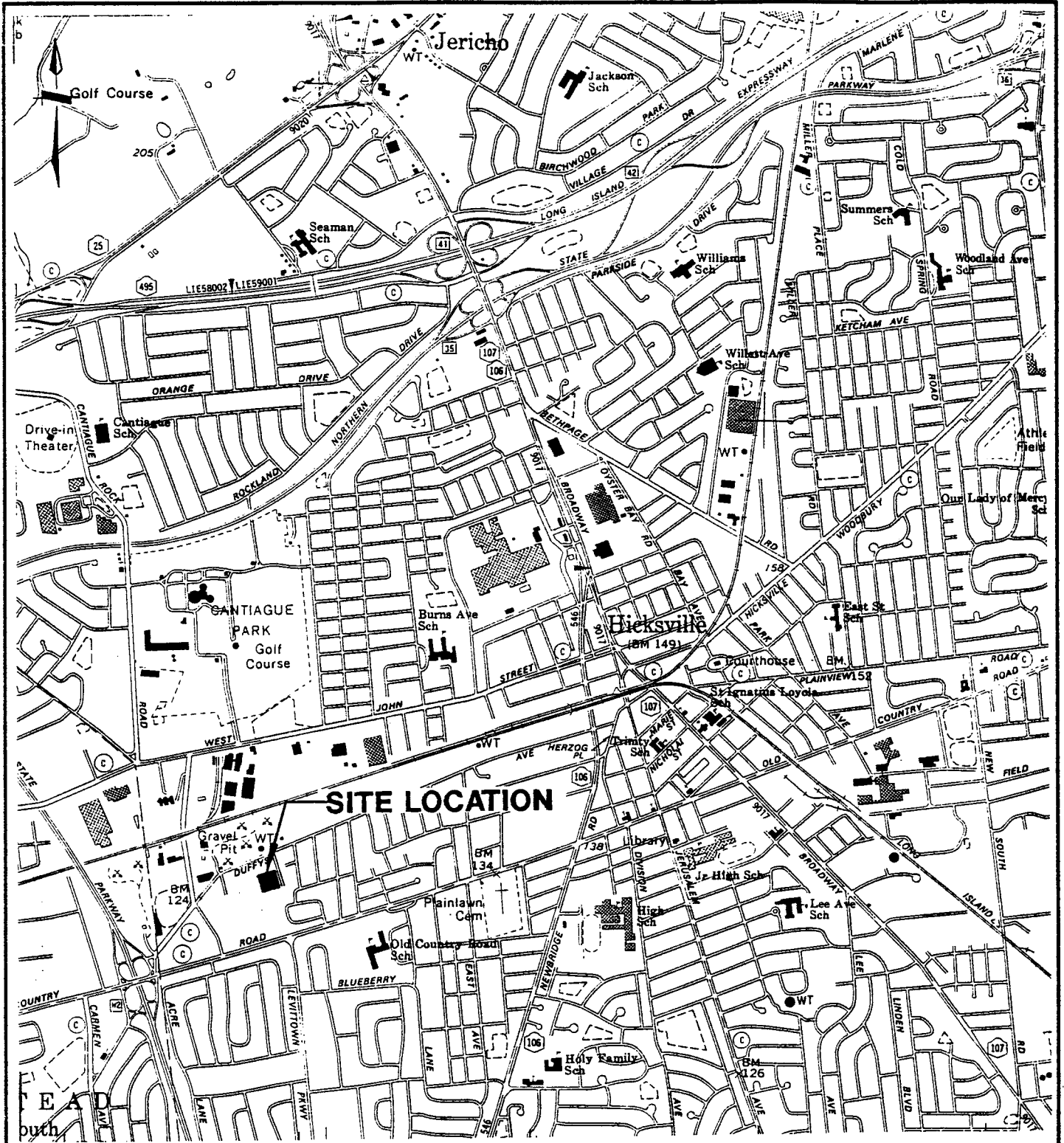
ND = Not detected

All readings in ug/l

T-1 = Temporary well

MW-1 = Existing monitoring well

**FIGURES**



**SITE LOCATION**

**LOCATION MAP**

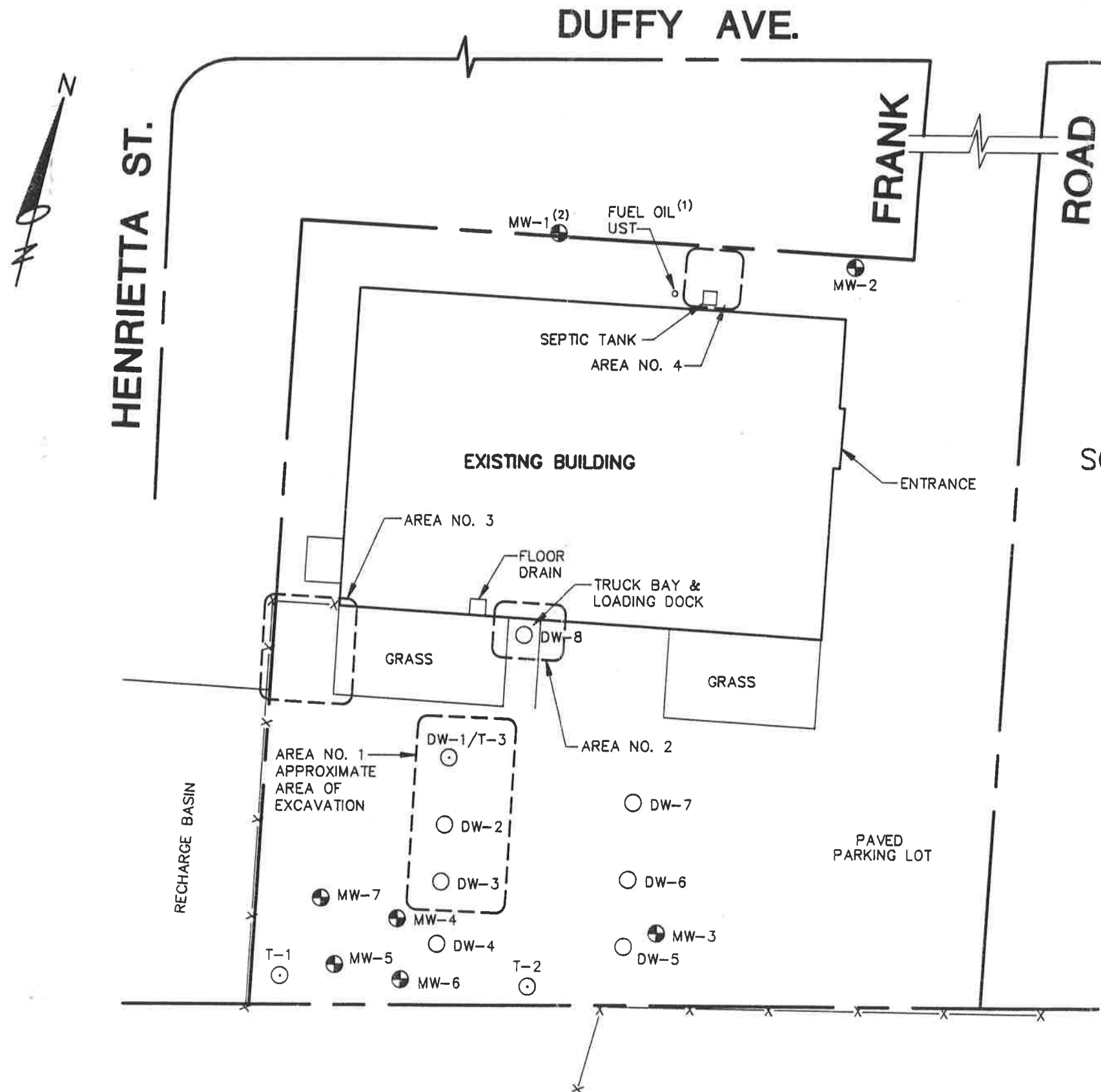
SCALE: 1" = 2000'

**BOWE SYSTEM AND MACHINE  
200 FRANK ROAD  
HICKSVILLE, NEW YORK**

DEC. 18, 1991

**H2M GROUP**

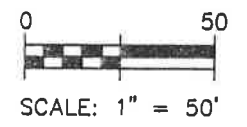
**ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS**  
MELVILLE, N.Y. TOTOWA, N.J.

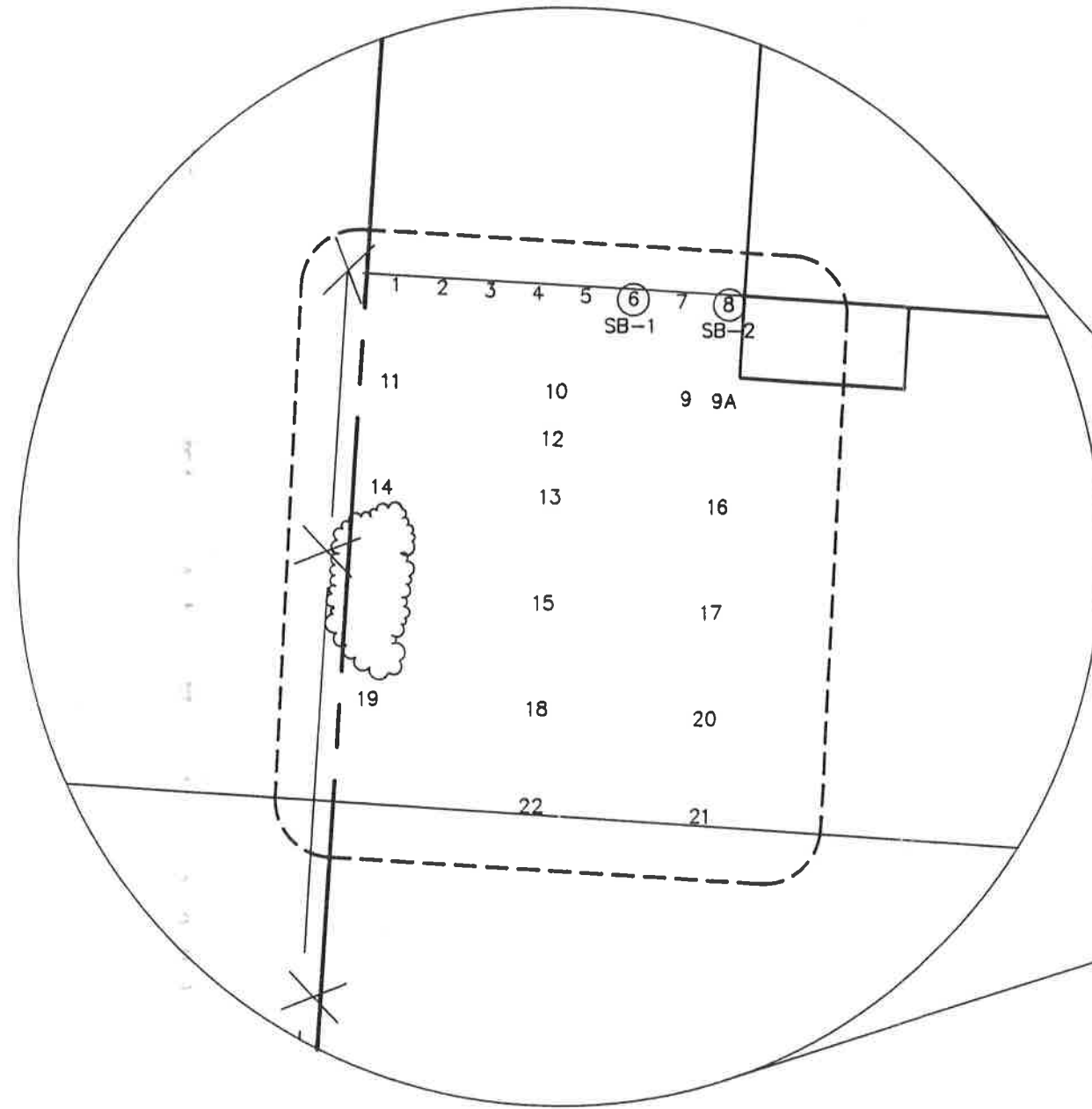


**FIGURE 2**  
**BÖWE SYSTEC, INC.**  
**HICKSVILLE, NEW YORK**  
**SOIL SAMPLING LOCATIONS**

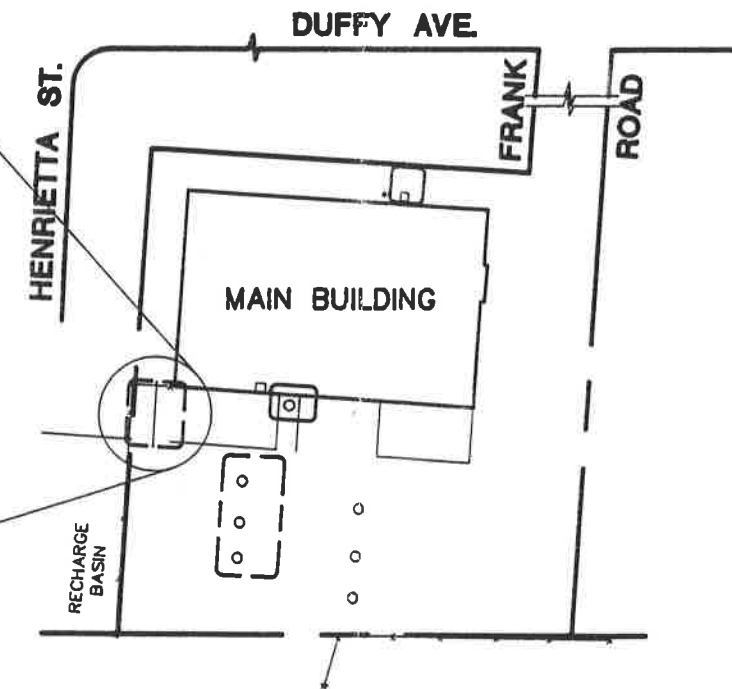
**LEGEND**

- DW-2 DRYWELL
- ⊕ MW-2 MONITORING WELL
- ppb PARTS PER BILLION
- T-2
- ⊙ TEST WELL





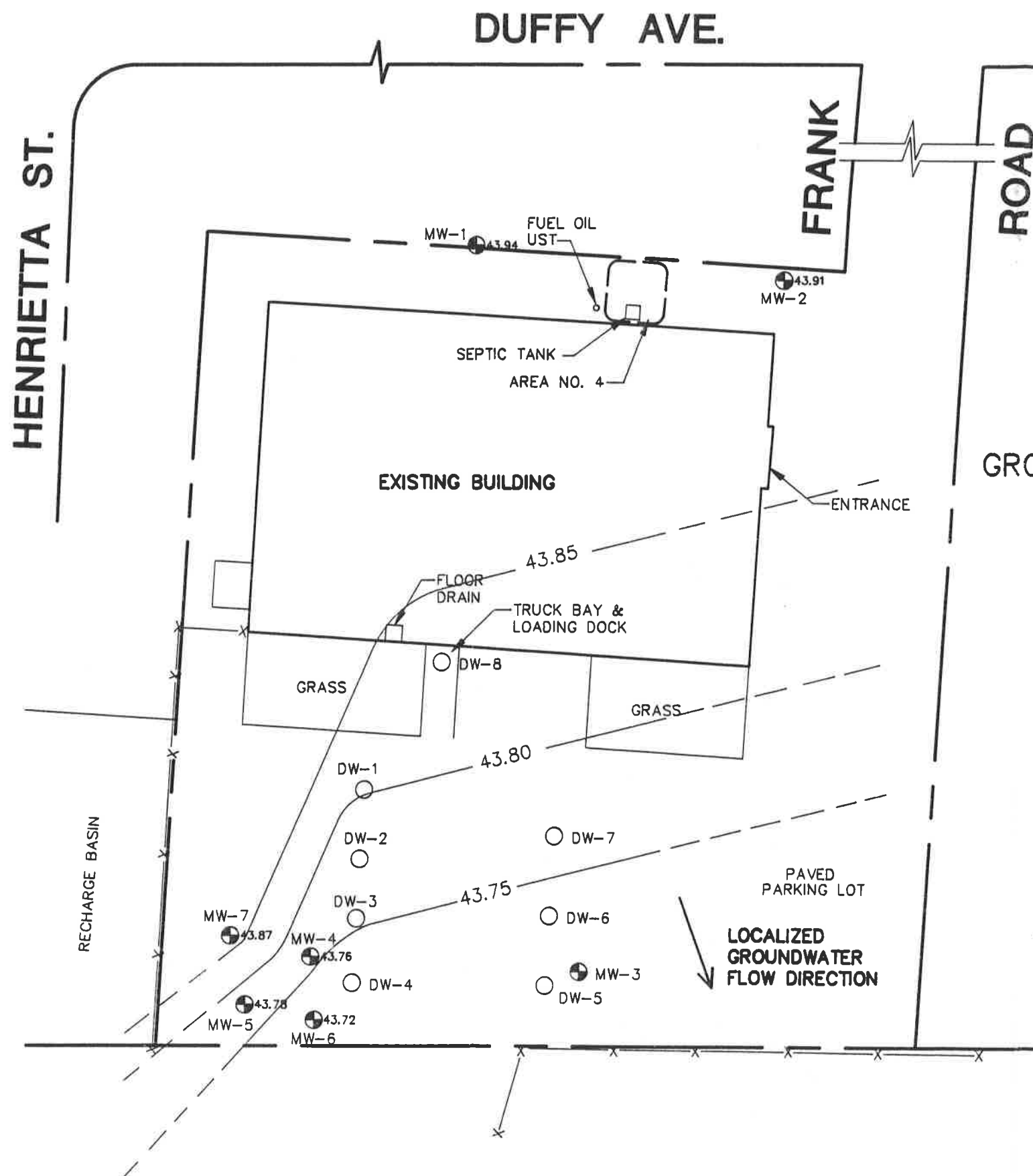
**FIGURE 3**  
**SOIL GAS SURVEY FOR**  
**BOWE SYSTEC, INC.**  
**200 FRANK ROAD**  
**HICKSVILLE, NY**



LOCATION	PID READINGS	LOCATION	PID READINGS
1	0.8	9A	18.0
2	1.4	12	10.2
3	1.0	13	0.8
4	0.2	14	0.8
5	1.0	15	2.1
6	>20.0	16	1.0
7	>20.0	17	0.4
8	>50.0	18	0.4
9	1.0	19	0.6
10	0.6	20	1.4
11	1.2	21	1.0
		22	0.2

**LEGEND**

- ALL PID READINGS IN EPPM
- 2 SOIL GAS SAMPLING POINT
- ⑥ LOCATION OF SOIL BORING
- SB-1
- ☁ VEGETATION



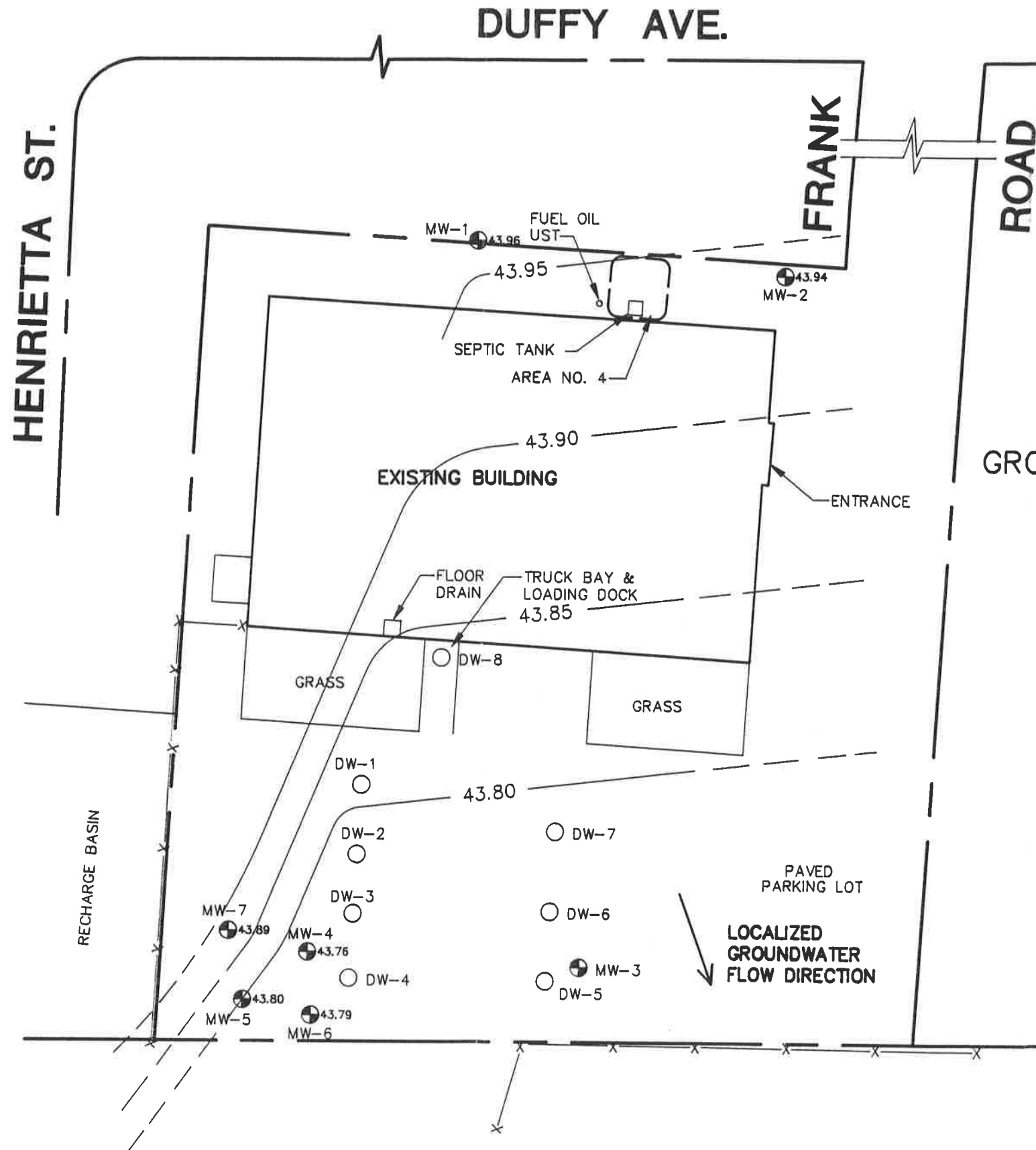
**FIGURE 4**  
**BÖWE SYSTEC, INC.**  
**HICKSVILLE, NEW YORK**  
**GROUNDWATER ELEVATION MAP**  
**JUNE 23, 1992**

WELL	REFERENCE ELEVATION
1	98.97
2	99.60
3	98.17
4	97.72
5	98.31
6	98.61
7	98.17

**LEGEND**

- DW-2 DRYWELL
- ⊕ MW-2 MONITORING WELL
- ⊕ MW-3 NOT INCLUDED IN CONTOURING
- EXISTING GROUNDWATER CONTOUR
- - - ESTIMATED GROUNDWATER CONTOUR



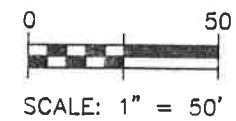


**FIGURE 5**  
**BÖWE SYSTEC, INC.**  
**HICKSVILLE, NEW YORK**  
**GROUNDWATER ELEVATION MAP**  
**JUNE 24, 1992**

WELL	REFERENCE ELEVATION
1	98.97
2	99.60
3	98.17
4	97.72
5	98.31
6	98.61
7	98.17

**LEGEND**

- DW-2 DRYWELL
- ⊕ MW-2 MONITORING WELL
- ⊕ MW-3 NOT INCLUDED IN CONTOURING
- EXISTING GROUNDWATER CONTOUR
- - - ESTIMATED GROUNDWATER CONTOUR



**APPENDIX A**



## FIELD REPORT

LOCATION:           BOWE SYSTEMS AND MACHINERY  
                  200 Frank Road  
                  Hicksville, NY

DATE:             June 23, 1992

WEATHER:         Clear and sunny

H2M REPS:         Michael S. Caravetto           Hydrogeologist  
                  Christopher J. Flynn       Asst. Hydrogeologist  
                  Michael Gentils           H2M Field Manager

CONTACTS:         Steven Wolf                   Driller, ADT  
                  Jim Bitic                   Asst. Driller, ADT  
                  Richard Reilly             Bowe Representative


Soil borings were installed in drywell nos. 1, 2, 3 and 8 utilizing a hollow-stem auger. Prior to installation of the borings, the drywells were visually inspected to determine if they contained standing liquid. Drywell nos. 1, 2, 3 and 8 were dry and a boring was installed in each drywell. The borings were drilled to a depth of 25' below mean grade. Split spoon samples were collected at two intervals, the bottom of the drywell and at a depth of 23' to 25' below mean grade. The split spoon samples were screened with a PID meter for total volatile organic compounds with the exception of methane. Based on the results of the PID, the soil sample with the highest equivalent parts per million (ppm) was submitted for analysis for USEPA Method 8010 and 8020.

The hollow-stem auger was steam cleaned between drywells to prevent cross contamination. The split spoon sampler was steam cleaned and washed with a deionized water/Alconox rinse for further decontamination.

The septic system, located along the north wall of the building, was visually inspected. The septic tank cover was removed and sludge/liquid was identified in the bottom of the tank. In addition, two leaching pools were also identified.

Depth to groundwater measurements were obtained from the seven existing on-site monitoring wells. It was noted that MW-3

appeared to have been damaged. The protective casing was not intact and it appeared that the PVC pipe had been damaged.

Certified Correct:   
Michael S. Caravetto  
Hydrogeologist

Date: 6/25/92

## FIELD REPORT

LOCATION: BOWE SYSTEMS AND MACHINERY  
200 Frank Road  
Hicksville, New York

DATE: June 24, 1992

WEATHER: Rain

H2M REPS: Michael S. Caravetto Hydrogeologist  
Christopher J. Flynn Asst. Hydrogeologist

CONTACTS: Steven Wolf Driller, ADT  
Jim Bitic Asst. Driller, ADT  
Richard Reilly Bowe Representative

Prior to the start-up of field activities, a second round of groundwater measurements was conducted to confirm the direction of groundwater flow. Based on the results, three temporary groundwater monitoring wells (T-1, T-2 and T-3) were installed using a 3 1/4" ID hollow stem auger. The wells were drilled to groundwater, located at a depth of approximately 54 feet. The augers were steam cleaned between wells to prevent cross contamination. During drilling, the drill cuttings were screened with a PID for total volatile organic compounds with the exception of methane. No readings above background were recorded. Following collection of the groundwater sample the boring was backfilled with the drill cuttings.

The grab groundwater samples were collected following installation of a temporary PVC screen and riser. Since this was a grab sample no well purging was conducted. The sample was collected using a disposable polyethylene bailer which was discarded after sample collection from the well. Field parameters were collected from the groundwater samples and the visual characteristics of the sample were noted. The groundwater samples were submitted for VOC analysis using USEPA Method 601/602 plus xylene.


During installation of temporary well T-3, split spoon samples were collected and screened with the PID. Two samples, at depths of 30' to 32' and 40'to 42', showed slightly elevated readings of

1.0 eppm and 0.6 eppm, respectively. These samples were submitted for VOC analysis using USEPA method 8010 and 8020.

Groundwater samples were collected from MW-1, MW-3, MW-6 and MW-7. Prior to collection, the wells were purged of three volumes of water as per NYSDEC protocol. The pump used to purge the wells was decontaminated by steam cleaning and with an alconox/deionized water solution and rinsed with both deionized and distilled water. The samples, in addition to a field blank, were submitted for VOC analysis using USEPA Method 601/602 plus xylenes.

Samples were also collected from the septic system and associated leaching pools. Bottom samples were collected using a dredge. This dredge was decontaminated as described for the groundwater pump. One sample each was collected from the septic tank, leaching pool one (LP-1) and leaching pool two (LP-2). The samples were submitted for VOC analysis using USEPA Method 8010 and 8020.

Drywell nos. 4, 6 and 7 were sampled with a dredge and screened for the presence of volatile organics using a PID. The values ranged from 0.2 to 0.4 eppm. Since these values are below background no samples were submitted for analysis. The dredge was decontaminated, as previously described, between drywells.

Certified Correct:   
Michael S. Caravetto  
Hydrogeologist

Date: 6/26/92















## FIELD REPORT

**BOWE SYSTEMS** - Site investigation field notes  
6/23 and 6/24/92 CJF

- 1) Soil Gas Survey: 23 soil gas readings taken in Area 3 (see attached grid).

Date of Survey: 6/23/92

Readings: (background/real-time)

<u>Location</u>	<u>Readings (ppm)</u>
1	0.2/0.8
2	0.2/1.4
3	0.2/1.0
4	0.2/0.2
5	0.2/1.0
6	0.2/>20.0 * soil boring taken
7	0.2/>20.0
8	0.2/20 - >50 * soil boring taken
9	0.2/1.0
9A	0.2/18.0
10	0.2/0.6
11	0.2/1.2
12	0.2/0.2
13	0.6/0.8
14	0.2/0.8
15	0.2/2.1
16	0.2/1.0
17	0.4/0.4
18	0.2/0.4
19	0.2/0.6
20	0.2/1.4
21	0.2/1.0
22	0.2/0.2

- 2) Soil Borings: Collected in vicinity of 2 highest soil gas readings. Borings drilled at location 8 (SB-1) and location 6 (SB-2). Soil borings conducted on 6/23/92.

SB-1: Collected at soil gas location 8. First 1-2 feet were hand augered. Slight solvent odor noted. Split spoon samples collected at intervals of 2-4' and 8-10'. PID reading of 0.2 ppm (at or near background) in 2-4' split spoon samples but >20 on auger. Split spoon samples collected at 8-10' showed PID reading of 0.2 ppm. 2-4' split spoon sample submitted for analysis. See attached drill log.

SB-2: Collected at soil gas location #6. Split spoon samples were collected at intervals of 2-4' and 8-10'. PID readings on both samples were 0.2 ppm (at or near background). Split spoon sample collected at 2-4' submitted for analysis. Split spoon sample collected at 8-10' had slight odor. See attached drill log.

- 3) Sanitary System: Samples collected from septic tank, L.P. 1 (first leaching pool), and a second leaching pool (L.P. 2). Septic tank and L.P.1 samples submitted for analysis.

Septic tank: Appears to have been backfilled and abandoned in place. No odor evident.

L.P. 1: Some sand, mostly dark sediment & sludge. No odor evident. Pool contained liquid. Oily sheen noticeable.

L.P. 2: Pool had liquid, bottom sediments consisted of dark sludge. Head space analysis showed 18 ppm on PID. No odor evident.

- 4) Monitoring Wells

MW#7 depth to water: 54.30'  
depth to bottom: 62.0'

pH: 6.0 Conductivity: 160 Temperature 18.1° C

---

MW#6 depth to water: 54.82'  
depth to bottom: 66.5'

pH: 6.1 Conductivity: 120 Temperature 17.8° C

---

MW#3 damaged (cover & casing)  
depth to botom: 67.65'

pH: 6.01 Conductivity: 130 Temperatorure 18.1° C

---

\*MW#1 damaged (cover)  
depth to water: 55.04'  
depth to bottom: 60.25'

pH: 6.1 Conductivity 290 Temperature: 18.2° C

---

\* Purge water appeared olive-green and sheen was evident. Pump had grout on it when it was pulled out of monitoring well.

Additional Information

- A) Weather conditions: 6/23/92 (clear, light breeze, dry, temperatures in mid 70s)  
6/24/92 (rainy, damp, humid, cloudy, temperatures in 70s, partial clearing later in day).
- B) Drilling Company: Aquifer Drilling and Testing, Inc. (ADT)
- C) Persons present
- Richard Reilly - Bowe System (6/23 only)  
Chris Flynn - H2M  
Mike Caravetto - H2M  
Mike Gentils - H2M (6/23 only)  
Leonard Rexrode - ADT (6/23 only)  
Steve - Driller - ADT  
Pete - Helper - ADT

Respectfully submitted by,

  
\_\_\_\_\_  
Christopher Flynn

7/2/92

**APPENDIX B**

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... BLANK

DATE COLLECTED. 06/23/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: FIELD BLANK  
REMARKS:

---

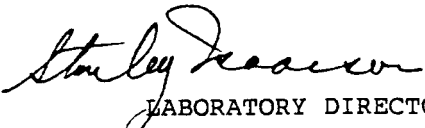
VOL. ORGANICS(601/602 & XYLENES) - ( ug/l )

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<1	1,4-XYLENE	<1
CHLOROMETHANE	<1	1,2-XYLENE	<1
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROENZENE	<1		
P-DICHLOROENZENE	<1		
O-DICHLOROENZENE	<1		
BENZENE	<1		
TOLUENE	<1		
ETHYLBENZENE	<1		
1,3-XYLENE	<1		

COPIES TO:

DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/26/92

  
LABORATORY DIRECTOR

ORIGINAL

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747  
(516)694-3040 FAX: (516)694-4122

LAB NO: 9220705

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SOIL  
ROUTINE  
METHOD.....

DATE COLLECTED. 06/24/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: T-3(30'-32')  
REMARKS:

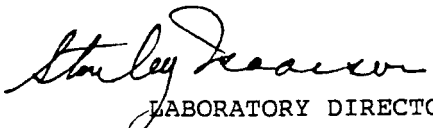
---

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
TOTAL SOLIDS	98.2	%

---

COPIES TO: SFB/MOK

DATE ISSUED 06/29/92

  
LABORATORY DIRECTOR

ORIGINAL



BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SOIL  
ROUTINE  
METHOD.....

DATE COLLECTED. 06/24/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: T-3(30'-32')  
REMARKS:

---

VOLATILE ORGANIC COMPOUNDS - ( ug/kg )


<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<50	1,4-XYLENE	<50
CHLOROMETHANE	<50	1,2-XYLENE	<50
VINYL CHLORIDE	<50		
BROMOMETHANE	<50		
CHLOROETHANE	<50		
FLUOROTRICHLOROMETHANE	<50		
1,1-DICHLOROETHENE	<50		
METHYLENE CHLORIDE	<50		
TRANS-1,2-DICHLOROETHENE	<50		
1,1-DICHLOROETHANE	<50		
CIS-1,2-DICHLOROETHENE	<50		
CHLOROFORM	<50		
1,1,1-TRICHLOROETHANE	<50		
CARBON TETRACHLORIDE	<50		
1,2-DICHLOROETHANE	<50		
TRICHLOROETHENE	<50		
1,2-DICHLOROPROPANE	<50		
BROMODICHLOROMETHANE	<50		
TRANS-1,3-DICHLOROPROPENE	<50		
CIS-1,3-DICHLOROPROPENE	<50		
1,1,2-TRICHLOROETHANE	<50		
TETRACHLOROETHENE	<50		
CHLORODIBROMOMETHANE	<50		
CHLOROBENZENE	<50		
BROMOFORM	<50		
1,1,2,2-TETRACHLOROETHANE	<50		
M-DICHLOROBENZENE	<50		
P-DICHLOROBENZENE	<50		
O-DICHLOROBENZENE	<50		
BENZENE	<50		
TOLUENE	<50		
ETHYLBENZENE	<50		
1,3-XYLENE	<50		

---

COPIES TO: SFB/MOK

DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/26/92

  
LABORATORY DIRECTOR

ORIGINAL

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747  
(516)694-3040 FAX:(516)694-4122

LAB NO: 9220706

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SOIL  
ROUTINE  
METHOD....

DATE COLLECTED. 06/24/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: T-3(40'-42')  
REMARKS:

---

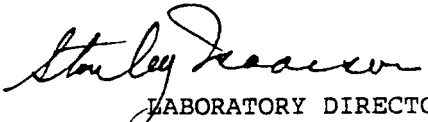
<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
TOTAL SOLIDS	97.7	%

---

COPIES TO: SFB/MOK

DATE ISSUED 06/29/92

ORIGINAL

  
LABORATORY DIRECTOR

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SOIL  
ROUTINE  
METHOD.....

DATE COLLECTED. 06/24/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: T-3(40'-42')  
REMARKS:

---

VOLATILE ORGANIC COMPOUNDS - ( ug/kg )

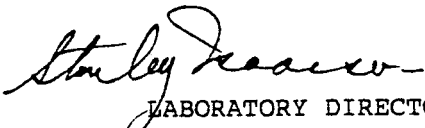
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<50	1,4-XYLENE	<50
CHLOROMETHANE	<50	1,2-XYLENE	<50
VINYL CHLORIDE	<50		
BROMOMETHANE	<50		
CHLOROETHANE	<50		
FLUOROTRICHLOROMETHANE	<50		
1,1-DICHLOROETHENE	<50		
METHYLENE CHLORIDE	<50		
TRANS-1,2-DICHLOROETHENE	<50		
1,1-DICHLOROETHANE	<50		
CIS-1,2-DICHLOROETHENE	<50		
CHLOROFORM	<50		
1,1,1-TRICHLOROETHANE	<50		
CARBON TETRACHLORIDE	<50		
1,2-DICHLOROETHANE	<50		
TRICHLOROETHENE	<50		
1,2-DICHLOROPROPANE	<50		
BROMODICHLOROMETHANE	<50		
TRANS-1,3-DICHLOROPROPENE	<50		
CIS-1,3-DICHLOROPROPENE	<50		
1,1,2-TRICHLOROETHANE	<50		
TETRACHLOROETHENE	<50		
CHLORODIBROMOMETHANE	<50		
CHLOROENZENE	<50		
BROMOFORM	<50		
1,1,2,2-TETRACHLOROETHANE	<50		
M-DICHLOROENZENE	<50		
P-DICHLOROENZENE	<50		
O-DICHLOROENZENE	<50		
BENZENE	<50		
TOLUENE	<50		
ETHYLBENZENE	<50		
1,3-XYLENE	<50		

---

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DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/26/92

  
LABORATORY DIRECTOR

ORIGINAL

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747  
(516)694-3000 FAX:(516)694-4122

LAB NO: 9220707

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SLUDGE  
ROUTINE  
METHOD.....

DATE COLLECTED. 06/24/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: LP-1  
REMARKS:

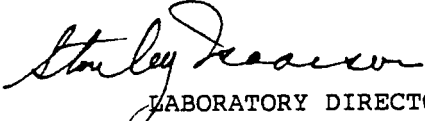
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<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
TOTAL SOLIDS	19.0	%

---

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DATE ISSUED 06/29/92

  
LABORATORY DIRECTOR

ORIGINAL

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SLUDGE  
ROUTINE  
METHOD.....

DATE COLLECTED. 06/24/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: LP-1  
REMARKS:

---

VOLATILE ORGANIC COMPOUNDS - ( ug/kg )

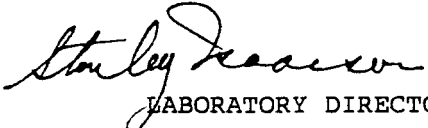
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<200	1,4-XYLENE	<200
CHLOROMETHANE	<200	1,2-XYLENE	<200
VINYL CHLORIDE	<200		
BROMOMETHANE	<200		
CHLOROETHANE	<200		
FLUOROTRICHLOROMETHANE	<200		
1,1-DICHLOROETHENE	<200		
METHYLENE CHLORIDE	<200		
TRANS-1,2-DICHLOROETHENE	<200		
1,1-DICHLOROETHANE	<200		
CIS-1,2-DICHLOROETHENE	<200		
CHLOROFORM	<200		
1,1,1-TRICHLOROETHANE	<200		
CARBON TETRACHLORIDE	<200		
1,2-DICHLOROETHANE	<200		
TRICHLOROETHENE	<200		
1,2-DICHLOROPROPANE	<200		
BROMODICHLOROMETHANE	<200		
TRANS-1,3-DICHLOROPROPENE	<200		
CIS-1,3-DICHLOROPROPENE	<200		
1,1,2-TRICHLOROETHANE	<200		
TETRACHLOROETHENE	<200		
CHLORODIBROMOMETHANE	<200		
CHLOROBENZENE	<200		
BROMOFORM	<200		
1,1,2,2-TETRACHLOROETHANE	<200		
M-DICHLOROBENZENE	<200		
P-DICHLOROBENZENE	<200		
O-DICHLOROBENZENE	<200		
BENZENE	<200		
TOLUENE	<200		
ETHYLBENZENE	<200		
1,3-XYLENE	<200		

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COPIES TO: SFB/MOK

DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/26/92

  
LABORATORY DIRECTOR

ORIGINAL

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747  
(516)694-3040 FAX:(516)694-4122

LAB NO: 9220708

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SLUDGE  
ROUTINE  
METHOD.....

DATE COLLECTED. 06/24/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: SEPTIC TANK  
REMARKS:

---

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
TOTAL SOLIDS	75.5	%

---

COPIES TO: SFB/MOK

DATE ISSUED 06/29/92

  
LABORATORY DIRECTOR

ORIGINAL

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SLUDGE  
ROUTINE  
METHOD....

DATE COLLECTED. 06/24/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: SEPTIC TANK  
REMARKS:

---

VOLATILE ORGANIC COMPOUNDS - ( ug/kg )

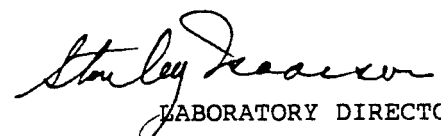
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<50	1,4-XYLENE	<50
CHLOROMETHANE	<50	1,2-XYLENE	<50
VINYL CHLORIDE	<50		
BROMOMETHANE	<50		
CHLOROETHANE	<50		
FLUOROTRICHLOROMETHANE	<50		
1,1-DICHLOROETHENE	<50		
METHYLENE CHLORIDE	<50		
TRANS-1,2-DICHLOROETHENE	<50		
1,1-DICHLOROETHANE	<50		
CIS-1,2-DICHLOROETHENE	<50		
CHLOROFORM	<50		
1,1,1-TRICHLOROETHANE	<50		
CARBON TETRACHLORIDE	<50		
1,2-DICHLOROETHANE	<50		
TRICHLOROETHENE	<50		
1,2-DICHLOROPROPANE	<50		
BROMODICHLOROMETHANE	<50		
TRANS-1,3-DICHLOROPROPENE	<50		
CIS-1,3-DICHLOROPROPENE	<50		
1,1,2-TRICHLOROETHANE	<50		
TETRACHLOROETHENE	<50		
CHLORODIBROMOMETHANE	<50		
CHLOROBENZENE	<50		
BROMOFORM	<50		
1,1,2,2-TETRACHLOROETHANE	<50		
M-DICHLOROBENZENE	<50		
P-DICHLOROBENZENE	<50		
O-DICHLOROBENZENE	<50		
BENZENE	<50		
TOLUENE	<50		
ETHYLBENZENE	<50		
1,3-XYLENE	<50		

---

COPIES TO: SFB/MOK

DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/26/92

  
LABORATORY DIRECTOR

ORIGINAL

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747  
(516)694-3040 FAX:(516)694-4122

LAB NO: 9220625

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SOIL  
ROUTINE  
METHOD....

DATE COLLECTED. 06/23/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: DW-2(14'-16')  
REMARKS:

---

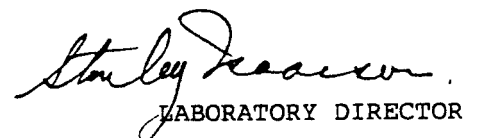
<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
TOTAL SOLIDS	96.0	%

---

COPIES TO: SFB/MOK

DATE ISSUED 06/29/92

ORIGINAL

  
LABORATORY DIRECTOR



BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SOIL  
ROUTINE  
METHOD.....

DATE COLLECTED.. 06/23/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: DW-2(14'-16')  
REMARKS:

---

VOLATILE ORGANIC COMPOUNDS - ( ug/kg )

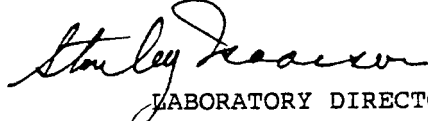
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<50	1,4-XYLENE	<50
CHLOROMETHANE	<50	1,2-XYLENE	<50
VINYL CHLORIDE	<50		
BROMOMETHANE	<50		
CHLOROETHANE	<50		
FLUOROTRICHLOROMETHANE	<50		
1,1-DICHLOROETHENE	<50		
METHYLENE CHLORIDE	<50		
TRANS-1,2-DICHLOROETHENE	<50		
1,1-DICHLOROETHANE	<50		
CIS-1,2-DICHLOROETHENE	<50		
CHLOROFORM	<50		
1,1,1-TRICHLOROETHANE	<50		
CARBON TETRACHLORIDE	<50		
1,2-DICHLOROETHANE	<50		
TRICHLOROETHENE	<50		
1,2-DICHLOROPROPANE	<50		
BROMODICHLOROMETHANE	<50		
TRANS-1,3-DICHLOROPROPENE	<50		
CIS-1,3-DICHLOROPROPENE	<50		
1,1,2-TRICHLOROETHANE	<50		
TETRACHLOROETHENE	<50		
CHLORODIBROMOMETHANE	<50		
CHLOROBENZENE	<50		
BROMOFORM	<50		
1,1,2,2-TETRACHLOROETHANE	<50		
M-DICHLOROBENZENE	<50		
P-DICHLOROBENZENE	<50		
O-DICHLOROBENZENE	<50		
BENZENE	<50		
TOLUENE	<50		
ETHYLBENZENE	<50		
1,3-XYLENE	<50		

---

COPIES TO: SFB/MOK

DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/26/92

  
LABORATORY DIRECTOR

ORIGINAL

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747  
(516)694-3040 FAX:(516)694-4122

LAB NO: 9220626

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SOIL  
ROUTINE  
METHOD....

DATE COLLECTED. 06/23/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: DW-3(23'-25')  
REMARKS:

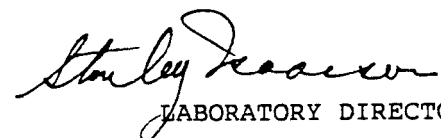
---

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
TOTAL SOLIDS	96.4	%

---

COPIES TO: SFB/MOK

DATE ISSUED 06/29/92

  
LABORATORY DIRECTOR

ORIGINAL

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SOIL  
ROUTINE  
METHOD.....

DATE COLLECTED. 06/23/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: DW-3(23'-25')  
REMARKS:

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VOLATILE ORGANIC COMPOUNDS - ( ug/kg )

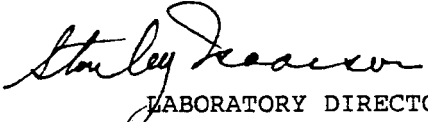
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<50	1,4-XYLENE	<50
CHLOROMETHANE	<50	1,2-XYLENE	<50
VINYL CHLORIDE	<50		
BROMOMETHANE	<50		
CHLOROETHANE	<50		
FLUOROTRICHLOROMETHANE	<50		
1,1-DICHLOROETHENE	<50		
METHYLENE CHLORIDE	<50		
TRANS-1,2-DICHLOROETHENE	<50		
1,1-DICHLOROETHANE	<50		
CIS-1,2-DICHLOROETHENE	<50		
CHLOROFORM	<50		
1,1,1-TRICHLOROETHANE	<50		
CARBON TETRACHLORIDE	<50		
1,2-DICHLOROETHANE	<50		
TRICHLOROETHENE	<50		
1,2-DICHLOROPROPANE	<50		
BROMODICHLOROMETHANE	<50		
TRANS-1,3-DICHLOROPROPENE	<50		
CIS-1,3-DICHLOROPROPENE	<50		
1,1,2-TRICHLOROETHANE	<50		
TETRACHLOROETHENE	<50		
CHLORODIBROMOMETHANE	<50		
CHLOROBENZENE	<50		
BROMOFORM	<50		
1,1,2,2-TETRACHLOROETHANE	<50		
M-DICHLOROBENZENE	<50		
P-DICHLOROBENZENE	<50		
O-DICHLOROBENZENE	<50		
BENZENE	<50		
TOLUENE	<50		
ETHYLBENZENE	<50		
1,3-XYLENE	<50		

---

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DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/26/92

  
LABORATORY DIRECTOR

ORIGINAL

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747  
(516)694-3040 FAX:(516)694-4122

LAB NO: 9220627

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SOIL  
ROUTINE  
METHOD....

DATE COLLECTED. 06/23/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: DW-8(10'-12')  
REMARKS:

---

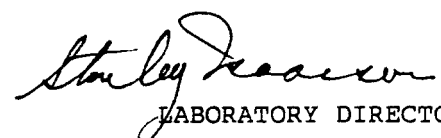
<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
TOTAL SOLIDS	91.3	%

---

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DATE ISSUED 06/29/92

ORIGINAL

  
LABORATORY DIRECTOR

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SOIL  
ROUTINE  
METHOD....

DATE COLLECTED. 06/23/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: DW-8(10'-12')  
REMARKS:

---

VOLATILE ORGANIC COMPOUNDS - ( ug/kg )

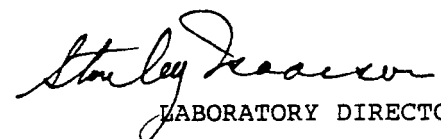
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<50	1,4-XYLENE	<50
CHLOROMETHANE	<50	1,2-XYLENE	<50
VINYL CHLORIDE	<50		
BROMOMETHANE	<50		
CHLOROETHANE	<50		
FLUOROTRICHLOROMETHANE	<50		
1,1-DICHLOROETHENE	<50		
METHYLENE CHLORIDE	<50		
TRANS-1,2-DICHLOROETHENE	<50		
1,1-DICHLOROETHANE	<50		
CIS-1,2-DICHLOROETHENE	<50		
CHLOROFORM	<50		
1,1,1-TRICHLOROETHANE	<50		
CARBON TETRACHLORIDE	<50		
1,2-DICHLOROETHANE	<50		
TRICHLOROETHENE	<50		
1,2-DICHLOROPROPANE	<50		
BROMODICHLOROMETHANE	<50		
TRANS-1,3-DICHLOROPROPENE	<50		
CIS-1,3-DICHLOROPROPENE	<50		
1,1,2-TRICHLOROETHANE	<50		
TETRACHLOROETHENE	81		
CHLORODIBROMOMETHANE	<50		
CHLOROBENZENE	<50		
BROMOFORM	<50		
1,1,2,2-TETRACHLOROETHANE	<50		
M-DICHLOROBENZENE	<50		
P-DICHLOROBENZENE	<50		
O-DICHLOROBENZENE	<50		
BENZENE	<50		
TOLUENE	<50		
ETHYLBENZENE	<50		
1,3-XYLENE	<50		

---

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DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/26/92

  
LABORATORY DIRECTOR

ORIGINAL

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747  
(516)694-3040 FAX:(516)694-4122

LAB NO: 9220628

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SOIL  
ROUTINE  
METHOD.....

DATE COLLECTED. 06/23/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: SB-1(2'-4')  
REMARKS:

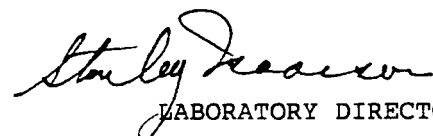
---

<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
TOTAL SOLIDS	91.1	%

---

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LABORATORY DIRECTOR

ORIGINAL

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SOIL  
ROUTINE  
METHOD.....

DATE COLLECTED. 06/23/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: SB-1(2'-4')  
REMARKS:

---

VOLATILE ORGANIC COMPOUNDS - ( ug/kg )

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<50	1,4-XYLENE	<50
CHLOROMETHANE	<50	1,2-XYLENE	<50
VINYL CHLORIDE	<50		
BROMOMETHANE	<50		
CHLOROETHANE	<50		
FLUOROTRICHLOROMETHANE	<50		
1,1-DICHLOROETHENE	<50		
METHYLENE CHLORIDE	<50		
TRANS-1,2-DICHLOROETHENE	<50		
1,1-DICHLOROETHANE	<50		
CIS-1,2-DICHLOROETHENE	<50		
CHLOROFORM	<50		
1,1,1-TRICHLOROETHANE	<50		
CARBON TETRACHLORIDE	<50		
1,2-DICHLOROETHANE	<50		
TRICHLOROETHENE	<50		
1,2-DICHLOROPROPANE	<50		
BROMODICHLOROMETHANE	<50		
TRANS-1,3-DICHLOROPROPENE	<50		
CIS-1,3-DICHLOROPROPENE	<50		
1,1,2-TRICHLOROETHANE	<50		
TETRACHLOROETHENE	2300		
CHLORODIBROMOMETHANE	<50		
CHLOROBENZENE	<50		
BROMOFORM	<50		
1,1,2,2-TETRACHLOROETHANE	<50		
M-DICHLOROBENZENE	<50		
P-DICHLOROBENZENE	<50		
O-DICHLOROBENZENE	<50		
BENZENE	<50		
TOLUENE	<50		
ETHYLBENZENE	<50		
1,3-XYLENE	<50		

---

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DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/26/92

*Stanley Deacon*  
LABORATORY DIRECTOR

ORIGINAL

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747  
(516)694-3040 FAX:(516)694-4122

LAB NO: 9220629

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SOIL  
ROUTINE  
METHOD....

DATE COLLECTED. 06/23/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: SB-2(2'-4')  
REMARKS:

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<u>PARAMETER (S)</u>	<u>RESULTS UNITS</u>
TOTAL SOLIDS	95.0 %

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ORIGINAL

  
LABORATORY DIRECTOR



BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SOIL  
ROUTINE  
METHOD....

DATE COLLECTED. 06/23/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: SB-2(2'-4')  
REMARKS:

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VOLATILE ORGANIC COMPOUNDS - ( ug/kg )

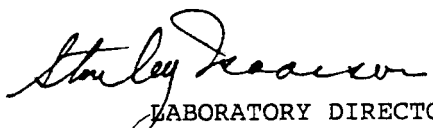
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<50	1,4-XYLENE	<50
CHLOROMETHANE	<50	1,2-XYLENE	<50
VINYL CHLORIDE	<50		
BROMOMETHANE	<50		
CHLOROETHANE	<50		
FLUOROTRICHLOROMETHANE	<50		
1,1-DICHLOROETHENE	<50		
METHYLENE CHLORIDE	<50		
TRANS-1,2-DICHLOROETHENE	<50		
1,1-DICHLOROETHANE	<50		
CIS-1,2-DICHLOROETHENE	<50		
CHLOROFORM	<50		
1,1,1-TRICHLOROETHANE	<50		
CARBON TETRACHLORIDE	<50		
1,2-DICHLOROETHANE	<50		
TRICHLOROETHENE	<50		
1,2-DICHLOROPROPANE	<50		
BROMODICHLOROMETHANE	<50		
TRANS-1,3-DICHLOROPROPENE	<50		
CIS-1,3-DICHLOROPROPENE	<50		
1,1,2-TRICHLOROETHANE	<50		
TETRACHLOROETHENE	910		
CHLORODIBROMOMETHANE	<50		
CHLOROBENZENE	<50		
BROMOFORM	<50		
1,1,2,2-TETRACHLOROETHANE	<50		
M-DICHLOROBENZENE	<50		
P-DICHLOROBENZENE	<50		
O-DICHLOROBENZENE	<50		
BENZENE	<50		
TOLUENE	<50		
ETHYLBENZENE	<50		
1,3-XYLENE	<50		

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DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/26/92

  
LABORATORY DIRECTOR

ORIGINAL

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803TYPE..... GROUND WATER  
ROUTINEDATE COLLECTED. 06/24/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201POINT NO:  
LOCATION: T-1  
REMARKS:

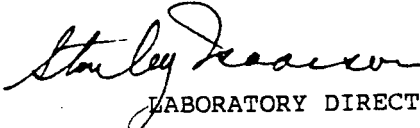
---

VOL. ORGANICS(601/602 & XYLENES) - ( ug/l )

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<3	1,4-XYLENE	<3
CHLOROMETHANE	<3	1,2-XYLENE	<3
VINYL CHLORIDE	<3		
BROMOMETHANE	<3		
CHLOROETHANE	<3		
FLUOROTRICHLOROMETHANE	<3		
1,1-DICHLOROETHENE	<3		
METHYLENE CHLORIDE	<3		
TRANS-1,2-DICHLOROETHENE	<3		
1,1-DICHLOROETHANE	4		
CIS-1,2-DICHLOROETHENE	<3		
CHLOROFORM	<3		
1,1,1-TRICHLOROETHANE	3		
CARBON TETRACHLORIDE	<3		
1,2-DICHLOROETHANE	<3		
TRICHLOROETHENE	23		
1,2-DICHLOROPROPANE	<3		
BROMODICHLOROMETHANE	<3		
TRANS-1,3-DICHLOROPROPENE	<3		
CIS-1,3-DICHLOROPROPENE	<3		
1,1,2-TRICHLOROETHANE	<3		
TETRACHLOROETHENE	45		
CHLORODIBROMOMETHANE	<3		
CHLOROBENZENE	<3		
BROMOFORM	<3		
1,1,2,2-TETRACHLOROETHANE	<3		
M-DICHLOROBENZENE	<3		
P-DICHLOROBENZENE	<3		
O-DICHLOROBENZENE	<3		
BENZENE	<3		
TOLUENE	<3		
ETHYLBENZENE	<3		
1,3-XYLENE	<3		

COPIES TO: SFB/MOK

DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/26/92  
LABORATORY DIRECTOR

ORIGINAL

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803TYPE..... GROUND WATER  
ROUTINEDATE COLLECTED. 06/24/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201POINT NO:  
LOCATION: T-2  
REMARKS:

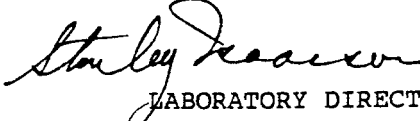
---

VOL. ORGANICS(601/602 & XYLENES) - ( ug/l )

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<3	1,4-XYLENE	<3
CHLOROMETHANE	<3	1,2-XYLENE	<3
VINYL CHLORIDE	<3		
BROMOMETHANE	<3		
CHLOROETHANE	<3		
FLUOROTRICHLOROMETHANE	<3		
1,1-DICHLOROETHENE	<3		
METHYLENE CHLORIDE	<3		
TRANS-1,2-DICHLOROETHENE	<3		
1,1-DICHLOROETHANE	<3		
CIS-1,2-DICHLOROETHENE	<3		
CHLOROFORM	<3		
1,1,1-TRICHLOROETHANE	<3		
CARBON TETRACHLORIDE	<3		
1,2-DICHLOROETHANE	<3		
TRICHLOROETHENE	<3		
1,2-DICHLOROPROPANE	<3		
BROMODICHLOROMETHANE	<3		
TRANS-1,3-DICHLOROPROPENE	<3		
CIS-1,3-DICHLOROPROPENE	<3		
1,1,2-TRICHLOROETHANE	<3		
TETRACHLOROETHENE	110		
CHLORODIBROMOMETHANE	<3		
CHLOROBENZENE	<3		
BROMOFORM	<3		
1,1,2,2-TETRACHLOROETHANE	<3		
M-DICHLOROBENZENE	<3		
P-DICHLOROBENZENE	<3		
O-DICHLOROBENZENE	<3		
BENZENE	<3		
TOLUENE	<3		
ETHYLBENZENE	<3		
1,3-XYLENE	<3		

COPIES TO: SFB/MOK

DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/26/92  
LABORATORY DIRECTOR

ORIGINAL

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... GROUND WATER  
ROUTINE

DATE COLLECTED. 06/24/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: T-3  
REMARKS:

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VOL. ORGANICS(601/602 & XYLENES) - ( ug/l )

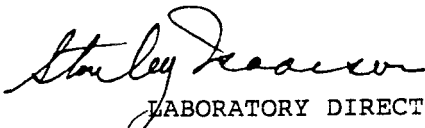
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<3	1,4-XYLENE	<3
CHLOROMETHANE	<3	1,2-XYLENE	<3
VINYL CHLORIDE	<3		
BROMOMETHANE	<3		
CHLOROETHANE	<3		
FLUOROTRICHLOROMETHANE	<3		
1,1-DICHLOROETHENE	<3		
METHYLENE CHLORIDE	<3		
TRANS-1,2-DICHLOROETHENE	<3		
1,1-DICHLOROETHANE	3		
CIS-1,2-DICHLOROETHENE	3		
CHLOROFORM	<3		
1,1,1-TRICHLOROETHANE	<3		
CARBON TETRACHLORIDE	<3		
1,2-DICHLOROETHANE	<3		
TRICHLOROETHENE	20		
1,2-DICHLOROPROPANE	<3		
BROMODICHLOROMETHANE	<3		
TRANS-1,3-DICHLOROPROPENE	<3		
CIS-1,3-DICHLOROPROPENE	<3		
1,1,2-TRICHLOROETHANE	<3		
TETRACHLOROETHENE	270		
CHLORODIBROMOMETHANE	<3		
CHLOROBENZENE	<3		
BROMOFORM	<3		
1,1,2,2-TETRACHLOROETHANE	<3		
M-DICHLOROBENZENE	<3		
P-DICHLOROBENZENE	<3		
O-DICHLOROBENZENE	<3		
BENZENE	<3		
TOLUENE	<3		
ETHYLBENZENE	<3		
1,3-XYLENE	<3		

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COPIES TO: SFB/MOK

DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/26/92

  
LABORATORY DIRECTOR

ORIGINAL

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... GROUND WATER  
ROUTINE

DATE COLLECTED. 06/24/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: MW-7  
REMARKS:

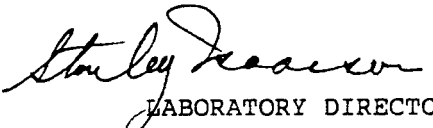
VOL. ORGANICS(601/602 & XYLENES) - ( ug/l )

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<3	1,4-XYLENE	<3
CHLOROMETHANE	<3	1,2-XYLENE	<3
VINYL CHLORIDE	<3		
BROMOMETHANE	<3		
CHLOROETHANE	<3		
FLUOROTRICHLOROMETHANE	<3		
1,1-DICHLOROETHENE	<3		
METHYLENE CHLORIDE	<3		
TRANS-1,2-DICHLOROETHENE	<3		
1,1-DICHLOROETHANE	3		
CIS-1,2-DICHLOROETHENE	<3		
CHLOROFORM	<3		
1,1,1-TRICHLOROETHANE	<3		
CARBON TETRACHLORIDE	<3		
1,2-DICHLOROETHANE	<3		
TRICHLOROETHENE	17		
1,2-DICHLOROPROPANE	<3		
BROMODICHLOROMETHANE	<3		
TRANS-1,3-DICHLOROPROPENE	<3		
CIS-1,3-DICHLOROPROPENE	<3		
1,1,2-TRICHLOROETHANE	<3		
TETRACHLOROETHENE	130		
CHLORODIBROMOMETHANE	<3		
CHLOROBENZENE	<3		
BROMOFORM	<3		
1,1,2,2-TETRACHLOROETHANE	<3		
M-DICHLOROBENZENE	<3		
P-DICHLOROBENZENE	<3		
O-DICHLOROBENZENE	<3		
BENZENE	<3		
TOLUENE	<3		
ETHYLBENZENE	<3		
1,3-XYLENE	<3		

COPIES TO: SFB/MOK

DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/26/92

  
LABORATORY DIRECTOR

ORIGINAL

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... GROUND WATER  
ROUTINE

DATE COLLECTED. 06/24/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: MW-6  
REMARKS:

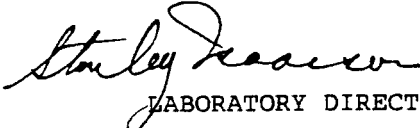
VOL. ORGANICS(601/602 & XYLENES) - ( ug/l )

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<3	1,4-XYLENE	<3
CHLOROMETHANE	<3	1,2-XYLENE	<3
VINYL CHLORIDE	<3		
BROMOMETHANE	<3		
CHLOROETHANE	<3		
FLUOROTRICHLOROMETHANE	<3		
1,1-DICHLOROETHENE	<3		
METHYLENE CHLORIDE	<3		
TRANS-1,2-DICHLOROETHENE	<3		
1,1-DICHLOROETHANE	<3		
CIS-1,2-DICHLOROETHENE	<3		
CHLOROFORM	<3		
1,1,1-TRICHLOROETHANE	<3		
CARBON TETRACHLORIDE	<3		
1,2-DICHLOROETHANE	<3		
TRICHLOROETHENE	11		
1,2-DICHLOROPROPANE	<3		
BROMODICHLOROMETHANE	<3		
TRANS-1,3-DICHLOROPROPENE	<3		
CIS-1,3-DICHLOROPROPENE	<3		
1,1,2-TRICHLOROETHANE	<3		
TETRACHLOROETHENE	430		
CHLORODIBROMOMETHANE	<3		
CHLOROBENZENE	<3		
BROMOFORM	<3		
1,1,2,2-TETRACHLOROETHANE	<3		
M-DICHLOROBENZENE	<3		
P-DICHLOROBENZENE	<3		
O-DICHLOROBENZENE	<3		
BENZENE	<3		
TOLUENE	<3		
ETHYLBENZENE	<3		
1,3-XYLENE	<3		

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DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/26/92

  
LABORATORY DIRECTOR

ORIGINAL

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... GROUND WATER  
ROUTINE

DATE COLLECTED. 06/24/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION MW-3  
REMARKS:

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VOL. ORGANICS(601/602 & XYLENES) - ( ug/l )

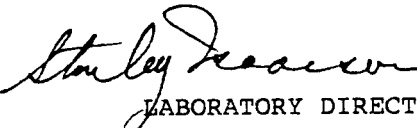
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<3	1,4-XYLENE	<3
CHLOROMETHANE	<3	1,2-XYLENE	<3
VINYL CHLORIDE	<3		
BROMOMETHANE	<3		
CHLOROETHANE	<3		
FLUOROTRICHLOROMETHANE	<3		
1,1-DICHLOROETHENE	<3		
METHYLENE CHLORIDE	<3		
TRANS-1,2-DICHLOROETHENE	<3		
1,1-DICHLOROETHANE	<3		
CIS-1,2-DICHLOROETHENE	<3		
CHLOROFORM	<3		
1,1,1-TRICHLOROETHANE	<3		
CARBON TETRACHLORIDE	<3		
1,2-DICHLOROETHANE	<3		
TRICHLOROETHENE	<3		
1,2-DICHLOROPROPANE	<3		
BROMODICHLOROMETHANE	<3		
TRANS-1,3-DICHLOROPROPENE	<3		
CIS-1,3-DICHLOROPROPENE	<3		
1,1,2-TRICHLOROETHANE	<3		
TETRACHLOROETHENE	19		
CHLORODIBROMOMETHANE	<3		
CHLOROENZENE	<3		
BROMOFORM	<3		
1,1,2,2-TETRACHLOROETHANE	<3		
M-DICHLOROENZENE	<3		
P-DICHLOROENZENE	<3		
O-DICHLOROENZENE	<3		
BENZENE	<3		
TOLUENE	<3		
ETHYLBENZENE	<3		
1,3-XYLENE	<3		

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COPIES TO: SFB/MOK

DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/26/92

  
LABORATORY DIRECTOR

ORIGINAL

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... GROUND WATER  
ROUTINE

DATE COLLECTED. 06/24/92                      POINT NO:  
DATE RECEIVED.. 06/24/92                      LOCATION: MW-1  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201                      REMARKS:


VOL. ORGANICS(601/602 & XYLENES) - ( ug/l )

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<3	1,4-XYLENE	<3
CHLOROMETHANE	<3	1,2-XYLENE	<3
VINYL CHLORIDE	<3		
BROMOMETHANE	<3		
CHLOROETHANE	<3		
FLUOROTRICHLOROMETHANE	<3		
1,1-DICHLOROETHENE	<3		
METHYLENE CHLORIDE	<3		
TRANS-1,2-DICHLOROETHENE	<3		
1,1-DICHLOROETHANE	<3		
CIS-1,2-DICHLOROETHENE	<3		
CHLOROFORM	<3		
1,1,1-TRICHLOROETHANE	<3		
CARBON TETRACHLORIDE	<3		
1,2-DICHLOROETHANE	<3		
TRICHLOROETHENE	<3		
1,2-DICHLOROPROPANE	<3		
BROMODICHLOROMETHANE	<3		
TRANS-1,3-DICHLOROPROPENE	<3		
CIS-1,3-DICHLOROPROPENE	<3		
1,1,2-TRICHLOROETHANE	<3		
TETRACHLOROETHENE	<3		
CHLORODIBROMOMETHANE	<3		
CHLOROBENZENE	<3		
BROMOFORM	<3		
1,1,2,2-TETRACHLOROETHANE	<3		
M-DICHLOROBENZENE	<3		
P-DICHLOROBENZENE	<3		
O-DICHLOROBENZENE	<3		
BENZENE	<3		
TOLUENE	<3		
ETHYLBENZENE	<3		
1,3-XYLENE	<3		

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DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/29/92

  
LABORATORY DIRECTOR

ORIGINAL



BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... BLANK  
ROUTINE

DATE COLLECTED. 06/24/92  
DATE RECEIVED.. 06/24/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: FIELD BLANK  
REMARKS:


VOL. ORGANICS(601/602 & XYLENES) - ( ug/l )

<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<1	1,4-XYLENE	<1
CHLOROMETHANE	<1	1,2-XYLENE	<1
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		
BENZENE	<1		
TOLUENE	<1		
ETHYLBENZENE	<1		
1,3-XYLENE	<1		

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DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/29/92

  
LABORATORY DIRECTOR

ORIGINAL

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747  
(516)694-3040 FAX:(516)694-4122

LAB NO: 9220732

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SOIL  
ROUTINE  
METHOD....

DATE COLLECTED. 06/23/92  
DATE RECEIVED.. 06/25/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: DW-1(16'-18')  
REMARKS:

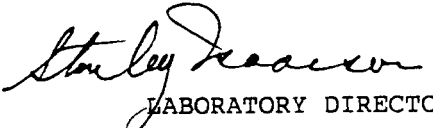
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<u>PARAMETER (S)</u>	<u>RESULTS</u>	<u>UNITS</u>
TOTAL SOLIDS	97.9	%

---

COPIES TO:

DATE ISSUED 06/29/92

  
LABORATORY DIRECTOR

ORIGINAL

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SOIL  
ROUTINE  
METHOD....

DATE COLLECTED. 06/23/92  
DATE RECEIVED.. 06/25/92  
COLLECTED BY... MSC03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: DW-1(16'-18')  
REMARKS:

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VOLATILE ORGANIC COMPOUNDS - ( ug/kg )

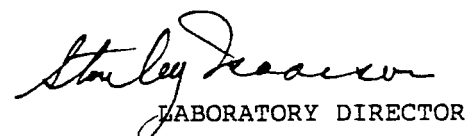
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<50	1,4-XYLENE	<50
CHLOROMETHANE	<50	1,2-XYLENE	<50
VINYL CHLORIDE	<50		
BROMOMETHANE	<50		
CHLOROETHANE	<50		
FLUOROTRICHLOROMETHANE	<50		
1,1-DICHLOROETHENE	<50		
METHYLENE CHLORIDE	<50		
TRANS-1,2-DICHLOROETHENE	<50		
1,1-DICHLOROETHANE	<50		
CIS-1,2-DICHLOROETHENE	<50		
CHLOROFORM	<50		
1,1,1-TRICHLOROETHANE	<50		
CARBON TETRACHLORIDE	<50		
1,2-DICHLOROETHANE	<50		
TRICHLOROETHENE	<50		
1,2-DICHLOROPROPANE	<50		
BROMODICHLOROMETHANE	<50		
TRANS-1,3-DICHLOROPROPENE	<50		
CIS-1,3-DICHLOROPROPENE	<50		
1,1,2-TRICHLOROETHANE	<50		
TETRACHLOROETHENE	<50		
CHLORODIBROMOMETHANE	<50		
CHLOROBENZENE	<50		
BROMOFORM	<50		
1,1,2,2-TETRACHLOROETHANE	<50		
M-DICHLOROBENZENE	<50		
P-DICHLOROBENZENE	<50		
O-DICHLOROBENZENE	<50		
BENZENE	<50		
TOLUENE	<50		
ETHYLBENZENE	<50		
1,3-XYLENE	<50		

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COPIES TO:

DATE ISSUED 06/29/92

DATE RUN..... 06/25/92  
DATE REPORTED.. 06/26/92

  
LABORATORY DIRECTOR

ORIGINAL

# H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747  
(516)694-3040 FAX:(516)694-4122

LAB NO: 9221207

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SLUDGE  
SPECIAL  
METHOD..... GRAB

DATE COLLECTED. 06/24/92  
DATE RECEIVED.. 06/30/92  
COLLECTED BY... CJF03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: LP-2  
CESSPOOL  
REMARKS:

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PARAMETER (S)

RESULTS UNITS

TOTAL SOLIDS

23.6 %

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DATE ISSUED 07/02/92

  
LABORATORY DIRECTOR

ORIGINAL

BOWE SYSTEM & MACHINE INC.  
RICHARD REILLY  
200 FRANK RD.  
HICKSVILLE, NY 11803

TYPE..... SLUDGE  
SPECIAL  
METHOD.... GRAB

DATE COLLECTED. 06/24/92  
DATE RECEIVED.. 06/30/92  
COLLECTED BY... CJF03  
PROJECT NO..... BOWE9201

POINT NO:  
LOCATION: LP-2  
CESSPOOL  
REMARKS:

---

VOLATILE ORGANIC COMPOUNDS - ( ug/l )

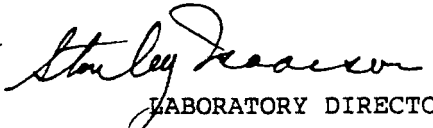
<u>PARAMETER (S)</u>	<u>RESULT</u>	<u>PARAMETER (S)</u>	<u>RESULT</u>
DICHLORODIFLUOROMETHANE	<150	\ 1,4-XYLENE	-
CHLOROMETHANE	<150	1,2-XYLENE	<150
VINYL CHLORIDE	<150		
BROMOMETHANE	<150	/ REPORTED VALUE	
CHLOROETHANE	<150	\ REPRESENTS TOTAL	
FLUOROTRICHLOROMETHANE	<150		
1,1-DICHLOROETHENE	<150		
METHYLENE CHLORIDE	<150		
TRANS-1,2-DICHLOROETHENE	<150		
1,1-DICHLOROETHANE	<150		
CIS-1,2-DICHLOROETHENE	<150		
CHLOROFORM	<150		
1,1,1-TRICHLOROETHANE	<150		
CARBON TETRACHLORIDE	<150		
1,2-DICHLOROETHANE	<150		
TRICHLOROETHENE	<150		
1,2-DICHLOROPROPANE	<150		
BROMODICHLOROMETHANE	<150		
TRANS-1,3-DICHLOROPROPENE	<150		
CIS-1,3-DICHLOROPROPENE	<150		
1,1,2-TRICHLOROETHANE	<150		
TETRACHLOROETHENE	<150		
CHLORODIBROMOMETHANE	<150		
CHLOROBENZENE	<150		
BROMOFORM	<150		
1,1,2,2-TETRACHLOROETHANE	<150		
M-DICHLOROBENZENE	480		
P-DICHLOROBENZENE	1100		
O-DICHLOROBENZENE	220		
BENZENE	<150		
TOLUENE	<150		
ETHYLBENZENE	<150		
/ 1,3-XYLENE	180		

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COPIES TO: SFB/MOK

DATE ISSUED 07/02/92

DATE RUN..... 07/01/92  
DATE REPORTED.. 07/01/92

  
LABORATORY DIRECTOR

ORIGINAL