


REPORT
 SUBSURFACE INVESTIGATION
 WISCONSIN AIR NATIONAL GUARD
 TRUAX FIELD

July 29, 1992

DAMES & MOORE

Site 8

 **DAMES & MOORE**

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July 30, 1992

Mr. Mike Schmoller
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Madison, Wisconsin 53711-5397

RE: Report of Investigation
Wisconsin Air National Guard
Apron Area
Truax Field, Madison, Wisconsin

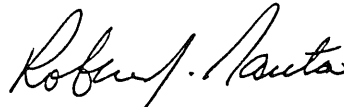
Dear Mr. Schmoller:

Attached please find the Dames & Moore report of investigation of the apron area of the Wisconsin Air National Guard facility at Truax Field, Madison.

If you have any questions about this report, please call us at 244-1788.

Sincerely,

DAMES & MOORE



Robert J. Nauta
Project Manager

cc: Capt. Sachse - Wis. A.N.G.
Mr. Dave Elder - Mead & Hunt
Mr. Sam Cooke - Dames & Moore

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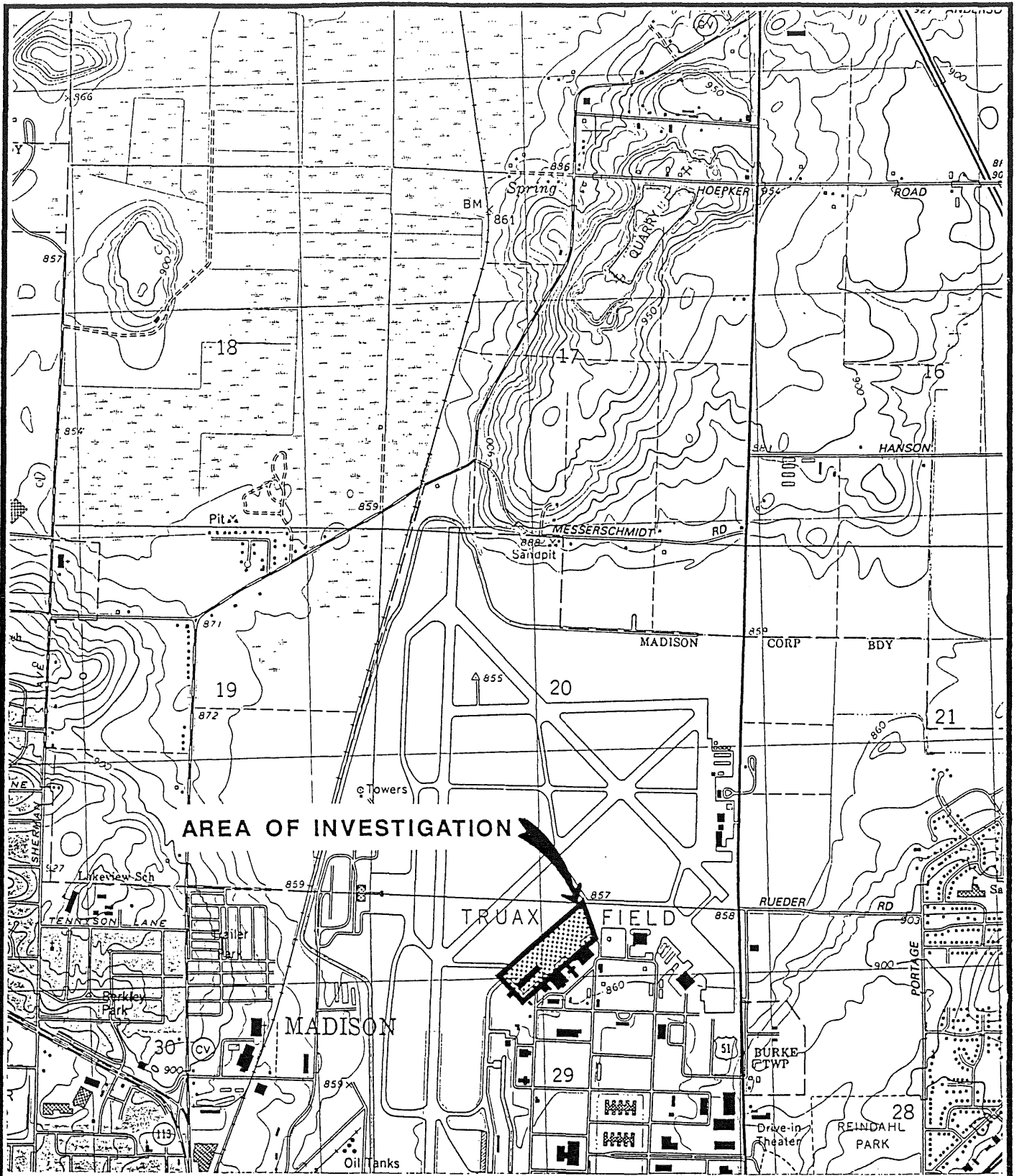
APPENDICES

- Appendix A - Boring Logs
- Appendix B - WDNR Well Construction Diagrams
- Appendix C - Slug Test Results
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1.0 INTRODUCTION AND OBJECTIVES

The Wisconsin Air National Guard (WANG) operates a facility at Truax Field in Madison, Wisconsin (See Figure 1). In preparation for apron reconstruction to accommodate the conversion from A-10 to F-14 aircraft, Mead & Hunt recently conducted a geotechnical investigation. During the course of their investigation, Mead & Hunt collected soil samples on which headspace analyses were performed using an Hnu photoionization detector (PID). These headspace analyses indicated the possible presence of elevated levels of hydrocarbons in the soils beneath the apron. Due to a shallow water table at the site, the potential for groundwater contamination also existed.

Based upon these results and on discussions with the Wisconsin Department of Natural Resources (WDNR), Mead & Hunt retained Dames & Moore on behalf of the WANG to perform a subsurface environmental investigation. The objectives of this investigation were to define the extent and nature of soil and groundwater contamination and to make recommendations for further action.



AREA OF INVESTIGATION

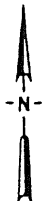
TRUAX FIELD

MADISON

BASE MAP SOURCE:
 USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE,
 DE FOREST, WISCONSIN, DATED 1983

**WISCONSIN AIR NATIONAL GUARD
 TRUAX APRON RECONSTRUCTION
 SOIL CONTAMINATION INVESTIGATION**

**FIGURE 1
 SITE LOCATION MAP**



SCALE: 1" = 2000'

DRN. BY SLH	PROJ. NO. 24410-001
DATE MAY 1992	DAMES & MOORE

2.0 SCOPE OF WORK

Dames & Moore completed a scope of work which included groundwater flow analysis and soil and groundwater quality analyses. This scope of work included the following tasks:

Task 1 - Preliminary Groundwater Flow Analysis

Before monitor well locations were finalized, groundwater levels were collected at the existing monitor wells at the WANG facility and a water table map was constructed. Additionally, the groundwater flow directions at the nearby City of Madison Truax landfill site were reviewed.

Task 2 - Soil Boring and Sampling Program

Based upon the results of the headspace analyses performed on soil samples collected during the Mead & Hunt investigation, 19 soil boring locations were selected. At each of those locations, split spoon soil samples were collected on 2.5-foot intervals. Based upon headspace analyses of these samples, two samples were selected from each boring on which laboratory analyses were performed (Task 4).

Task 3 - Monitor Well Installations and Groundwater Sampling

Groundwater quality was investigated both upgradient and downgradient of the area of investigation. Four existing monitor wells (W-7, W-9, W-15 and W-17) were suitable for that purpose. The remaining existing monitor wells were not used either because of their distance from the area of investigation or because they are separated from the area of investigation by other potential sources of contamination (Hazwrap, 1991).

At each new monitor well location, soil samples were collected and analyzed as described in Task 2. Each well was properly developed and sampled, and slug tests were performed in

each of the new wells for an indication of the aquifer's hydraulic conductivity and potential for contaminant transport.

After well development was completed, groundwater levels were measured and well elevations and locations were surveyed. An updated water table map was then constructed.

Task 4 - Soil and Groundwater Analyses

Soil and groundwater samples were analyzed for volatile organic compounds (VOCs) using EPA methods 8010 and 8020 for soils and method 8021 for groundwater.

Task 5 - Report Preparation

Upon completion of the field and analytical investigation, this report was prepared.

3.0 RESULTS

3.1 Preliminary Groundwater Flow Analysis

Previously, monitor wells have been installed at the WANG facility to investigate other subsurface contamination occurrences (see Plan Sheet 1 - W-1 thru W-17).

Water levels were measured in these wells on April 6, 1992. The water table map constructed from these data is presented on Plan Sheet 2. At this time, the flow of shallow groundwater was to the southeast at a gradient of approximately 1 ft/100 ft. The water level data are presented in Table 1.

The City of Madison's Truax Landfill is located southwest of the Dane County Regional airport, approximately 1/2 mile from the WANG facility. Groundwater flow at the landfill site is dominated by a groundwater depression, immediately west of the landfill, resulting in a westerly flow direction at the landfill. Water levels in monitor wells east and south of the landfill, however, indicate that regional flow at the site may actually be in a southeasterly direction, as indicated by the WANG monitor well network.

3.2 Soil Boring and Sampling

Dames & Moore conducted soil boring activities at the WANG facility on April 13-16, 1992. The Dames & Moore soil boring locations are shown on Plan Sheet 1. The Dames & Moore borings are indicated as boring numbers B-55 through B-73, following the numbering system initiated by the Mead & Hunt investigation. Each boring was advanced to a depth of 10 feet. Extensive geologic sections were presented in the Mead & Hunt Phase 1 (20%) report, and are not duplicated in this report. Dames & Moore's assessment of the shallow stratigraphy agrees with the Mead & Hunt findings of clay overlaying silty sands. Boring logs are presented in Appendix A and WDNR borehole abandonment forms are presented in Appendix B.

TABLE 1
GROUNDWATER LEVELS
APRIL 6, 1992

WELL	TOP OF CASING (feet, MSL)	DEPTH TO WATER (feet)	GROUNDWATER ELEVATION (feet, MSL)
W-1	859.94	11.36	848.58
W-2	863.02	14.51	848.51
W-4	861.00	11.42	849.58
W-5	860.82	11.29	849.53
W-6	857.62	8.20	849.42
W-7	859.74	9.87	849.87
W-8	857.74	7.91 ¹	849.83
W-9	858.46	8.52	849.94
W-10	859.05	9.18 ¹	849.87
W-11	858.55	8.81	849.74
W-12	858.91	9.23	849.68
W-13	860.71	11.13	849.58
W-14	863.40	14.20	849.20

¹ Possible free product.

3.3 Monitor Well Installation and Groundwater Sampling

During the Dames & Moore mobilization (April 13-16, 1992) five new monitor wells were installed at the WANG site, including a water table well/piezometer nest. The new wells are indicated on Plan Sheet 1 as wells W-20 through W-23. Boring logs are presented in Appendix A and WDNR well construction diagrams are presented in Appendix B.

All wells are constructed of 2" i.d. Schedule 40, flush-threaded PVC. Water table wells have 10-foot PVC screens with 0.01-inch slots. The piezometer (W-22D) has a 5-foot PVC screen with 0.01 -inch slots. All wells were constructed in accordance with Wis. Admin. Code ch. NR-141 guidelines.

3.3.1 Groundwater Flow

Water levels were recorded in the new monitor wells on May 20, 1992. Additionally, water levels were measured in wells W-7, W-9, W-15 and W-17, which are located adjacent to the apron area and were used in this investigation. These data are presented in Table 2 and the water table map constructed from them is presented on Plan Sheet 3.

The data collected on May 20 differ from the April 6 data in that the prominent groundwater flow in the apron area was toward the northwest; however, a groundwater divide occurs due to an apparent localized depression in the vicinity of well W-7. Additionally, the W-22 well nest, which is located near W-7, exhibited a strong upward flow gradient. This flow gradient, combined with a localized depression, suggests the presence of a groundwater discharge in the area. The groundwater gradient in the apron area was approximately 7.5 ft/1000 ft.

therefore, incorrect

WRONG - casing height error

**TABLE 2
GROUNDWATER LEVELS
MAY 20, 1992**

WELL	TOP OF CASING (feet, MSL)	DEPTH TO WATER (feet)	GROUNDWATER ELEVATION (feet, MSL)
W-7	859.74	13.98	845.76
W-9	858.46	11.78	846.68
W-15	855.60	8.00	847.60 ¹
W-17	857.01	11.14	845.87
W-20	858.77	9.21	849.56
W-21	859.00	9.33	849.67
W-22S	858.69 <i>859.00</i>	10.13	848.56
W-22D	859.89	10.36	849.53
W-23	858.47	11.35	847.12

*Top of casing
error
should be
849.56*

¹ Possible free product.

3.3.2 Hydraulic Conductivity

All wells installed as part of the Dames & Moore investigation were screened in fine- to medium-grained sands. Slug tests were performed on the Dames & Moore monitor wells on May 5, 1992. A slug test is a method in which a known volume of water within a well is displaced and the response of the water level within the well is monitored. From these observations, the aquifer's hydraulic conductivity can be calculated by means of curve fitting. The graphical results of these analyses are presented in Appendix C. As shown below, the slug test analyses indicate hydraulic conductivities at the site ranging from 2.9 ft/day to 27.2 ft/day. Calculated hydraulic conductivity values were highest at wells W-22S and W-22D, ranging from 15.0 ft/day to 27.2 ft/day. At the remaining wells, computed hydraulic conductivities range from 2.9 ft/day to 7.7 ft/day.

**TABLE 3
SLUG TEST RESULTS**

WELL	HYDRAULIC CONDUCTIVITY (feet/day)	
	SLUG IN	SLUG OUT
W-20	7.7	6.0
W-21	3.0	5.8
W-22S	15.0	19.5
W-22D	18.9	27.2
W-23	2.9	3.2

Groundwater velocity is calculated using the following equation:

$$v = \frac{K \frac{dh}{dx}}{n}$$

where: v = groundwater velocity (ft/day);
 k = hydraulic conductivity (ft/day);
 dh/dx = groundwater gradient (dimensionless); and
 n = effective porosity (dimensionless).

Based upon these results, a groundwater gradient ranging from 1 ft/100 ft (April 6, 1992 data) to 7.5 ft/1000 ft (May 20, 1992 data) and an assumed porosity of 0.2, a range of possible groundwater travel velocities of 0.015 ft/day to 1.0 ft/day was calculated.

3.3.3 Well Development and Groundwater Sampling

After well construction, each new monitor well was developed by purging a minimum of 10 well volumes. The wells were then sampled, on April 20, 1992. Existing wells W-7, W-9, W-15 and W-17 were purged of 3 well volumes prior to sampling on May 20, 1992.

3.4 Laboratory Analyses

Soil and groundwater were packed in ice and sent to NET Midwest, Inc. in Watertown, Wisconsin for laboratory analyses. NET is a State of Wisconsin certified environmental testing laboratory (certification number 128053530). As indicated in Section 2, these samples were analyzed for VOCs.

3.4.1 Soil Analyses

As indicated in Section 2, head space analyses were performed on all soil samples. These analyses were conducted using a Photovac Microtip photoionization detector. The results of the head space analyses are presented in Table 4.

Based upon the head space analyses (and in some instances on sample recovery), two samples were selected from each boring for laboratory analyses. The results of these analyses are tabulated in Table 5, and are presented graphically on Plan Sheet 4. The complete analytical results are presented in Appendix D.

The soil analyses indicate three separate areas of soil contamination:

Area 1. This is the area surrounding borings B-58, B-59 and B-60. This area is bounded by clean soil analyses in borings W-23, B-57, B-65 and B-66. The extent of soil contamination to the northwest is unknown, however, this area of contaminated soils is along the former fuel distribution line, and therefore may not extend more than a few feet beyond the edge of the apron. This direction (northwest) is, however, the same as the groundwater flow beneath the apron. Consequently, it is possible that groundwater has transported contaminants a considerable distance from the apron.

Because this is a small area that coincides with the former jet fuel distribution system, Dames & Moore considers the soil analyses results to be representative of jet fuel contamination. Specifically, trimethylbenzenes and xylenes are present, and benzene is absent.

Area 2. This is the area surrounding borings W-22, B-62 and B-68. This area is bounded by clean soil analyses in borings B-63, B-69 and B-72. The extent of soil contamination to the south, east and north is undefined, and the presence of benzene in the soils at borings W-22 and B-68 may indicate the presence of two separate sources of contamination.

**TABLE 4
HEAD SPACE ANALYSES**

Boring	Depth (feet)	PID Reading (ppm)	Boring	Depth (feet)	PID Reading (ppm)
B-55	1-2.5	39.4*	B-60	8.5-10	47.2*
B-55	3.5-5	27.1	B-61	1-2.5	21.2*
B-55	6-7.5	48.6*	B-61	3.5-5	27.3*
B-55	8.5-9	27.2	B-61	6-7.5	14.5
B-56	1-2.5	35.7*	B-61	8.5-10	13.1
B-56	3.5-5	39.7*	B-62	1-2.5	44.9
B-56	6-7.5	27.8	B-62	3.5-5	2777.0*
B-56	8.5-10	28.1	B-62	6-7.5	2425.0*
B-57	1-2.5	(1)	B-62	8.5-10	1051.0
B-57	3.5-5	75.9*	B-63	1-2.5	(1)
B-57	6-7.5	105.0*	B-63	3.5-5	(1)*
B-57	8.5-10	75.0	B-63	6-7.5	77.2
B-58	1-2.5	51.5	B-63	8.5-10	54.1
B-58	3.5-5	2423.0*	B-64	1-2.5	65.9*
B-58	6-7.5	787.0*	B-64	3.5-5	123.0*
B-58	8.5-10	801.0*	B-64	6-7.5	43.5
B-59	1-2.5	28.0	B-64	8.5-10	38.8
B-59	3.5-5	724.0*	B-65	1-2.5	16.7
B-59	6-7.5	1175.0*	B-65	3.5-5	66.1*
B-59	8.5-10	81.0	B-65	6-7.5	27.2
B-60	1-2.5	41.0	B-65	8.5-10	20.1*
B-60	3.5-5	41.6*	B-66	1-2.5	21.5
B-60	6-7.5	39.9	B-66	3.5-5	22.2*

HEAD SPACE ANALYSES (CONT.)

Boring	Depth (feet)	PID Reading (ppm)	Boring	Depth (feet)	PID Reading (ppm)
B-66	6-7.5	18.8*	B-72	6-7.5	20.6
B-66	8.5-10	17.8	B-72	8.5-10	25.9
B-67	1-2.5	18.0	B-73	0-1.5	26.3*
B-67	3.5-5	478.0*	B-73	3.5-5	24.5*
B-67	6-7.5	25.7*	B-73	6-7.5	11.5
B-67	8.5-10	21.0	B-73	8.5-10	16.5
B-68	1-2.5	0.0	W-20	0-1.5	20.3
B-68	3.5-5	12.8	W-20	2.5-4	18.9
B-68	6-7.5	110.0*	W-20	5-6.5	26.1*
B-68	8.5-10	81.7*	W-20	7.5-9	26.0
B-69	1-2.5	5.8	W-20	10-11.5	24.0*
B-69	3.5-5	32.3*	W-20	12.5-14	26.3
B-69	6-7.5	23.1*	W-21	0-1.5	20.1
B-69	8.5-10	13.2	W-21	2.5-4	25.0*
B-70	1-2.5	40.4*	W-21	5-6.5	24.5
B-70	3.5-5	82.5*	W-21	7.5-9	27.6
B-70	6-7.5	35.3	W-21	10-11.5	27.0*
B-70	7.5-10	34.3	W-21	12.5-14	27.2
B-71	1-2.5	19.0*	W-22	0-1.5	15.0
B-71	3.5-5	15.3	W-22	2.5-4	19.0*
B-71	6-7.5	15.7	W-22	5-6.5	13.7
B-71	8.5-10	27.2*	W-22	7.5-9	27.3
B-72	1-2.5	28.4*	W-22	10-11.5	24.4
B-72	3.5-5	26.2*	W-22	12.5-14	13.4

HEAD SPACE ANALYSES (CONT.)

Boring	Depth (feet)	PID Reading (ppm)	Boring	Depth (feet)	PID Reading (ppm)
W-22	15-16.5	23.9	W-22	37.5-39	15.4
W-22	17.5-19	14.3	W-23	0-1.5	23.2
W-22	20-21.5	19.8	W-23	2.5-4	(1)
W-22	22.5-24	12.0	W-23	5-6.5	15.8*
W-22	25-26.5	18.6	W-23	7.5-9	16.3
W-22	27.5-29	21.2	W-23	10-11.5	26.0*
W-22	30-31.5	16.0	W-23	12.5-14	26.0
W-22	32.5-34	23.1			
W-22	35-36.5	12.8			

* Sample forwarded to lab for analysis.

(1) Insufficient sample.

**TABLE 5
RESULTS OF SOIL ANALYSES**

Parameter	Boring Number											
	B-55		B-56		B-57		B-58 ¹			B-59		
	1-2.5 ft	6-7.5 ft	1-2.5 ft	3.5-5 ft	3.5-5 ft	6-7.5 ft	3.5-5 ft	6-7.5 ft	8.5-10 ft	3.5-5 ft	6-7.5 ft	
Benzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
n-Butylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	89.
tert-Butylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	29.
Chlorobenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.11	<0.1	<0.1	<0.1	0.2	<0.1
1,2-Dichloroethane	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ethylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	<0.1	<0.1	0.2	20.
Isopropylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	3.1	<0.1	<0.1	<0.1	<0.1	29.
Naphthalene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	4.8	0.2	0.2	<.01	<.01	8.6
n-Propylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	2.5	<0.1	<0.1	<0.1	<0.1	55.
1,2,4-Trimethylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	25.	0.2	0.2	1.3	1.3	159.
1,3,5-Trimethylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	12.	0.3	0.3	0.8	0.8	78.
Total xylenes	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	3.5	0.1	0.1	0.8	0.8	37.

¹ Due to limited volumes in the split spoon samples, a duplicate was not possible. In lieu of a duplicate, 3 adjacent samples were analyzed from boring B-58.

RESULTS OF SOIL ANALYSES

Parameter	Boring Number									
	B-60		B-61		B-62		B-63		B-64	
	3.5-5 ft	8.5-10 ft	1-2.5 ft	3.3-5 ft	3.5-5 ft	6-7-7.5 ft	3.5-5 ft	6-7.5 ft	1-2.5 ft	3.5-5 ft
Benzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
n-Butylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
tert-Butylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorobenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichloroethane	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ethylbenzene	<0.1	<0.1	<0.1	<0.1	4.2	6.2	<0.1	<0.1	<0.1	<0.1
Isopropylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Naphthalene	<0.1	<0.1	<0.1	<0.1	6.4	8.8	<0.1	<0.1	<0.1	<0.1
n-Propylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trimethylbenzene	0.2	<0.1	<0.1	<0.1	16.	22.	<0.1	<0.1	<0.1	<0.1
1,3,5-Trimethylbenzene	0.2	<0.1	<0.1	<0.1	12.	13.	<0.1	<0.1	<0.1	<0.1
Total xylenes	0.1	<0.1	<0.1	<0.1	14.	15.	<0.1	<0.1	< 0.1	<0.1

RESULTS OF SOIL ANALYSES

Parameter	Boring Number									
	B-65		B-66		B-67		B-68		B-69	
	3.5-5 ft	8.5-10 ft	3.5-5 ft	6-7.5 ft	3.5-5 ft	6-7-7.5 ft	6-7.5 ft	8.5-10 ft	3.5-5 ft	6-7.5 ft
Benzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	0.1	<0.1	<0.1
n-Butylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
tert-Butylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorobenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichloroethane	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ethylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isopropylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Naphthalene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
n-Propylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trimethylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3,5-Trimethylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total xylenes	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	< 0.1	<0.1

RESULTS OF SOIL ANALYSES

Parameter	Boring Number									
	B-70		B-71		B-72		B-73		W-20	
	1-2.5 ft	3.5-5 ft	1-2.5 ft	8.5-10 ft	1-2.5 ft	3.5-5 ft	1-2.5 ft	3.5-5 ft	5-6.5 ft	10-11.5 ft
Benzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
n-Butylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
tert-Butylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorobenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichloroethane	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ethylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isopropylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Naphthalene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
n-Propylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trimethylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3,5-Trimethylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total xylenes	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

RESULTS OF SOIL ANALYSES

Parameter	Boring Number					
	W-21		W-22		W-23	
	1-2.5 ft	3.5-5 ft	1-2.5 ft	8.5-10 ft	1-2.5 ft	3.5-5 ft
Benzene	0.1	<0.1	<0.1	0.2	<0.1	<0.1
n-Butylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
tert-Butylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorobenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichloroethane	<0.1	<0.1	<0.1	3.8	<0.1	<0.1
Ethylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isopropylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Naphthalene	<0.1	<0.1	<0.1	2.4	<0.1	<0.1
n-Propylbenzene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trimethylbenzene	0.1	<0.1	<0.1	0.3	<0.1	<0.1
1,3,5-Trimethylbenzene	0.1	<0.1	<0.1	0.1	<0.1	<0.1
Total xylenes	0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Area 3. Small area surrounding boring W-21. This area is bounded by clean soil analyses in borings B-65, B-70, B-72 and B-73, and is undefined to the southeast. As with the second area discussed, no possible source is known to Dames & Moore, however, benzene is again present, suggesting that the source may be located away from the apron.

3.4.2 Groundwater Contamination

The results of the groundwater analyses are tabulated in Table 6 and are presented graphically in Plan Sheet 5. The complete results are presented in Appendix D. As indicated by the groundwater samples collected at wells W-20, W-21 and W-22S, low concentrations of toluene are present along the southeastern edge of the pavement, in concentrations ranging from 1.3 to 16 $\mu\text{g}/\text{L}$. Because toluene was not detected in any of the soil samples, it is possible that these contaminants were transported to these wells from a distant source.

The State of Wisconsin has established Preventive Action Limits (PALs) for concentrations of many compounds in groundwater. If groundwater concentrations of a particular compound exceeds the PAL at a property boundary, the WDNR can enforce remedial actions. The State has also established Enforcement Standards (ESs). If groundwater concentrations of a particular compound exceeds the ES on any property, the WDNR will enforce remedial actions.

The PAL for benzene was exceeded in the groundwater sample collected from well W-9. The compounds ethylbenzene, naphthalene and 1,2,4-trimethylbenzene were also detected in that sample; however, the PALs of those compounds were not exceeded (Wisconsin has no PAL for trimethylbenzene). No ESs were exceeded in this sample.

**TABLE 6
RESULTS OF GROUNDWATER ANALYSES**

PARAMETER	W-7 ¹	W-9 ¹	W-15 ¹	W-17 ¹	W-20 ²	W-21 ²	W-21 ² (Duplicate)	W-22S ²	W-22D ²	W-23 ²
Benzene	<1.0	2.9	2800.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 28	<1.0
Ethylbenzene	<1.0	1.4	820.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	<1.0	2.1	170.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	<1.0	<1.0	160.0	<1.0	1.7	16.	15.	1.3	<1.0	<1.0
1,2,4- Trimethylbenzene	<1.0	1.5	390.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5- Trimethylbenzene	<1.0	<1.0	130.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total xylenes	<1.0	<1.0	1100.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

*See
Appendix*

All concentrations in $\mu\text{g/L}$.

¹ Sampled on May 20, 1992

² Sampled on April 20, 1992

The PALs for benzene, ethylbenzene, naphthalene (proposed) and total xylenes were exceeded in the groundwater sample collected from well W-15; the ESs for benzene, naphthalene (proposed) and total xylenes were also exceeded. Additionally, elevated concentrations of 1,2,4- and 1,3,5-trimethylbenzene were detected in this sample.

The sample collected from well W-17 was non-detect for all analyzed compounds. This well is located approximately 100 feet south of well W-15.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The investigation completed by Dames & Moore indicates three separate areas of soil contamination. Soil analyses, however, suggest that the releases that caused these contaminated soils may not all have been jet fuel, and that some intermingling of contamination may have occurred.

The Dames & Moore investigation revealed that the groundwater flow, as indicated by the previously existing monitor wells at the site, may not be representative of the entire WANG facility. Groundwater flow beneath a large portion of the apron may actually be toward the northwest. Consequently, the extent of possible groundwater contamination in that direction may still require definition.

Significant groundwater contamination is present at the southwestern end of the apron area. Although there are similarities in the constituents present in the samples collected from wells W-9 and W-15, Dames & Moore does not believe that there is a common source at the two locations. The extremely high concentrations at W-15, located only 100 feet from W-17 which had all non-detects, indicates that the contaminants present in the groundwater at W-15 are not being transported. Consequently, Dames & Moore believes that there is likely a source very close to W-15. The contaminants detected in the groundwater samples at W-9 are likely associated with the bulk fuel system, which was the site of a recent investigation (Hazwrap, November 1991).

Based upon our investigation, on a review of past investigations at building 414 and on discussions with the Army Corps of Engineers with regards to the investigation that is underway along the northwest length of the apron, we make the following recommendations for additional work at the site:

Building 414: We recommend that we advance one (1) soil boring approximately 30 feet to the southwest of building 414 (indicated on Plan Sheet 6). The Soils Engineering Services, Inc.

X head space investigation yielded moderate detects in a boring in that location. It is likely that this detect was due to the presence of volatile organic compounds (VOCs); however, it is our recommendation that we verify this assumption through laboratory analyses. A

Buried pipeline: Mr. Scott Zimmerman of Terra Engineering & Construction Corporation has indicated that the fuel pipeline which passes beneath building 412 was drained of all fuel; however, groundwater analyses from well W-15 and soil analyses from boring B-62 indicate that there may be substantial contamination remaining in the soils in the immediate vicinity of the pipeline. Consequently, we recommend a series of soil borings along the pipeline and one additional groundwater monitor well, as indicated on Plan Sheet 6. After the completion of the monitor well, we recommend that groundwater samples be collected from the new well (W-25), as well as wells W-15 and W-17.

How Long?

Building 404: As indicated in our report, we recommend a single soil boring located to the southeast of well W-21. The purpose of this boring is to verify that no wide-spread soil contamination exists at that location.

W-15
B-62
PIPELINE

APPENDIX A
BORING LOGS

Facility / Project Name TRUAX-WANG		License/Permit/Monitoring Number _____		Boring Number W-20	
Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING		Date Drilling Started 04 / 14 / 92 MM DD YY	Date Drilling Completed 4 / 14 / 92 MM DD YY	Drilling Method 4 1/4 ID HSA	
DNR Facility Well No. _____	WI Unique Well No. _____	Common Well Name W-20		Final Static Water Level _____ Feet MSL	Surface Elevation 857.0 Feet MSL
Boring Location State Plane 414,234 N 2,117,932 E/S/C/N		Local Grid Location (If Applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		Borehole Diameter 8 1/4 inches	

Boring Location
 State Plane **414,234** N **2,117,932** E/S/C/N Lat _____
 NW 1/4 of NE 1/4 of Section **29** T **8** N, R **10** E Long _____
 _____ Feet _____ Feet _____ Feet _____ Feet

County **DANE** DNR County Code **1 3** Civil Town/City/ or Village **MADISON**

Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RCOD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	8	8	0-8	SILT, firm, non-plastic, clayey, sandy, contains plant roots, black. (TOPSOIL).				20.3						
2	18	4	8-22	SILT, 8" of sandy silt, non-plastic, soft, yellow brown, slightly moist, mixed with clay, [FILL].	SP			18.9						
			22-26	SAND, fine well rounded grains, poorly graded, loose, light yellow brown, dry.	SP									
3	14	11	26-40	SAND, fine to medium well rounded sand grains, poorly graded, medium dense, yellow brown, dry.	SP			26.1						
4	16	10	40-56	SAND, fine to medium well rounded sand grains, poorly graded, medium dense, wet, trace silt.	SP			26.0						
5	16	6	56-72	SAND, fine to medium grained, as above, loose.				24.0						

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm **Dames and Moore, Madison, WI**

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats

SOIL BORING LOG INFORMATION

- Route To:
- Solid Waste
 - Wastewater
 - Emergency Response
 - Haz. Waste
 - Underground Tanks
 - Water Resources
 - Other _____

Facility / Project Name TRUAX-WANG	License/Permit/Monitoring Number _____	Boring Number W-21
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Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING	Date Drilling Started 04 / 14 / 92 <small>M.M DD YY</small>	Date Drilling Completed 04 / 14 / 92 <small>M.M DD YY</small>	Drilling Method 4 1/4 ID HSA
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DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level _____ Feet MSL	Surface Elevation 856.8 Feet MSL	Borehole Diameter 6 1/4 inches
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Boring Location			Local Grid Location (If Applicable)		
State Plane	413,929	N	2,177,557	<input checked="" type="checkbox"/> S/C/N	Lat _____
	NW 1/4 of	NE 1/4 of Section	29	T 8	N, R 10 E
					Long _____
					_____ Feet <input type="checkbox"/> N _____ Feet <input type="checkbox"/> E _____ Feet <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W

County DANE	DNR County Code 1 3	Civil Town/City/ or Village MADISON
-----------------------	-------------------------------	---

Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	16	11	0-11	CLAY, stiff, low plasticity, silty, moist, trace coarse sand, fine gravel, plant roots, black topsoil, [FILL].	CL	[Hatched]	[Hatched]	20.1						
2	16	6	11-17	CLAY, firm, low to medium plasticity, uniform, greenish gray, moist, 2" of fine sand in tip of split spoon.	CL	[Hatched]	[Hatched]	25.0						
3	16	9	17-26	SAND, fine well rounded sand grains, poorly graded, loose, yellow brown, moist, trace silt.	SP	[Dotted]	[Dotted]	24.5						
4	14	16	26-40	SAND, fine well rounded sand grains, poorly graded, medium dense, yellow brown, very moist to wet at tip, siltier at the bottom of the split spoon.	SP	[Dotted]	[Dotted]	27.6						
5	16	11	40-51	SAND, fine well rounded silty sand grains, poorly graded, medium dense, light grayish, wet.	SP-SM	[Dotted]	[Dotted]	27.0						

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____	Firm Dames and Moore, Madison, WI
-----------------	--

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Route To:
 Solid Waste
 Wastewater
 Emergency Response
 Haz. Waste
 Underground Tanks
 Water Resources
 Other _____

SOIL BORING LOG INFORMATION

Form 4400-122

Facility / Project Name TRUAX-WANG		License/Permit/Monitoring Number _____		Boring Number W-22D	
Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING		Date Drilling Started 04 / 13 / 92 M M DD YY		Date Drilling Completed 04 / 13 / 92 M M DD YY	
DNR Facility Well No. _____		WI Unique Well No. _____		Common Well Name _____	
Final Static Water Level _____ Feet MSL		Surface Elevation 857.6 Feet MSL		Borehole Diameter 8 1/4 inches	

Boring Location			Local Grid Location (If Applicable)		
State Plane	413,499	N 2,177,142	Lat _____	<input type="checkbox"/> N	<input type="checkbox"/> E
	NW 1/4 of NE 1/4 of Section 29 T 8 N, R 10 E	29 T 8 N, R 10 E	Long _____	<input type="checkbox"/> S	<input type="checkbox"/> W

County DANE	DNR County Code 1 3	Civil Town/City/ or Village MADISON
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Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	6	8		TOPSOIL, sandy silt and gravel.				15.0						
2	8	8		CLAY, stiff, low plasticity, yellowish brown, slightly moist, silt.	CL			19.0						
3	8	12	5	SAND, fine well rounded sand grains, poorly graded, medium dense, light brown, dry, trace silt.	SP			13.7						
4	10	19		SAND, fine well rounded sand grains, poorly graded, medium dense, light gray, wet.	SP			27.3						
5	18	13	10	SAND, as above fine to medium grained and wet.	SP			24.4						

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____	Firm Dames and Moore, Madison, WI
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- Route To:
- Solid Waste
 - Wastewater
 - Emergency Response
 - Haz. Waste
 - Underground Tanks
 - Water Resources
 - Other _____

Facility / Project Name TRUAX-WANG		License/Permit/Monitoring Number _____	Boring Number W-23
Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING		Date Drilling Started 04 / 15 / 92 M M D D Y Y	Date Drilling Completed 04 / 15 / 92 M M D D Y Y
DNR Facility Well No.	WI Unique Well No.	Common Well Name	Drilling Method 4 1/4 ID HSA
		Final Static Water Level _____ Feet MSL	Surface Elevation 856.7 Feet MSL
			Borehole Diameter 8 1/4 inches

Boring Location
State Plane **414,829** N **2,177,727** E S/C/N Lat _____
NW 1/4 of NE 1/4 of Section **29** T **8** N, R **10** E Long _____

Local Grid Location (If Applicable)
 N E
 S _____ Feet W _____ Feet

County **DANE** DNR County Code **1 3** Civil Town/City/ or Village **MADISON**

Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	12	16	0-12	SILT, sandy, little clay, slightly moist, stiff, non-plastic, black, (TOPSOIL)..	ML	[Hatched]	[Hatched]	23.2						
2	3	13	12-15	CLAY, silty, sandy, slightly moist, stiff, low plasticity, black, (TOPSOIL).	CL	[Hatched]	[Hatched]							
3	16	16	15-31	SAND, fine to medium grained, wet, medium dense, poorly graded, well rounded sand grains, light yellow brown.	SP	[Hatched]	[Hatched]	15.8						
4	16	18	31-47	SAND, fine grained, trace silt, wet, medium dense, poorly graded, well rounded sand grains, light yellow brown.	SP	[Hatched]	[Hatched]	16.3						
5	16	11	47-63	SAND, fine grained, wet-saturated, medium dense, poorly graded, yellow brown, silty sand seam at 10.5 feet.	SP	[Hatched]	[Hatched]	26.0						

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm **Dames and Moore, Madison, WI**

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SOIL BORING LOG INFORMATION

- Route To:
- Solid Waste
 - Wastewater
 - Emergency Response
 - Haz. Waste
 - Underground Tanks
 - Water Resources
 - Other _____

Facility / Project Name TRUAX-WANG	License/Permit/Monitoring Number _____	Boring Number B-55
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Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING	Date Drilling Started 04 / 16 / 92 <small>M.M DD YY</small>	Date Drilling Completed 04 / 16 / 92 <small>M.M DD YY</small>	Drilling Method 2 1/4 ID HSA
--	--	--	--

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level _____ Feet MSL	Surface Elevation 856.6 Feet MSL	Borehole Diameter 6 1/4 inches
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Boring Location State Plane 413,659 N 2,176,752 E S/C/N Lat _____ NW 1/4 of NE 1/4 of Section 29 T 8 N, R 10 E Long _____	Local Grid Location (If Applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
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County DANE	DNR County Code 1 3	Civil Town/City/ or Village MADISON
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Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	6	100	13"	SILT, some sand and gravel, moist, hard, non-plastic, yellow brown, (FILL).	ML									
2	16	4	4	CLAY, silty, moist, firm, low to medium plasticity, greenish gray mottled black, turning brown with depth.	CL									
3	18	5	5	CLAY, silty moist, firm, moderate plasticity, gray, mottled, sand in tip of split spoon.	CL									
4	8	7	7	SAND, fine grained, wet, loose, poorly graded, well rounded sand grains, grayish brown, silty.	SP-SM									
				EOB @ 8.5 feet, sampled to 10 feet. Backfilled with 50 lb. bags of granular bentonite.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____	Firm Dames and Moore, Madison, WI
-----------------	--

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Route To: Haz. Waste Solid Waste Wastewater Emergency Response Underground Tanks Water Resources Other

Facility / Project Name TRUAX-WANG		License/Permit/Monitoring Number _____		Boring Number B-56	
Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING		Date Drilling Started 04 / 16 / 92 M M D D Y Y		Date Drilling Completed 04 / 16 / 92 M M D D Y Y	
DNR Facility Well No. _____		WI Unique Well No. _____		Common Well Name _____	
Final Static Water Level _____ Feet MSL		Surface Elevation 857.0 Feet MSL		Borehole Diameter 6 1/4 inches	

Boring Location State Plane 413,844 N 2,176,887 <input checked="" type="checkbox"/> S/C/N Lat _____			Local Grid Location (If Applicable) <input type="checkbox"/> N <input type="checkbox"/> E		
NW 1/4 of NE 1/4 of Section 29 T 8 N, R 10 E Long _____			<input type="checkbox"/> S _____ Feet <input type="checkbox"/> W _____ Feet <input type="checkbox"/> W		

County DANE		DNR County Code 1 3		Civil Town/City/ or Village MADISON	
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Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	8	17	17	SAND, silty, little fine to coarse gravel, angular, slightly moist, medium dense, poorly graded, well rounded fine to medium sand grains, yellow brown.(FILL).	SM									
2	12	6	6-5	CLAY, silty, moist, firm, low to medium plasticity, greenish gray to black mottled, perched water on top of clay.	CL									
3	16	25	25	SAND, fine to medium grained very moist, medium dense, poorly graded, well rounded sand grains, yellow brown.	SP									
4	14	18	18-10	SAND, fine grained as above, wet-saturated, light grayish brown.	SP									
				EOB @ 8.5 feet, sampled to 10 feet. Backfilled with 50 lb. bags of granular bentonite 0-6" cement patch.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm **Dames and Moore, Madison, WI**

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats

- Route To:
- Solid Waste
 - Wastewater
 - Emergency Response
 - Haz. Waste
 - Underground Tanks
 - Water Resources
 - Other _____

Facility / Project Name TRUAX-WANG		License/Permit/Monitoring Number _____		Boring Number B-57	
Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING			Date Drilling Started 04 / 16 / 92 MM DD YY		Date Drilling Completed 04 / 16 / 92 MM DD YY
DNR Facility Well No. _____			WI Unique Well No. _____	Common Well Name _____	Final Static Water Level _____ Feet MSL
			Surface Elevation 857.2 Feet MSL		Borehole Diameter 6 1/4 inches

Boring Location

State Plane **414,044** N **2,177,112** **(E) S/C/N** Lat _____ Long _____

NW 1/4 of NE 1/4 of Section **29** T **8** N, R **10** E

Local Grid Location (If Applicable)
 N E
 S _____ Feet W _____ Feet

County **DANE** DNR County Code **1 3** Civil Town/City/ or Village **MADISON**

Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	4	100	12"	SAND, silty, little fine to coarse gravel, angular, wet, very dense, poorly graded, well rounded sand grains, yellow brown.	SM									
2	8	9	5	CLAY, silty, trace gravel, moist, stiff, low to moderate plasticity, greenish gray, mottled fuel odor.	CL									
3	12	4		SAND, silty clayey, very moist - wet, loose, poorly graded well rounded sand grains (SM-SC) - low plasticity fines, wood fragments strong odor.	SM-SC									
4	18	16	10	SAND, fine to medium grained, wet to saturated, medium dense, poorly graded, well rounded sand grains, grayish brown, strong odor.	SP									
				EOB @ 8.5 feet, sampled to 10 feet. Backfilled with 2 50 lb. bags of granular bentonite.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm **Dames and Moore, Madison, WI**

SOIL BORING LOG INFORMATION

Form 4400-122

7-91

- Route To:
- Solid Waste
 - Wastewater
 - Emergency Response
 - Haz. Waste
 - Underground Tanks
 - Water Resources
 - Other _____

Facility / Project Name TRUAX-WANG		License/Permit/Monitoring Number _____		Boring Number B-58	
Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING			Date Drilling Started 04 / 16 / 92 <small>M.M DD YY</small>	Date Drilling Completed 04 / 16 / 92 <small>M.M DD YY</small>	Drilling Method 2 1/4 ID HSA
DNR Facility Well No. _____	WI Unique Well No. _____	Common Well Name _____	Final Static Water Level _____ Feet MSL	Surface Elevation 857.2 Feet MSL	Borehole Diameter 6 1/4 inches
Boring Location State Plane 414,189 N 2,177,257 E NW 1/4 of NE 1/4 of Section 29 T 8 N, R 10 E			Local Grid Location (If Applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		

County DANE	DNR County Code 1 3	Civil Town/City/ or Village MADISON
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Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	18	100	15"	SAND, silty, little fine to coarse gravel, angular, wet, very dense, poorly graded, well rounded sand grains, yellow brown.	SM									
2	8	11	5	CLAY, silty, moist, low to medium plasticity, greenish gray, mottled - strong fuel odor, has product sheen.	CL									
3	12	18		SAND, fine grained, trace silt, wet to saturated, medium dense, poorly graded, well rounded sand grains, grayish brown, strong odor - product.	SP									
4	6	23		SAND, fine grained sand, strong odor, same as above.	SP									
				EOB @ 8.5 feet, sampled to 10 feet. Backfilled with 2 50 lb. bags of bentonite chips.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____	Firm Dames and Moore, Madison, WI
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Route To: Haz. Waste
 Solid Waste Underground Tanks
 Wastewater Water Resources
 Emergency Response Other

SOIL BORING LOG INFORMATION

Form 4400-122

Facility / Project Name TRUAX-WANG	License/Permit/Monitoring Number _____	Boring Number B-59
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Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING	Date Drilling Started 04 / 15 / 92 <small>M.M. DD YY</small>	Date Drilling Completed 04 / 15 / 92 <small>M.M. DD YY</small>	Drilling Method 2 1/4 ID HSA
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DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level _____ Feet MSL	Surface Elevation 857.2 Feet MSL	Borehole Diameter 6 1/4 inches
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Boring Location State Plane 414,324 N 2,177,397 E S/C/N Lat _____ NW 1/4 of NE 1/4 of Section 29 T 8 N, R 10 E Long _____	Local Grid Location (If Applicable) <input type="checkbox"/> N <input type="checkbox"/> E _____ Feet <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W
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County DANE	DNR County Code 1 3	Civil Town/City/ or Village MADISON
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Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	12	21	21	SAND, trace silt, little fine gravel, angular, dry medium dense, poorly graded, yellow brown, [FILL].	SP-SM			28.0						
2	14	6	6-5	CLAY, silty, moist to slightly moist, firm moderate plasticity, greenish gray, mottled gray and reddish brown, a strong odor, water perched on clay layer.	CL			724						
3	12	7	7	SAND, fine to medium grained, trace silt, wet to saturated, loose, poorly graded, well rounded sand grains, grayish brown.	SP-SM			1175						
4	12	12	12	SAND, fine to medium grained, wet to saturated, medium dense, poorly graded, well rounded sand grains, grayish brown.	SP			81						
				EOB @ 8.5 feet, sampled to 10 feet. Backfilled with 2 50 lb. bags of granular bentonite , 0-6" cement patch.										

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Signature _____	Firm Dames and Moore, Madison, WI
-----------------	--

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Route To: Haz. Waste
 Solid Waste Underground Tanks
 Wastewater Water Resources
 Emergency Response Other

SOIL BORING LOG INFORMATION

Form 4400-122

Facility / Project Name TRUAX-WANG	License/Permit/Monitoring Number _____	Boring Number B-60
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Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING	Date Drilling Started 04 / 15 / 92 <small>M M / D D / Y Y</small>	Date Drilling Completed 04 / 15 / 92 <small>M M / D D / Y Y</small>	Drilling Method 2 1/4 ID HSA
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DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level _____ Feet MSL	Surface Elevation 857.3 Feet MSL	Borehole Diameter 6 1/4 inches
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Boring Location State Plane 414,489 N 2,177,597 <input checked="" type="checkbox"/> S <input type="checkbox"/> C <input type="checkbox"/> N NW 1/4 of NE 1/4 of Section 29 T 8 N, R 10 E Lat _____ Long _____	Local Grid Location (If Applicable) <input type="checkbox"/> N <input type="checkbox"/> E _____ Feet <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W
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County DANE	DNR County Code 1. 3	Civil Town/City/ or Village MADISON
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Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	12	27	27	SAND, silty, little fine to coarse gravel, angular, dry, medium dense, poorly graded, well rounded, sand grains, yellow brown, [FILL].	SM	[Hatched Pattern]		41.0						
2	6	10	10	CLAY, silty, trace sand, stiff, moist, low to medium plasticity, greenish gray, mottled, reddish brown.	CL	[Hatched Pattern]		41.6						
3	8	11	11	SAND, fine to medium grained, wet, medium dense, poorly graded well rounded sand grains, grayish brown.	SP	[Hatched Pattern]		39.9						
4	8	14	14	SAND, fine grained, trace silt, wet to saturated, medium dense, poorly graded, well rounded sand grains, grayish brown.	SP-SM	[Hatched Pattern]		47.2						
				EOB @ 8.5 feet, sampled to 10 feet. Backfilled with 2 50 lb. bags of bentonite chips, 0-6" cement patch.										

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Signature _____	Firm Dames and Moore, Madison, WI
-----------------	--

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SOIL BORING LOG INFORMATION

Form 4400-122

7-91

- Route To:
- Solid Waste
 - Wastewater
 - Emergency Response
 - Haz. Waste
 - Underground Tanks
 - Water Resources
 - Other _____

Facility / Project Name TRUAX-WANG		License/Permit/Monitoring Number _____		Boring Number B-61
Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING		Date Drilling Started 04 / 15 / 92 <small>MM DD YY</small>	Date Drilling Completed 04 / 15 / 92 <small>MM DD YY</small>	Drilling Method 2 1/4 ID HSA
DNR Facility Well No. _____	WI Unique Well No. _____	Common Well Name _____	Final Static Water Level _____ Feet MSL	Surface Elevation 857.6 Feet MSL
			Borehole Diameter 6 1/4 inches	

Boring Location		Local Grid Location (If Applicable)	
State Plane 414,774	N 2,177,887	<input checked="" type="checkbox"/> S/C/N	Lat _____
NW 1/4 of NE 1/4 of Section 29 T 8 N, R 10 E	Long _____	<input type="checkbox"/> N _____ <input type="checkbox"/> E _____ <input type="checkbox"/> S _____ <input type="checkbox"/> W _____	

County DANE	DNR County Code 1 3	Civil Town/City/ or Village MADISON
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Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	12	66	0 - 12	SAND, silty, little fine to coarse gravel, angular, dry, very dense, poorly graded, well rounded grains, light yellow brown, [FILL].	SM			21.2						
2	12	9	12 - 21	CLAY, silty, slightly moist, stiff, low plasticity, black, first 6" same as above, siltier	CL			27.3						
3	16	25	21 - 37	SAND, 4" of fine sand, 12" of fine silty sand, wet, medium dense, poorly graded, well rounded sand grains, yellow brown siltier with depth.	SM			14.5						
4	16	16	37 - 53	SAND, fine grained, silty, wet to saturated, medium dense poorly graded, well rounded grains, light yellow brown.	SM			13.1						
				EOB @ 8.5 feet, sampled to 10 feet. Backfilled with 2 50 lb. bags of granular bentonite, 0-6" cement patch.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____	Firm Dames and Moore, Madison, WI
-----------------	--

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SOIL BORING LOG INFORMATION

Facility / Project Name TRUAX-WANG		License/Permit/Monitoring Number _____		Boring Number B-62
Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING		Date Drilling Started 04 / 16 / 92	Date Drilling Completed 04 / 16 / 92	Drilling Method 2 1/4 ID HSA
DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level _____ Feet MSL	Surface Elevation 856.3 Feet MSL
				Borehole Diameter 6 1/4 inches

Boring Location State Plane 413,569 N 2,176,847 E S/C/N		Local Grid Location (If Applicable) <input type="checkbox"/> N <input type="checkbox"/> E
NW 1/4 of NE 1/4 of Section 29 T 8 N, R 10 E		<input type="checkbox"/> S <input type="checkbox"/> W

County DANE	DNR County Code 1 3	Civil Town/City/ or Village MADISON
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Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	16	16	0-16	SAND, 8" of silty sand, little fine to coarse gravel grades sharply into medium SAND, dry, medium dense, poorly graded, well rounded grains, yellow brown, 1" of silty clay in tip of split spoon.	CL									
2	18	16	16-34	SAND, fine to medium grained, very moist, medium dense, poorly graded, well rounded sand grains, grayish brown, strong fuel odor.	SP									
3	8	16	34-42	SAND, fine to medium grained, wet, medium dense, poorly graded, well rounded sand grains, light grayish brown, strong fuel odor.	SP									
4	12	11	42-54	SAND, fine to medium grained, wet to saturated, as above, fuel odor not as strong.	SP									
				EOB @ 8.5 feet, sampled to 10 feet. Backfilled with 2 50 lb. bags of granular bentonite.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm Dames and Moore, Madison, WI
-----------	---

- Route To:
- Solid Waste
 - Wastewater
 - Emergency Response
 - Haz. Waste
 - Underground Tanks
 - Water Resources
 - Other _____

Facility / Project Name TRUAX-WANG		License/Permit/Monitoring Number _____		Boring Number B-63	
Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING			Date Drilling Started 04 / 16 / 92 MM DD YY	Date Drilling Completed 04 / 16 / 92 MM DD YY	Drilling Method 2 1/4 ID HSA
DNR Facility Well No. _____	WI Unique Well No. _____	Common Well Name _____	Final Static Water Level _____ Feet MSL	Surface Elevation 857.6 Feet MSL	Borehole Diameter 6 1/4 inches

Boring Location State Plane 413,719 N 2,177,007 <input checked="" type="checkbox"/> S/C/N Lat _____			Local Grid Location (If Applicable) <input type="checkbox"/> N <input type="checkbox"/> E		
NW 1/4 of NE 1/4 of Section 29 T 8 N, R 10 E Long _____			<input type="checkbox"/> S _____ Feet <input type="checkbox"/> W _____ Feet		

County DANE	DNR County Code 1 3	Civil Town/City/ or Village MADISON
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Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	2	100	13"	SAND, silty, little fine to coarse gravel, moist, very dense, poorly graded, well rounded sand grains, yellow brown, (FILL).	SP									
2	1	60	1"	SAND, as above, gravel as drilling.	SP									
3	6	5	5	CLAY, silty, moist, firm, low plasticity, greenish gray mottled black, fuel odor.	CL									
4	6	14	10	SAND, fine grained, wet to saturated, medium dense, poorly graded, well rounded sand grains, grayish brown.	SP									
				EOB @ 8.5 feet, sampled to 10 feet. Backfilled with 2 50 lb. bags of granular bentonite.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____	Firm Dames and Moore, Madison, WI
-----------------	--

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- Route To:
- Solid Waste
 - Wastewater
 - Emergency Response
 - Haz. Waste
 - Underground Tanks
 - Water Resources
 - Other _____

Facility / Project Name TRUAX-WANG		License/Permit/Monitoring Number _____		Boring Number B-64
Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING		Date Drilling Started 04 / 16 / 92 <small>M.M DD YY</small>	Date Drilling Completed 04 / 16 / 92 <small>M.M DD YY</small>	Drilling Method 2 1/4 ID HSA
DNR Facility Well No. _____	WI Unique Well No. _____	Common Well Name _____	Final Static Water Level _____ Feet MSL	Surface Elevation 858.3 Feet MSL
			Borehole Diameter 6 1/4 inches	

Boring Location		Local Grid Location (If Applicable)	
State Plane 413,864	N 2,177,167	<input checked="" type="checkbox"/> S/C/N	Lat _____
NW 1/4 of NE 1/4 of Section 29 T 8 N, R 10 E	Long _____	<input type="checkbox"/> N <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W	

County DANE	DNR County Code 1 3	Civil Town/City/ or Village MADISON
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Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	4	100	13"	SAND, silty, little fine to coarse gravel, dry, very dense, poorly graded well rounded fine sand, yellow brown. [FILL].	SM									
2	6	100	15"	SAND, as above.	SM									
3	14	4	4	CLAY, silty, moist, firm, moderate plasticity, greenish gray black mottling at top, changing to brown and yellow brown with depth.	CL									
4	14	5	5	SAND, fine to medium grained, trace coarse sand, wet to saturated, loose, poorly graded, well rounded sand grains.	SP									
				EOB @ 8.5 feet, sampled to 10 feet. Backfilled with 50 lb. bags of granular bentonite.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____	Firm Dames and Moore, Madison, WI
-----------------	--

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- Route To:
- Solid Waste
 - Wastewater
 - Emergency Response
 - Haz. Waste
 - Underground Tanks
 - Water Resources
 - Other _____

Facility / Project Name TRUAX-WANG		License/Permit/Monitoring Number _____	Boring Number B-65
Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING		Date Drilling Started 04 / 15 / 92 M M / D D / Y Y	Date Drilling Completed 04 / 15 / 92 M M / D D / Y Y
DNR Facility Well No. _____	WI Unique Well No. _____	Common Well Name _____	Drilling Method 2 1/4 ID HSA
Final Static Water Level _____ Feet MSL		Surface Elevation 858.3 Feet MSL	Borehole Diameter 6 1/4 inches

Boring Location
State Plane **414,129** N **2,177,457** E S/C/N Lat _____ Long _____
NW 1/4 of NE 1/4 of Section **29** T **8** N, R **10** E
Local Grid Location (If Applicable)
 N E
 S W

County **DANE** DNR County Code **1 3** Civil Town/City/ or Village **MADISON**

Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	10	100	12"	SAND, silty, fine grained, little fine to coarse gravel, angular, dry, very dense, poorly graded, well rounded sand grains, [FILL].	SM			16.7						
2	10	19	5	SILT, sandy, very stiff, dry, non-plastic, little sand and gravel, brown, [FILL].	ML			66.1						
3	1	12		SAND, fine to medium grained, saturated, medium dense, poorly graded, well rounded grains.	SP			27.2						
4	16	16	10	SAND, fine grained wet to saturated, medium dense, poorly graded, well rounded grains, light grayish brown.	SP			20.1						
				EOB @ 8.5 feet, sampled to 10 feet. Backfilled with 2 50 lb. bags of granular bentonite, 0-6" cement patch.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm **Dames and Moore, Madison, WI**

SOIL BORING LOG INFORMATION

Facility / Project Name TRUAX-WANG		License/Permit/Monitoring Number _____		Boring Number B-66
Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING		Date Drilling Started 04 / 15 / 92 MM DD YY	Date Drilling Completed 04 / 15 / 92 MM DD YY	Drilling Method 2 1/4 ID HSA
DNR Facility Well No. _____	WI Unique Well No. _____	Common Well Name _____		Final Static Water Level _____ Feet MSL
		Surface Elevation 858.3 Feet MSL		Borehole Diameter 6 1/4 inches

Boring Location State Plane 414,539 N. 2,177,787 E S/C/N' Lat _____		Local Grid Location (If Applicable) <input type="checkbox"/> N <input type="checkbox"/> E	
NW 1/4 of NE 1/4 of Section 29 T 8 N, R 10 E Long _____		<input type="checkbox"/> S _____ Feet <input type="checkbox"/> W _____ Feet	

County DANE	DNR County Code 1 3	Civil Town/City/ or Village MADISON
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Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	14	48		SAND, fine grained, trace silt, trace fine to coarse gravel, angular, dry, very dense, poorly graded, yellow brown, [FILL].	SP-SM			21.5						
2	10	100	10"	FILL, as above.				22.2						
3	18	19		SAND, top 8" CLAY, stiff low plasticity, greenish gray, slightly moist, silty, trace sand. Bottom 10" SAND, fine well rounded sand grains, poorly graded, medium dense, grayish brown, very moist (wet at tip).	SP			18.8						
4	16	35		SAND, fine grained, trace coarse sand, wet to saturated, dense, poorly graded, well rounded sand grains, grayish brown.	SP			17.8						
				EOB @ 8.5 feet, sampled to 10 feet. Backfilled with 2 50 lb. bags of granular bentonite, 0-6" cement patch.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____	Firm Dames and Moore, Madison, WI
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Route To: Haz. Waste Underground Tanks Water Resources Other _____
 Solid Waste Wastewater Emergency Response

Facility / Project Name: TRUAX-WANG License/Permit/Monitoring Number: _____ Boring Number: B-67

Boring Drilled By (Firm name and name of crew chief): ENVIRONMENTAL AND FOUNDATION DRILLING Date Drilling Started: 04 / 14 / 92 Date Drilling Completed: 04 / 14 / 92 Drilling Method: 2 1/4 ID HSA

DNR Facility Well No.: _____ WI Unique Well No.: _____ Common Well Name: _____ Final Static Water Level: _____ Feet MSL Surface Elevation: 857.6 Feet MSL Borehole Diameter: 6 1/4 inches

Boring Location: State Plane 413,789 N 2,177,237 (E)S/C/N Lat _____ Long _____ Local Grid Location (If Applicable): N E S W

County: DANE DNR County Code: 1 3 Civil Town/City/ or Village: MADISON

Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	10	40	40	SAND, silty, some fine to coarse gravel, angular, dense, dry, poorly graded, well rounded sand grains, yellow brown.	SM			18.0						
2	14	24	24	SILT, some sand, little coarse sand to fine gravel, dry, non plastic, very stiff, brown.	ML			478						
3	12	14	14	SAND, fine grained, trace silt, dry, medium dense, poorly graded, well rounded sand grains, brown.	SP-SM			25.7						
4	16	10	10	SAND, fine grained, wet, loose, poorly graded, well rounded sand, gray.	SP			21.0						
				EOB @ 8.5 feet, sampled to 10 feet. Backfilled with 2 50 lb. bags of granular bentonite, 0-6" cement patch.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: _____ Firm: Dames and Moore, Madison, WI

- Route To:
- Solid Waste
 - Wastewater
 - Emergency Response
 - Haz. Waste
 - Underground Tanks
 - Water Resources
 - Other _____

Facility / Project Name TRUAX-WANG		License/Permit/Monitoring Number _____		Boring Number B-68	
Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING			Date Drilling Started <u>04</u> / <u>13</u> / <u>92</u> M.M. DD YY	Date Drilling Completed <u>04</u> / <u>13</u> / <u>92</u> M.M. DD YY	Drilling Method 2 1/4 ID HSA
DNR Facility Well No. _____	WI Unique Well No. _____	Common Well Name _____	Final Static Water Level _____ Feet MSL	Surface Elevation 856.1 Feet MSL	Borehole Diameter 6 1/4 inches

Boring Location			Local Grid Location (If Applicable)		
State Plane NW 1/4 of NE 1/4 of Section 29 T 8 N, R 10 E	413,364 N	2,176,907 E	S/C/N <input checked="" type="checkbox"/> S <input type="checkbox"/> C <input type="checkbox"/> N	Lat _____	<input type="checkbox"/> N <input type="checkbox"/> E
_____	_____	_____	Long _____	_____ Feet	<input type="checkbox"/> S _____ Feet <input type="checkbox"/> W

County DANE	DNR County Code 1 3	Civil Town/City/ or Village MADISON
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Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	16	8	0-8	SAND, fine to medium grained, trace fine gravel, angular, trace silt, moist, loose, poorly graded, light yellow brown, (FILL).	SM			0.0						
2	18	10	8-18	CLAY, silty, moist, firm, low plasticity, light gray, little sand disturbed physically, (FILL 10"), 8" of SAND, fine grained, loose, moist, poorly graded, trace silt.	SP			12.8						
3	16	11	18-34	SAND, fine to medium grained, trace silt, very moist to wet, poorly graded, well rounded grains, grayish brown.	SP			110						
4	16	6	34-40	SAND, fine grained, trace silt, loose, wet, poorly graded, well rounded grains, grayish brown, fuel odor.	SP			81.7						
				EOB @ 8.5 feet, sampled to 10 feet. Backfilled with 2 50 lb. bags of granular bentonite, 0-6" cement patch.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____	Firm Dames and Moore, Madison, WI
-----------------	---

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats

- Route To:
- Solid Waste
 - Wastewater
 - Emergency Response
 - Haz. Waste
 - Underground Tanks
 - Water Resources
 - Other _____

Facility / Project Name TRUAX-WANG	License/Permit/Monitoring Number _____	Boring Number B-69
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Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING	Date Drilling Started 04 / 13 / 92 MM DD YY	Date Drilling Completed 04 / 13 / 92 MM DD YY	Drilling Method 2 1/4 ID HSA
--	--	--	--

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level _____ Feet MSL	Surface Elevation 857.1 Feet MSL	Borehole Diameter 6 1/4 inches
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Boring Location State Plane 413,624 N 2,177,107 <input checked="" type="checkbox"/> S/C/N Lat _____ NW 1/4 of NE 1/4 of Section 29 T 8 N, R 10 E Long _____	Local Grid Location (If Applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
--	---

County DANE	DNR County Code 1 3	Civil Town/City/ or Village MADISON
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Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	14	32	5	SAND, fine to medium grained, little silt, little gravel, angular, dry, dense, poorly graded, well rounded sand grains, yellowish brown. [FILL]	SP-SM			5.8						
2	16	7	5	CLAY, first 12" as above, 4" of clay, silty, slightly moist, firm, mixed with sand, trace gravel, mottled greenish gray.	CL			32.3						
3	3	11		SAND, fine to medium grained, little gravel, fine to coarse, angular, medium dense, very moist, poorly graded, well rounded sand, light yellow brown.	SP			23.1						
4	16	12	10	SAND, fine to medium grained, trace fine gravel, wet, medium dense, poorly graded, grayish brown.	SP			13.2						
				EOB @ 8.5 feet, sampled to 10 feet. Backfilled with 2 50 lb. bags of granular bentonite.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____	Firm Dames and Moore, Madison, WI
-----------------	--

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats

SOIL BORING LOG INFORMATION

- Route To:
- Solid Waste
 - Wastewater
 - Emergency Response
 - Haz. Waste
 - Underground Tanks
 - Water Resources
 - Other

Facility / Project Name TRUAX-WANG		License/Permit/Monitoring Number _____		Boring Number B-70	
Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING		Date Drilling Started 04 / 14 / 92 <small>M.M. DD YY</small>	Date Drilling Completed 04 / 14 / 92 <small>M.M. DD YY</small>	Drilling Method 2 1/4 ID HSA	
DNR Facility Well No. _____	WI Unique Well No. _____	Common Well Name _____	Final Static Water Level _____ Feet MSL	Surface Elevation 856.9 Feet MSL	Borehole Diameter 6 1/4 inches
Boring Location State Plane 414,154 N 2,177,707 E S/C/N Lat _____			Local Grid Location (If Applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W		
County DANE		DNR County Code 1 3	Civil Town/City/ or Village MADISON		
NW 1/4 of NE 1/4 of Section 29 T 8 N, R 10 E		Long _____			

Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RC/D/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	12	49	49	SAND, silty, little fine to coarse gravel, dry, very dense, poorly graded, well rounded sand, yellow brown.	SM			40.4						
2	14	14	14	CLAY, first 6" same as above, 8" of CLAY, silty, trace sand and gravel, slightly moist, stiff, low to medium plasticity, greenish gray.	CL			80.5						
3	16	15	15	SAND, fine to medium grained, very moist, medium dense, poorly graded, well rounded grains, grayish brown.	SP			35.3						
4	16	11	11	SAND, as above.	SP			34.3						
				ECB @ 8.5 feet, sampled to 10 feet. Backfilled with 2 50 lb. bags of granular bentonite.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm **Dames and Moore, Madison, WI**

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SOIL BORING LOG INFORMATION

Form 4400-122

7-91

- Route To:
- Solid Waste
 - Wastewater
 - Emergency Response
 - Haz. Waste
 - Underground Tanks
 - Water Resources
 - Other _____

Page 1 of 1

Facility / Project Name TRUAX-WANG		License/Permit/Monitoring Number _____	Boring Number B-71
Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING		Date Drilling Started 04 / 15 / 92 <small>M.M. DD YY</small>	Date Drilling Completed 04 / 15 / 92 <small>M.M. DD YY</small>
DNR Facility Well No. _____		WI Unique Well No. _____	Common Well Name _____
Final Static Water Level _____ Feet MSL		Surface Elevation 858.2 Feet MSL	Borehole Diameter 6 1/4 inches

Boring Location
State Plane **414,469** N **2,178,002** E S/C/N Lat _____
 NW 1/4 of NE 1/4 of Section **29** T **8** N, R **10** E Long _____
 Local Grid Location (If Applicable)
 _____ Feet N _____ Feet E
 _____ Feet S _____ Feet W

County DANE	DNR County Code 1 3	Civil Town/City/ or Village MADISON
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Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	10	56	5	SAND, silty, little fine gravel, angular, dry, very dense, poorly graded, well rounded sand grains, yellow brown, [FILL].	SM			19.0						
2	12	53	5	SAND, as above, fine grained, silty, more fine sand and less silt, gravel is clasts of sandstone.	SM			15.3						
3	14	20	5	SAND, fine to medium grained, very moist, wet at tip, medium dense, poorly graded, well rounded sand grains, trace fine gravel, yellow brown.	SP			15.7						
4	16	13	10	SAND, fine to medium grained, wet to saturated, medium dense, poorly graded, well rounded sand grains, light grayish brown.	SP			27.2						
				EOB @ 8.5 feet, sampled to 10 feet. Backfilled with 2 50 lb. bags of granular bentonite, cement patch 0-6".										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____	Firm Dames and Moore, Madison, WI
-----------------	--

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats

Route To:
 Solid Waste
 Wastewater
 Emergency Response
 Haz. Waste
 Underground Tanks
 Water Resources
 Other _____

Facility / Project Name TRUAX-WANG		License/Permit/Monitoring Number _____		Boring Number B-72	
Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING		Date Drilling Started 04 / 14 / 92 M.M D.D YY	Date Drilling Completed 04 / 14 / 92 M.M D.D YY	Drilling Method 2 1/4 ID HSA	
DNR Facility Well No.	WI Unique Well No.	Common Well Name		Final Static Water Level _____ Feet MSL	Surface Elevation 856.8 Feet MSL
Boring Location State Plane 413,714 N 2,177,387 <input checked="" type="checkbox"/> S/C/N Lat _____		Local Grid Location (If Applicable) <input type="checkbox"/> N <input type="checkbox"/> E		<input type="checkbox"/> S _____ Feet <input type="checkbox"/> W _____ Feet	
NW 1/4 of NE 1/4 of Section 29 T 8 N, R 10 E Long _____		County DANE		DNR County Code 1 3	Civil Town/City/ or Village MADISON

Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	14	26	26	SILT, sandy, little coarse gravel, angular, dry, very stiff, non-plastic, yellow brown, (FILL).	ML			28.4						
2	14	13	13	CLAY, silty, slightly moist, stiff, moderate plasticity, greenish gray, mottled red brown, 1/2" of fine sand in tip of split spoon.	CL			26.2						
3	14	13	13	SAND, fine grained, trace silt, very moist (wet at tip of split spoon), poorly graded, well rounded sand grains, yellow brown.	SP-SM			20.6						
4	14	13	13	SAND, as above, wet, grayish brown, fuel odor.	SP			25.9						
				EOB @ 8.5 feet, sampled to 10 feet. Backfilled with 2 50 lb. bags of granular bentonite, cement patch 0-6".										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm **Dames and Moore, Madison, WI**

- Route To:
- Solid Waste
 - Wastewater
 - Emergency Response
 - Haz. Waste
 - Underground Tanks
 - Water Resources
 - Other _____

Facility / Project Name TRUAX-WANG	License/Permit/Monitoring Number _____	Boring Number B-73
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Boring Drilled By (Firm name and name of crew chief) ENVIRONMENTAL AND FOUNDATION DRILLING	Date Drilling Started 04 / 14 / 92 MM / DD / YY	Date Drilling Completed 04 / 14 / 92 MM / DD / YY	Drilling Method 2 1/4 ID HSA
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DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level _____ Feet MSL	Surface Elevation 857.9 Feet MSL	Borehole Diameter 6 1/4 inches
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Boring Location State Plane 414,009 N 2,177,712 <input checked="" type="checkbox"/> S/C/N Lat _____ NW 1/4 of NE 1/4 of Section 29 T 8 N, R 10 E Long _____	Local Grid Location (If Applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
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County DANE	DNR County Code 1 3	Civil Town/City/ or Village MADISON
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Sample Number	Length Recovered (in)	Blow Counts (N)	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
1	16	22		SAND, silty, little fine to coarse gravel, angular, dry, medium dense, poorly graded, yellow brown. (FILL).	SM			26.3						
2	18	19	5	SAND, as above for the first 12", 6" of fine SAND, dry, medium dense, poorly graded, well rounded sand grains.	SP			24.5						
3	16	9		SAND, fine grained, trace silt, very moist (wet at tip of split spoon), poorly graded, well rounded sand grains, yellow brown.	SP			11.5						
4	16	9	10	SAND, fine to medium grained, little coarse sand, wet to saturated, poorly graded, well rounded grains, yellow brown.	SP			16.5						
				EOB @ 8.5 feet, sampled to 10 feet. Backfilled with 2 50 lb. bags of granular bentonite.										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____	Firm Dames and Moore, Madison, WI
-----------------	--

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats

APPENDIX B
WDNR WELL CONSTRUCTION DIAGRAMS

Route to: Solid Waste Haz. Waste Wastewater
Env. Response & Repair Underground Tanks Other

Facility/Project Name <u>TRUAX AIRPORT</u> <u>WISCONSIN AIR NATIONAL GUARD</u>	County Name <u>DAVE</u>	Well Name <u>W-23</u>
Facility License, Permit or Monitoring Number	County Code <u>13</u>	Wis. Unique Well Number
		DNR Well Number

1. Can this well be purged dry? Yes No
2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other
3. Time spent developing well 70 min.
4. Depth of well (from top of well casing) 16.8 ft
5. Inside diameter of well 2.05 in.
6. Volume of water in filter pack and well casing 7.7 gal.
7. Volume of water removed from well 80.0 gal.
8. Volume of water added (if any) / gal.
9. Source of water added NA
10. Analysis performed on water added? Yes No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>6.60</u> ft	<u>7.10</u> ft
Date	b. <u>04/17/92</u> m m d d y y	<u>04/17/92</u> m m d d y y
Time	c. <u>11:10</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>12:20</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	<u>2.0</u> inches	<u>0.0</u> inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Brown, no odor, very turbid</u>	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) <u>Clear, no odor, very slight turbidity</u>
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	<u>/</u> mg/l	<u>/</u> mg/l
15. COD	<u>/</u> mg/l	<u>/</u> mg/l

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Mark S. McCulloch

Firm: Dawes & Moore, Madison, WI

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: Mark S. McCulloch

Print Initials: MSM

Firm: Dawes & Moore, Madison, WI

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

Facility/Project Name TRUX AIRPORT
WISCONSIN AIR NATIONAL GUARD

Local Grid Location of Well
 _____ ft. N _____ ft. E
 _____ ft. S _____ ft. W

Well Name W-23

Facility License, Permit or Monitoring Number _____

Grid Origin Location
 Lat. _____ Long. _____ or _____

Wis. Unique Well Number _____ DNR Well Number _____

Type of Well Water Table Observation Well 11
 Piezometer 12

St. Plane _____ ft. N, _____ ft. E.

Date Well Installed 04/15/92
 m m d d y y

Distance Well Is From Waste/Source Boundary _____ ft.

Section Location of Waste/Source
 _____ 1/4 of _____ 1/4 of Sec. _____ T. _____ N. R. _____ E W.

Well Installed By: (Person's Name and Firm)
Mark S. McGiloch

Is Well A Point of Enforcement Sid. Application?
 Yes No

Location of Well Relative to Waste/Source
 Upgradient Sidegradient
 Downgradient Not Known

Damos & Moore, Madison, WI

A. Protective pipe, top elevation _____ ft. MSL Yes No

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bonom _____ ft. MSL or 1.0 ft.

1. Cap and lock? Yes No

2. Protective cover pipe:
 a. Inside diameter: _____ 4.0 in.
 b. Length: _____ 5.0 ft.
 c. Material: Steel 04
 Other
 d. Additional protection? Yes No
 If yes, describe: _____

3. Surface seal: Bentonite 30
 Concrete 01
 Other

4. Material between well casing and protective pipe:
 Bentonite 30
 Annular space seal
 Other

5. Annular space seal:
 a. Granular Bentonite 33
 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry 35
 c. _____ Lbs/gal mud weight ... Bentonite slurry 31
 d. _____ % Bentonite ... Bentonite-cement grout 50
 e. _____ Ft³ volume added for any of the above
 f. How installed: Tremie 01
 Tremie pumped 02
 Gravity 08

6. Bentonite seal:
 a. Bentonite granules 33
 b. 1/4 in. 3/8 in. 1/2 in. Bentonite pellets 32
 c. _____ Other

7. Fine sand material: Manufacturer, product name & mesh size
 a. #40-#60 Granusil Fine Silica Sand
 b. Volume added _____ ft³

8. Filter pack material: Manufacturer, product name and mesh size
 a. #45-#55 Red Flint Sand
 b. Volume added _____ ft³

9. Well casing: Flush threaded PVC schedule 40 23
 Flush threaded PVC schedule 80 24
 Other

10. Screen material: SCH 40 PVC
 a. Screen type: Factory cut 11
 Continuous slot 01
 Other
 b. Manufacturer Northern Air
 c. Slot size: _____ 0.010 in.
 d. Slotted length: _____ 10.0 ft.

11. Backfill material (below filter pack): None 14
 Other

12. USCS classification of soil near screen:
 GP GM GC GW SW SP
 SM SC ML MH CL CH
 Bedrock

13. Sieve analysis attached? Yes No

14. Drilling method used: Rotary 50
 Hollow Stem Auger 41
 Other

15. Drilling fluid used: Water 02 Air 01
 Drilling Mud 03 None 99

16. Drilling additives used? Yes No
 Describe _____

17. Source of water (attach analysis): _____

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 3.5 ft.

G. Filter pack, top _____ ft. MSL or 4.0 ft.

H. Screen joint, top _____ ft. MSL or 5.0 ft.

I. Well bonom _____ ft. MSL or 15.0 ft.

J. Filter pack, bonom _____ ft. MSL or 15.5 ft.

K. Borehole, bonom _____ ft. MSL or 15.5 ft.

L. Borehole, diameter 8.5 in.

M. O.D. well casing 23.8 in.

N. I.D. well casing 20.5 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Mark S. McGiloch Firm Damos & Moore, Madison, WI

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

Route to: Solid Waste Haz. Waste Wastewater
Env. Response & Repair Underground Tanks Other

Facility/Project Name <u>TRUAX AIRPORT</u> <u>WISCONSIN AIR NATIONAL GUARD</u>	County Name <u>DANE</u>	Well Name <u>W-22D</u>
Facility License, Permit or Monitoring Number _____	County Code <u>13</u>	Wis. Unique Well Number _____
		DNR Well Number _____

1. Can this well be purged dry? Yes No
2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other _____
3. Time spent developing well 20 min.
4. Depth of well (from top of well casing) 42.0 ft
5. Inside diameter of well 2.05 in
6. Volume of water in filter pack and well casing 12.5 gal.
7. Volume of water removed from well 130.0 gal.
8. Volume of water added (if any) _____ gal.
9. Source of water added NA
10. Analysis performed on water added? Yes No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>9.80</u> ft	<u>9.90</u> ft
Date	b. <u>04/17/92</u> m m d d y y	<u>04/17/92</u> m m d d y y
Time	c. <u>9:25</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>9:45</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	<u>3.0</u> inches	<u>0.0</u> inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Reddish brown, no odor, very turbid.</u>	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) <u>Clear, no odor</u>
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Mark S. McCulloch

Firm: Dames & Moore, Madison, WI

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: Mark S. McCulloch

Print Initials: MSM

Firm: Dames & Moore, Madison, WI

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

Department of Natural Resources Env. Response & Repair Underground Tanks Other

Facility/Project Name TRUX AIRPORT Local Gnd Location of Well _____ ft. N _____ ft. E
WISCONSIN AIR NATIONAL GUARD _____ ft. S _____ ft. W Well Name W-22D

Facility License, Permit or Monitoring Number _____ Gnd Origin Location _____
 Lat _____ Long. _____ or _____
 Type of Well Water Table Observation Well 11
 Piezometer 12 St. Plane _____ ft. N. _____ ft. E. Date Well Installed 04/13/92
 Distance Well Is From Waste/Source Boundary _____ ft. Section Location of Waste/Source _____
 Is Well A Point of Enforcement Std. Application? Yes No Location of Well Relative to Waste/Source
 u Upgradient s Sidegradient
 d Downgradient n Not Known Well Installed By: (Person's Name and Firm)
Mark S. McCulloch
Dames & Moore, Madison, WI

A. Protective pipe, top elevation _____ ft. MSL Yes No
 B. Well casing, top elevation _____ ft. MSL
 C. Land surface elevation _____ ft. MSL
 D. Surface seal, bottom _____ ft. MSL or 3.0 ft.

12. USCS classification of soil near screen:
 GP GM GC GW SW SP
 SM SC ML MH CL CH
 Bedrock

13. Sieve analysis attached? Yes No

14. Drilling method used: Rotary 50
 Hollow Stem Auger 41
 Other

15. Drilling fluid used: Water 02 Air 01
 Drilling Mud 03 None 99

16. Drilling additives used? Yes No
 Describe _____

17. Source of water (attach analysis): _____

1. Cap and lock? Yes No
 2. Protective cover pipe:
 a. Inside diameter: 4.0 in.
 b. Length: 5.0 ft.
 c. Material: Steel 04
 Other
 d. Additional protection? Yes No
 If yes, describe: _____

3. Surface seal: Bentonite 30
 Concrete 01
Soil Seal 0-12" Other

4. Material between well casing and protective pipe:
 Bentonite 30
 Annular space seal
 Other

5. Annular space seal:
 a. Grzular Bentonite 33
 b. _____ Lbs/gal mud weight... Bentonite-sand slurry 35
 c. _____ Lbs/gal mud weight... Bentonite slurry 31
 d. _____ % Bentonite... Bentonite-cement grout 50
 e. _____ Ft³ volume added for any of the above
 f. How installed: Tremie 01
 Tremie pumped 02
 Gravity 08

6. Bentonite seal:
 a. Bentonite granules 33
 b. 1/4 in. 3/8 in. 1/2 in. Bentonite pellets 32
 c. Bentonite Slurry Other

7. Fine sand material: Manufacturer, product name & mesh size
 a. #40-60 Granosil Fine Silica Sand
 b. Volume added _____ ft³

8. Filter pack material: Manufacturer, product name and mesh size
 a. #45-55 Red Flint Sand
 b. Volume added _____ ft³

9. Well casing: Flush threaded PVC schedule 40 23
 Flush threaded PVC schedule 80 24
 Other

10. Screen material: SCH 40 PVC
 a. Screen type: Factory cut 11
 Continuous slot 01
 Other

b. Manufacturer Northern Air
 c. Slot size: 0.010 in.
 d. Slotted length: 5.0 ft.

11. Backfill material (below filter pack): None 14
 Other

E. Bentonite seal, top _____ ft. MSL or 3.0 ft.
 F. Fine sand, top _____ ft. MSL or 30.0 ft.
 G. Filter pack, top _____ ft. MSL or 31.5 ft.
 H. Screen joint, top _____ ft. MSL or 35.0 ft.
 I. Well bottom _____ ft. MSL or 40.0 ft.
 J. Filter pack, bottom _____ ft. MSL or 41.0 ft.
 K. Borehole, bottom _____ ft. MSL or 41.0 ft.
 L. Borehole, diameter 3.5 in.
 M. O.D. well casing 2.38 in.
 N. I.D. well casing 2.05 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.
 Signature Mark S. McCulloch Firm Dames & Moore, Madison, WI

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

Route to: Solid Waste Haz. Waste Wastewater
Env. Response & Repair Underground Tanks Other

Facility/Project Name <u>TRUX AIRPORT</u> <u>WISCONSIN AIR NATIONAL GUARD</u>	County Name <u>DANE</u>	Well Name <u>W-22S</u>
Facility License, Permit or Monitoring Number _____	County Code <u>13</u>	Wis. Unique Well Number _____
		DNR Well Number _____

1. Can this well be purged dry? Yes No
2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other _____ _____
3. Time spent developing well 20 min.
4. Depth of well (from top of well casing) 17.3 ft
5. Inside diameter of well 2.05 in.
6. Volume of water in filter pack and well casing 6.6 gal.
7. Volume of water removed from well 70.0 gal.
8. Volume of water added (if any) _____ gal.
9. Source of water added NA
10. Analysis performed on water added? Yes No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	<u>8.70</u> ft	<u>9.70</u> ft
Date	<u>04/17/92</u> m m d d y y	<u>04/17/92</u> m m d d y y
Time	<u>9:40</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>10:00</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	<u>0.0</u> inches	<u>0.0</u> inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Brown, no odor, very turbid</u>	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) <u>Clear, no odor, very slight turbidity</u>
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	<u>_____</u> mg/l	<u>_____</u> mg/l
15. COD	<u>_____</u> mg/l	<u>_____</u> mg/l

16. Additional comments on development

Well developed by: Person's Name and Firm

Name: Mark S. McCallach

Firm: Dames & Moore, Madison, WI

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: Mark S. McCallach

Print Initials: MSM

Firm: Dames & Moore, Madison, WI

Department of Natural Resources Env. Response & Repair Underground Tanks Other

Facility/Project Name TRAX AIRPORT Local Grid Location of Well _____ ft. N. _____ ft. E. _____ ft. S. _____ ft. W.

Facility License, Permit or Monitoring Number _____ Well Name W-225

Type of Well Water Table Observation Well 11
Piezometer 12

Distance Well Is From Waste/Source Boundary _____ ft.

Is Well A Point of Enforcement Sid. Application? Yes No

Grid Origin Location _____ or _____
St. Plane _____ ft. N. _____ ft. E.

Section Location of Waste/Source _____ 1/4 of _____ 1/4 of Sec. _____ T. _____ N. R. _____ E. W.

Location of Well Relative to Waste/Source
u Upgradient s Sidegradient
d Downgradient n Not Known

Wis. Unique Well Number / DNR Well Number _____
Date Well Installed 04/13/92
Well Installed By: (Person's Name and Firm) Mark S. McCulloch
Dames & Moore, Madison, WI

A. Protective pipe, top elevation _____ ft. MSL Yes No

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1.0 ft.

1. Cap and lock? Yes No

2. Protective cover pipe:
a. Inside diameter: 4.0 in.
b. Length: 5.0 ft.
c. Material: Steel 04
Other _____
d. Additional protection? Yes No
If yes, describe: _____

3. Surface seal: Bentonite 30
Concrete 01
Other Soil

4. Material between well casing and protective pipe:
Bentonite 30
Annular space seal _____
Other _____

5. Annular space seal:
a. Granular Bentonite 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry 35
c. _____ Lbs/gal mud weight Bentonite slurry 31
d. _____ % Bentonite Bentonite-cement grout 50
e. _____ Ft³ volume added for any of the above
f. How installed: Tremie 01
Tremie pumped 02
Gravity 08

6. Bentonite seal:
a. Bentonite granules 33
b. 1/4 in. 3/8 in. 1/2 in. Bentonite pellets 32
c. _____ Other _____

7. Fine sand material: Manufacturer, product name & mesh size
a. #40-#60 Grunasil Fine Silica Sand
b. Volume added _____ ft³

8. Filter pack material: Manufacturer, product name and mesh size
a. #45-#55 Red Flint Sand
b. Volume added _____ ft³

9. Well casing: Flush threaded PVC schedule 40 23
Flush threaded PVC schedule 80 24
Other _____

10. Screen material: SCH 40 PVC
a. Screen type: Factory cut 11
Continuous slot 01
Other _____
b. Manufacturer Northern Air
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): None 14
Other _____

12. USCS classification of soil near screen:
GP GM GC GW SW SP
SM SC ML MH CL CH
Bedrock

13. Sieve analysis attached? Yes No

14. Drilling method used: Rotary 50
Hollow Stem Auger 41
Other _____

15. Drilling fluid used: Water 02 Air 01
Drilling Mud 03 None 99

16. Drilling additives used? Yes No
Describe _____

17. Source of water (attach analysis): _____

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 3.5 ft.

G. Filter pack, top _____ ft. MSL or 4.0 ft.

H. Screen joint, top _____ ft. MSL or 5.5 ft.

I. Well bottom _____ ft. MSL or 15.5 ft.

J. Filter pack, bottom _____ ft. MSL or 16.0 ft.

K. Borehole, bottom _____ ft. MSL or 16.0 ft.

L. Borehole, diameter 8.5 in.

M. O.D. well casing 2.38 in.

N. I.D. well casing 2.05 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Mark A. McCulloch Firm Dames & Moore, Madison, WI

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Route to: Solid Waste Haz. Waste Wastewater
Env. Response & Repair Underground Tanks Other

Facility/Project Name <u>TRUAX AIRPORT</u> <u>WISCONSIN AIR NATIONAL GUARD</u>	County Name <u>DANE</u>	Well Name <u>W-21</u>
Facility License, Permit or Monitoring Number _____	County Code <u>13</u>	Wis. Unique Well Number _____
		DNR Well Number _____

1. Can this well be purged dry? Yes No

2. Well development method

surged with bailer and bailed	<input type="checkbox"/>	41
surged with bailer and pumped	<input type="checkbox"/>	61
surged with block and bailed	<input type="checkbox"/>	42
surged with block and pumped	<input type="checkbox"/>	62
surged with block, bailed and pumped	<input type="checkbox"/>	70
compressed air	<input type="checkbox"/>	20
bailed only	<input type="checkbox"/>	10
pumped only	<input checked="" type="checkbox"/>	51
pumped slowly	<input type="checkbox"/>	50
Other _____	<input type="checkbox"/>	<input type="checkbox"/>

3. Time spent developing well 45 min.

4. Depth of well (from top of well casing) 17.0 ft

5. Inside diameter of well 2.05 in.

6. Volume of water in filter pack and well casing 6.0 gal.

7. Volume of water removed from well 65.0 gal.

8. Volume of water added (if any) _____ gal.

9. Source of water added NA

10. Analysis performed on water added? Yes No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>8.80</u> ft	<u>9.20</u> ft
Date	b. <u>04/17/92</u> m m d d y y	<u>04/17/92</u> m m d d y y
Time	c. <u>10:00</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>10:45</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	<u>1.0</u> inches	<u>0.0</u> inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Brown, no odor, very turbid</u>	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) <u>Clear, no odor, very slight turbidity</u>
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	<u>_____</u> mg/l	<u>_____</u> mg/l
15. COD	<u>_____</u> mg/l	<u>_____</u> mg/l

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Mark S. McCulloch

Firm: Dames & Moore, Madison, WI

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: Mark S. McCulloch

Print Initials: MSM

Firm: Dames & Moore, Madison, WI

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

Facility/Project Name TRUAX AIRPORT Local Grid Location of Well _____ Well Name W-21
WISCONSIN AIR NATIONAL GUARD _____ ft. N _____ ft. E
 _____ ft. S _____ ft. W
 Facility License, Permit or Monitoring Number _____ Grid Origin Location _____
 Lat. _____ Long. _____ or _____
 Type of Well Water Table Observation Well 11 St. Plane _____ ft. N. _____ ft. E. Date Well Installed 04/14/92
 Piezometer 12 Section Location of Waste/Source _____
 Distance Well Is From Waste/Source Boundary _____ 1/4 of _____ 1/4 of Sec. _____ T. _____ N. R. _____ Well Installed By: (Person's Name and Firm)
 _____ ft. _____ Location of Well Relative to Waste/Source
 Is Well A Point of Enforcement Std. Application? u Upgradient s Sidegradient
 Yes No d Downgradient n Not Known Mark S. McColloch
Dames & Moore, Madison, WI

A. Protective pipe, top elevation _____ ft. MSL _____ 1. Cap and lock? Yes No
 B. Well casing, top elevation _____ ft. MSL _____ 2. Protective cover pipe:
 a. Inside diameter: 4.0 in.
 b. Length: 5.0 ft.
 c. Material: Steel 04
 _____ Other _____
 d. Additional protection? Yes No
 If yes, describe: _____
 C. Land surface elevation _____ ft. MSL _____ 3. Surface seal: Bentonite 30
 _____ Concrete 01
 _____ Other _____
 D. Surface seal, bottom _____ ft. MSL or 1.0 ft. _____ 4. Material between well casing and protective pipe:
 Bentonite 30
 Annular space seal _____
 _____ Other _____
 12. USCS classification of soil near screen:
 GP GM GC GW SW SP
 SM SC ML MH CL CH
 Bedrock
 13. Sieve analysis attached? Yes No
 14. Drilling method used: Rotary 50
 Hollow Stem Auger 41
 _____ Other _____
 15. Drilling fluid used: Water 02 Air 01
 Drilling Mud 03 None 99
 16. Drilling additives used? Yes No
 Describe _____
 17. Source of water (attach analysis): _____
 E. Bentonite seal, top _____ ft. MSL or 1.0 ft. _____ 6. Bentonite seal: a. Bentonite granules 33
 b. 1/4 in. 3/8 in. 1/2 in. Bentonite pellets 32
 c. _____ Other _____
 F. Fine sand, top _____ ft. MSL or 3.5 ft. _____ 7. Fine sand material: Manufacturer, product name & mesh size
 a. #40-#60 Granosil, Fine Silica Sand
 b. Volume added _____ ft³
 G. Filter pack, top _____ ft. MSL or 4.0 ft. _____ 8. Filter pack material: Manufacturer, product name and mesh size
 a. #45-#55 Red Flint Sand
 b. Volume added _____ ft³
 H. Screen joint, top _____ ft. MSL or 5.0 ft. _____ 9. Well casing: Flush threaded PVC schedule 40 23
 Flush threaded PVC schedule 80 24
 _____ Other _____
 I. Well bottom _____ ft. MSL or 15.0 ft. _____ 10. Screen material: SCH 40 PVC
 a. Screen type: Factory cut 11
 Continuous slot 01
 _____ Other _____
 J. Filter pack, bottom _____ ft. MSL or 15.0 ft. _____ b. Manufacturer Northern Air
 c. Slot size: 0.010 in.
 d. Slotted length: 10.0 ft.
 K. Borehole, bottom _____ ft. MSL or 15.0 ft. _____ 11. Backfill material (below filter pack): None 14
 _____ Other _____
 L. Borehole, diameter 8.5 in.
 M. O.D. well casing 2.38 in.
 N. I.D. well casing 2.05 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.
 Signature Mark S. McColloch Firm Dames & Moore, Madison, WI

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

Route 10: Solid Waste Haz. Waste Wastewater
Env. Response & Repair Underground Tanks Other

Facility/Project Name <u>TRUAX AIRPORT WISCONSIN AIR NATIONAL GUARD</u>	County Name <u>DANE</u>	Well Name <u>W-20</u>
Facility License, Permit or Monitoring Number _____	County Code <u>13</u>	Wis. Unique Well Number _____
		DNR Well Number _____

1. Can this well be purged dry? Yes No

2. Well development method

- surged with bailer and bailed 41
- surged with bailer and pumped 61
- surged with block and bailed 42
- surged with block and pumped 62
- surged with block, bailed and pumped 70
- compressed air 20
- bailed only 10
- pumped only 51
- pumped slowly 50
- Other _____ _____

3. Time spent developing well 15 min.

4. Depth of well (from top of well casing) 16.9 ft.

5. Inside diameter of well 2.05 in.

6. Volume of water in filter pack and well casing 5.7 gal.

7. Volume of water removed from well 60.0 gal.

8. Volume of water added (if any) _____ gal.

9. Source of water added NA

10. Analysis performed on water added? Yes No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>8.70</u> ft.	<u>8.90</u> ft.
Date	b. <u>04/17/92</u> m m d d y y	<u>04/17/92</u> m m d d y y
Time	c. <u>10:50</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>11:05</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	<u>6.0</u> inches	<u>0.0</u> inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Brown, no odor, very turbid</u>	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) <u>Clear, slight fuel odor, very slight turbidity</u>
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	<u>_____</u> mg/l	<u>_____</u> mg/l
15. COD	<u>_____</u> mg/l	<u>_____</u> mg/l

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: Mark S. McCulloch

Firm: Dames & Moore, Madison, WI

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: Mark S. McCulloch

Print Initials: MSM

Firm: Dames & Moore, Madison, WI

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

Facility/Project Name TRUX AIRPORT Local Grid Location of Well _____ ft. N. _____ ft. E. _____ ft. S. _____ ft. W. Well Name W-20

Facility License, Permit or Monitoring Number _____ Grid Origin Location _____ Wis. Unique Well Number _____ DNR Well Number _____

Type of Well Water Table Observation Well 11
Piezometer 12 Date Well Installed 04/14/92
mm dd yy

Distance Well Is From Waste/Source Boundary _____ ft. Section Location of Waste/Source _____ 1/4 of _____ 1/4 of Sec. _____ T. _____ N. R. _____ E. W. Well Installed By: (Person's Name and Firm)
Mark S. McCulloch
Dames & Moore, Madison, WI

Is Well A Point of Enforcement Std. Application? Yes No Location of Well Relative to Waste/Source
u Upgradient s Sidegradient
d Downgradient n Not Known

A. Protective pipe, top elevation _____ ft. MSL _____ 1. Cap and lock? Yes No

B. Well casing, top elevation _____ ft. MSL _____ 2. Protective cover pipe:
a. Inside diameter: _____ 4.0 in.
b. Length: _____ 5.0 ft.
c. Material: Steel 04
Other

C. Land surface elevation _____ ft. MSL _____

D. Surface seal, bottom _____ ft. MSL or 1.0 ft. d. Additional protection? Yes No
If yes, describe: _____

12. USCS classification of soil near screen:
GP GM GC GW SW SP
SM SC ML MH CL CH
Bedrock

13. Sieve analysis attached? Yes No

14. Drilling method used: Rotary 50
Hollow Stem Auger 41
Other

15. Drilling fluid used: Water 02 Air 01
Drilling Mud 03 None 99

16. Drilling additives used? Yes No
Describe _____

17. Source of water (attach analysis): _____

3. Surface seal: Bentonite 30
Concrete 01
Other Soil

4. Material between well casing and protective pipe:
Bentonite 30
Annular space seal

5. Annular space seal: a. Granular Bentonite 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry 35
c. _____ Lbs/gal mud weight ... Bentonite slurry 31
d. _____ % Bentonite ... Bentonite-cement grout 50
e. _____ Ft³ volume added for any of the above
f. How installed: Tremie 01
Tremie pumped 02
Gravity 08

6. Bentonite seal: a. Bentonite granules 33
b. 1/4 in. 3/8 in. 1/2 in. Bentonite pellets 32
c. _____ Other

7. Fine sand material: Manufacturer, product name & mesh size
a. #40-#60 Granusil Fine Silica Sand
b. Volume added _____ ft³

8. Filter pack material: Manufacturer, product name and mesh size
a. #45-#55 Red Flint Sand
b. Volume added _____ ft³

9. Well casing: Flush threaded PVC schedule 40 23
Flush threaded PVC schedule 80 24
Other

10. Screen material: SCH 40 PVC
a. Screen type: Factory cut 11
Continuous slot 01
Other

b. Manufacturer Northern Air
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): None 14
Other

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 3.5 ft.

G. Filter pack, top _____ ft. MSL or 4.0 ft.

H. Screen joint, top _____ ft. MSL or 5.0 ft.

I. Well bottom _____ ft. MSL or 15.0 ft.

J. Filter pack, bottom _____ ft. MSL or 15.0 ft.

K. Borehole, bottom _____ ft. MSL or 15.0 ft.

L. Borehole, diameter 8.5 in.

M. O.D. well casing 2.38 in.

N. I.D. well casing 2.05 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Mark A. McCulloch Firm Dames & Moore, Madison, WI

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Instructions for Groundwater Monitoring
Well Information Form

This form, when completed provides a record of information for each well that is part of a facility's groundwater monitoring program. It provides the facility or consultant with a means of presenting in a consistent format the well data which the department requires during a site review process; and later, when new wells are added to the monitoring program.

Each element of the form is described below. Complete the form with the necessary information using the description of the elements as a guide.

Facility Name: The name of the site or landfill.

Facility ID Number: The license number or identification number of the facility.

Date: The date on which the form is filled out.

Completed By: Name and firm of person completing the form.

Well Name: The name given to the well by the facility or consultant; the 'common' name.

DNR No.: The number assigned to the well by the department, for use by the department.

Well Location*: The location of the well, measured in feet, in relation to a grid system origin or coordinate system established for the site.

Date Established: The installation date of the well.

Well Casing Diam.: The inside diameter of the pipe used in the well construction, in inches.

Well Casing Type: The type of pipe used: plastic (P), steel (S) or other (O).

Elevations:

Top of Well Casing**: The measurement, in feet, from the top of the well casing (not top of protective casing), in feet.

Ground Surface: The measurement, in feet, from the ground surface of the well.

Screen Top: The measurement, in feet, from the top of the screen.

Reference: Measured in reference to Mean Sea Level (MSL) or to a particular site datum established by consultant or facility.

Screen:

Length: The length of the screen measured in feet.

Material: The type of screen material.

Well Depth: The depth of the well from the top of well casing, measured in feet.

Type of Well:

PIEZ: piezometer (sealed below water table)

OW: water table observation well

PYT: private well

LYS: lysimeter

OTHER: not any of the above

*Location Coordinates are: Grid System, established by consultants and submitted to the Department; or State Plane Coordinate System, an established location system for Wisconsin.

Rec'd in District, Area, Bureau: The date the completed form was received by the Department.

**NOTE: Well casing refers to the material the well is constructed of, not the protective pipe.

Facility Name TRAXX AIRPORT
WISCONSIN AIR NATIONAL GUARD
 Facility ID Number _____ Date 4-17-92
 Completed By (Name and Firm) MARK S. Mc COLLOCH DAMES & MOORE, MADISON, WI

Well Name	Well ID Number (DNR No.)	Well Location	N	S	E	W	Date Established	Well Casing		Elevations			Reference		Screen		Type of Well (-)						
								Diam.	Type	Top of Well Casing	Ground Surface	Screen Top	MBL (-)	Bite Below (-)	Length	Material	Well Depth	PIEZ	OW	PW	LYS	Other	
W-20							4-14-92	2"	P	859.05	857.23	852.15	X		10	SCH 40 PVC	16.9		✓				
W-21							4-14-92	2"	P	859.28	857.05	852.28	X		10	SCH 40 PVC	17.0		✓				
W-22S							4-13-92	2"	P	859.97	857.99	852.67	X		10	SCH 40 PVC	17.3		✓				
W-22D							4-13-92	2"	P	860.17	857.97	823.17	X		5	SCH 40 PVC	42.0	✓					
W-23							4-15-92	2"	P	858.75	857.01	851.95	X		10	SCH 40 PVC	16.8		✓				

Location Coordinates Are:
 Grid System
 State Plane Coordinate
 Northern
 Central

Received In:
 District: _____ Area: _____ Bureau: _____
 By: _____

SMS Use:
 File Maint. Completed: _____ Date _____
 Other: _____

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>DANE</u>	Original Well Owner (If Known) <u>WISCONSIN AIR NATIONAL GUARD</u>	
___ 1/4 of ___ 1/4 of Sec. ___ ; T. ___ N R. ___ <input type="checkbox"/> E <input type="checkbox"/> W (If applicable)		Present Well Owner <u>SAME</u>	
Gov't Lot _____ Grid Number _____		Street or Route _____	
Grid Location _____ ft. <input type="checkbox"/> N <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code <u>MADISON, WI 53704</u>	
Civil Town Name _____		Facility Well No. and/or Name (If Applicable) <u>B-55</u>	WI Unique Well No. _____
Street Address of Well _____		Reason For Abandonment <u>Drilled for collection of soil samples</u>	
City, Village <u>MADISON, WI</u>		Date of Abandonment <u>4-15-92</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>4-15-92</u>	(4) Depth to Water (Feet) <u>6.8</u>
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>None used</u>
Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) _____	(5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	(6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Clay-Sand Slurry <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Chipped Bentonite
Total Well Depth (ft.) <u>10'</u> Casing Diameter (ins.) _____ (From ground surface) Casing Depth (ft.) _____ Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet	

Sealing Material Used	From (FL)	To (FL)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>Granular Bentonite</u>	<u>Surface</u>	<u>10</u>		<u>2-50 lb. bags</u>

Comments: Drilled w/ 2 1/4" ID, 6 1/4" OD Hollow stem Augers

9) Name of Person or Firm Doing Sealing Work <u>MARKS, McCOLLICH / DANES & MOORE</u>	
Signature of Person Doing Work <u>Mark & McCollich</u>	Date Signed <u>4-17-92</u>
Street or Route <u>1846 HOFFMAN ST.</u>	Telephone Number <u>(608) 244-1788</u>
City, State, Zip Code <u>MADISON, WI 53704</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>DAVE</u>	Original Well Owner (If Known) <u>WISCONSIN AIR NATIONAL GUARD</u>	
____ 1/4 of ____ 1/4 of Sec. ____ ; T. ____ N. R. ____ (If applicable)		Present Well Owner <u>WISCONSIN AIR NATIONAL GUARD</u>	
____ Gov't Lot ____ Grid Number		Street or Route	
Grid Location ____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., ____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code <u>MADISON, WI 53704</u>	
Civil Town Name		Facility Well No. and/or Name (If Applicable) <u>B-56</u>	WI Unique Well No. _____
Street Address of Well		Reason For Abandonment <u>Drilled for collection of soil samples</u>	
City, Village <u>MADISON, WI 53704</u>		Date of Abandonment <u>4-16-92</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>6.6</u>	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>4-16-92</u>		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) _____		Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>None used</u>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Total Well Depth (ft.) <u>10</u> Casing Diameter (ins.) _____ (From ground surface)		Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Casing Depth (ft.) _____		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
		(5) Required Method of Placing Sealing Material	
		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
		<input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>	
		(6) Sealing Materials For monitoring wells and monitoring well boreholes only	
		<input type="checkbox"/> Neat Cement Grout	
		<input type="checkbox"/> Sand-Cement (Concrete) Grout	
		<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets	
		<input type="checkbox"/> Clay-Sand Slurry <input checked="" type="checkbox"/> Granular Bentonite	
		<input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout	
		<input type="checkbox"/> Chipped Bentonite	

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Granular bentonite	Surface	1.0		2-50 lb. bags

Comments: Drilled w/ 2 1/4" ID, 6/4" OD Hollow stem Augers

Name of Person or Firm Doing Sealing Work <u>MARK S. McCulloch / DAMES & MOORE, MADISON, WI</u>	
Signature of Person Doing Work <u>Mark S. McCulloch</u>	Date Signed <u>4-17-92</u>
Street or Route <u>1846 HOFFMAN ST.</u>	Telephone Number <u>(608) 244-1788</u>
City, State, Zip Code <u>MADISON WI 53704</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. min. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>DANE</u>	Original Well Owner (If Known) <u>WISCONSIN AIR NATIONAL GUARD</u>	
___ 1/4 of ___ 1/4 of Sec. ___ ; T. ___ N. R. ___ (If applicable)		Present Well Owner <u>SAME</u>	
Gov't Lot _____ Grid Number _____		Street or Route _____	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code <u>MADISON, WI 53704</u>	
Civil Town Name _____		Facility Well No. and/or Name (If Applicable) <u>B-57</u>	WI Unique Well No. _____
Street Address of Well _____		Reason For Abandonment <u>Drilled for collection of soil samples</u>	
City, Village <u>MADISON, WI</u>		Date of Abandonment <u>4-16-92</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>4-16-92</u>	(4) Depth to Water (Feet) <u>6.8</u>
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>None used</u>
Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) _____	(5) Required Method of Placing Sealing Material
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>
Total Well Depth (ft.) <u>10</u> Casing Diameter (ins.) _____ (From ground surface)	(6) Sealing Materials
Casing Depth (ft.) _____	For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Clay-Sand Slurry <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Chipped Bentonite
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet	

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>Granular Bentonite</u>	<u>Surface</u>	<u>10</u>		<u>2-50 lb. bags</u>

Comments: Drilled w/ 2 1/4" ID, 6 1/4" OD hollow stem augers

Name of Person or Firm Doing Sealing Work <u>MARK S. MCCULLOUGH / DAMES & MOORE</u>	
Signature of Person Doing Work <u>Mark S. McCullough</u>	Date Signed <u>4-17-92</u>
Street or Route <u>1846 HOFFMANN ST.</u>	Telephone Number <u>(608) 244-1788</u>
City, State, Zip Code <u>MADISON, WI 53704</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>DANE</u>	Original Well Owner (If Known) <u>WISCONSIN AIR NATIONAL GUARD</u>	
____ 1/4 of ____ 1/4 of Sec. ____ ; T. ____ N. R. ____ <input type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner <u>SAME</u>	
(If applicable) ____ Gov't Lot ____ Grid Number		Street or Route	
Grid Location ____ ft. <input type="checkbox"/> N <input type="checkbox"/> S, ____ ft. <input type="checkbox"/> E <input type="checkbox"/> W.		City, State, Zip Code <u>MADISON, WI 53704</u>	
Civil Town Name		Facility Well No. and/or Name (If Applicable) <u>B-58</u>	WI Unique Well No. _____
Street Address of Well		Reason For Abandonment <u>Drilled for collection of soil samples</u>	
City, Village <u>MADISON, WI</u>		Date of Abandonment <u>4-16-92</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>6.7</u>	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>4-16-92</u>		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) _____		Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		If No, Explain <u>None used</u>	
Total Well Depth (ft.) <u>10'</u> Casing Diameter (ins.) _____		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Casing Depth (ft.) _____		Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
		(5) Required Method of Placing Sealing Material	
		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
		<input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>gravity</u>	
		(6) Sealing Materials	
		For monitoring wells and monitoring well boreholes only	
		<input type="checkbox"/> Neat Cement Grout	
		<input type="checkbox"/> Sand-Cement (Concrete) Grout	
		<input type="checkbox"/> Concrete	
		<input type="checkbox"/> Clay-Sand Slurry	
		<input type="checkbox"/> Bentonite-Sand Slurry	
		<input type="checkbox"/> Chipped Bentonite	
		<input type="checkbox"/> Bentonite Pellets	
		<input checked="" type="checkbox"/> Granular Bentonite	
		<input type="checkbox"/> Bentonite - Cement Grout	

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>Granular Bentonite</u>	<u>Surface</u>	<u>10'</u>		<u>2-50 lb. bags</u>

Comments: Drilled w/ 2 1/4" TD, 6 1/4" OD Hollow stem augers

Name of Person or Firm Doing Sealing Work <u>MARK S. McCOLLOCH / DINES & MARE</u>	
Signature of Person Doing Work <u>Mark S. McCulloch</u>	Date Signed <u>4-17-92</u>
Street or Route <u>1846 HOFEMANN ST.</u>	Telephone Number <u>(608) 244-1788</u>
City, State, Zip Code <u>MADISON, WI</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>DANE</u>	Original Well Owner (If Known)	
<u> </u> 1/4 of <u> </u> 1/4 of Sec. <u> </u> ; T. <u> </u> N. R. <u> </u>	<input type="checkbox"/> E <input type="checkbox"/> W	Present Well Owner <u>WISCONSIN AIR NATIONAL GUARD</u>	
(If applicable)	Gov't Lot <u> </u> Grid Number <u> </u>	Street or Route <u>SAME</u>	
Grid Location	<u> </u> ft. <input type="checkbox"/> N <input type="checkbox"/> S., <u> </u> ft. <input type="checkbox"/> E. <input type="checkbox"/> W.	City, State, Zip Code	
Civil Town Name	Street Address of Well	Facility Well No. and/or Name (If Applicable) <u>B-59</u>	WI Unique Well No. <u> </u>
City, Village <u>MADISON, WI</u>		Reason For Abandonment <u>Drilled for collection of soil samples</u>	
		Date of Abandonment <u>4-15-92</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>6.7</u>	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>4-15-92</u>	Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>None used</u>	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <u> </u>	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	(5) Required Method of Placing Sealing Material		
Total Well Depth (ft.) <u>10</u> Casing Diameter (ins.) <u> </u> (From ground surface)	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>		
Casing Depth (ft.) <u> </u>	(6) Sealing Materials For monitoring wells and monitoring well boreholes only		
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? <u> </u> Feet	<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite		

Sealing Material Used	From (Fl.)	To (Fl.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Granular bentonite	Surface	10'		2-50 lb. bags

Comments:

9) Name of Person or Firm Doing Sealing Work <u>MARK S. Mc COLLOCH / DAKES & MOORE</u>	
Signature of Person Doing Work <u>Mark S. Mc Colloch</u>	Date Signed <u>4-17-92</u>
Street or Route <u>1816 HOFFMAN ST.</u>	Telephone Number <u>(608) 244-1788</u>
City, State, Zip Code <u>MADISON, WI 53704</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. min. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County DANE	Original Well Owner (If Known) WISCONSIN AIR NATIONAL GUARD	
1/4 of 1/4 of Sec. ; T. N. R. <input type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner SAME	
(If applicable) Gov't Lot Grid Number		Street or Route	
Grid Location ft. <input type="checkbox"/> N <input type="checkbox"/> S., ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code MADISON, WI 53704	
Civil Town Name		Facility Well No. and/or Name (If Applicable) B-60	WI Unique Well No. -----
Street Address of Well		Reason For Abandonment Drilled for collection of soil samples	
City, Village MADISON, WI		Date of Abandonment 4-15-92	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) 5.2	
Original Well/Drillhole/Borehole Construction Completed On (Date) 4-15-92		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>None used</u>	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) _____		(5) Required Method of Placing Sealing Material	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>	
Total Well Depth (ft.) 10 Casing Diameter (ins.) _____ (From ground surface)		(6) Sealing Materials For monitoring wells and monitoring well boreholes only	
Casing Depth (ft.) _____		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Clay-Sand Slurry <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Chipped Bentonite	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet			

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Granular bentonite	Surface	10		2-50 lb. bags

Comments: Drilled w/ 2 1/4" ID, 6 1/4" OD hollow stem augers

Name of Person or Firm Doing Sealing Work MARK S. McCallloch/DANES & MOORE	
Signature of Person Doing Work <i>Mark S. McCallloch</i>	Date Signed 4-17-92
Street or Route 1846 HOFFMAN ST.	Telephone Number (608) 244-1788
City, State, Zip Code MADISON, WI 53704	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>DANE</u>	Original Well Owner (If Known) <u>WISCONSIN AIR NATIONAL GUARD</u>	
1/4 of 1/4 of Sec. ; T. N. R. <input type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner <u>SAKE</u>	
(If applicable) Gov't Lot Grid Number		Street or Route	
Grid Location ft. <input type="checkbox"/> N <input type="checkbox"/> S., ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code <u>MADISON, WI 53704</u>	
Civil Town Name		Facility Well No. and/or Name (If Applicable)	WI Unique Well No.
Street Address of Well		<u>B-61</u>	
City, Village <u>MADISON, WI</u>		Reason For Abandonment <u>Drilled for collection of soil samples</u>	
		Date of Abandonment <u>4-15-92</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>7.3</u>	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>4-15-92</u>		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify)		Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		If No, Explain <u>None used</u>	
Total Well Depth (ft.) <u>10</u> Casing Diameter (ins.) <u>/</u>		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Casing Depth (ft.) <u>/</u>		Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? Feet		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
		(5) Required Method of Placing Sealing Material	
		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
		<input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>	
		(6) Sealing Materials For monitoring wells and monitoring well boreholes only	
		<input type="checkbox"/> Neat Cement Grout	
		<input type="checkbox"/> Sand-Cement (Concrete) Grout	
		<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets	
		<input type="checkbox"/> Clay-Sand Slurry <input checked="" type="checkbox"/> Granular Bentonite	
		<input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout	
		<input type="checkbox"/> Chipped Bentonite	

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealed or Volume	Mix Ratio or Mud Weight
<u>Granular Bentonite</u>	<u>Surface</u>	<u>10</u>		<u>2.50 lb. bags</u>

Comments: Drilled w/ 2 1/4" ID, 6 1/4" OD Hollow stem auger

9) Name of Person or Firm Doing Sealing Work <u>MARK S. Mc COLLOCH / DAMES & MOORE</u>	
Signature of Person Doing Work <u>Mark S. Mc Colloch</u>	Date Signed <u>4-17-92</u>
Street or Route <u>1846 HOFF MANN ST.</u>	Telephone Number <u>(608) 244-1788</u>
City, State, Zip Code <u>MADISON, WI 53704</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>DANE</u>	Original Well Owner (If Known) <u>WISCONSIN AIR NATIONAL GUARD</u>	
____ 1/4 of ____ 1/4 of Sec. ____ ; T. ____ N. R. ____ <input type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner <u>SAME</u>	
(If applicable) ____ Gov't Lot ____ Grid Number	Street or Route		
Grid Location ____ ft. <input type="checkbox"/> N <input type="checkbox"/> S., ____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.	City, State, Zip Code <u>MADISON, WI 53704</u>		
Civil Town Name	Facility Well No. and/or Name (If Applicable) <u>B-6Z</u>	WI Unique Well No. _____	
Street Address of Well	Reason For Abandonment <u>Drilled for collection of soil samples</u>		
City, Village <u>MADISON, WI</u>	Date of Abandonment <u>4-16-92</u>		

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>7.0</u>	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>4-16-92</u>	Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) _____	Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	Total Well Depth (ft.) <u>10</u> Casing Diameter (ins.) _____	If No, Explain <u>None used</u>	
Casing Depth (ft.) _____	Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No	Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
		(5) Required Method of Placing Sealing Material	
		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>	
		(6) Sealing Materials For monitoring wells and monitoring well boreholes only	
		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite	

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>Granular Bentonite</u>	<u>Surface</u>	<u>10'</u>		<u>2- 50 lb. bags</u>

(8) Comments: Drilled w/ 2 1/4" ID, 6 1/4" OD HSA

(9) Name of Person or Firm Doing Sealing Work <u>MARK MCCOLLOCH / JAMES S. MOORE</u>	
Signature of Person Doing Work <u>Mark & McCulloch</u>	Date Signed <u>4-17-92</u>
Street or Route <u>1846 HOFFMANN ST.</u>	Telephone Number <u>(608) 244-1788</u>
City, State, Zip Code <u>MADISON, WI 53704</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

1) GENERAL INFORMATION		2) FACILITY NAME	
Well/Drillhole/Borehole Location	County DAVE	Original Well Owner (If Known) WISCONSIN AIR NATIONAL GUARD	
1/4 of 1/4 of Sec. ; T. N. R. <input type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner SAME	
(If applicable) Gov't Lot Grid Number		Street or Route	
Grid Location ft. <input type="checkbox"/> N <input type="checkbox"/> S., ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code MADISON, WI	
Civil Town Name		Facility Well No. and/or Name (If Applicable) B-63	WI Unique Well No. -----
Street Address of Well		Reason For Abandonment Drilled for collection of soil samples	
City, Village MADISON, WI		Date of Abandonment 4-16-92	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>7.0</u>	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>4-16-92</u>		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) _____		Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		If No, Explain <u>None used</u>	
Total Well Depth (ft.) <u>10</u> Casing Diameter (ins.) <u> </u>		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Casing Depth (ft.) <u> </u>		Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
		(5) Required Method of Placing Sealing Material	
		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>	
		(6) Sealing Materials	
		For monitoring wells and monitoring well boreholes only	
		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Bentonite Pellets	
		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Granular Bentonite	
		<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite - Cement Grout	
		<input type="checkbox"/> Clay-Sand Slurry	
		<input type="checkbox"/> Bentonite-Sand Slurry	
		<input type="checkbox"/> Chipped Bentonite	

Sealing Material Used	From (Fl.)	To (Fl.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Granular Bentonite	Surface	10		2-50 lb. bags

Comments: Drilled w/ 2 1/4" ID, 6 1/4" OD hollow stem augers

9) Name of Person or Firm Doing Sealing Work MARK S. McCulloch / DAMES & MOORE	
Signature of Person Doing Work Mark S. McCulloch	Date Signed 4-17-92
Street or Route 1846 HOFFMAN ST	Telephone Number (608) 244-1788
City, State, Zip Code MADISON, WI 53704	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>DANE</u>	Original Well Owner (If Known) <u>WISCONSIN AIR NATURAL GASES</u>	
<u> </u> 1/4 of <u> </u> 1/4 of Sec. <u> </u> ; T. <u> </u> N. R. <u> </u>	<input type="checkbox"/> E <input type="checkbox"/> W	Present Well Owner <u>SAME</u>	
(If applicable)	Gov't Lot <u> </u> Grid Number <u> </u>	Street or Route	
Grid Location <u> </u> ft. <input type="checkbox"/> N. <input type="checkbox"/> S., <u> </u> ft. <input type="checkbox"/> E. <input type="checkbox"/> W.	Civil Town Name	City, State, Zip Code <u>MADISON, WI 53704</u>	
Street Address of Well	City, Village <u>MADISON, WI</u>	Facility Well No. and/or Name (If Applicable) <u>B-64</u>	WI Unique Well No. <u> </u>
		Reason For Abandonment <u>Drilled for collection of soil samples</u>	
		Date of Abandonment <u>4-16-92</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>7.8</u>	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>4-16-92</u>	Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>None used</u>	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <u> </u>	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	(5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>		
Total Well Depth (ft.) <u>10</u> Casing Diameter (ins.) <u> </u> (From ground surface)	(6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite		
Casing Depth (ft.) <u> </u> Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? <u> </u> Feet			

Sealing Material Used	From (Fl.)	To (Fl.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>Granular Bentonite</u>	<u>Surface</u>	<u>10</u>		<u>2-50 lb. bags</u>

(*) Comments: Drilled w/ 2 1/4" ID, 6 1/4" OD hollow stem augers

(9) Name of Person or Firm Doing Sealing Work <u>MARK S. McCulloch / DAMES & MOORE</u>	
Signature of Person Doing Work <u>Mark S. McCulloch</u>	Date Signed <u>4-17-92</u>
Street or Route <u>1846 ROFFMAN ST.</u>	Telephone Number <u>(608) 244-1788</u>
City, State, Zip Code <u>MADISON, WI 53704</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County DANE	Original Well Owner (If Known) WISCONSIN AIR NATIONAL GUARD	
1/4 of 1/4 of Sec. ; T. N. R.	<input type="checkbox"/> E <input type="checkbox"/> W	Present Well Owner SAME	
Gov't Lot	Grid Number	Street or Route	
Grid Location ft. <input type="checkbox"/> N <input type="checkbox"/> S., ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code MADISON, WI 53704	
Civil Town Name		Facility Well No. and/or Name (If Applicable) B-65	WI Unique Well No. -----
Street Address of Well		Reason For Abandonment Drilled for collection of soil samples	
City, Village MADISON, WI		Date of Abandonment 4-15-92	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) 7.7	
Original Well/Drillhole/Borehole Construction Completed On (Date) 4-15-92	Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify)	Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	Total Well Depth (ft.) 10 Casing Diameter (ins.)	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No	Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Casing Depth (ft.)	Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? Feet	Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
		(5) Required Method of Placing Sealing Material	
		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) Gravity	
		(6) Sealing Materials For monitoring wells and monitoring well boreholes only	
		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite	

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Granular Bentonite	Surface	10		2 - 50 lb. bags

Comments: Drilled w/ 2 1/4" ID, 6 1/4" OD Hollow stem augers

(9) Name of Person or Firm Doing Sealing Work	
Signature of Person Doing Work Mark A. McCulloch	Date Signed 4-17-92
Street or Route 1846 HOFFMAN ST.	Telephone Number (608) 244-1788
City, State, Zip Code MADISON, WI 53704	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County DANE	Original Well Owner (If Known) WISCONSIN AIR NATIONAL GUARD	
<u> </u> 1/4 of <u> </u> 1/4 of Sec. <u> </u> ; T. <u> </u> N. R. <u> </u>	<input type="checkbox"/> E <input type="checkbox"/> W	Present Well Owner SAME	
(If applicable)	Gov't Lot <u> </u> Grid Number <u> </u>	Street or Route	
Grid Location <u> </u> ft. <input type="checkbox"/> N. <input type="checkbox"/> S., <u> </u> ft. <input type="checkbox"/> E. <input type="checkbox"/> W.	Civil Town Name	City, State, Zip Code MADISON, WI 53704	
Street Address of Well	City, Village MADISON, WI	Facility Well No. and/or Name (If Applicable) B-66	WI Unique Well No. <u> </u>
		Reason For Abandonment Drilled for collection of soil samples	
		Date of Abandonment 4-15-92	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>7.3</u>	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>4-15-92</u>	Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <u> </u>	Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	Total Well Depth (ft.) <u>10</u> Casing Diameter (ins.) <u> </u>	If No, Explain <u>None used</u>	
Casing Depth (ft.) <u> </u>	Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? <u> </u> Feet	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No	Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
		(5) Required Method of Placing Sealing Material	
		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>	
		(6) Sealing Materials For monitoring wells and monitoring well boreholes only	
		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite	

Sealing Material Used	From (Fl.)	To (Fl.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Granular Bentonite	Surface	10		2-50 lb. bags

Comments: Drilled w/ 2 1/4" ID, 6 1/4" OD hollow stem augers

9) Name of Person or Firm Doing Sealing Work MARK S. MCCOLLOCH	
Signature of Person Doing Work <i>Mark S. McCulloch</i>	Date Signed 4-17-92
Street or Route 1846 HOFFMAN DR.	Telephone Number (608) 244-1788
City, State, Zip Code MADISON, WI 53704	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>DANE</u>	Original Well Owner (If Known) <u>WISCONSIN AIR NATIONAL GUARD</u>	
<u> </u> 1/4 of <u> </u> 1/4 of Sec. <u> </u> ; T. <u> </u> N. R. <u> </u>	<input type="checkbox"/> E <input type="checkbox"/> W	Present Well Owner <u>SAME</u>	
(If applicable) Gov't Lot <u> </u> Grid Number <u> </u>	Street or Route		
Grid Location <u> </u> ft. <input type="checkbox"/> N <input type="checkbox"/> S., <u> </u> ft. <input type="checkbox"/> E. <input type="checkbox"/> W.	City, State, Zip Code <u>MADISON, WI</u>		
Civil Town Name	Facility Well No. and/or Name (If Applicable) <u>B-67</u>	WI Unique Well No. <u> </u>	
Street Address of Well	Reason For Abandonment <u>Drilled for collection of soil samples</u>		
City, Village <u>MADISON, WI</u>	Date of Abandonment <u>4-14-92</u>		

WELL/DRILLHOLE/BOREHOLE INFORMATION	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>4-14-92</u>	(4) Depth to Water (Feet) <u>7.4</u>
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>None used</u>
Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <u> </u>	(5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	(6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Clay-Sand Slurry <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Chipped Bentonite
Total Well Depth (ft.) <u>10</u> Casing Diameter (ins.) <u> </u>	
Casing Depth (ft.) <u> </u>	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? <u> </u> Feet	

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>Granular Bentonite</u>	<u>Surface</u>	<u>10</u>		<u>2 - 50 lb. bags</u>

Comments: Drilled w/ 2 1/4" ID, 6 1/4" OD Hollow stem augers

(9) Name of Person or Firm Doing Sealing Work	
<u>MARK S. McCulloch / DAMEZ & MOORE</u>	
Signature of Person Doing Work <u>Mark S. McCulloch</u>	Date Signed <u>4-17-92</u>
Street or Route <u>1846 HOFFMANN ST.</u>	Telephone Number <u>(608) 244-1788</u>
City, State, Zip Code <u>MADISON, WI 53704</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>DANE</u>	Original Well Owner (If Known) <u>WISCONSIN AIR NATIONAL GUARD</u>	
1/4 of 1/4 of Sec. ; T. N. R. <input type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner <u>SAME</u>	
(If applicable) Gov't Lot Grid Number		Street or Route	
Grid Location ft. <input type="checkbox"/> N <input type="checkbox"/> S., ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code <u>MADISON, WI 53704</u>	
Civil Town Name		Facility Well No. and/or Name (If Applicable) <u>B-68</u>	WI Unique Well No.
Street Address of Well		Reason For Abandonment <u>Drilled for collection of soil samples</u>	
City, Village <u>MADISON, WI</u>		Date of Abandonment <u>4-13-92</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>7.0</u>	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>4-13-92</u>		<input type="checkbox"/> Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>None Used</u>	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify)	Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	(5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>	
Total Well Depth (ft.) <u>10</u> Casing Diameter (ins.) <u>/</u>	Casing Depth (ft.) <u>/</u>	(6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Clay-Sand Slurry <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Chipped Bentonite	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? <u>/</u> Feet			

Sealing Material Used	From (Fl.)	To (Fl.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>Granular Bentonite</u>	<u>Surface</u>	<u>10</u>		<u>2-50 lb. bags</u>

Comments: Drilled w/ 2 1/4" ID, 6 1/4" OD Hollow stem augers

(9) Name of Person or Firm Doing Sealing Work <u>MARK S. MCGILLICH / JAMES F. MOORE</u>	
Signature of Person Doing Work <u>Mark S. McGillich</u>	Date Signed <u>4-17-92</u>
Street or Route <u>1846 HOFFMAN ST.</u>	Telephone Number <u>(608) 244-1788</u>
City, State, Zip Code <u>MADISON, WI 53704</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>DANE</u>	Original Well Owner (If Known) <u>WISCONSIN AIR NATIONAL GUARD</u>	
1/4 of ___ 1/4 of Sec. ___ ; T. ___ N. R. ___ <input type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner <u>SAME</u>	
(If applicable) Gov't Lot ___ Grid Number ___		Street or Route	
Grid Location ___ ft. <input type="checkbox"/> N <input type="checkbox"/> S., ___ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code <u>MADISON, WI 53704</u>	
Civil Town Name		Facility Well No. and/or Name (If Applicable) <u>B-69</u>	WI Unique Well No. _____
Street Address of Well		Reason For Abandonment <u>Drilled for collection of soil samples</u>	
City, Village <u>MADISON, WI</u>		Date of Abandonment <u>4-13-92</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>7.3</u>	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>4-13-92</u>		<input type="checkbox"/> Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>Pore used</u>	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) _____	Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	(5) Required Method of Placing Sealing Material	
Total Well Depth (ft.) <u>10</u> Casing Diameter (ins.) <u> </u>	Casing Depth (ft.) <u> </u>	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		(6) Sealing Materials For monitoring wells and monitoring well boreholes only	
		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Clay-Sand Slurry <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Chipped Bentonite	

Sealing Material Used	From (Fl.)	To (Fl.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>Granular Bentonite</u>	<u>Surface</u>	<u>10</u>		<u>2-50 lb. bags</u>

Comments: Drilled w/ 2 1/4" ID, 6 1/4" OD Hollow stem augers

(9) Name of Person or Firm Doing Sealing Work <u>MARK S. McCOLLACH / DANNES & MOORE</u>	
Signature of Person Doing Work <u>Mark S. McCollach</u>	Date Signed <u>4-17-92</u>
Street or Route <u>1846 HOFFMAN ST.</u>	Telephone Number <u>(608) 244-1788</u>
City, State, Zip Code <u>MADISON, WI 53704</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

1) GENERAL INFORMATION		2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>DANE</u>	Original Well Owner (If Known) <u>WISCONSIN AIR NATIONAL GUARD</u>	
____ 1/4 of ____ 1/4 of Sec. ____ ; T. ____ N. R. ____ (If applicable)		Present Well Owner <u>SAUE</u>	
____ Gov't Lot	____ Grid Number	Street or Route	
Grid Location ____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., ____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.	City, State, Zip Code <u>MADISON, WI 53704</u>		
Civil Town Name	Facility Well No. and/or Name (If Applicable) <u>B-70</u>	WI Unique Well No. _____	
Street Address of Well	Reason For Abandonment <u>Drilled for collection of soil samples</u>		
City, Village <u>MADISON, WI</u>	Date of Abandonment <u>4-14-92</u>		

WELL/DRILLHOLE/BOREHOLE INFORMATION	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>4-14-92</u>	(4) Depth to Water (Feet) <u>7.0</u>
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) _____ Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock Total Well Depth (ft.) <u>10</u> Casing Diameter (ins.) _____ (From ground surface) Casing Depth (ft.) _____ Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>None used</u> Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
(5) Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>	
(6) Sealing Materials	
For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Clay-Sand Slurry <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Chipped Bentonite	

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>Granular Bentonite</u>	<u>Surface</u>	<u>10</u>		<u>2-50 lb. bags</u>

Comments: Drilled w/ 2 1/4" ID, 6 1/4" OD Hollow stem augers

9) Name of Person or Firm Doing Sealing Work <u>MARK S. MCCOLLOCH / DAMES & MOORE</u>	
Signature of Person Doing Work <u>Mark S. McCulloch</u>	Date Signed <u>4-17-92</u>
Street or Route <u>1846 HOFFMANN ST.</u>	Telephone Number <u>(608) 244-1788</u>
City, State, Zip Code <u>MADISON, WI 53704</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>DANE</u>	Original Well Owner (If Known) <u>WISCONSIN AIR NATIONAL GUARD</u>	
<u> </u> 1/4 of <u> </u> 1/4 of Sec. <u> </u> ; T. <u> </u> N. R. <u> </u>	<input type="checkbox"/> E <input type="checkbox"/> W	Present Well Owner <u>SAME</u>	
(If applicable) Gov't Lot <u> </u> Grid Number <u> </u>		Street or Route	
Grid Location <u> </u> ft. <input type="checkbox"/> N. <input type="checkbox"/> S., <u> </u> ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code	
Civil Town Name		Facility Well No. and/or Name (If Applicable) <u>B-71</u>	WI Unique Well No. <u> </u>
Street Address of Well		Reason For Abandonment <u>Drilled for collection of soil samples</u>	
City, Village <u>MADISON, WI</u>		Date of Abandonment <u>4-15-92</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>B.O.</u>	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>4-15-92</u>	Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>None used</u>	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <u> </u>		(5) Required Method of Placing Sealing Material	
Fermentation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>	
Total Well Depth (ft.) <u>10</u> Casing Diameter (ins.) <u> </u> (From ground surface)		(6) Sealing Materials	
Casing Depth (ft.) <u> </u>		For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? <u> </u> Feet		<input type="checkbox"/> Bentonite Pellets <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout	

Sealing Material Used	From (FL)	To (FL)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>Granular Bentonite</u>	<u>Surface</u>	<u>10</u>		<u>2-50 lb. bags</u>

Comments: Drilled w/ 2 1/4" ID, 6 1/4" OD Hollow stem augers

(9) Name of Person or Firm Doing Sealing Work <u>MARK S. MCCOLLOCH / DANES & MOORE</u>	
Signature of Person Doing Work <u>Mark S. McCulloch</u>	Date Signed <u>4-17-92</u>
Street or Route <u>1846 ROFFMAN ST.</u>	Telephone Number <u>(608) 244-1788</u>
City, State, Zip Code <u>MADISON, WI 53704</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. min. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>DANE</u>	Original Well Owner (If Known) <u>WISCONSIN AIR NATIONAL GUARD</u>	
<u> </u> 1/4 of <u> </u> 1/4 of Sec. <u> </u> ; T. <u> </u> N. R. <u> </u>	<input type="checkbox"/> E <input type="checkbox"/> W	Present Well Owner <u>SAME</u>	
(If applicable)	Gov't Lot <u> </u> Grid Number <u> </u>	Street or Route	
Grid Location	<u> </u> ft. <input type="checkbox"/> N <input type="checkbox"/> S., <u> </u> ft. <input type="checkbox"/> E. <input type="checkbox"/> W.	City, State, Zip Code <u>MADISON, WI 53704</u>	
Civil Town Name	Street Address of Well	Facility Well No. and/or Name (If Applicable) <u>B-72</u>	WI Unique Well No. <u> </u>
City, Village <u>MADISON, WI</u>	Reason For Abandonment <u>Drilled for collection of soil samples</u>	Date of Abandonment <u>4-15-92</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>7.2</u>	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>4-15-92</u>	Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <u> </u>	Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	Total Well Depth (ft.) <u>10</u> Casing Diameter (ins.) <u> </u>	If No, Explain <u>None used</u>	
Casing Depth (ft.) <u> </u>	Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? <u> </u> Feet	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No	Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
		(5) Required Method of Placing Sealing Material	
		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>	
		(6) Sealing Materials For monitoring wells and monitoring well boreholes only	
		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Chipped Bentonite <input type="checkbox"/> Bentonite-Sand Slurry	

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>Granular Bentonite</u>	<u>Surface</u>	<u>10</u>		<u>2-50 lb. bags</u>

Comments: Drilled w/ 2 1/4" FD, 6 1/4" OD Hollow stem augers

(9) Name of Person or Firm Doing Sealing Work <u>MARK S. McCLOUGH / DAVIS & MOORE</u>	
Signature of Person Doing Work <u>Mark A. McClough</u>	Date Signed <u>4-17-92</u>
Street or Route <u>1846 HOFFMAN ST.</u>	Telephone Number <u>(608) 244-1788</u>
City, State, Zip Code <u>MADISON, WI 53704</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>DANE</u>	Original Well Owner (If Known) <u>WISCONSIN AIR NATIONAL GUARD</u>	
___ 1/4 of ___ 1/4 of Sec. ___ ; T. ___ N. R. ___ <input type="checkbox"/> E <input type="checkbox"/> W (If applicable)		Present Well Owner <u>SAME</u>	
Gov't Lot _____ Grid Number _____		Street or Route _____	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code <u>MADISON, WI 53704</u>	
Civil Town Name _____		Facility Well No. and/or Name (If Applicable) <u>B-73</u>	WI Unique Well No. _____
Street Address of Well _____		Reason For Abandonment <u>Drilled for collection of soil samples</u>	
City, Village <u>MADISON, WI</u>		Date of Abandonment <u>4-14-92</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
(1) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>4-14-92</u>	(4) Depth to Water (Feet) <u>7-3</u>
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>None used</u>
Construction Report Available? <input type="checkbox"/> Yes <input type="checkbox"/> No	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) _____	(5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	(6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Clay-Sand Slurry <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Chipped Bentonite
Total Well Depth (ft.) <u>10</u> Casing Diameter (ins.) <u> </u> (From ground surface)	
Casing Depth (ft.) <u> </u>	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet	

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>Granular Bentonite</u>	<u>Surface</u>	<u>10</u>		<u>2-50 lb. bags</u>

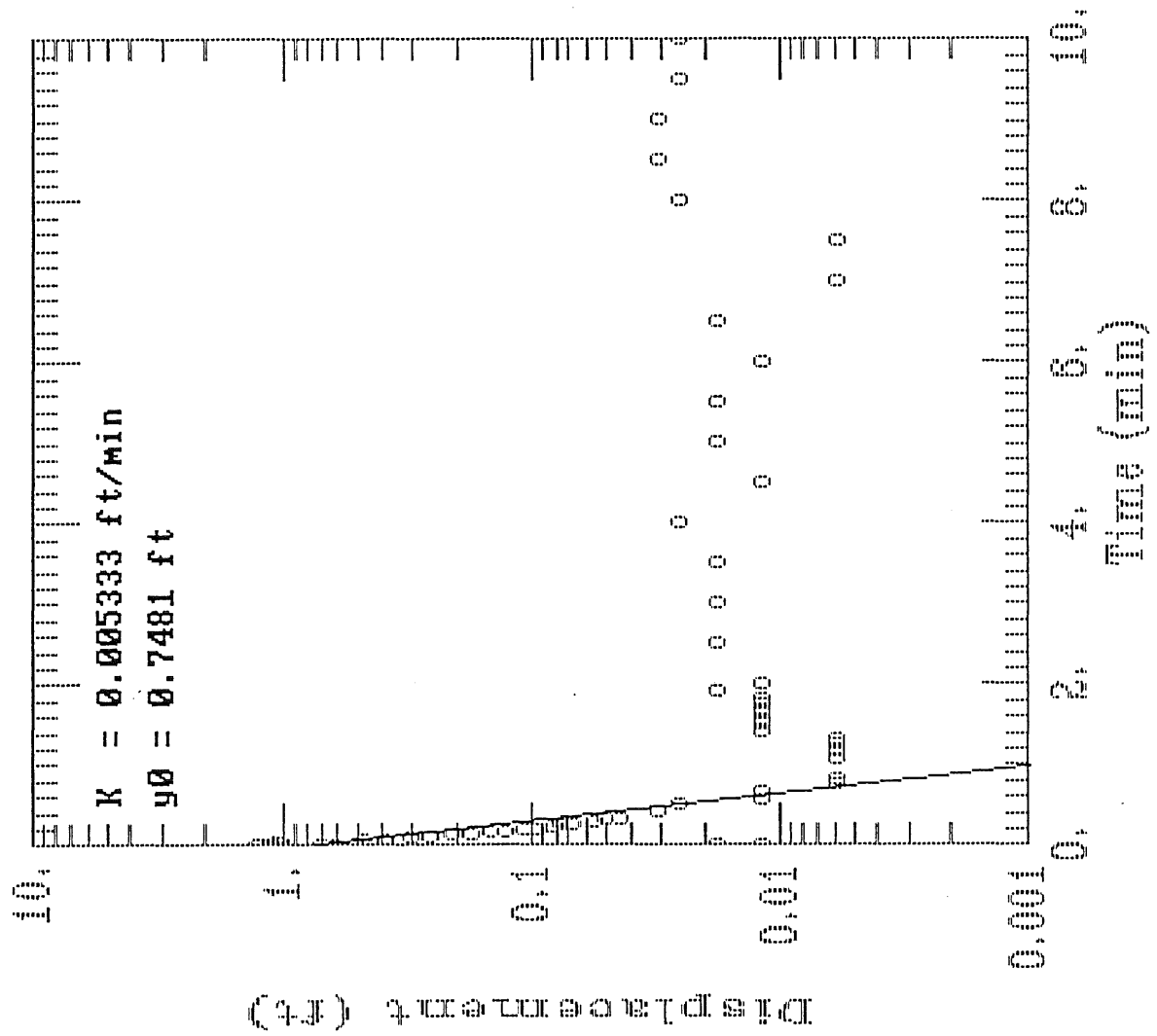
Comments: Drilled w/ 2 1/4" ID, 6 1/4" OD Hollow stem augers

(9) Name of Person or Firm Doing Sealing Work	
<u>MARK S. MCGLOCH / JAMES S. MOORE</u>	
Signature of Person Doing Work <u>Mark S. McGloch</u>	Date Signed <u>4-17-92</u>
Street or Route <u>1846 HOFFMANN ST.</u>	Telephone Number <u>(608) 244-1788</u>
City, State, Zip Code <u>MADISON, WI 53704</u>	

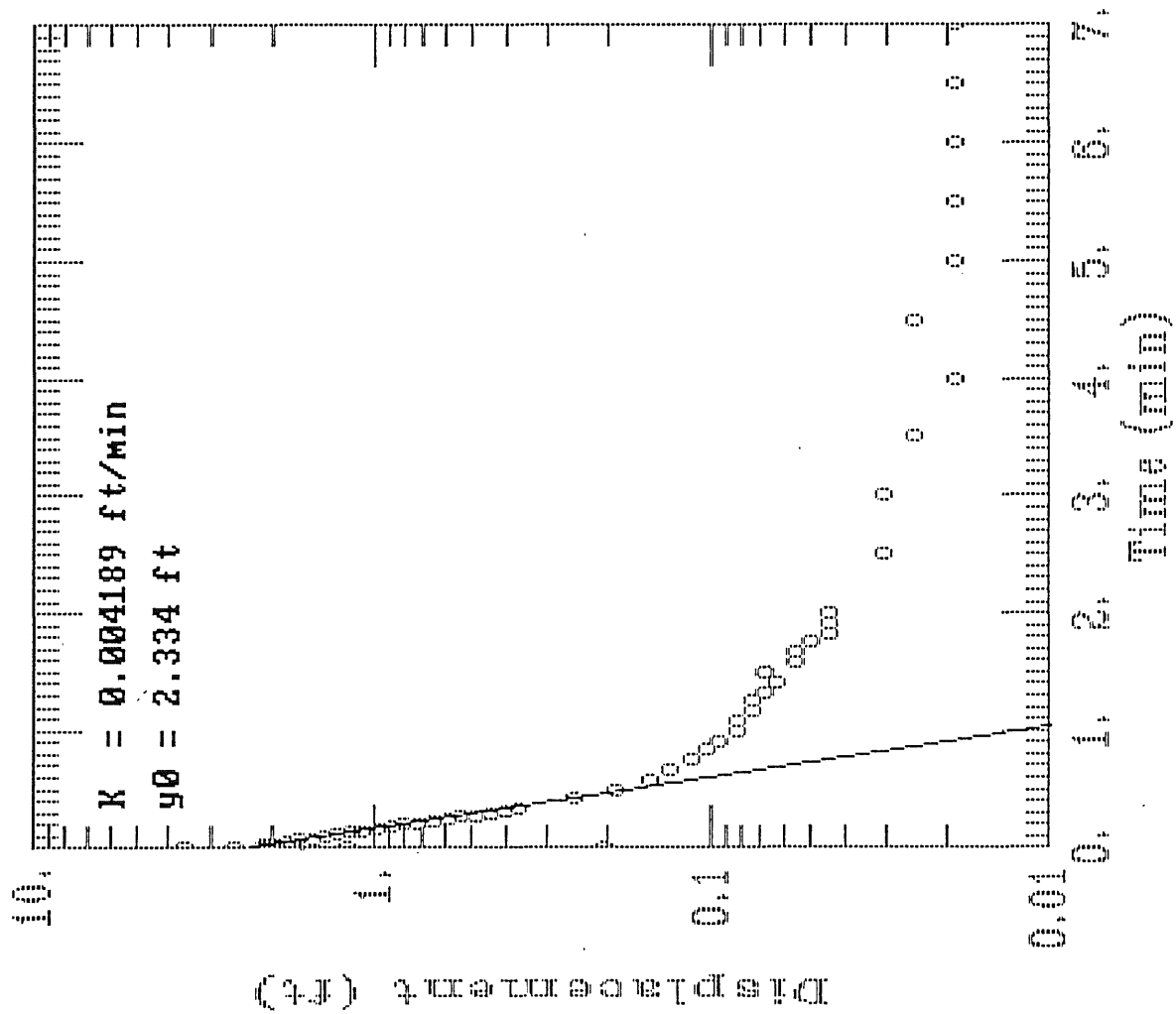
(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

APPENDIX C
SLUG TEST RESULTS

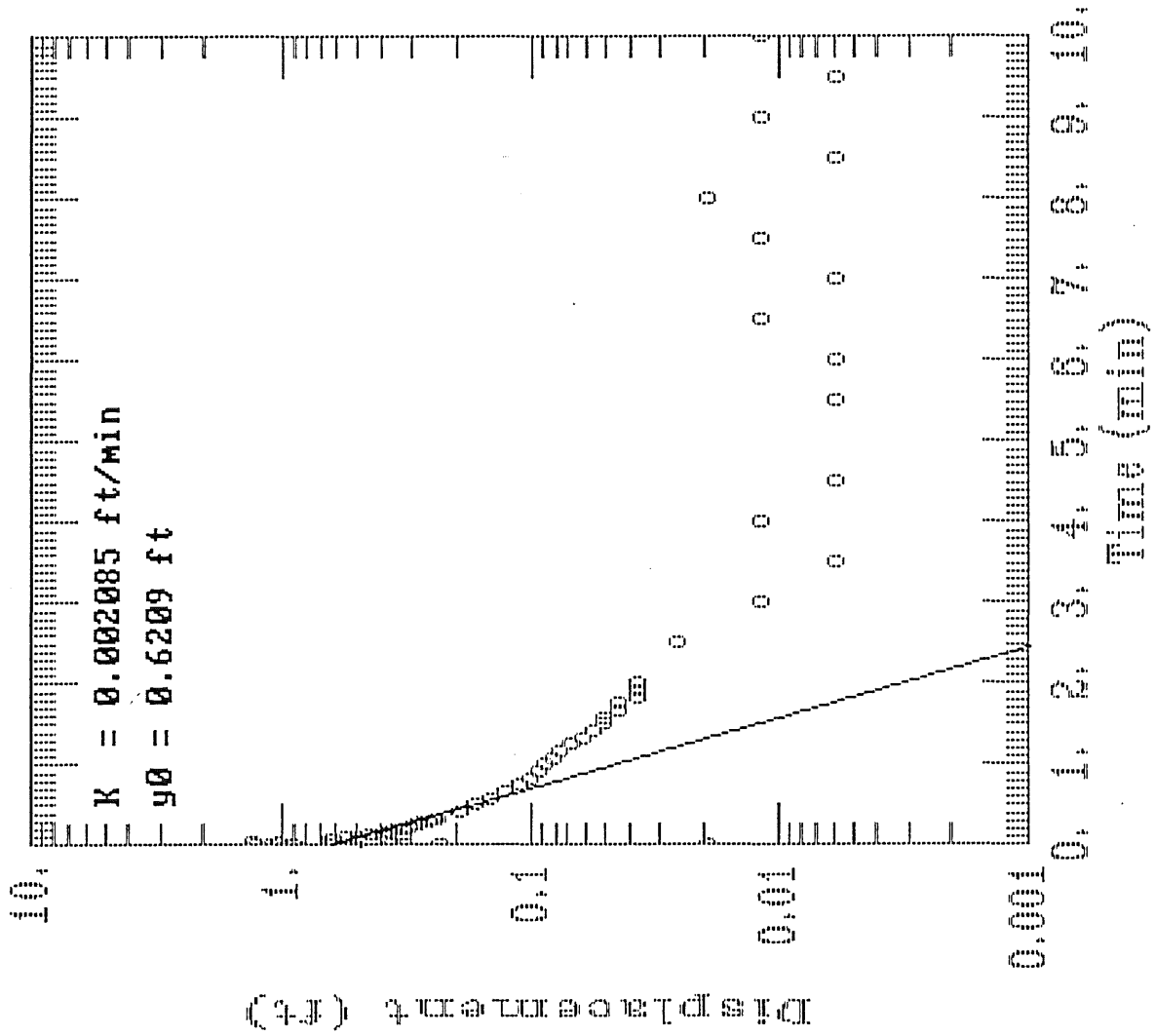
W-20 SLUG IN



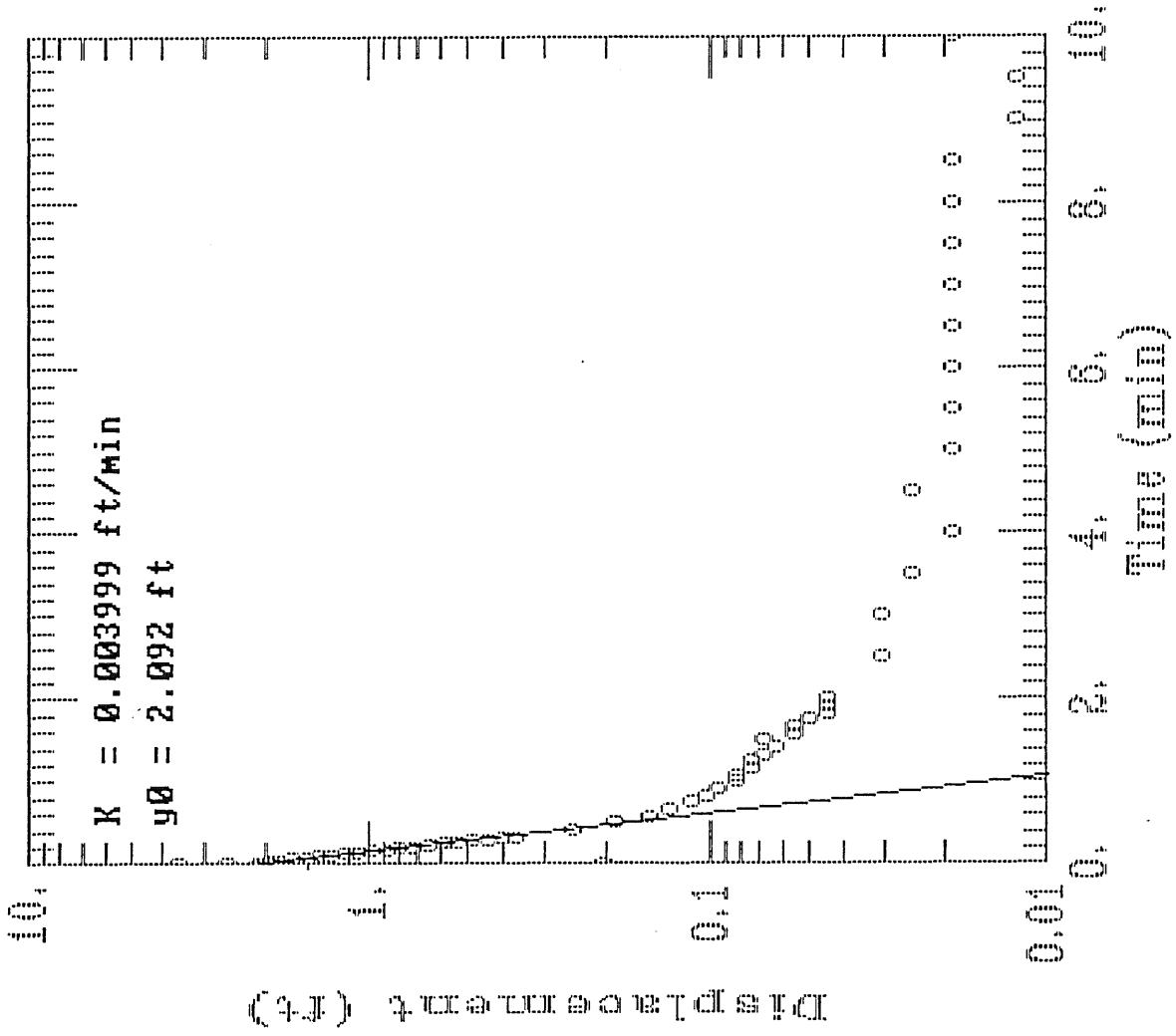
W-20 SLUG OUT



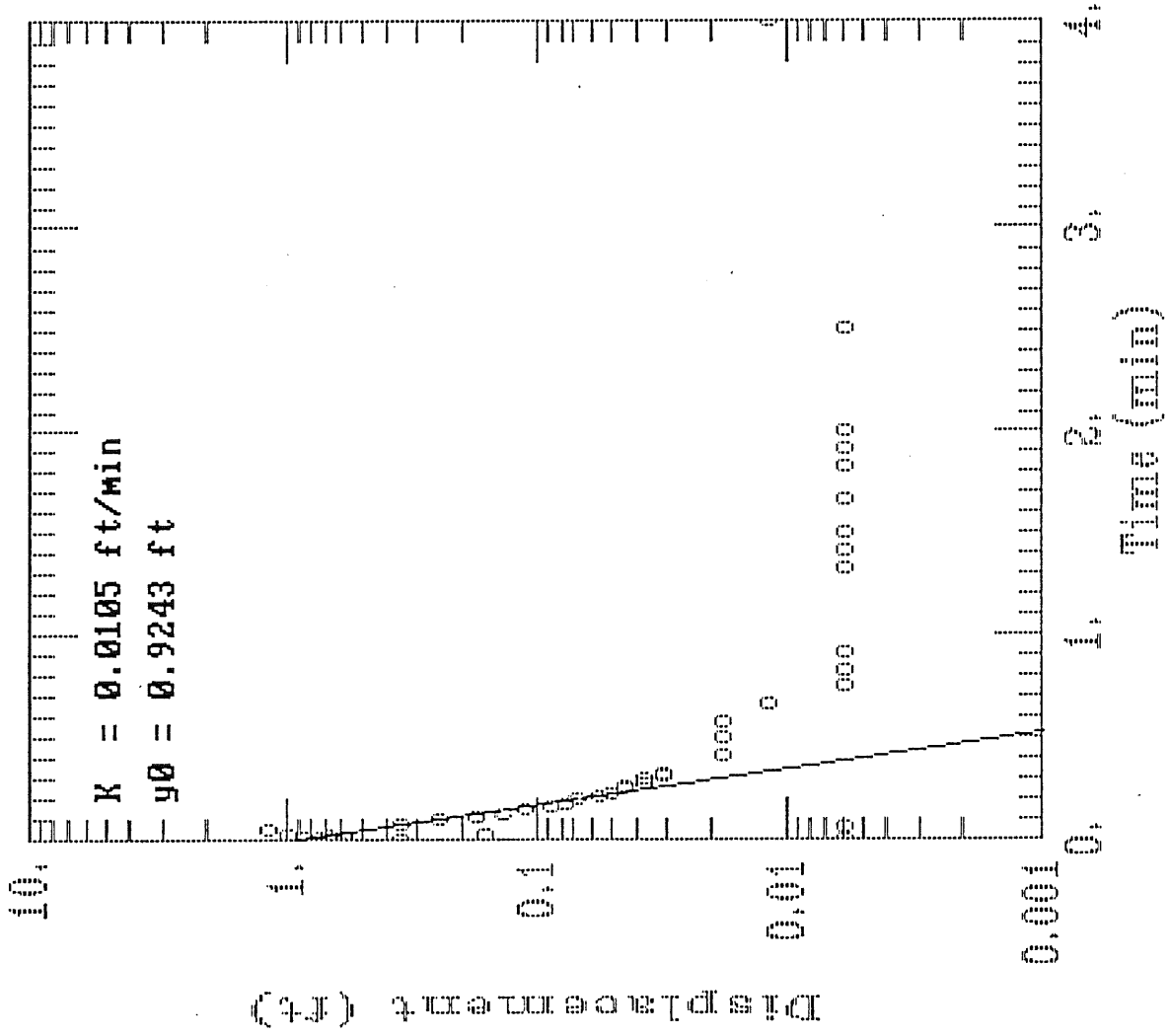
W-21 SLUG IN



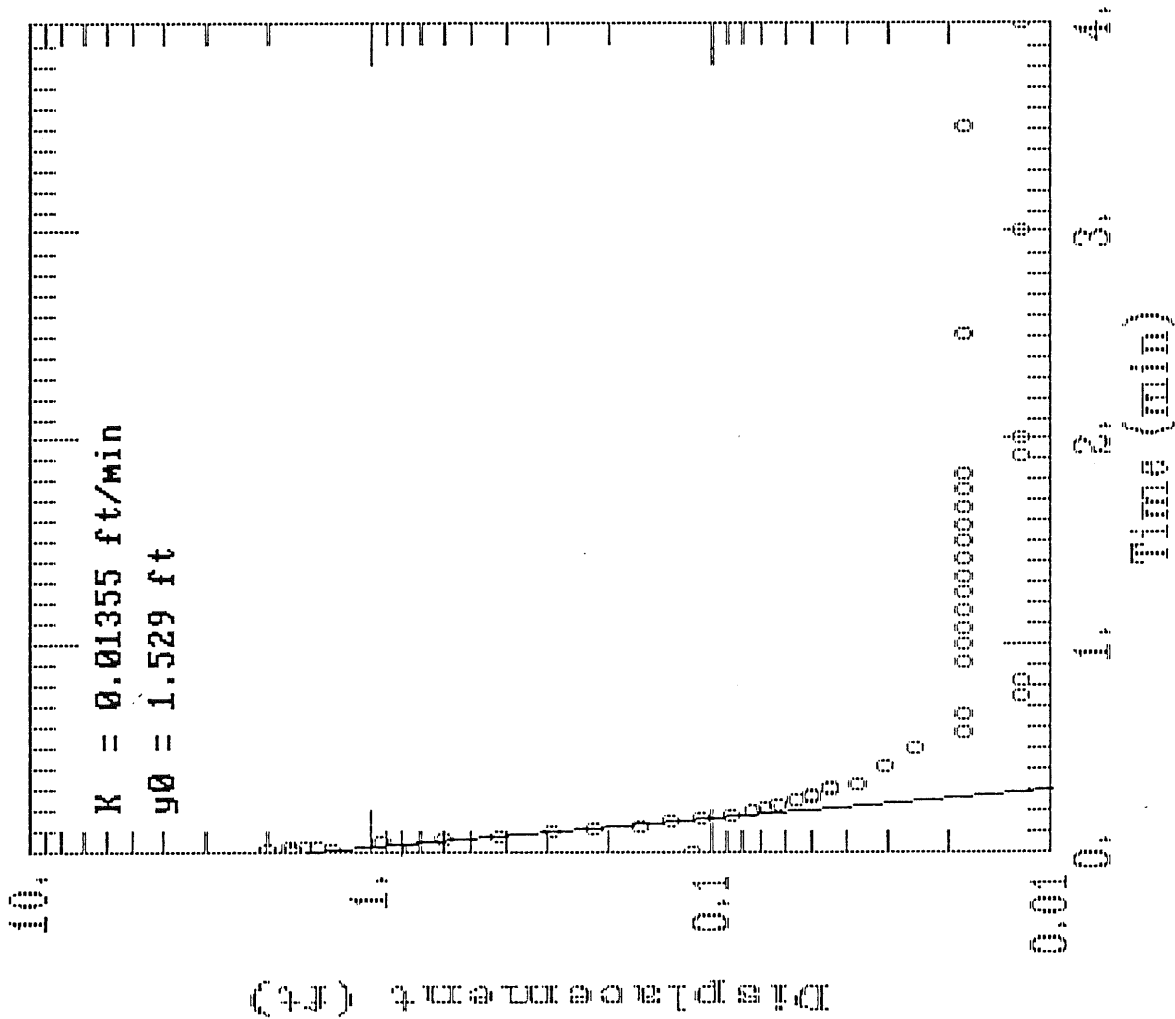
W-21 SLUG OUT



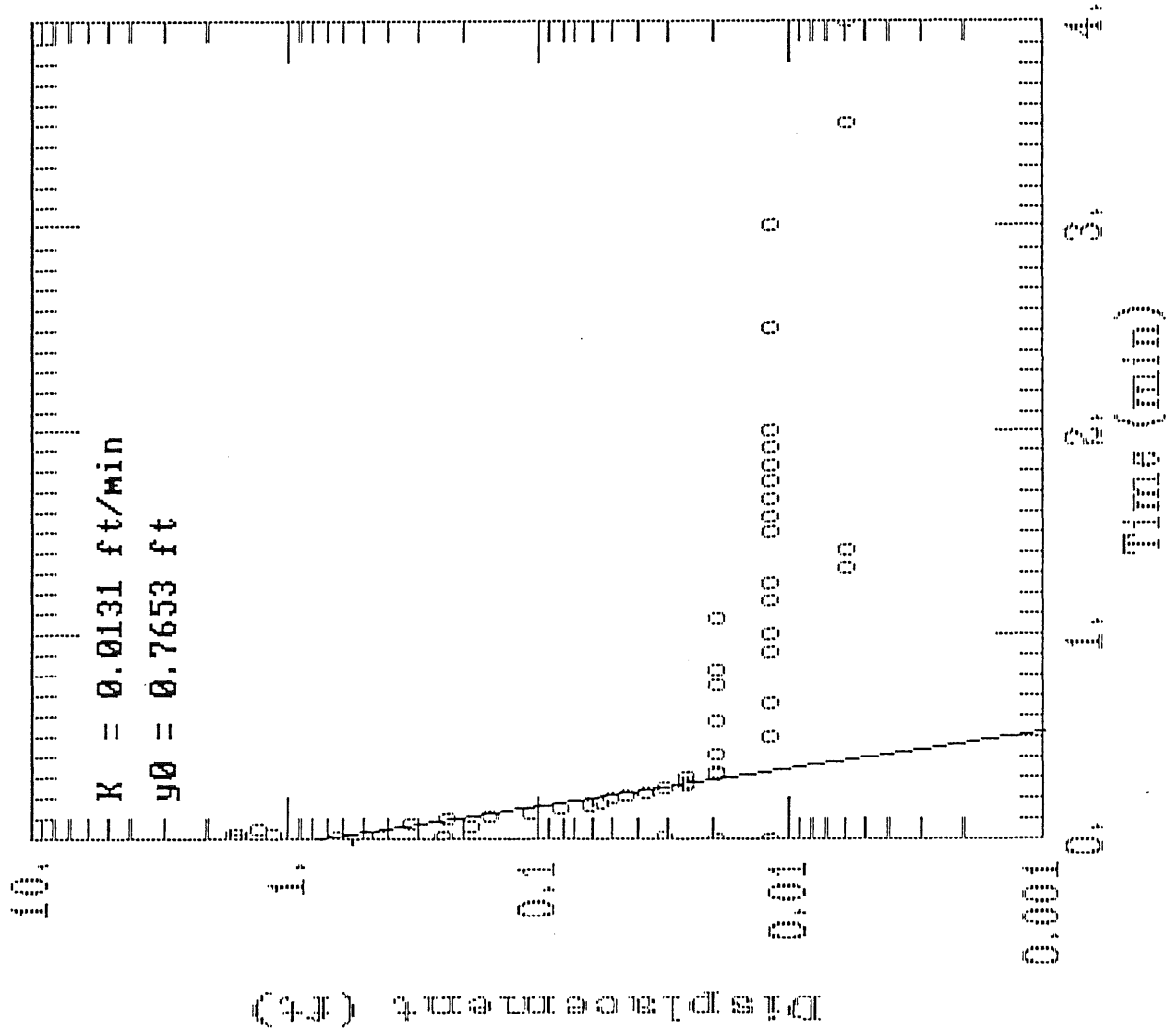
W-22S SLUG IN



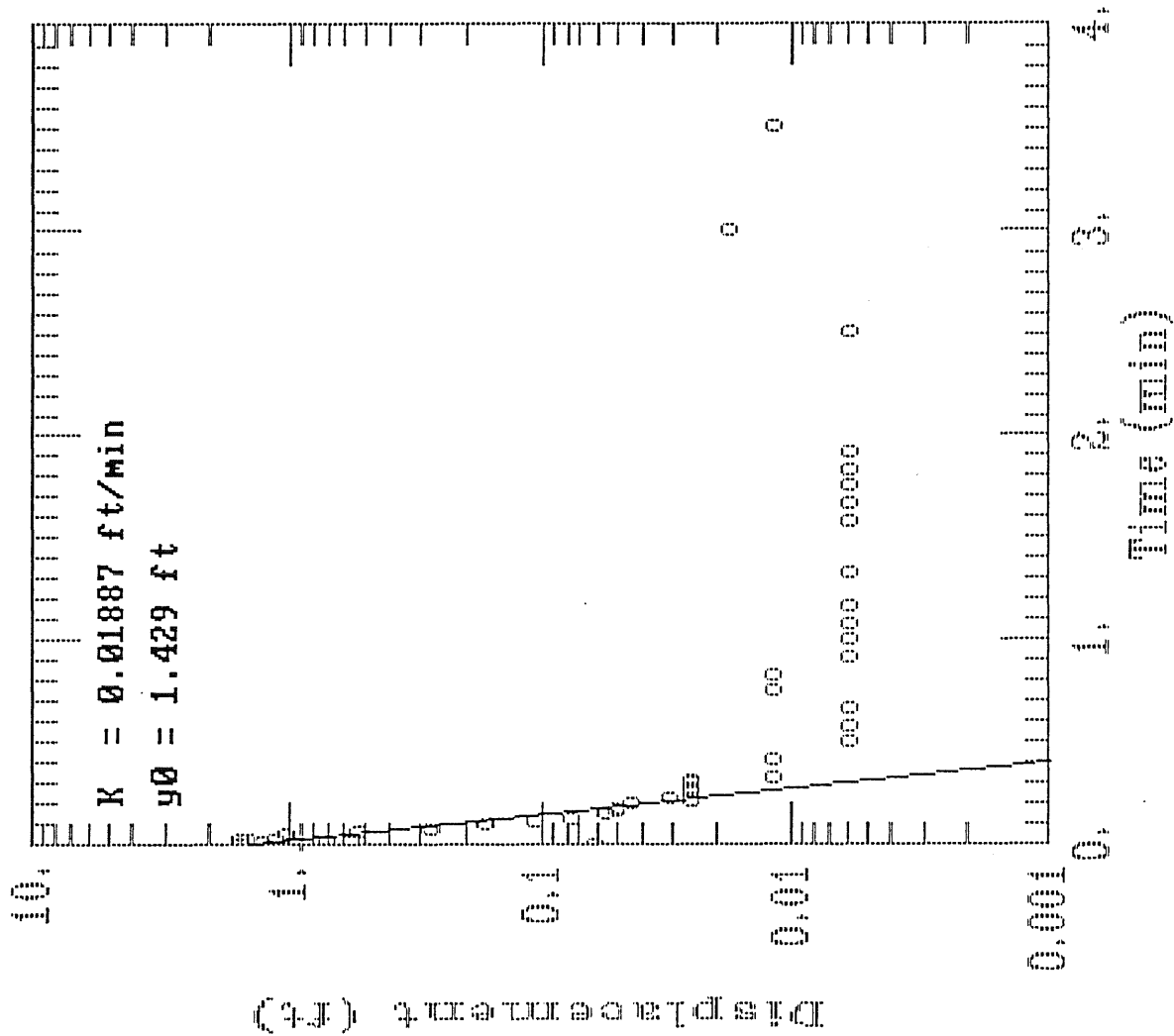
W-22S SLUG OUT



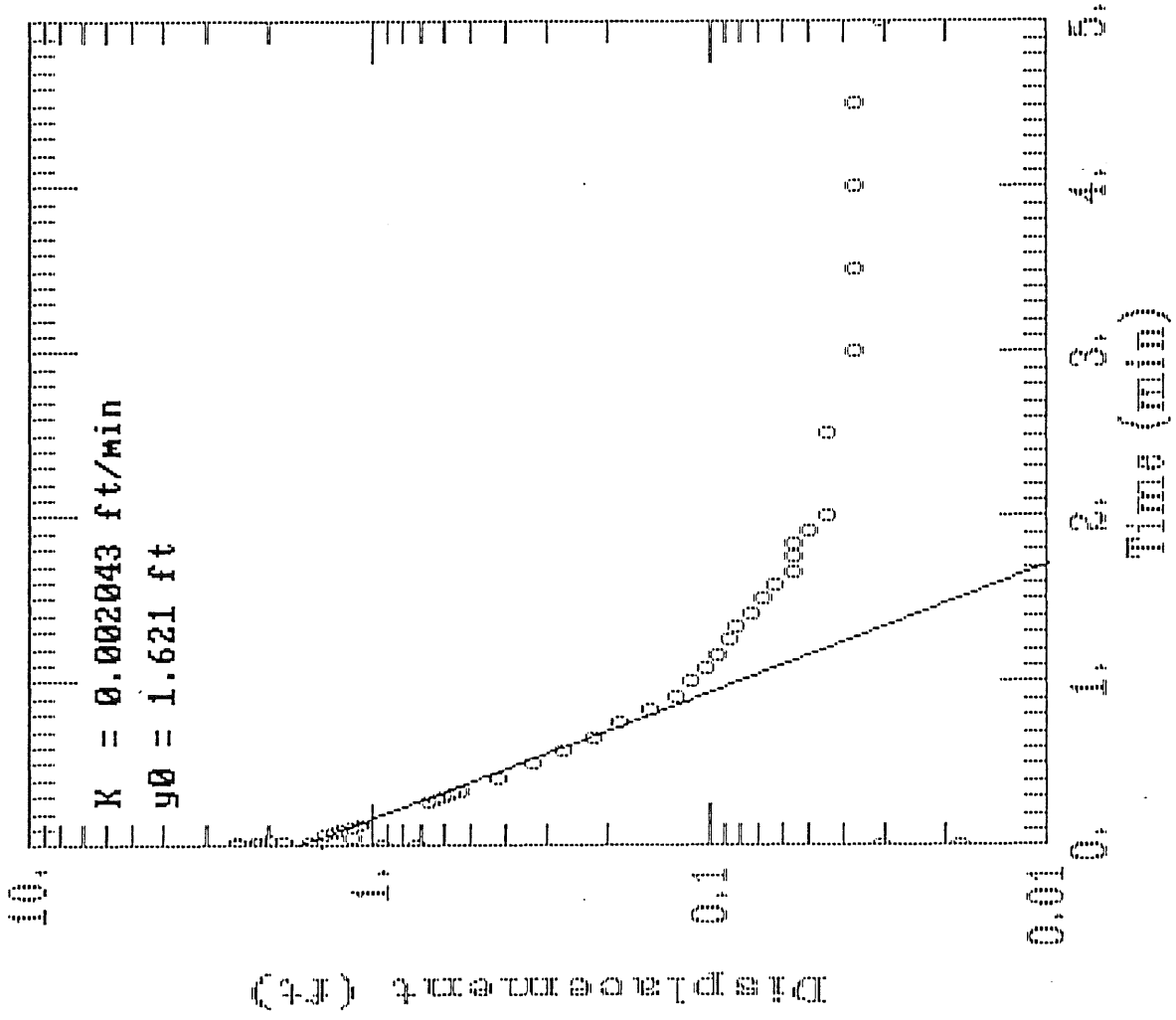
W-22D SLUG IN



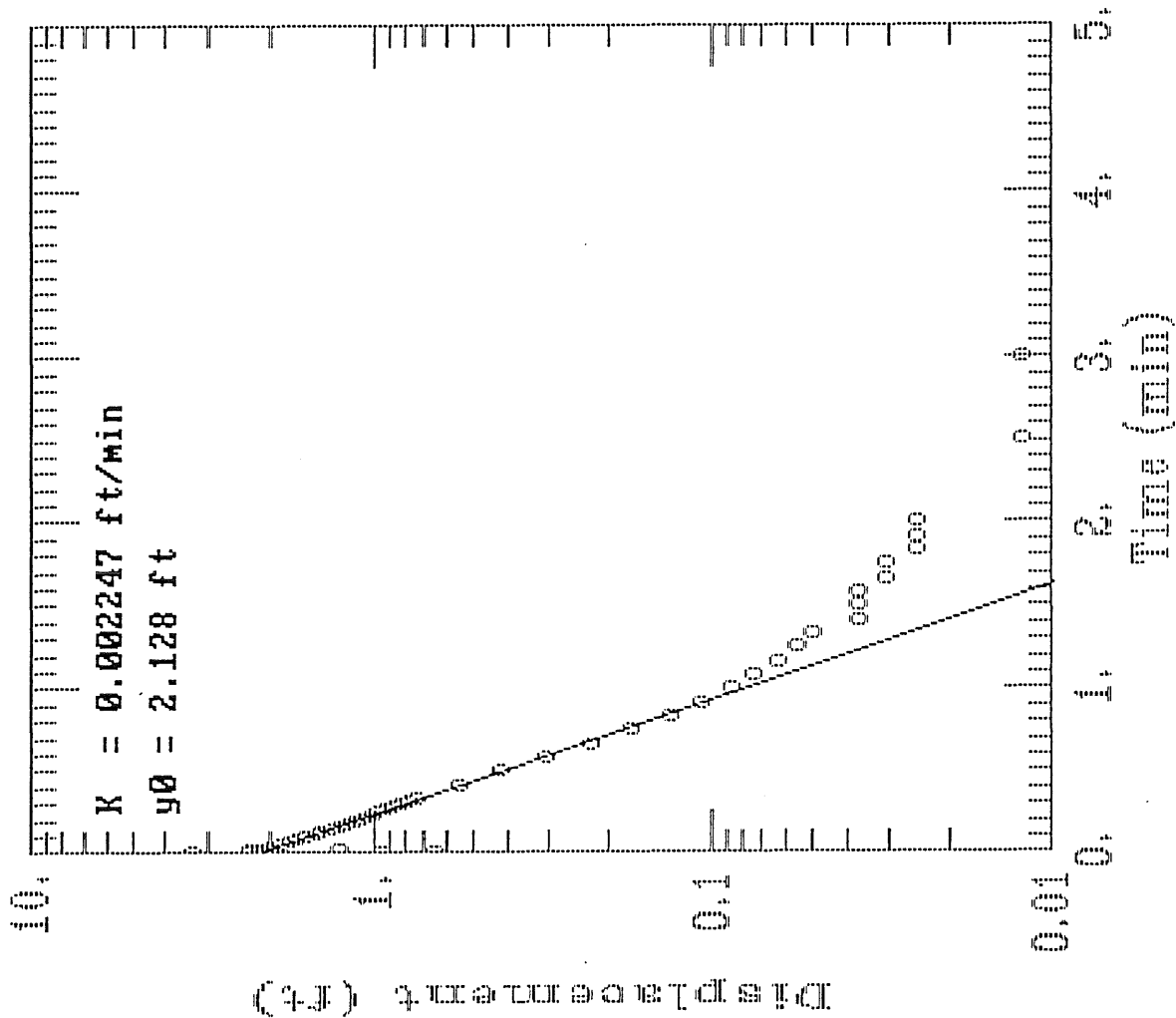
W-22D SLUG OUT



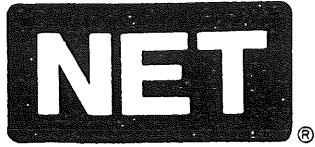
W-23 SLUG IN



W-29 SLUG OUT



APPENDIX D
LABORATORY ANALYSES



NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division
602 Commerce Drive
P.O. Box 288
Watertown, WI 53094
Tel: (414) 261-1660
Fax: (414) 261-8120

CHAIN OF CUSTODY

92.1581 201

Client DAMES & MOORE INC.	Project TRUX - WISCONSIN AR Name NATIONAL GUARD
Send Report to: BOB NAUTA	
Address 1846 HOFFMAN ST., SUITE 101 MADISON, WI 53704	Collected by: MARK S. MCCOLLOCH
Telephone # (608) 244-1788	

Collection Information								Parameters															
Sample ID	Sampling Location	Date	Time	GRAB	COMB	Sample Type	No. of Container	403 glass	VJA														
	B-55 1-2 1/2	4/16	8:22	X		Soil	1	1															
	B-55 6-7 1/2	4/16		X		"	1	1															
UIC/LML Transfer	B-56 1-2 1/2	4/16		X		"	1	1															
	B-56 3 1/2-5	4/16		X		"	1	1															
	B-57 3 1/2-5	4/16		X		"	1	1															
	B-57 6-7 1/2	4/16		X		"	1	1															
	B-58 3 1/2-5	4/16		X		"	1	1															
	B-58 8 1/2-10	4/16		X		"	1	1															
	DUP 1	4/16		X		"	1	1															

Remarks: Method 8010 / and 8020

Relinquished by:	Date Time	Received by:	Date Time
Mark S. McCulloch	4/16/92 7:30 PM	T. Langer	4/17 10:15 am
Shipping Notes/Lab Comments		Received for NET Midwest by:	
		A. Voigt	4/20/92 11:45
Samples Field Filtered:	___ Yes ___ No		
Seals Intact Upon Receipt:	___ Yes ___ No ___ N/A		





NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division
602 Commerce Drive
P.O. Box 288
Watertown, WI 53094
Tel: (414) 261-1660
Fax: (414) 261-8120

92.1581 ¹⁵²

CHAIN OF CUSTODY

Client <u>DAMES & MOORE, INC.</u>	Project <u>TRUAX - AIR NATIONAL</u> Name <u>WISCONSIN AIR NATIONAL GUARD</u>
Send Report to: <u>BOB NAUTA</u>	
Address <u>1846 HOFFMAN ST. SUITE 101 MADISON, WI 53704</u>	Collected by: <u>MARK S. MCCOLLACH</u>
Telephone # <u>(608) 244-1788</u>	

Collection Information							Parameters													
Sample ID	Sampling Location	Date	Time	G R A B	C O M P	No. of Sample of Container	4oz glass VIAL'S													
B-62	3 1/2-5	4/16		X		Soil	1	1												
B-62	6-7 1/2	4/16		X		"	1	1												
B-63	3 1/2-5	4/16		X		"	1	1												
B-63	6-7 1/2	4/16		X		"	1	1												
B-64	1-2 1/2	4/16		X		"	1	1												
B-64	3 1/2-5	4/16		X		"	1	1												

Remarks: Method 8010 and 8020

Relinquished by: <u>Mark S. McCollach</u>	Date	Time	Received by: <u>T. Jaeger</u>	Date	Time
	4/16/92	7:30 PM		4/17	10:15 am

Shipping Notes/Lab Comments	Received for NET Midwest by: <u>Cornel Voigt</u>	Date	Time
		4/20/92	11:45

Samples Field Filtered: Yes No
 Seals Intact Upon Receipt: Yes No N/A





NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

1 of 2

CHAIN OF CUSTODY

92-1568

Client TRUAX DAMES & MOORE, INC.	Project TRUAX - WISCONSIN AIR Name NATIONAL GUARD (WANG)
Send Report to: BOB NAUTA	
Address 1846 HOFFMANN ST, SUITE 101 MADISON, WI 53704	Collected by: MARK S. MCCOLLUM
Telephone # (608) 244-1788	

Collection Information								Parameters														
Sample ID	Sampling Location	Date	Time	G R A B	C O M P	Sample Type	No. of Container	4oz. glass jar														
B-59	3.5-5	4/15		X		Soil	1	1														
B-59	6-7.5	4/15		X		"	1	1														
B-60	3.5-5	4/15		X		"	1	1														
B-60	9.5-10	4/15		X		"	1	1														
B-61	1-1 1/2'	4/15		X		"	1	1														
B-61	3 1/2-5'	4/15		X		"	1	1														
B-65	3 1/2-5'	4/15		X		"	1	1														
B-65	8 1/2-10'	4/15		X		"	1	1														
B-66	3 1/2-5'	4/15		X		"	1	1														

Remarks: Method 8210 / level 8070 analysis

Relinquished by:	Date Time	Received by:	Date Time
MARK S. MCCOLLUM	4/15/02 7:29 AM		

Shipping Notes/Lab Comments	Received for NET Midwest by:
	Jennie May 4/16/02

Samples Field Filtered: ___ Yes ___ No
Seals Intact Upon Receipt: ___ Yes ___ No ___ N/A

32



NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

CHAIN OF CUSTODY

Client TRUAX DANESI MOORE, INC. Send Report to: BOB NAUTA Address 1846 HOFFMANN ST. SUITE 101 MADISON, WI 53704 Telephone # (608) 244-1788	Project TRUAX - WISCONSIN AIR Name NATIONAL GUARD (WANG) Collected by: MARK S. MCCOLLECH
---	---

Collection Information								Parameters											
Sample ID	Sampling Location	Date	Time	G R A B	C O M P	Sample Type	No. of Container	402	403	404	405	406	407	408	409	410	411	412	
B-71	1-2 1/2'	4/15		X		Soil	1	1											
B-71	8 1/2 - 10'	4/15		X		"	1	1											
B-72	1-2 1/2'	4/14		X		"	1	1											
B-72	3 1/2 - 5'	4/14		X		"	1	1											
B-73	1-2 1/2'	4/14		X		"	1	1											
B-73	3 1/2 - 5'	4/14		X		"	1	1											

Remarks: see pg 1

Relinquished by:	Date Time	Received by:	Date Time
MARK S. MCCOLLECH	4/15/02 7:30 PM	Penna May	4/16/02
Shipping Notes/Lab Comments		Received for NET Midwest by:	
Samples Field Filtered: _____ Yes _____ No		Seals Intact Upon Receipt: _____ Yes _____ No _____ N/A	



NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

CHAIN OF CUSTODY

Client TRUAX DAMES & MOORE, INC.	Project TRUAX - WISCONSIN AIR
Send Report to: BOB NAUTA	Name NATIONAL GUARD (WANG)
Address 1846 HOFFMANN ST, SUITE 101 MADISON, WI 53704	Collected by: MARK S. MCCOLLICH
Telephone # (608) 244-1788	

Collection Information								Parameters														
Sample ID	Sampling Location	Date	Time	G R A B	C O M P	Sample Type	No. of Container	4oz Glass VOA														
W-20	5-6 1/2'	4/14		X		Soil	1	1														
W-20	10-11 1/2'	4/14		X		"	1	1														
W-21	2 1/2-4'	4/14		X		"	1	1														
W-21	10-11 1/2'	4/14		X		"	1	1														
W-22D	2 1/2-4'	4/13		X		"	1	1														
W-22D	7 1/2-9'	4/13		X		"	1	1														
W-23	5-6 1/2'	4/15		X		"	1	1														
W-23	10-11 1/2'	4/15		X		"	1	1														

Remarks: See page 1

Relinquished by:	Date	Time	Received by:	Date	Time
MARK S. MCCOLLICH	4/15/92	7:29 PM			

Shipping Notes/Lab Comments	Received for NET Midwest by:
	<p>Received for NET Midwest by: <u>Renai May</u></p> <p>4/16/92</p>
samples Field Filtered: <input type="checkbox"/> Yes <input type="checkbox"/> No seals Intact Upon Receipt: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	



ANALYTICAL REPORT

Mr. Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/20/1992
Job No: 92.1581
Sample No: 43505
Account No: 21400
Page 1

JOB DESCRIPTION: Truax-Wisc Air Nat. Guard
SAMPLE DESCRIPTION: B-55 1-2.5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	89.	%	04/27/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/30/1992
Bromobenzene	<0.1	mg/kg	04/30/1992
Bromochloromethane	<0.1	mg/kg	04/30/1992
Bromodichloromethane	<0.1	mg/kg	04/30/1992
Bromoform	<0.1	mg/kg	04/30/1992
Bromomethane	<0.1	mg/kg	04/30/1992
n-Butylbenzene	<0.1	mg/kg	04/30/1992
sec-Butylbenzene	<0.1	mg/kg	04/30/1992
tert-Butylbenzene	<0.1	mg/kg	04/30/1992
Carbon Tetrachloride	<0.1	mg/kg	04/30/1992
Chlorobenzene	<0.1	mg/kg	04/30/1992
Chlorodibromomethane	<0.1	mg/kg	04/30/1992
Chloroethane	<0.1	mg/kg	04/30/1992
Chloromethane	<0.1	mg/kg	04/30/1992
2-Chlorotoluene	<0.1	mg/kg	04/30/1992
4-Chlorotoluene	<0.1	mg/kg	04/30/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/30/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/30/1992
Dibromomethane	<0.1	mg/kg	04/30/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/30/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethane	<0.1	mg/kg	04/30/1992
1,2-Dichloroethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethene	<0.1	mg/kg	04/30/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
1,2-Dichloropropane	<0.1	mg/kg	04/30/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Mr. Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/20/1992
Job No: 92.1581
Sample No: 43505
Account No: 21400
Page 2

JOB DESCRIPTION: Truax-Wisc. Air Nat. Guard
SAMPLE DESCRIPTION: B-55 1-2.5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/30/1992
2,2-Dichloropropane	<0.1	mg/kg	04/30/1992
1,1-Dichloropropene	<0.1	mg/kg	04/30/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
Ethylbenzene	<0.1	mg/kg	04/30/1992
Hexachlorobutadiene	<0.1	mg/kg	04/30/1992
Isopropylbenzene	<0.1	mg/kg	04/30/1992
p-Isopropyltoluene	<0.1	mg/kg	04/30/1992
Methylene Chloride	<1.0	mg/kg	04/30/1992
Naphthalene	<0.1	mg/kg	04/30/1992
n-Propylbenzene	<0.1	mg/kg	04/30/1992
Styrene	<0.1	mg/kg	04/30/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
Tetrachloroethene	<0.1	mg/kg	04/30/1992
Toluene	<0.1	mg/kg	04/30/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/30/1992
Trichloroethene	<0.1	mg/kg	04/30/1992
Trichlorofluoromethane	<0.1	mg/kg	04/30/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/30/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/30/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/30/1992
Vinyl Chloride	<0.1	mg/kg	04/30/1992
Xylenes, Total	<0.1	mg/kg	04/30/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/30/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Mr. Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/20/1992
Job No: 92.1581
Sample No: 43506
Account No: 21400
Page 3

JOB DESCRIPTION: Truax-Wisc Air Nat. Guard
SAMPLE DESCRIPTION: B-55 6-7.5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	72.	%	04/27/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/30/1992
Bromobenzene	<0.1	mg/kg	04/30/1992
Bromochloromethane	<0.1	mg/kg	04/30/1992
Bromodichloromethane	<0.1	mg/kg	04/30/1992
Bromoform	<0.1	mg/kg	04/30/1992
Bromomethane	<0.1	mg/kg	04/30/1992
n-Butylbenzene	<0.1	mg/kg	04/30/1992
sec-Butylbenzene	<0.1	mg/kg	04/30/1992
tert-Butylbenzene	<0.1	mg/kg	04/30/1992
Carbon Tetrachloride	<0.1	mg/kg	04/30/1992
Chlorobenzene	<0.1	mg/kg	04/30/1992
Chlorodibromomethane	<0.1	mg/kg	04/30/1992
Chloroethane	<0.1	mg/kg	04/30/1992
Chloromethane	<0.1	mg/kg	04/30/1992
2-Chlorotoluene	<0.1	mg/kg	04/30/1992
4-Chlorotoluene	<0.1	mg/kg	04/30/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/30/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/30/1992
Dibromomethane	<0.1	mg/kg	04/30/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/30/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethane	<0.1	mg/kg	04/30/1992
1,2-Dichloroethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethene	<0.1	mg/kg	04/30/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
1,2-Dichloropropane	<0.1	mg/kg	04/30/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



NATIONAL
ENVIRONMENTAL
TESTING, INC.

NET Midwest, Inc.
Watertown Division
602 Commerce Drive
P.O. Box 288
Watertown, WI 53094
Tel: (414) 261-1660
Fax: (414) 261-8120

ANALYTICAL REPORT

Mr. Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/20/1992
Job No: 92.1581
Sample No: 43506
Account No: 21400
Page 4

JOB DESCRIPTION: Truax-Wisc. Air Nat. Guard
SAMPLE DESCRIPTION: B-55 6-7.5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/30/1992
2,2-Dichloropropane	<0.1	mg/kg	04/30/1992
1,1-Dichloropropene	<0.1	mg/kg	04/30/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
Ethylbenzene	<0.1	mg/kg	04/30/1992
Hexachlorobutadiene	<0.1	mg/kg	04/30/1992
Isopropylbenzene	<0.1	mg/kg	04/30/1992
p-Isopropyltoluene	<0.1	mg/kg	04/30/1992
Methylene Chloride	<1.0	mg/kg	04/30/1992
Naphthalene	<0.1	mg/kg	04/30/1992
n-Propylbenzene	<0.1	mg/kg	04/30/1992
Styrene	<0.1	mg/kg	04/30/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
Tetrachloroethene	<0.1	mg/kg	04/30/1992
Toluene	<0.1	mg/kg	04/30/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/30/1992
Trichloroethene	<0.1	mg/kg	04/30/1992
Trichlorofluoromethane	<0.1	mg/kg	04/30/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/30/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/30/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/30/1992
Vinyl Chloride	<0.1	mg/kg	04/30/1992
Xylenes, Total	<0.1	mg/kg	04/30/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/30/1992

David W. Havick, Manager
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ANALYTICAL REPORT

Mr. Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/20/1992
Job No: 92.1581
Sample No: 43507
Account No: 21400
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JOB DESCRIPTION: Truax-Wisc. Air Nat. Guard
SAMPLE DESCRIPTION: B-56 1-2.5 Truax-Wisc Air (Broken)
Sample was broken and transferred to a new container

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	92.	%	04/27/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/30/1992
Bromobenzene	<0.1	mg/kg	04/30/1992
Bromochloromethane	<0.1	mg/kg	04/30/1992
Bromodichloromethane	<0.1	mg/kg	04/30/1992
Bromoform	<0.1	mg/kg	04/30/1992
Bromomethane	<0.1	mg/kg	04/30/1992
n-Butylbenzene	<0.1	mg/kg	04/30/1992
sec-Butylbenzene	<0.1	mg/kg	04/30/1992
tert-Butylbenzene	<0.1	mg/kg	04/30/1992
Carbon Tetrachloride	<0.1	mg/kg	04/30/1992
Chlorobenzene	<0.1	mg/kg	04/30/1992
Chlorodibromomethane	<0.1	mg/kg	04/30/1992
Chloroethane	<0.1	mg/kg	04/30/1992
Chloromethane	<0.1	mg/kg	04/30/1992
2-Chlorotoluene	<0.1	mg/kg	04/30/1992
4-Chlorotoluene	<0.1	mg/kg	04/30/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/30/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/30/1992
Dibromomethane	<0.1	mg/kg	04/30/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/30/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethane	<0.1	mg/kg	04/30/1992
1,2-Dichloroethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethene	<0.1	mg/kg	04/30/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
1,2-Dichloropropane	<0.1	mg/kg	04/30/1992

David W. Havick, Manager
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ANALYTICAL REPORT

Mr. Bob Nauta
DAMES & MOORE
1846 Hoffman Street
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Madison, WI 53704

05/20/1992
Job No: 92.1581
Sample No: 43507
Account No: 21400
Page 6

JOB DESCRIPTION: Truax-Wisc. Air Nat. Guard
SAMPLE DESCRIPTION: B-56 1-2.5 Truax-Wisc Air (Broken)
Sample was broken and transferred to a new container

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/30/1992
2,2-Dichloropropane	<0.1	mg/kg	04/30/1992
1,1-Dichloropropene	<0.1	mg/kg	04/30/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
Ethylbenzene	<0.1	mg/kg	04/30/1992
Hexachlorobutadiene	<0.1	mg/kg	04/30/1992
Isopropylbenzene	<0.1	mg/kg	04/30/1992
p-Isopropyltoluene	<0.1	mg/kg	04/30/1992
Methylene Chloride	<1.0	mg/kg	04/30/1992
Naphthalene	<0.1	mg/kg	04/30/1992
n-Propylbenzene	<0.1	mg/kg	04/30/1992
Styrene	<0.1	mg/kg	04/30/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
Tetrachloroethene	<0.1	mg/kg	04/30/1992
Toluene	<0.1	mg/kg	04/30/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/30/1992
Trichloroethene	<0.1	mg/kg	04/30/1992
Trichlorofluoromethane	<0.1	mg/kg	04/30/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/30/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/30/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/30/1992
Vinyl Chloride	<0.1	mg/kg	04/30/1992
Xylenes, Total	<0.1	mg/kg	04/30/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/30/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Mr. Bob Nauta
DAMES & MOORE
1846 Hoffman Street
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05/20/1992
Job No: 92.1581
Sample No: 43508
Account No: 21400
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JOB DESCRIPTION: Truax-Wisc. Air Nat. Guard
SAMPLE DESCRIPTION: B-56 3.5-5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	80.	%	04/27/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/30/1992
Bromobenzene	<0.1	mg/kg	04/30/1992
Bromochloromethane	<0.1	mg/kg	04/30/1992
Bromodichloromethane	<0.1	mg/kg	04/30/1992
Bromoform	<0.1	mg/kg	04/30/1992
Bromomethane	<0.1	mg/kg	04/30/1992
n-Butylbenzene	<0.1	mg/kg	04/30/1992
sec-Butylbenzene	<0.1	mg/kg	04/30/1992
tert-Butylbenzene	<0.1	mg/kg	04/30/1992
Carbon Tetrachloride	<0.1	mg/kg	04/30/1992
Chlorobenzene	<0.1	mg/kg	04/30/1992
Chlorodibromomethane	<0.1	mg/kg	04/30/1992
Chloroethane	<0.1	mg/kg	04/30/1992
Chloromethane	<0.1	mg/kg	04/30/1992
2-Chlorotoluene	<0.1	mg/kg	04/30/1992
4-Chlorotoluene	<0.1	mg/kg	04/30/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/30/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/30/1992
Dibromomethane	<0.1	mg/kg	04/30/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/30/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethane	<0.1	mg/kg	04/30/1992
1,2-Dichloroethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethene	<0.1	mg/kg	04/30/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
1,2-Dichloropropane	<0.1	mg/kg	04/30/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Mr. Bob Nauta
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05/20/1992
Job No: 92.1581
Sample No: 43508
Account No: 21400
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JOB DESCRIPTION: Truax-Wisc. Air Nat. Guard
SAMPLE DESCRIPTION: B-56 3.5-5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/30/1992
2,2-Dichloropropane	<0.1	mg/kg	04/30/1992
1,1-Dichloropropene	<0.1	mg/kg	04/30/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
Ethylbenzene	<0.1	mg/kg	04/30/1992
Hexachlorobutadiene	<0.1	mg/kg	04/30/1992
Isopropylbenzene	<0.1	mg/kg	04/30/1992
p-Isopropyltoluene	<0.1	mg/kg	04/30/1992
Methylene Chloride	<1.0	mg/kg	04/30/1992
Naphthalene	<0.1	mg/kg	04/30/1992
n-Propylbenzene	<0.1	mg/kg	04/30/1992
Styrene	<0.1	mg/kg	04/30/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
Tetrachloroethene	<0.1	mg/kg	04/30/1992
Toluene	<0.1	mg/kg	04/30/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/30/1992
Trichloroethene	<0.1	mg/kg	04/30/1992
Trichlorofluoromethane	<0.1	mg/kg	04/30/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/30/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/30/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/30/1992
Vinyl Chloride	<0.1	mg/kg	04/30/1992
Xylenes, Total	<0.1	mg/kg	04/30/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/30/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1581
Sample No: 43509
Account No: 21400
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JOB DESCRIPTION: Truax-Wisc. Air Nat. Guard
SAMPLE DESCRIPTION: B-57 3.5-5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	78.	%	04/27/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/30/1992
Bromobenzene	<0.1	mg/kg	04/30/1992
Bromochloromethane	<0.1	mg/kg	04/30/1992
Bromodichloromethane	<0.1	mg/kg	04/30/1992
Bromoform	<0.1	mg/kg	04/30/1992
Bromomethane	<0.1	mg/kg	04/30/1992
n-Butylbenzene	<0.1	mg/kg	04/30/1992
sec-Butylbenzene	<0.1	mg/kg	04/30/1992
tert-Butylbenzene	<0.1	mg/kg	04/30/1992
Carbon Tetrachloride	<0.1	mg/kg	04/30/1992
Chlorobenzene	<0.1	mg/kg	04/30/1992
Chlorodibromomethane	<0.1	mg/kg	04/30/1992
Chloroethane	<0.1	mg/kg	04/30/1992
Chloromethane	<0.1	mg/kg	04/30/1992
2-Chlorotoluene	<0.1	mg/kg	04/30/1992
4-Chlorotoluene	<0.1	mg/kg	04/30/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/30/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/30/1992
Dibromomethane	<0.1	mg/kg	04/30/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/30/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethane	<0.1	mg/kg	04/30/1992
1,2-Dichloroethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethene	<0.1	mg/kg	04/30/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
1,2-Dichloropropane	<0.1	mg/kg	04/30/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Mr. Bob Nauta
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05/20/1992
Job No: 92.1581
Sample No: 43509
Account No: 21400
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JOB DESCRIPTION: Truax-Wisc. Air Nat. Guard
SAMPLE DESCRIPTION: B-57 3.5-5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/30/1992
2,2-Dichloropropane	<0.1	mg/kg	04/30/1992
1,1-Dichloropropene	<0.1	mg/kg	04/30/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
Ethylbenzene	<0.1	mg/kg	04/30/1992
Hexachlorobutadiene	<0.1	mg/kg	04/30/1992
Isopropylbenzene	<0.1	mg/kg	04/30/1992
p-Isopropyltoluene	<0.1	mg/kg	04/30/1992
Methylene Chloride	<1.0	mg/kg	04/30/1992
Naphthalene	<0.1	mg/kg	04/30/1992
n-Propylbenzene	<0.1	mg/kg	04/30/1992
Styrene	<0.1	mg/kg	04/30/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
Tetrachloroethene	<0.1	mg/kg	04/30/1992
Toluene	<0.1	mg/kg	04/30/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/30/1992
Trichloroethene	<0.1	mg/kg	04/30/1992
Trichlorofluoromethane	<0.1	mg/kg	04/30/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/30/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/30/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/30/1992
Vinyl Chloride	<0.1	mg/kg	04/30/1992
Xylenes, Total	<0.1	mg/kg	04/30/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/30/1992

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ANALYTICAL REPORT

Mr. Bob Nauta
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05/20/1992
Job No: 92.1581
Sample No: 43510
Account No: 21400
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JOB DESCRIPTION: Truax-Wisc Air Nat. Guard
SAMPLE DESCRIPTION: B-57 6-7.5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	84.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/30/1992
Bromobenzene	<0.1	mg/kg	04/30/1992
Bromochloromethane	<0.1	mg/kg	04/30/1992
Bromodichloromethane	<0.1	mg/kg	04/30/1992
Bromoform	<0.1	mg/kg	04/30/1992
Bromomethane	<0.1	mg/kg	04/30/1992
n-Butylbenzene	<0.1	mg/kg	04/30/1992
sec-Butylbenzene	<0.1	mg/kg	04/30/1992
tert-Butylbenzene	<0.1	mg/kg	04/30/1992
Carbon Tetrachloride	<0.1	mg/kg	04/30/1992
Chlorobenzene	<0.1	mg/kg	04/30/1992
Chlorodibromomethane	<0.1	mg/kg	04/30/1992
Chloroethane	<0.1	mg/kg	04/30/1992
Chloromethane	<0.1	mg/kg	04/30/1992
2-Chlorotoluene	<0.1	mg/kg	04/30/1992
4-Chlorotoluene	<0.1	mg/kg	04/30/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/30/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/30/1992
Dibromomethane	<0.1	mg/kg	04/30/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/30/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethane	<0.1	mg/kg	04/30/1992
1,2-Dichloroethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethene	<0.1	mg/kg	04/30/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
1,2-Dichloropropane	<0.1	mg/kg	04/30/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Mr. Bob Nauta
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05/20/1992
Job No: 92.1581
Sample No: 43510
Account No: 21400
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JOB DESCRIPTION: Truax-Wisc. Air Nat. Guard
SAMPLE DESCRIPTION: B-57 6-7.5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/30/1992
2,2-Dichloropropane	<0.1	mg/kg	04/30/1992
1,1-Dichloropropene	<0.1	mg/kg	04/30/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
Ethylbenzene	<0.1	mg/kg	04/30/1992
Hexachlorobutadiene	<0.1	mg/kg	04/30/1992
Isopropylbenzene	<0.1	mg/kg	04/30/1992
p-Isopropyltoluene	<0.1	mg/kg	04/30/1992
Methylene Chloride	<1.0	mg/kg	04/30/1992
Naphthalene	<0.1	mg/kg	04/30/1992
n-Propylbenzene	<0.1	mg/kg	04/30/1992
Styrene	<0.1	mg/kg	04/30/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
Tetrachloroethene	<0.1	mg/kg	04/30/1992
Toluene	<0.1	mg/kg	04/30/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/30/1992
Trichloroethene	<0.1	mg/kg	04/30/1992
Trichlorofluoromethane	<0.1	mg/kg	04/30/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/30/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/30/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/30/1992
Vinyl Chloride	<0.1	mg/kg	04/30/1992
Xylenes, Total	<0.1	mg/kg	04/30/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/30/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1581
Sample No: 43511
Account No: 21400
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JOB DESCRIPTION: Truax-Wisc. Air Nat. Guard
SAMPLE DESCRIPTION: B-58 3.5-5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	81.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	05/15/1992
Bromobenzene	<0.1	mg/kg	05/15/1992
Bromochloromethane	<0.1	mg/kg	05/15/1992
Bromodichloromethane	<0.1	mg/kg	05/15/1992
Bromoform	<0.1	mg/kg	05/15/1992
Bromomethane	<0.1	mg/kg	05/15/1992
n-Butylbenzene	<0.1	mg/kg	05/15/1992
sec-Butylbenzene	<0.1	mg/kg	05/15/1992
tert-Butylbenzene	<0.1	mg/kg	05/15/1992
Carbon Tetrachloride	<0.1	mg/kg	05/15/1992
Chlorobenzene	0.11	mg/kg	05/15/1992
Chlorodibromomethane	<0.1	mg/kg	05/15/1992
Chloroethane	<0.1	mg/kg	05/15/1992
Chloromethane	<0.1	mg/kg	05/15/1992
2-Chlorotoluene	<0.1	mg/kg	05/15/1992
4-Chlorotoluene	<0.1	mg/kg	05/15/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	05/15/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	05/15/1992
Dibromomethane	<0.1	mg/kg	05/15/1992
1,2-Dichlorobenzene	<0.1	mg/kg	05/15/1992
1,3-Dichlorobenzene	<0.1	mg/kg	05/15/1992
1,4-Dichlorobenzene	<0.1	mg/kg	05/15/1992
Dichlorodifluoromethane	<0.1	mg/kg	05/15/1992
1,1-Dichloroethane	<0.1	mg/kg	05/15/1992
1,2-Dichloroethane	<0.1	mg/kg	05/15/1992
1,1-Dichloroethene	<0.1	mg/kg	05/15/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	05/15/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	05/15/1992
1,2-Dichloropropane	<0.1	mg/kg	05/15/1992

David W. Havick, Manager
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ANALYTICAL REPORT

Mr. Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/20/1992
Job No: 92.1581
Sample No: 43511
Account No: 21400
Page 14

JOB DESCRIPTION: Truax-Wisc Air Nat. Guard
SAMPLE DESCRIPTION: B-58 3.5-5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	05/15/1992
2,2-Dichloropropane	<0.1	mg/kg	05/15/1992
1,1-Dichloropropene	<0.1	mg/kg	05/15/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	05/15/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	05/15/1992
Ethylbenzene	0.3	mg/kg	05/15/1992
Hexachlorobutadiene	<0.1	mg/kg	05/15/1992
Isopropylbenzene	3.1	mg/kg	05/15/1992
p-Isopropyltoluene	<0.1	mg/kg	05/15/1992
Methylene Chloride	<1.0	mg/kg	05/15/1992
Naphthalene	4.8	mg/kg	05/15/1992
n-Propylbenzene	2.5	mg/kg	05/15/1992
Styrene	<0.1	mg/kg	05/15/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	05/15/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	05/15/1992
Tetrachloroethene	<0.1	mg/kg	05/15/1992
Toluene	<0.1	mg/kg	05/15/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	05/15/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	05/15/1992
1,1,1-Trichloroethane	<0.1	mg/kg	05/15/1992
Trichloroethene	<0.1	mg/kg	05/15/1992
Trichlorofluoromethane	<0.1	mg/kg	05/15/1992
1,2,3-Trichloropropane	<0.1	mg/kg	05/15/1992
1,2,4-Trimethylbenzene	25.	mg/kg	05/15/1992
1,3,5-Trimethylbenzene	12.	mg/kg	05/15/1992
Vinyl Chloride	<0.1	mg/kg	05/15/1992
Xylenes, Total	3.5	mg/kg	05/15/1992
Methyl-t-butyl ether	<0.1	mg/kg	05/15/1992

David W. Havick, Manager
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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1581
Sample No: 43512
Account No: 21400
Page 15

JOB DESCRIPTION: Truax-Wisc. Air Nat. Guard
SAMPLE DESCRIPTION: B-58 8.5-10 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	84.	%	04/27/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/30/1992
Bromobenzene	<0.1	mg/kg	04/30/1992
Bromochloromethane	<0.1	mg/kg	04/30/1992
Bromodichloromethane	<0.1	mg/kg	04/30/1992
Bromoform	<0.1	mg/kg	04/30/1992
Bromomethane	<0.1	mg/kg	04/30/1992
n-Butylbenzene	<0.1	mg/kg	04/30/1992
sec-Butylbenzene	<0.1	mg/kg	04/30/1992
tert-Butylbenzene	<0.1	mg/kg	04/30/1992
Carbon Tetrachloride	<0.1	mg/kg	04/30/1992
Chlorobenzene	<0.1	mg/kg	04/30/1992
Chlorodibromomethane	<0.1	mg/kg	04/30/1992
Chloroethane	<0.1	mg/kg	04/30/1992
Chloromethane	<0.1	mg/kg	04/30/1992
2-Chlorotoluene	<0.1	mg/kg	04/30/1992
4-Chlorotoluene	<0.1	mg/kg	04/30/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/30/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/30/1992
Dibromomethane	<0.1	mg/kg	04/30/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/30/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethane	<0.1	mg/kg	04/30/1992
1,2-Dichloroethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethene	<0.1	mg/kg	04/30/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
1,2-Dichloropropane	<0.1	mg/kg	04/30/1992

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ANALYTICAL REPORT

Mr. Bob Nauta
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05/20/1992
Job No: 92.1581
Sample No: 43512
Account No: 21400
Page 16

JOB DESCRIPTION: Truax-Wisc. Air Nat. Guard
SAMPLE DESCRIPTION: B-58 8.5-10 Truax-Wisc Air

Date Taken: 04/16/1992

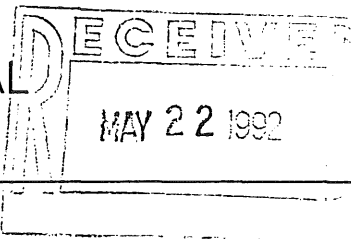
Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/30/1992
2,2-Dichloropropane	<0.1	mg/kg	04/30/1992
1,1-Dichloropropene	<0.1	mg/kg	04/30/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
Ethylbenzene	<0.1	mg/kg	04/30/1992
Hexachlorobutadiene	<0.1	mg/kg	04/30/1992
Isopropylbenzene	<0.1	mg/kg	04/30/1992
p-Isopropyltoluene	<0.1	mg/kg	04/30/1992
Methylene Chloride	<1.0	mg/kg	04/30/1992
Naphthalene	0.2	mg/kg	04/30/1992
n-Propylbenzene	<0.1	mg/kg	04/30/1992
Styrene	<0.1	mg/kg	04/30/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
1,1,2,2-Tétrachloroethane	<0.1	mg/kg	04/30/1992
Tetrachloroethene	<0.1	mg/kg	04/30/1992
Toluene	<0.1	mg/kg	04/30/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/30/1992
Trichloroethene	<0.1	mg/kg	04/30/1992
Trichlorofluoromethane	<0.1	mg/kg	04/30/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/30/1992
1,2,4-Trimethylbenzene	0.2	mg/kg	04/30/1992
1,3,5-Trimethylbenzene	0.3	mg/kg	04/30/1992
Vinyl Chloride	<0.1	mg/kg	04/30/1992
Xylenes, Total	0.1	mg/kg	04/30/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/30/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43423
Account No: 21400
Page 1

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-59 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	79.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/28/1992
Bromobenzene	<0.1	mg/kg	04/28/1992
Bromochloromethane	<0.1	mg/kg	04/28/1992
Bromodichloromethane	<0.1	mg/kg	04/28/1992
Bromoform	<0.1	mg/kg	04/28/1992
Bromomethane	<0.1	mg/kg	04/28/1992
n-Butylbenzene	<0.1	mg/kg	04/28/1992
sec-Butylbenzene	<0.1	mg/kg	04/28/1992
tert-Butylbenzene	<0.1	mg/kg	04/28/1992
Carbon Tetrachloride	<0.1	mg/kg	04/28/1992
Chlorobenzene	0.2	mg/kg	04/28/1992
Chlorodibromomethane	<0.1	mg/kg	04/28/1992
Chloroethane	<0.1	mg/kg	04/28/1992
Chloromethane	<0.1	mg/kg	04/28/1992
2-Chlorotoluene	<0.1	mg/kg	04/28/1992
4-Chlorotoluene	<0.1	mg/kg	04/28/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/28/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/28/1992
Dibromomethane	<0.1	mg/kg	04/28/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/28/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/28/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/28/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/28/1992
1,1-Dichloroethane	<0.1	mg/kg	04/28/1992
1,2-Dichloroethane	<0.1	mg/kg	04/28/1992
1,1-Dichloroethene	<0.1	mg/kg	04/28/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/28/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/28/1992
1,2-Dichloropropane	<0.1	mg/kg	04/28/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43423
Account No: 21400
Page 2

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-59 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/28/1992
2,2-Dichloropropane	<0.1	mg/kg	04/28/1992
1,1-Dichloropropene	<0.1	mg/kg	04/28/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/28/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/28/1992
Ethylbenzene	0.2	mg/kg	04/28/1992
Hexachlorobutadiene	<0.1	mg/kg	04/28/1992
Isopropylbenzene	<0.1	mg/kg	04/28/1992
p-Isopropyltoluene	<0.1	mg/kg	04/28/1992
Methylene Chloride	<1.0	mg/kg	04/28/1992
Naphthalene	<0.1	mg/kg	04/28/1992
n-Propylbenzene	<0.1	mg/kg	04/28/1992
Styrene	<0.1	mg/kg	04/28/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/28/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/28/1992
Tetrachloroethene	<0.1	mg/kg	04/28/1992
Toluene	<0.1	mg/kg	04/28/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/28/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/28/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/28/1992
Trichloroethene	<0.1	mg/kg	04/28/1992
Trichlorofluoromethane	<0.1	mg/kg	04/28/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/28/1992
1,2,4-Trimethylbenzene	1.3	mg/kg	04/28/1992
1,3,5-Trimethylbenzene	0.8	mg/kg	04/28/1992
Vinyl Chloride	<0.1	mg/kg	04/28/1992
Xylenes, Total	0.8	mg/kg	04/28/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/28/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Bob Nauta
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05/20/1992
Job No: 92.1568
Sample No: 43424
Account No: 21400
Page 3

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-59 (6-7.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	89.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<1.0	mg/kg	05/11/1992
Bromobenzene	<1.0	mg/kg	05/11/1992
Bromochloromethane	<1.0	mg/kg	05/11/1992
Bromodichloromethane	<1.0	mg/kg	05/11/1992
Bromoform	<1.0	mg/kg	05/11/1992
Bromomethane	<1.0	mg/kg	05/11/1992
n-Butylbenzene	89.	mg/kg	05/11/1992
sec-Butylbenzene	<1.0	mg/kg	05/11/1992
tert-Butylbenzene	29.	mg/kg	05/11/1992
Carbon Tetrachloride	<1.0	mg/kg	05/11/1992
Chlorobenzene	<1.0	mg/kg	05/11/1992
Chlorodibromomethane	<1.0	mg/kg	05/11/1992
Chloroethane	<1.0	mg/kg	05/11/1992
Chloromethane	<1.0	mg/kg	05/11/1992
2-Chlorotoluene	<1.0	mg/kg	05/11/1992
4-Chlorotoluene	<1.0	mg/kg	05/11/1992
1,2-Dibromo-3-Chloropropane	<1.0	mg/kg	05/11/1992
1,2-Dibromoethane (EDB)	<1.0	mg/kg	05/11/1992
Dibromomethane	<1.0	mg/kg	05/11/1992
1,2-Dichlorobenzene	<1.0	mg/kg	05/11/1992
1,3-Dichlorobenzene	<1.0	mg/kg	05/11/1992
1,4-Dichlorobenzene	<1.0	mg/kg	05/11/1992
Dichlorodifluoromethane	<1.0	mg/kg	05/11/1992
1,1-Dichloroethane	<1.0	mg/kg	05/11/1992
1,2-Dichloroethane	<1.0	mg/kg	05/11/1992
1,1-Dichloroethene	<1.0	mg/kg	05/11/1992
cis-1,2-Dichloroethene	<1.0	mg/kg	05/11/1992
trans-1,2-Dichloroethene	<1.0	mg/kg	05/11/1992
1,2-Dichloropropane	<1.0	mg/kg	05/11/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Bob Nauta
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05/20/1992
Job No: 92.1568
Sample No: 43424
Account No: 21400
Page 4

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-59 (6-7.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<1.0	mg/kg	05/11/1992
2,2-Dichloropropane	<1.0	mg/kg	05/11/1992
1,1-Dichloropropene	<1.0	mg/kg	05/11/1992
cis-1,3-Dichloropropene	<1.0	mg/kg	05/11/1992
trans-1,3-Dichloropropene	<1.0	mg/kg	05/11/1992
Ethylbenzene	20.	mg/kg	05/11/1992
Hexachlorobutadiene	<1.0	mg/kg	05/11/1992
Isopropylbenzene	29.	mg/kg	05/11/1992
p-Isopropyltoluene	<1.0	mg/kg	05/11/1992
Methylene Chloride	<10.	mg/kg	05/11/1992
Naphthalene	8.6	mg/kg	05/11/1992
n-Propylbenzene	55.	mg/kg	05/11/1992
Styrene	<1.0	mg/kg	05/11/1992
1,1,1,2-Tetrachloroethane	<1.0	mg/kg	05/11/1992
1,1,2,2-Tetrachloroethane	<1.0	mg/kg	05/11/1992
Tetrachloroethene	<1.0	mg/kg	05/11/1992
Toluene	<1.0	mg/kg	05/11/1992
1,2,3-Trichlorobenzene	<1.0	mg/kg	05/11/1992
1,2,4-Trichlorobenzene	<1.0	mg/kg	05/11/1992
1,1,1-Trichloroethane	<1.0	mg/kg	05/11/1992
Trichloroethene	<1.0	mg/kg	05/11/1992
Trichlorofluoromethane	<1.0	mg/kg	05/11/1992
1,2,3-Trichloropropane	<1.0	mg/kg	05/11/1992
1,2,4-Trimethylbenzene	159.	mg/kg	05/11/1992
1,3,5-Trimethylbenzene	78.	mg/kg	05/11/1992
Vinyl Chloride	<1.0	mg/kg	05/11/1992
Xylenes, Total	37.	mg/kg	05/11/1992
Methyl-t-butyl ether	<1.0	mg/kg	05/11/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Bob Nauta
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05/20/1992
Job No: 92.1568
Sample No: 43425
Account No: 21400
Page 5

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-60 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	80.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/28/1992
Bromobenzene	<0.1	mg/kg	04/28/1992
Bromochloromethane	<0.1	mg/kg	04/28/1992
Bromodichloromethane	<0.1	mg/kg	04/28/1992
Bromoform	<0.1	mg/kg	04/28/1992
Bromomethane	<0.1	mg/kg	04/28/1992
n-Butylbenzene	<0.1	mg/kg	04/28/1992
sec-Butylbenzene	<0.1	mg/kg	04/28/1992
tert-Butylbenzene	<0.1	mg/kg	04/28/1992
Carbon Tetrachloride	<0.1	mg/kg	04/28/1992
Chlorobenzene	<0.1	mg/kg	04/28/1992
Chlorodibromomethane	<0.1	mg/kg	04/28/1992
Chloroethane	<0.1	mg/kg	04/28/1992
Chloromethane	<0.1	mg/kg	04/28/1992
2-Chlorotoluene	<0.1	mg/kg	04/28/1992
4-Chlorotoluene	<0.1	mg/kg	04/28/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/28/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/28/1992
Dibromomethane	<0.1	mg/kg	04/28/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/28/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/28/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/28/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/28/1992
1,1-Dichloroethane	<0.1	mg/kg	04/28/1992
1,2-Dichloroethane	<0.1	mg/kg	04/28/1992
1,1-Dichloroethene	<0.1	mg/kg	04/28/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/28/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/28/1992
1,2-Dichloropropane	<0.1	mg/kg	04/28/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43425
Account No: 21400
Page 6

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-60 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/28/1992
2,2-Dichloropropane	<0.1	mg/kg	04/28/1992
1,1-Dichloropropene	<0.1	mg/kg	04/28/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/28/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/28/1992
Ethylbenzene	<0.1	mg/kg	04/28/1992
Hexachlorobutadiene	<0.1	mg/kg	04/28/1992
Isopropylbenzene	<0.1	mg/kg	04/28/1992
p-Isopropyltoluene	<0.1	mg/kg	04/28/1992
Methylene Chloride	<1.0	mg/kg	04/28/1992
Naphthalene	<0.1	mg/kg	04/28/1992
n-Propylbenzene	<0.1	mg/kg	04/28/1992
Styrene	<0.1	mg/kg	04/28/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/28/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/28/1992
Tetrachloroethene	<0.1	mg/kg	04/28/1992
Toluene	<0.1	mg/kg	04/28/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/28/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/28/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/28/1992
Trichloroethene	<0.1	mg/kg	04/28/1992
Trichlorofluoromethane	<0.1	mg/kg	04/28/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/28/1992
1,2,4-Trimethylbenzene	0.2	mg/kg	04/28/1992
1,3,5-Trimethylbenzene	0.2	mg/kg	04/28/1992
Vinyl Chloride	<0.1	mg/kg	04/28/1992
Xylenes, Total	0.1	mg/kg	04/28/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/28/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
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05/20/1992
Job No: 92.1568
Sample No: 43426
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-60 (8.5-10')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	82.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/28/1992
Bromobenzene	<0.1	mg/kg	04/28/1992
Bromochloromethane	<0.1	mg/kg	04/28/1992
Bromodichloromethane	<0.1	mg/kg	04/28/1992
Bromoform	<0.1	mg/kg	04/28/1992
Bromomethane	<0.1	mg/kg	04/28/1992
n-Butylbenzene	<0.1	mg/kg	04/28/1992
sec-Butylbenzene	<0.1	mg/kg	04/28/1992
tert-Butylbenzene	<0.1	mg/kg	04/28/1992
Carbon Tetrachloride	<0.1	mg/kg	04/28/1992
Chlorobenzene	<0.1	mg/kg	04/28/1992
Chlorodibromomethane	<0.1	mg/kg	04/28/1992
Chloroethane	<0.1	mg/kg	04/28/1992
Chloromethane	<0.1	mg/kg	04/28/1992
2-Chlorotoluene	<0.1	mg/kg	04/28/1992
4-Chlorotoluene	<0.1	mg/kg	04/28/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/28/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/28/1992
Dibromomethane	<0.1	mg/kg	04/28/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/28/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/28/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/28/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/28/1992
1,1-Dichloroethane	<0.1	mg/kg	04/28/1992
1,2-Dichloroethane	<0.1	mg/kg	04/28/1992
1,1-Dichloroethene	<0.1	mg/kg	04/28/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/28/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/28/1992
1,2-Dichloropropane	<0.1	mg/kg	04/28/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Bob Nauta
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05/20/1992
Job No: 92.1568
Sample No: 43426
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-60 (8.5-10')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/28/1992
2,2-Dichloropropane	<0.1	mg/kg	04/28/1992
1,1-Dichloropropene	<0.1	mg/kg	04/28/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/28/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/28/1992
Ethylbenzene	<0.1	mg/kg	04/28/1992
Hexachlorobutadiene	<0.1	mg/kg	04/28/1992
Isopropylbenzene	<0.1	mg/kg	04/28/1992
p-Isopropyltoluene	<0.1	mg/kg	04/28/1992
Methylene Chloride	<1.0	mg/kg	04/28/1992
Naphthalene	<0.1	mg/kg	04/28/1992
n-Propylbenzene	<0.1	mg/kg	04/28/1992
Styrene	<0.1	mg/kg	04/28/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/28/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/28/1992
Tetrachloroethene	<0.1	mg/kg	04/28/1992
Toluene	<0.1	mg/kg	04/28/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/28/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/28/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/28/1992
Trichloroethene	<0.1	mg/kg	04/28/1992
Trichlorofluoromethane	<0.1	mg/kg	04/28/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/28/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/28/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/28/1992
Vinyl Chloride	<0.1	mg/kg	04/28/1992
Xylenes, Total	<0.1	mg/kg	04/28/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/28/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43427
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-61 (1-1.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	93.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/28/1992
Bromobenzene	<0.1	mg/kg	04/28/1992
Bromochloromethane	<0.1	mg/kg	04/28/1992
Bromodichloromethane	<0.1	mg/kg	04/28/1992
Bromoform	<0.1	mg/kg	04/28/1992
Bromomethane	<0.1	mg/kg	04/28/1992
n-Butylbenzene	<0.1	mg/kg	04/28/1992
sec-Butylbenzene	<0.1	mg/kg	04/28/1992
tert-Butylbenzene	<0.1	mg/kg	04/28/1992
Carbon Tetrachloride	<0.1	mg/kg	04/28/1992
Chlorobenzene	<0.1	mg/kg	04/28/1992
Chlorodibromomethane	<0.1	mg/kg	04/28/1992
Chloroethane	<0.1	mg/kg	04/28/1992
Chloromethane	<0.1	mg/kg	04/28/1992
2-Chlorotoluene	<0.1	mg/kg	04/28/1992
4-Chlorotoluene	<0.1	mg/kg	04/28/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/28/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/28/1992
Dibromomethane	<0.1	mg/kg	04/28/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/28/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/28/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/28/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/28/1992
1,1-Dichloroethane	<0.1	mg/kg	04/28/1992
1,2-Dichloroethane	<0.1	mg/kg	04/28/1992
1,1-Dichloroethene	<0.1	mg/kg	04/28/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/28/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/28/1992
1,2-Dichloropropane	<0.1	mg/kg	04/28/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43427
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-61 (1-1.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/28/1992
2,2-Dichloropropane	<0.1	mg/kg	04/28/1992
1,1-Dichloropropene	<0.1	mg/kg	04/28/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/28/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/28/1992
Ethylbenzene	<0.1	mg/kg	04/28/1992
Hexachlorobutadiene	<0.1	mg/kg	04/28/1992
Isopropylbenzene	<0.1	mg/kg	04/28/1992
p-Isopropyltoluene	<0.1	mg/kg	04/28/1992
Methylene Chloride	<1.0	mg/kg	04/28/1992
Naphthalene	<0.1	mg/kg	04/28/1992
n-Propylbenzene	<0.1	mg/kg	04/28/1992
Styrene	<0.1	mg/kg	04/28/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/28/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/28/1992
Tetrachloroethene	<0.1	mg/kg	04/28/1992
Toluene	<0.1	mg/kg	04/28/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/28/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/28/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/28/1992
Trichloroethene	<0.1	mg/kg	04/28/1992
Trichlorofluoromethane	<0.1	mg/kg	04/28/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/28/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/28/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/28/1992
Vinyl Chloride	<0.1	mg/kg	04/28/1992
Xylenes, Total	<0.1	mg/kg	04/28/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/28/1992

David W. Havick, Manager
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ANALYTICAL REPORT

Bob Nauta
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05/20/1992
Job No: 92.1568
Sample No: 43428
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-61 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	95.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/29/1992
Bromobenzene	<0.1	mg/kg	04/29/1992
Bromochloromethane	<0.1	mg/kg	04/29/1992
Bromodichloromethane	<0.1	mg/kg	04/29/1992
Bromoform	<0.1	mg/kg	04/29/1992
Bromomethane	<0.1	mg/kg	04/29/1992
n-Butylbenzene	<0.1	mg/kg	04/29/1992
sec-Butylbenzene	<0.1	mg/kg	04/29/1992
tert-Butylbenzene	<0.1	mg/kg	04/29/1992
Carbon Tetrachloride	<0.1	mg/kg	04/29/1992
Chlorobenzene	<0.1	mg/kg	04/29/1992
Chlorodibromomethane	<0.1	mg/kg	04/29/1992
Chloroethane	<0.1	mg/kg	04/29/1992
Chloromethane	<0.1	mg/kg	04/29/1992
2-Chlorotoluene	<0.1	mg/kg	04/29/1992
4-Chlorotoluene	<0.1	mg/kg	04/29/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/29/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/29/1992
Dibromomethane	<0.1	mg/kg	04/29/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/29/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/29/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/29/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/29/1992
1,1-Dichloroethane	<0.1	mg/kg	04/29/1992
1,2-Dichloroethane	<0.1	mg/kg	04/29/1992
1,1-Dichloroethene	<0.1	mg/kg	04/29/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/29/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/29/1992
1,2-Dichloropropane	<0.1	mg/kg	04/29/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43428
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-61 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/29/1992
2,2-Dichloropropane	<0.1	mg/kg	04/29/1992
1,1-Dichloropropene	<0.1	mg/kg	04/29/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/29/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/29/1992
Ethylbenzene	<0.1	mg/kg	04/29/1992
Hexachlorobutadiene	<0.1	mg/kg	04/29/1992
Isopropylbenzene	<0.1	mg/kg	04/29/1992
p-Isopropyltoluene	<0.1	mg/kg	04/29/1992
Methylene Chloride	<1.0	mg/kg	04/29/1992
Naphthalene	<0.1	mg/kg	04/29/1992
n-Propylbenzene	<0.1	mg/kg	04/29/1992
Styrene	<0.1	mg/kg	04/29/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/29/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/29/1992
Tetrachloroethene	<0.1	mg/kg	04/29/1992
Toluene	<0.1	mg/kg	04/29/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/29/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/29/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/29/1992
Trichloroethene	<0.1	mg/kg	04/29/1992
Trichlorofluoromethane	<0.1	mg/kg	04/29/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/29/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/29/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/29/1992
Vinyl Chloride	<0.1	mg/kg	04/29/1992
Xylenes, Total	<0.1	mg/kg	04/29/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/29/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

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05/20/1992
Job No: 92.1581
Sample No: 43514
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JOB DESCRIPTION: Truax-Wisc Air Nat. Guard
SAMPLE DESCRIPTION: B-62 3.5-5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	88.	%	04/27/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<1.0	mg/kg	04/30/1992
Bromobenzene	<1.0	mg/kg	04/30/1992
Bromochloromethane	<1.0	mg/kg	04/30/1992
Bromodichloromethane	<1.0	mg/kg	04/30/1992
Bromoform	<1.0	mg/kg	04/30/1992
Bromomethane	<1.0	mg/kg	04/30/1992
n-Butylbenzene	<1.0	mg/kg	04/30/1992
sec-Butylbenzene	<1.0	mg/kg	04/30/1992
tert-Butylbenzene	<1.0	mg/kg	04/30/1992
Carbon Tetrachloride	<1.0	mg/kg	04/30/1992
Chlorobenzene	<1.0	mg/kg	04/30/1992
Chlorodibromomethane	<1.0	mg/kg	04/30/1992
Chloroethane	<1.0	mg/kg	04/30/1992
Chloromethane	<1.0	mg/kg	04/30/1992
2-Chlorotoluene	<1.0	mg/kg	04/30/1992
4-Chlorotoluene	<1.0	mg/kg	04/30/1992
1,2-Dibromo-3-Chloropropane	<1.0	mg/kg	04/30/1992
1,2-Dibromoethane (EDB)	<1.0	mg/kg	04/30/1992
Dibromomethane	<1.0	mg/kg	04/30/1992
1,2-Dichlorobenzene	<1.0	mg/kg	04/30/1992
1,3-Dichlorobenzene	<1.0	mg/kg	04/30/1992
1,4-Dichlorobenzene	<1.0	mg/kg	04/30/1992
Dichlorodifluoromethane	<1.0	mg/kg	04/30/1992
1,1-Dichloroethane	<1.0	mg/kg	04/30/1992
1,2-Dichloroethane	<1.0	mg/kg	04/30/1992
1,1-Dichloroethene	<1.0	mg/kg	04/30/1992
cis-1,2-Dichloroethene	<1.0	mg/kg	04/30/1992
trans-1,2-Dichloroethene	<1.0	mg/kg	04/30/1992
1,2-Dichloropropane	<1.0	mg/kg	04/30/1992

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Watertown Division - Certification No.128053530



ANALYTICAL REPORT

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05/20/1992
Job No: 92.1581
Sample No: 43514
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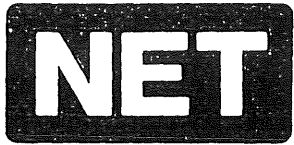
JOB DESCRIPTION: Truax-Wisc. Air Nat. Guard
SAMPLE DESCRIPTION: B-62 3.5-5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<1.0	mg/kg	04/30/1992
2,2-Dichloropropane	<1.0	mg/kg	04/30/1992
1,1-Dichloropropene	<1.0	mg/kg	04/30/1992
cis-1,3-Dichloropropene	<1.0	mg/kg	04/30/1992
trans-1,3-Dichloropropene	<1.0	mg/kg	04/30/1992
Ethylbenzene	4.2	mg/kg	04/30/1992
Hexachlorobutadiene	<1.0	mg/kg	04/30/1992
Isopropylbenzene	<1.0	mg/kg	04/30/1992
p-Isopropyltoluene	<1.0	mg/kg	04/30/1992
Methylene Chloride	<10.	mg/kg	04/30/1992
Naphthalene	6.4	mg/kg	04/30/1992
n-Propylbenzene	<1.0	mg/kg	04/30/1992
Styrene	<1.0	mg/kg	04/30/1992
1,1,1,2-Tetrachloroethane	<1.0	mg/kg	04/30/1992
1,1,2,2-Tetrachloroethane	<1.0	mg/kg	04/30/1992
Tetrachloroethene	<1.0	mg/kg	04/30/1992
Toluene	<1.0	mg/kg	04/30/1992
1,2,3-Trichlorobenzene	<1.0	mg/kg	04/30/1992
1,2,4-Trichlorobenzene	<1.0	mg/kg	04/30/1992
1,1,1-Trichloroethane	<1.0	mg/kg	04/30/1992
Trichloroethene	<1.0	mg/kg	04/30/1992
Trichlorofluoromethane	<1.0	mg/kg	04/30/1992
1,2,3-Trichloropropane	<1.0	mg/kg	04/30/1992
1,2,4-Trimethylbenzene	16.	mg/kg	04/30/1992
1,3,5-Trimethylbenzene	12.	mg/kg	04/30/1992
Vinyl Chloride	<1.0	mg/kg	04/30/1992
Xylenes, Total	14.	mg/kg	04/30/1992
Methyl-t-butyl ether	<1.0	mg/kg	04/30/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

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05/20/1992
Job No: 92.1581
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Account No: 21400
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JOB DESCRIPTION: Truax-Wisc Air Nat. Guard
SAMPLE DESCRIPTION: B-62 6-7.5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	88.	%	04/27/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<1.0	mg/kg	04/30/1992
Bromobenzene	<1.0	mg/kg	04/30/1992
Bromochloromethane	<1.0	mg/kg	04/30/1992
Bromodichloromethane	<1.0	mg/kg	04/30/1992
Bromoform	<1.0	mg/kg	04/30/1992
Bromomethane	<1.0	mg/kg	04/30/1992
n-Butylbenzene	<1.0	mg/kg	04/30/1992
sec-Butylbenzene	<1.0	mg/kg	04/30/1992
tert-Butylbenzene	<1.0	mg/kg	04/30/1992
Carbon Tetrachloride	<1.0	mg/kg	04/30/1992
Chlorobenzene	<1.0	mg/kg	04/30/1992
Chlorodibromomethane	<1.0	mg/kg	04/30/1992
Chloroethane	<1.0	mg/kg	04/30/1992
Chloromethane	<1.0	mg/kg	04/30/1992
2-Chlorotoluene	<1.0	mg/kg	04/30/1992
4-Chlorotoluene	<1.0	mg/kg	04/30/1992
1,2-Dibromo-3-Chloropropane	<1.0	mg/kg	04/30/1992
1,2-Dibromoethane (EDB)	<1.0	mg/kg	04/30/1992
Dibromomethane	<1.0	mg/kg	04/30/1992
1,2-Dichlorobenzene	<1.0	mg/kg	04/30/1992
1,3-Dichlorobenzene	<1.0	mg/kg	04/30/1992
1,4-Dichlorobenzene	<1.0	mg/kg	04/30/1992
Dichlorodifluoromethane	<1.0	mg/kg	04/30/1992
1,1-Dichloroethane	<1.0	mg/kg	04/30/1992
1,2-Dichloroethane	<1.0	mg/kg	04/30/1992
1,1-Dichloroethene	<1.0	mg/kg	04/30/1992
cis-1,2-Dichloroethene	<1.0	mg/kg	04/30/1992
trans-1,2-Dichloroethene	<1.0	mg/kg	04/30/1992
1,2-Dichloropropane	<1.0	mg/kg	04/30/1992

David W. Havick, Manager
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ANALYTICAL REPORT

Mr. Bob Nauta
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1846 Hoffman Street
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05/20/1992
Job No: 92.1581
Sample No: 43515
Account No: 21400
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JOB DESCRIPTION: Truax-Wisc Air Nat. Guard
SAMPLE DESCRIPTION: B-62 6-7.5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<1.0	mg/kg	04/30/1992
2,2-Dichloropropane	<1.0	mg/kg	04/30/1992
1,1-Dichloropropene	<1.0	mg/kg	04/30/1992
cis-1,3-Dichloropropene	<1.0	mg/kg	04/30/1992
trans-1,3-Dichloropropene	<1.0	mg/kg	04/30/1992
Ethylbenzene	6.2	mg/kg	04/30/1992
Hexachlorobutadiene	<1.0	mg/kg	04/30/1992
Isopropylbenzene	<1.0	mg/kg	04/30/1992
p-Isopropyltoluene	<1.0	mg/kg	04/30/1992
Methylene Chloride	<10.	mg/kg	04/30/1992
Naphthalene	8.8	mg/kg	04/30/1992
n-Propylbenzene	<1.0	mg/kg	04/30/1992
Styrene	<1.0	mg/kg	04/30/1992
1,1,1,2-Tetrachloroethane	<1.0	mg/kg	04/30/1992
1,1,2,2-Tetrachloroethane	<1.0	mg/kg	04/30/1992
Tetrachloroethene	<1.0	mg/kg	04/30/1992
Toluene	<1.0	mg/kg	04/30/1992
1,2,3-Trichlorobenzene	<1.0	mg/kg	04/30/1992
1,2,4-Trichlorobenzene	<1.0	mg/kg	04/30/1992
1,1,1-Trichloroethane	<1.0	mg/kg	04/30/1992
Trichloroethene	<1.0	mg/kg	04/30/1992
Trichlorofluoromethane	<1.0	mg/kg	04/30/1992
1,2,3-Trichloropropane	<1.0	mg/kg	04/30/1992
1,2,4-Trimethylbenzene	22.	mg/kg	04/30/1992
1,3,5-Trimethylbenzene	13.	mg/kg	04/30/1992
Vinyl Chloride	<1.0	mg/kg	04/30/1992
Xylenes, Total	15.	mg/kg	04/30/1992
Methyl-t-butyl ether	<1.0	mg/kg	04/30/1992

David W. Havick, Manager
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ANALYTICAL REPORT

Mr. Bob Nauta
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05/20/1992
Job No: 92.1581
Sample No: 43516
Account No: 21400
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JOB DESCRIPTION: Truax-Wisc. Air Nat. Guard
SAMPLE DESCRIPTION: B-63 3.5-5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	89.	%	04/27/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/30/1992
Bromobenzene	<0.1	mg/kg	04/30/1992
Bromochloromethane	<0.1	mg/kg	04/30/1992
Bromodichloromethane	<0.1	mg/kg	04/30/1992
Bromoform	<0.1	mg/kg	04/30/1992
Bromomethane	<0.1	mg/kg	04/30/1992
n-Butylbenzene	<0.1	mg/kg	04/30/1992
sec-Butylbenzene	<0.1	mg/kg	04/30/1992
tert-Butylbenzene	<0.1	mg/kg	04/30/1992
Carbon Tetrachloride	<0.1	mg/kg	04/30/1992
Chlorobenzene	<0.1	mg/kg	04/30/1992
Chlorodibromomethane	<0.1	mg/kg	04/30/1992
Chloroethane	<0.1	mg/kg	04/30/1992
Chloromethane	<0.1	mg/kg	04/30/1992
2-Chlorotoluene	<0.1	mg/kg	04/30/1992
4-Chlorotoluene	<0.1	mg/kg	04/30/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/30/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/30/1992
Dibromomethane	<0.1	mg/kg	04/30/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/30/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethane	<0.1	mg/kg	04/30/1992
1,2-Dichloroethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethene	<0.1	mg/kg	04/30/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
1,2-Dichloropropane	<0.1	mg/kg	04/30/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1581
Sample No: 43516
Account No: 21400
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JOB DESCRIPTION: Truax-Wisc Air Nat. Guard
SAMPLE DESCRIPTION: B-63 3.5-5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/30/1992
2,2-Dichloropropane	<0.1	mg/kg	04/30/1992
1,1-Dichloropropene	<0.1	mg/kg	04/30/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
Ethylbenzene	<0.1	mg/kg	04/30/1992
Hexachlorobutadiene	<0.1	mg/kg	04/30/1992
Isopropylbenzene	<0.1	mg/kg	04/30/1992
p-Isopropyltoluene	<0.1	mg/kg	04/30/1992
Methylene Chloride	<1.0	mg/kg	04/30/1992
Naphthalene	<0.1	mg/kg	04/30/1992
n-Propylbenzene	<0.1	mg/kg	04/30/1992
Styrene	<0.1	mg/kg	04/30/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
Tetrachloroethene	<0.1	mg/kg	04/30/1992
Toluene	<0.1	mg/kg	04/30/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/30/1992
Trichloroethene	<0.1	mg/kg	04/30/1992
Trichlorofluoromethane	<0.1	mg/kg	04/30/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/30/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/30/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/30/1992
Vinyl Chloride	<0.1	mg/kg	04/30/1992
Xylenes, Total	<0.1	mg/kg	04/30/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/30/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1581
Sample No: 43517
Account No: 21400
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JOB DESCRIPTION: Truax-Wisc Air Nat. Guard
SAMPLE DESCRIPTION: B-63 6-7.5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	82.	%	04/27/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/30/1992
Bromobenzene	<0.1	mg/kg	04/30/1992
Bromochloromethane	<0.1	mg/kg	04/30/1992
Bromodichloromethane	<0.1	mg/kg	04/30/1992
Bromoform	<0.1	mg/kg	04/30/1992
Bromomethane	<0.1	mg/kg	04/30/1992
n-Butylbenzene	<0.1	mg/kg	04/30/1992
sec-Butylbenzene	<0.1	mg/kg	04/30/1992
tert-Butylbenzene	<0.1	mg/kg	04/30/1992
Carbon Tetrachloride	<0.1	mg/kg	04/30/1992
Chlorobenzene	<0.1	mg/kg	04/30/1992
Chlorodibromomethane	<0.1	mg/kg	04/30/1992
Chloroethane	<0.1	mg/kg	04/30/1992
Chloromethane	<0.1	mg/kg	04/30/1992
2-Chlorotoluene	<0.1	mg/kg	04/30/1992
4-Chlorotoluene	<0.1	mg/kg	04/30/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/30/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/30/1992
Dibromomethane	<0.1	mg/kg	04/30/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/30/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethane	<0.1	mg/kg	04/30/1992
1,2-Dichloroethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethene	<0.1	mg/kg	04/30/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
1,2-Dichloropropane	<0.1	mg/kg	04/30/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1581
Sample No: 43517
Account No: 21400
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JOB DESCRIPTION: Truax-Wisc Air Nat. Guard
SAMPLE DESCRIPTION: B-63 6-7.5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/30/1992
2,2-Dichloropropane	<0.1	mg/kg	04/30/1992
1,1-Dichloropropene	<0.1	mg/kg	04/30/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
Ethylbenzene	<0.1	mg/kg	04/30/1992
Hexachlorobutadiene	<0.1	mg/kg	04/30/1992
Isopropylbenzene	<0.1	mg/kg	04/30/1992
p-Isopropyltoluene	<0.1	mg/kg	04/30/1992
Methylene Chloride	<1.0	mg/kg	04/30/1992
Naphthalene	<0.1	mg/kg	04/30/1992
n-Propylbenzene	<0.1	mg/kg	04/30/1992
Styrene	<0.1	mg/kg	04/30/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
Tetrachloroethene	<0.1	mg/kg	04/30/1992
Toluene	<0.1	mg/kg	04/30/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/30/1992
Trichloroethene	<0.1	mg/kg	04/30/1992
Trichlorofluoromethane	<0.1	mg/kg	04/30/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/30/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/30/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/30/1992
Vinyl Chloride	<0.1	mg/kg	04/30/1992
Xylenes, Total	<0.1	mg/kg	04/30/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/30/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1581
Sample No: 43518
Account No: 21400
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JOB DESCRIPTION: Truax-Wisc Air Nat. Guard
SAMPLE DESCRIPTION: B-64 1-2.5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	86.	%	04/27/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/30/1992
Bromobenzene	<0.1	mg/kg	04/30/1992
Bromochloromethane	<0.1	mg/kg	04/30/1992
Bromodichloromethane	<0.1	mg/kg	04/30/1992
Bromoform	<0.1	mg/kg	04/30/1992
Bromomethane	<0.1	mg/kg	04/30/1992
n-Butylbenzene	<0.1	mg/kg	04/30/1992
sec-Butylbenzene	<0.1	mg/kg	04/30/1992
tert-Butylbenzene	<0.1	mg/kg	04/30/1992
Carbon Tetrachloride	<0.1	mg/kg	04/30/1992
Chlorobenzene	<0.1	mg/kg	04/30/1992
Chlorodibromomethane	<0.1	mg/kg	04/30/1992
Chloroethane	<0.1	mg/kg	04/30/1992
Chloromethane	<0.1	mg/kg	04/30/1992
2-Chlorotoluene	<0.1	mg/kg	04/30/1992
4-Chlorotoluene	<0.1	mg/kg	04/30/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/30/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/30/1992
Dibromomethane	<0.1	mg/kg	04/30/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/30/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethane	<0.1	mg/kg	04/30/1992
1,2-Dichloroethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethene	<0.1	mg/kg	04/30/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
1,2-Dichloropropane	<0.1	mg/kg	04/30/1992

David W. Havick, Manager
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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1581
Sample No: 43518
Account No: 21400
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JOB DESCRIPTION: Truax-Wisc Air Nat. Guard
SAMPLE DESCRIPTION: B-64 1-2.5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/30/1992
2,2-Dichloropropane	<0.1	mg/kg	04/30/1992
1,1-Dichloropropene	<0.1	mg/kg	04/30/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
Ethylbenzene	<0.1	mg/kg	04/30/1992
Hexachlorobutadiene	<0.1	mg/kg	04/30/1992
Isopropylbenzene	<0.1	mg/kg	04/30/1992
p-Isopropyltoluene	<0.1	mg/kg	04/30/1992
Methylene Chloride	<1.0	mg/kg	04/30/1992
Naphthalene	<0.1	mg/kg	04/30/1992
n-Propylbenzene	<0.1	mg/kg	04/30/1992
Styrene	<0.1	mg/kg	04/30/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
Tetrachloroethene	<0.1	mg/kg	04/30/1992
Toluene	<0.1	mg/kg	04/30/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/30/1992
Trichloroethene	<0.1	mg/kg	04/30/1992
Trichlorofluoromethane	<0.1	mg/kg	04/30/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/30/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/30/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/30/1992
Vinyl Chloride	<0.1	mg/kg	04/30/1992
Xylenes, Total	<0.1	mg/kg	04/30/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/30/1992

David W. Havick, Manager
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ANALYTICAL REPORT

Mr. Bob Nauta
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05/20/1992
Job No: 92.1581
Sample No: 43519
Account No: 21400
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JOB DESCRIPTION: Truax-Wisc Air Nat. Guard
SAMPLE DESCRIPTION: B-64 3.5-5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	93.	%	04/27/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/30/1992
Bromobenzene	<0.1	mg/kg	04/30/1992
Bromochloromethane	<0.1	mg/kg	04/30/1992
Bromodichloromethane	<0.1	mg/kg	04/30/1992
Bromoform	<0.1	mg/kg	04/30/1992
Bromomethane	<0.1	mg/kg	04/30/1992
n-Butylbenzene	<0.1	mg/kg	04/30/1992
sec-Butylbenzene	<0.1	mg/kg	04/30/1992
tert-Butylbenzene	<0.1	mg/kg	04/30/1992
Carbon Tetrachloride	<0.1	mg/kg	04/30/1992
Chlorobenzene	<0.1	mg/kg	04/30/1992
Chlorodibromomethane	<0.1	mg/kg	04/30/1992
Chloroethane	<0.1	mg/kg	04/30/1992
Chloromethane	<0.1	mg/kg	04/30/1992
2-Chlorotoluene	<0.1	mg/kg	04/30/1992
4-Chlorotoluene	<0.1	mg/kg	04/30/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/30/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/30/1992
Dibromomethane	<0.1	mg/kg	04/30/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/30/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethane	<0.1	mg/kg	04/30/1992
1,2-Dichloroethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethene	<0.1	mg/kg	04/30/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
1,2-Dichloropropane	<0.1	mg/kg	04/30/1992

David W. Havick, Manager
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ANALYTICAL REPORT

Mr. Bob Nauta
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05/20/1992
Job No: 92.1581
Sample No: 43519
Account No: 21400
Page 30

JOB DESCRIPTION: Truax-Wisc Air Nat. Guard
SAMPLE DESCRIPTION: B-64 3.5-5 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/30/1992
2,2-Dichloropropane	<0.1	mg/kg	04/30/1992
1,1-Dichloropropene	<0.1	mg/kg	04/30/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/30/1992
Ethylbenzene	<0.1	mg/kg	04/30/1992
Hexachlorobutadiene	<0.1	mg/kg	04/30/1992
Isopropylbenzene	<0.1	mg/kg	04/30/1992
p-Isopropyltoluene	<0.1	mg/kg	04/30/1992
Methylene Chloride	<1.0	mg/kg	04/30/1992
Naphthalene	<0.1	mg/kg	04/30/1992
n-Propylbenzene	<0.1	mg/kg	04/30/1992
Styrene	<0.1	mg/kg	04/30/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
Tetrachloroethene	<0.1	mg/kg	04/30/1992
Toluene	<0.1	mg/kg	04/30/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/30/1992
Trichloroethene	<0.1	mg/kg	04/30/1992
Trichlorofluoromethane	<0.1	mg/kg	04/30/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/30/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/30/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/30/1992
Vinyl Chloride	<0.1	mg/kg	04/30/1992
Xylenes, Total	<0.1	mg/kg	04/30/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/30/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Bob Nauta
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05/20/1992
Job No: 92.1568
Sample No: 43429
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-65 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	91.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/29/1992
Bromobenzene	<0.1	mg/kg	04/29/1992
Bromochloromethane	<0.1	mg/kg	04/29/1992
Bromodichloromethane	<0.1	mg/kg	04/29/1992
Bromoform	<0.1	mg/kg	04/29/1992
Bromomethane	<0.1	mg/kg	04/29/1992
n-Butylbenzene	<0.1	mg/kg	04/29/1992
sec-Butylbenzene	<0.1	mg/kg	04/29/1992
tert-Butylbenzene	<0.1	mg/kg	04/29/1992
Carbon Tetrachloride	<0.1	mg/kg	04/29/1992
Chlorobenzene	<0.1	mg/kg	04/29/1992
Chlorodibromomethane	<0.1	mg/kg	04/29/1992
Chloroethane	<0.1	mg/kg	04/29/1992
Chloromethane	<0.1	mg/kg	04/29/1992
2-Chlorotoluene	<0.1	mg/kg	04/29/1992
4-Chlorotoluene	<0.1	mg/kg	04/29/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/29/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/29/1992
Dibromomethane	<0.1	mg/kg	04/29/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/29/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/29/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/29/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/29/1992
1,1-Dichloroethane	<0.1	mg/kg	04/29/1992
1,2-Dichloroethane	<0.1	mg/kg	04/29/1992
1,1-Dichloroethene	<0.1	mg/kg	04/29/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/29/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/29/1992
1,2-Dichloropropane	<0.1	mg/kg	04/29/1992

David W. Havick, Manager
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ANALYTICAL REPORT

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1846 Hoffman Street
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05/20/1992
Job No: 92.1568
Sample No: 43429
Account No: 21400
Page 14

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-65 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/29/1992
2,2-Dichloropropane	<0.1	mg/kg	04/29/1992
1,1-Dichloropropene	<0.1	mg/kg	04/29/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/29/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/29/1992
Ethylbenzene	<0.1	mg/kg	04/29/1992
Hexachlorobutadiene	<0.1	mg/kg	04/29/1992
Isopropylbenzene	<0.1	mg/kg	04/29/1992
p-Isopropyltoluene	<0.1	mg/kg	04/29/1992
Methylene Chloride	<1.0	mg/kg	04/29/1992
Naphthalene	<0.1	mg/kg	04/29/1992
n-Propylbenzene	<0.1	mg/kg	04/29/1992
Styrene	<0.1	mg/kg	04/29/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/29/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/29/1992
Tetrachloroethene	<0.1	mg/kg	04/29/1992
Toluene	<0.1	mg/kg	04/29/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/29/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/29/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/29/1992
Trichloroethene	<0.1	mg/kg	04/29/1992
Trichlorofluoromethane	<0.1	mg/kg	04/29/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/29/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/29/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/29/1992
Vinyl Chloride	<0.1	mg/kg	04/29/1992
Xylenes, Total	<0.1	mg/kg	04/29/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/29/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43430
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-65 (8.5-10')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	82.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/29/1992
Bromobenzene	<0.1	mg/kg	04/29/1992
Bromochloromethane	<0.1	mg/kg	04/29/1992
Bromodichloromethane	<0.1	mg/kg	04/29/1992
Bromoform	<0.1	mg/kg	04/29/1992
Bromomethane	<0.1	mg/kg	04/29/1992
n-Butylbenzene	<0.1	mg/kg	04/29/1992
sec-Butylbenzene	<0.1	mg/kg	04/29/1992
tert-Butylbenzene	<0.1	mg/kg	04/29/1992
Carbon Tetrachloride	<0.1	mg/kg	04/29/1992
Chlorobenzene	<0.1	mg/kg	04/29/1992
Chlorodibromomethane	<0.1	mg/kg	04/29/1992
Chloroethane	<0.1	mg/kg	04/29/1992
Chloromethane	<0.1	mg/kg	04/29/1992
2-Chlorotoluene	<0.1	mg/kg	04/29/1992
4-Chlorotoluene	<0.1	mg/kg	04/29/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/29/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/29/1992
Dibromomethane	<0.1	mg/kg	04/29/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/29/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/29/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/29/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/29/1992
1,1-Dichloroethane	<0.1	mg/kg	04/29/1992
1,2-Dichloroethane	<0.1	mg/kg	04/29/1992
1,1-Dichloroethene	<0.1	mg/kg	04/29/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/29/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/29/1992
1,2-Dichloropropane	<0.1	mg/kg	04/29/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43430
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-65 (8.5-10')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/29/1992
2,2-Dichloropropane	<0.1	mg/kg	04/29/1992
1,1-Dichloropropene	<0.1	mg/kg	04/29/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/29/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/29/1992
Ethylbenzene	<0.1	mg/kg	04/29/1992
Hexachlorobutadiene	<0.1	mg/kg	04/29/1992
Isopropylbenzene	<0.1	mg/kg	04/29/1992
p-Isopropyltoluene	<0.1	mg/kg	04/29/1992
Methylene Chloride	<1.0	mg/kg	04/29/1992
Naphthalene	<0.1	mg/kg	04/29/1992
n-Propylbenzene	<0.1	mg/kg	04/29/1992
Styrene	<0.1	mg/kg	04/29/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/29/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/29/1992
Tetrachloroethene	<0.1	mg/kg	04/29/1992
Toluene	<0.1	mg/kg	04/29/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/29/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/29/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/29/1992
Trichloroethene	<0.1	mg/kg	04/29/1992
Trichlorofluoromethane	<0.1	mg/kg	04/29/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/29/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/29/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/29/1992
Vinyl Chloride	<0.1	mg/kg	04/29/1992
Xylenes, Total	<0.1	mg/kg	04/29/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/29/1992

David W. Havick, Manager
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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43431
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-66 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	93.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/29/1992
Bromobenzene	<0.1	mg/kg	04/29/1992
Bromochloromethane	<0.1	mg/kg	04/29/1992
Bromodichloromethane	<0.1	mg/kg	04/29/1992
Bromoform	<0.1	mg/kg	04/29/1992
Bromomethane	<0.1	mg/kg	04/29/1992
n-Butylbenzene	<0.1	mg/kg	04/29/1992
sec-Butylbenzene	<0.1	mg/kg	04/29/1992
tert-Butylbenzene	<0.1	mg/kg	04/29/1992
Carbon Tetrachloride	<0.1	mg/kg	04/29/1992
Chlorobenzene	<0.1	mg/kg	04/29/1992
Chlorodibromomethane	<0.1	mg/kg	04/29/1992
Chloroethane	<0.1	mg/kg	04/29/1992
Chloromethane	<0.1	mg/kg	04/29/1992
2-Chlorotoluene	<0.1	mg/kg	04/29/1992
4-Chlorotoluene	<0.1	mg/kg	04/29/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/29/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/29/1992
Dibromomethane	<0.1	mg/kg	04/29/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/29/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/29/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/29/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/29/1992
1,1-Dichloroethane	<0.1	mg/kg	04/29/1992
1,2-Dichloroethane	<0.1	mg/kg	04/29/1992
1,1-Dichloroethene	<0.1	mg/kg	04/29/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/29/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/29/1992
1,2-Dichloropropane	<0.1	mg/kg	04/29/1992

David W. Havick, Manager
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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43431
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-66 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/29/1992
2,2-Dichloropropane	<0.1	mg/kg	04/29/1992
1,1-Dichloropropene	<0.1	mg/kg	04/29/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/29/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/29/1992
Ethylbenzene	<0.1	mg/kg	04/29/1992
Hexachlorobutadiene	<0.1	mg/kg	04/29/1992
Isopropylbenzene	<0.1	mg/kg	04/29/1992
p-Isopropyltoluene	<0.1	mg/kg	04/29/1992
Methylene Chloride	<1.0	mg/kg	04/29/1992
Naphthalene	<0.1	mg/kg	04/29/1992
n-Propylbenzene	<0.1	mg/kg	04/29/1992
Styrene	<0.1	mg/kg	04/29/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/29/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/29/1992
Tetrachloroethene	<0.1	mg/kg	04/29/1992
Toluene	<0.1	mg/kg	04/29/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/29/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/29/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/29/1992
Trichloroethene	<0.1	mg/kg	04/29/1992
Trichlorofluoromethane	<0.1	mg/kg	04/29/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/29/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/29/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/29/1992
Vinyl Chloride	<0.1	mg/kg	04/29/1992
Xylenes, Total	<0.1	mg/kg	04/29/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/29/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43432
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-66 (6-7.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	87.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/29/1992
Bromobenzene	<0.1	mg/kg	04/29/1992
Bromochloromethane	<0.1	mg/kg	04/29/1992
Bromodichloromethane	<0.1	mg/kg	04/29/1992
Bromoform	<0.1	mg/kg	04/29/1992
Bromomethane	<0.1	mg/kg	04/29/1992
n-Butylbenzene	<0.1	mg/kg	04/29/1992
sec-Butylbenzene	<0.1	mg/kg	04/29/1992
tert-Butylbenzene	<0.1	mg/kg	04/29/1992
Carbon Tetrachloride	<0.1	mg/kg	04/29/1992
Chlorobenzene	<0.1	mg/kg	04/29/1992
Chlorodibromomethane	<0.1	mg/kg	04/29/1992
Chloroethane	<0.1	mg/kg	04/29/1992
Chloromethane	<0.1	mg/kg	04/29/1992
2-Chlorotoluene	<0.1	mg/kg	04/29/1992
4-Chlorotoluene	<0.1	mg/kg	04/29/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/29/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/29/1992
Dibromomethane	<0.1	mg/kg	04/29/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/29/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/29/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/29/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/29/1992
1,1-Dichloroethane	<0.1	mg/kg	04/29/1992
1,2-Dichloroethane	<0.1	mg/kg	04/29/1992
1,1-Dichloroethene	<0.1	mg/kg	04/29/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/29/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/29/1992
1,2-Dichloropropane	<0.1	mg/kg	04/29/1992

David W. Havick, Manager
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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43432
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-66 (6-7.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/29/1992
2,2-Dichloropropane	<0.1	mg/kg	04/29/1992
1,1-Dichloropropene	<0.1	mg/kg	04/29/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/29/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/29/1992
Ethylbenzene	<0.1	mg/kg	04/29/1992
Hexachlorobutadiene	<0.1	mg/kg	04/29/1992
Isopropylbenzene	<0.1	mg/kg	04/29/1992
p-Isopropyltoluene	<0.1	mg/kg	04/29/1992
Methylene Chloride	<1.0	mg/kg	04/29/1992
Naphthalene	<0.1	mg/kg	04/29/1992
n-Propylbenzene	<0.1	mg/kg	04/29/1992
Styrene	<0.1	mg/kg	04/29/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/29/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/29/1992
Tetrachloroethene	<0.1	mg/kg	04/29/1992
Toluene	<0.1	mg/kg	04/29/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/29/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/29/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/29/1992
Trichloroethene	<0.1	mg/kg	04/29/1992
Trichlorofluoromethane	<0.1	mg/kg	04/29/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/29/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/29/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/29/1992
Vinyl Chloride	<0.1	mg/kg	04/29/1992
Xylenes, Total	<0.1	mg/kg	04/29/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/29/1992

David W. Havick, Manager
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ANALYTICAL REPORT

Bob Nauta
DAMES & MOORE
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05/20/1992
Job No: 92.1568
Sample No: 43433
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-67 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	91.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/26/1992
Bromobenzene	<0.1	mg/kg	04/26/1992
Bromochloromethane	<0.1	mg/kg	04/26/1992
Bromodichloromethane	<0.1	mg/kg	04/26/1992
Bromoform	<0.1	mg/kg	04/26/1992
Bromomethane	<0.1	mg/kg	04/26/1992
n-Butylbenzene	<0.1	mg/kg	04/26/1992
sec-Butylbenzene	<0.1	mg/kg	04/26/1992
tert-Butylbenzene	<0.1	mg/kg	04/26/1992
Carbon Tetrachloride	<0.1	mg/kg	04/26/1992
Chlorobenzene	<0.1	mg/kg	04/26/1992
Chlorodibromomethane	<0.1	mg/kg	04/26/1992
Chloroethane	<0.1	mg/kg	04/26/1992
Chloromethane	<0.1	mg/kg	04/26/1992
2-Chlorotoluene	<0.1	mg/kg	04/26/1992
4-Chlorotoluene	<0.1	mg/kg	04/26/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/26/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/26/1992
Dibromomethane	<0.1	mg/kg	04/26/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/26/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethane	<0.1	mg/kg	04/26/1992
1,2-Dichloroethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethene	<0.1	mg/kg	04/26/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
1,2-Dichloropropane	<0.1	mg/kg	04/26/1992

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05/20/1992
Job No: 92.1568
Sample No: 43433
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-67 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/26/1992
2,2-Dichloropropane	<0.1	mg/kg	04/26/1992
1,1-Dichloropropene	<0.1	mg/kg	04/26/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
Ethylbenzene	<0.1	mg/kg	04/26/1992
Hexachlorobutadiene	<0.1	mg/kg	04/26/1992
Isopropylbenzene	<0.1	mg/kg	04/26/1992
p-Isopropyltoluene	<0.1	mg/kg	04/26/1992
Methylene Chloride	<1.0	mg/kg	04/26/1992
Naphthalene	<0.1	mg/kg	04/26/1992
n-Propylbenzene	<0.1	mg/kg	04/26/1992
Styrene	<0.1	mg/kg	04/26/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
Tetrachloroethene	<0.1	mg/kg	04/26/1992
Toluene	<0.1	mg/kg	04/26/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/26/1992
Trichloroethene	<0.1	mg/kg	04/26/1992
Trichlorofluoromethane	<0.1	mg/kg	04/26/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/26/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/26/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/26/1992
Vinyl Chloride	<0.1	mg/kg	04/26/1992
Xylenes, Total	<0.1	mg/kg	04/26/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/26/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43434
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-67 (6-7.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	85.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/26/1992
Bromobenzene	<0.1	mg/kg	04/26/1992
Bromochloromethane	<0.1	mg/kg	04/26/1992
Bromodichloromethane	<0.1	mg/kg	04/26/1992
Bromoform	<0.1	mg/kg	04/26/1992
Bromomethane	<0.1	mg/kg	04/26/1992
n-Butylbenzene	<0.1	mg/kg	04/26/1992
sec-Butylbenzene	<0.1	mg/kg	04/26/1992
tert-Butylbenzene	<0.1	mg/kg	04/26/1992
Carbon Tetrachloride	<0.1	mg/kg	04/26/1992
Chlorobenzene	<0.1	mg/kg	04/26/1992
Chlorodibromomethane	<0.1	mg/kg	04/26/1992
Chloroethane	<0.1	mg/kg	04/26/1992
Chloromethane	<0.1	mg/kg	04/26/1992
2-Chlorotoluene	<0.1	mg/kg	04/26/1992
4-Chlorotoluene	<0.1	mg/kg	04/26/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/26/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/26/1992
Dibromomethane	<0.1	mg/kg	04/26/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/26/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethane	<0.1	mg/kg	04/26/1992
1,2-Dichloroethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethene	<0.1	mg/kg	04/26/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
1,2-Dichloropropane	<0.1	mg/kg	04/26/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43434
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-67 (6-7.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/26/1992
2,2-Dichloropropane	<0.1	mg/kg	04/26/1992
1,1-Dichloropropene	<0.1	mg/kg	04/26/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
Ethylbenzene	<0.1	mg/kg	04/26/1992
Hexachlorobutadiene	<0.1	mg/kg	04/26/1992
Isopropylbenzene	<0.1	mg/kg	04/26/1992
p-Isopropyltoluene	<0.1	mg/kg	04/26/1992
Methylene Chloride	<1.0	mg/kg	04/26/1992
Naphthalene	<0.1	mg/kg	04/26/1992
n-Propylbenzene	<0.1	mg/kg	04/26/1992
Styrene	<0.1	mg/kg	04/26/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
Tetrachloroethene	<0.1	mg/kg	04/26/1992
Toluene	<0.1	mg/kg	04/26/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/26/1992
Trichloroethene	<0.1	mg/kg	04/26/1992
Trichlorofluoromethane	<0.1	mg/kg	04/26/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/26/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/26/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/26/1992
Vinyl Chloride	<0.1	mg/kg	04/26/1992
Xylenes, Total	<0.1	mg/kg	04/26/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/26/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43435
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-68 (6-7.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/13/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	80.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	0.2	mg/kg	04/25/1992
Bromobenzene	<0.1	mg/kg	04/25/1992
Bromochloromethane	<0.1	mg/kg	04/25/1992
Bromodichloromethane	<0.1	mg/kg	04/25/1992
Bromoform	<0.1	mg/kg	04/25/1992
Bromomethane	<0.1	mg/kg	04/25/1992
n-Butylbenzene	<0.1	mg/kg	04/25/1992
sec-Butylbenzene	<0.1	mg/kg	04/25/1992
tert-Butylbenzene	<0.1	mg/kg	04/25/1992
Carbon Tetrachloride	<0.1	mg/kg	04/25/1992
Chlorobenzene	<0.1	mg/kg	04/25/1992
Chlorodibromomethane	<0.1	mg/kg	04/25/1992
Chloroethane	<0.1	mg/kg	04/25/1992
Chloromethane	<0.1	mg/kg	04/25/1992
2-Chlorotoluene	<0.1	mg/kg	04/25/1992
4-Chlorotoluene	<0.1	mg/kg	04/25/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/25/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/25/1992
Dibromomethane	<0.1	mg/kg	04/25/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/25/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/25/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/25/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/25/1992
1,1-Dichloroethane	<0.1	mg/kg	04/25/1992
1,2-Dichloroethane	<0.1	mg/kg	04/25/1992
1,1-Dichloroethene	<0.1	mg/kg	04/25/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/25/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/25/1992
1,2-Dichloropropane	<0.1	mg/kg	04/25/1992

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ANALYTICAL REPORT

Bob Nauta
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05/20/1992
Job No: 92.1568
Sample No: 43435
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-68 (6-7.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/13/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/25/1992
2,2-Dichloropropane	<0.1	mg/kg	04/25/1992
1,1-Dichloropropene	<0.1	mg/kg	04/25/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/25/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/25/1992
Ethylbenzene	<0.1	mg/kg	04/25/1992
Hexachlorobutadiene	<0.1	mg/kg	04/25/1992
Isopropylbenzene	<0.1	mg/kg	04/25/1992
p-Isopropyltoluene	<0.1	mg/kg	04/25/1992
Methylene Chloride	<1.0	mg/kg	04/25/1992
Naphthalene	<0.1	mg/kg	04/25/1992
n-Propylbenzene	<0.1	mg/kg	04/25/1992
Styrene	<0.1	mg/kg	04/25/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/25/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/25/1992
Tetrachloroethene	<0.1	mg/kg	04/25/1992
Toluene	<0.1	mg/kg	04/25/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/25/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/25/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/25/1992
Trichloroethene	<0.1	mg/kg	04/25/1992
Trichlorofluoromethane	<0.1	mg/kg	04/25/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/25/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/25/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/25/1992
Vinyl Chloride	<0.1	mg/kg	04/25/1992
Xylenes, Total	<0.1	mg/kg	04/25/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/25/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43436
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-68 (8.5-10')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/13/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	80.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	0.1	mg/kg	04/25/1992
Bromobenzene	<0.1	mg/kg	04/25/1992
Bromochloromethane	<0.1	mg/kg	04/25/1992
Bromodichloromethane	<0.1	mg/kg	04/25/1992
Bromoform	<0.1	mg/kg	04/25/1992
Bromomethane	<0.1	mg/kg	04/25/1992
n-Butylbenzene	<0.1	mg/kg	04/25/1992
sec-Butylbenzene	<0.1	mg/kg	04/25/1992
tert-Butylbenzene	<0.1	mg/kg	04/25/1992
Carbon Tetrachloride	<0.1	mg/kg	04/25/1992
Chlorobenzene	<0.1	mg/kg	04/25/1992
Chlorodibromomethane	<0.1	mg/kg	04/25/1992
Chloroethane	<0.1	mg/kg	04/25/1992
Chloromethane	<0.1	mg/kg	04/25/1992
2-Chlorotoluene	<0.1	mg/kg	04/25/1992
4-Chlorotoluene	<0.1	mg/kg	04/25/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/25/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/25/1992
Dibromomethane	<0.1	mg/kg	04/25/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/25/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/25/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/25/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/25/1992
1,1-Dichloroethane	<0.1	mg/kg	04/25/1992
1,2-Dichloroethane	<0.1	mg/kg	04/25/1992
1,1-Dichloroethene	<0.1	mg/kg	04/25/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/25/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/25/1992
1,2-Dichloropropane	<0.1	mg/kg	04/25/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43436
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-68 (8.5-10')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/13/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/25/1992
2,2-Dichloropropane	<0.1	mg/kg	04/25/1992
1,1-Dichloropropene	<0.1	mg/kg	04/25/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/25/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/25/1992
Ethylbenzene	<0.1	mg/kg	04/25/1992
Hexachlorobutadiene	<0.1	mg/kg	04/25/1992
Isopropylbenzene	<0.1	mg/kg	04/25/1992
p-Isopropyltoluene	<0.1	mg/kg	04/25/1992
Methylene Chloride	<1.0	mg/kg	04/25/1992
Naphthalene	<0.1	mg/kg	04/25/1992
n-Propylbenzene	<0.1	mg/kg	04/25/1992
Styrene	<0.1	mg/kg	04/25/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/25/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/25/1992
Tetrachloroethene	<0.1	mg/kg	04/25/1992
Toluene	<0.1	mg/kg	04/25/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/25/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/25/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/25/1992
Trichloroethene	<0.1	mg/kg	04/25/1992
Trichlorofluoromethane	<0.1	mg/kg	04/25/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/25/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/25/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/25/1992
Vinyl Chloride	<0.1	mg/kg	04/25/1992
Xylenes, Total	0.1	mg/kg	04/25/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/25/1992

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ANALYTICAL REPORT

Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/20/1992
Job No: 92.1568
Sample No: 43437
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-69 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/13/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	89.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/25/1992
Bromobenzene	<0.1	mg/kg	04/25/1992
Bromochloromethane	<0.1	mg/kg	04/25/1992
Bromodichloromethane	<0.1	mg/kg	04/25/1992
Bromoform	<0.1	mg/kg	04/25/1992
Bromomethane	<0.1	mg/kg	04/25/1992
n-Butylbenzene	<0.1	mg/kg	04/25/1992
sec-Butylbenzene	<0.1	mg/kg	04/25/1992
tert-Butylbenzene	<0.1	mg/kg	04/25/1992
Carbon Tetrachloride	<0.1	mg/kg	04/25/1992
Chlorobenzene	<0.1	mg/kg	04/25/1992
Chlorodibromomethane	<0.1	mg/kg	04/25/1992
Chloroethane	<0.1	mg/kg	04/25/1992
Chloromethane	<0.1	mg/kg	04/25/1992
2-Chlorotoluene	<0.1	mg/kg	04/25/1992
4-Chlorotoluene	<0.1	mg/kg	04/25/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/25/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/25/1992
Dibromomethane	<0.1	mg/kg	04/25/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/25/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/25/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/25/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/25/1992
1,1-Dichloroethane	<0.1	mg/kg	04/25/1992
1,2-Dichloroethane	<0.1	mg/kg	04/25/1992
1,1-Dichloroethene	<0.1	mg/kg	04/25/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/25/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/25/1992
1,2-Dichloropropane	<0.1	mg/kg	04/25/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43437
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-69 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/13/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/25/1992
2,2-Dichloropropane	<0.1	mg/kg	04/25/1992
1,1-Dichloropropene	<0.1	mg/kg	04/25/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/25/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/25/1992
Ethylbenzene	<0.1	mg/kg	04/25/1992
Hexachlorobutadiene	<0.1	mg/kg	04/25/1992
Isopropylbenzene	<0.1	mg/kg	04/25/1992
p-Isopropyltoluene	<0.1	mg/kg	04/25/1992
Methylene Chloride	<1.0	mg/kg	04/25/1992
Naphthalene	<0.1	mg/kg	04/25/1992
n-Propylbenzene	<0.1	mg/kg	04/25/1992
Styrene	<0.1	mg/kg	04/25/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/25/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/25/1992
Tetrachloroethene	<0.1	mg/kg	04/25/1992
Toluene	<0.1	mg/kg	04/25/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/25/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/25/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/25/1992
Trichloroethene	<0.1	mg/kg	04/25/1992
Trichlorofluoromethane	<0.1	mg/kg	04/25/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/25/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/25/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/25/1992
Vinyl Chloride	<0.1	mg/kg	04/25/1992
Xylenes, Total	<0.1	mg/kg	04/25/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/25/1992

David W. Havick, Manager
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ANALYTICAL REPORT

Bob Nauta
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05/20/1992
Job No: 92.1568
Sample No: 43438
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-69 (6-7.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/13/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	86.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/25/1992
Bromobenzene	<0.1	mg/kg	04/25/1992
Bromochloromethane	<0.1	mg/kg	04/25/1992
Bromodichloromethane	<0.1	mg/kg	04/25/1992
Bromoform	<0.1	mg/kg	04/25/1992
Bromomethane	<0.1	mg/kg	04/25/1992
n-Butylbenzene	<0.1	mg/kg	04/25/1992
sec-Butylbenzene	<0.1	mg/kg	04/25/1992
tert-Butylbenzene	<0.1	mg/kg	04/25/1992
Carbon Tetrachloride	<0.1	mg/kg	04/25/1992
Chlorobenzene	<0.1	mg/kg	04/25/1992
Chlorodibromomethane	<0.1	mg/kg	04/25/1992
Chloroethane	<0.1	mg/kg	04/25/1992
Chloromethane	<0.1	mg/kg	04/25/1992
2-Chlorotoluene	<0.1	mg/kg	04/25/1992
4-Chlorotoluene	<0.1	mg/kg	04/25/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/25/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/25/1992
Dibromomethane	<0.1	mg/kg	04/25/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/25/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/25/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/25/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/25/1992
1,1-Dichloroethane	<0.1	mg/kg	04/25/1992
1,2-Dichloroethane	<0.1	mg/kg	04/25/1992
1,1-Dichloroethene	<0.1	mg/kg	04/25/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/25/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/25/1992
1,2-Dichloropropane	<0.1	mg/kg	04/25/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43438
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-69 (6-7.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/13/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/25/1992
2,2-Dichloropropane	<0.1	mg/kg	04/25/1992
1,1-Dichloropropene	<0.1	mg/kg	04/25/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/25/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/25/1992
Ethylbenzene	<0.1	mg/kg	04/25/1992
Hexachlorobutadiene	<0.1	mg/kg	04/25/1992
Isopropylbenzene	<0.1	mg/kg	04/25/1992
p-Isopropyltoluene	<0.1	mg/kg	04/25/1992
Methylene Chloride	<1.0	mg/kg	04/25/1992
Naphthalene	<0.1	mg/kg	04/25/1992
n-Propylbenzene	<0.1	mg/kg	04/25/1992
Styrene	<0.1	mg/kg	04/25/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/25/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/25/1992
Tetrachloroethene	<0.1	mg/kg	04/25/1992
Toluene	<0.1	mg/kg	04/25/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/25/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/25/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/25/1992
Trichloroethene	<0.1	mg/kg	04/25/1992
Trichlorofluoromethane	<0.1	mg/kg	04/25/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/25/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/25/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/25/1992
Vinyl Chloride	<0.1	mg/kg	04/25/1992
Xylenes, Total	<0.1	mg/kg	04/25/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/25/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43439
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-70 (1-2.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	94.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/26/1992
Bromobenzene	<0.1	mg/kg	04/26/1992
Bromochloromethane	<0.1	mg/kg	04/26/1992
Bromodichloromethane	<0.1	mg/kg	04/26/1992
Bromoform	<0.1	mg/kg	04/26/1992
Bromomethane	<0.1	mg/kg	04/26/1992
n-Butylbenzene	<0.1	mg/kg	04/26/1992
sec-Butylbenzene	<0.1	mg/kg	04/26/1992
tert-Butylbenzene	<0.1	mg/kg	04/26/1992
Carbon Tetrachloride	<0.1	mg/kg	04/26/1992
Chlorobenzene	<0.1	mg/kg	04/26/1992
Chlorodibromomethane	<0.1	mg/kg	04/26/1992
Chloroethane	<0.1	mg/kg	04/26/1992
Chloromethane	<0.1	mg/kg	04/26/1992
2-Chlorotoluene	<0.1	mg/kg	04/26/1992
4-Chlorotoluene	<0.1	mg/kg	04/26/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/26/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/26/1992
Dibromomethane	<0.1	mg/kg	04/26/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/26/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethane	<0.1	mg/kg	04/26/1992
1,2-Dichloroethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethene	<0.1	mg/kg	04/26/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
1,2-Dichloropropane	<0.1	mg/kg	04/26/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43439
Account No: 21400
Page 34

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-70 (1-2.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/26/1992
2,2-Dichloropropane	<0.1	mg/kg	04/26/1992
1,1-Dichloropropene	<0.1	mg/kg	04/26/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
Ethylbenzene	<0.1	mg/kg	04/26/1992
Hexachlorobutadiene	<0.1	mg/kg	04/26/1992
Isopropylbenzene	<0.1	mg/kg	04/26/1992
p-Isopropyltoluene	<0.1	mg/kg	04/26/1992
Methylene Chloride	<1.0	mg/kg	04/26/1992
Naphthalene	<0.1	mg/kg	04/26/1992
n-Propylbenzene	<0.1	mg/kg	04/26/1992
Styrene	<0.1	mg/kg	04/26/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
Tetrachloroethene	<0.1	mg/kg	04/26/1992
Toluene	<0.1	mg/kg	04/26/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/26/1992
Trichloroethene	<0.1	mg/kg	04/26/1992
Trichlorofluoromethane	<0.1	mg/kg	04/26/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/26/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/26/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/26/1992
Vinyl Chloride	<0.1	mg/kg	04/26/1992
Xylenes, Total	<0.1	mg/kg	04/26/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/26/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Bob Nauta
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1846 Hoffman Street
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05/20/1992
Job No: 92.1568
Sample No: 43440
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-70 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	89.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/26/1992
Bromobenzene	<0.1	mg/kg	04/26/1992
Bromochloromethane	<0.1	mg/kg	04/26/1992
Bromodichloromethane	<0.1	mg/kg	04/26/1992
Bromoform	<0.1	mg/kg	04/26/1992
Bromomethane	<0.1	mg/kg	04/26/1992
n-Butylbenzene	<0.1	mg/kg	04/26/1992
sec-Butylbenzene	<0.1	mg/kg	04/26/1992
tert-Butylbenzene	<0.1	mg/kg	04/26/1992
Carbon Tetrachloride	<0.1	mg/kg	04/26/1992
Chlorobenzene	<0.1	mg/kg	04/26/1992
Chlorodibromomethane	<0.1	mg/kg	04/26/1992
Chloroethane	<0.1	mg/kg	04/26/1992
Chloromethane	<0.1	mg/kg	04/26/1992
2-Chlorotoluene	<0.1	mg/kg	04/26/1992
4-Chlorotoluene	<0.1	mg/kg	04/26/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/26/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/26/1992
Dibromomethane	<0.1	mg/kg	04/26/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/26/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethane	<0.1	mg/kg	04/26/1992
1,2-Dichloroethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethene	<0.1	mg/kg	04/26/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
1,2-Dichloropropane	<0.1	mg/kg	04/26/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43440
Account No: 21400
Page 36

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-70 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/26/1992
2,2-Dichloropropane	<0.1	mg/kg	04/26/1992
1,1-Dichloropropene	<0.1	mg/kg	04/26/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
Ethylbenzene	<0.1	mg/kg	04/26/1992
Hexachlorobutadiene	<0.1	mg/kg	04/26/1992
Isopropylbenzene	<0.1	mg/kg	04/26/1992
p-Isopropyltoluene	<0.1	mg/kg	04/26/1992
Methylene Chloride	<1.0	mg/kg	04/26/1992
Naphthalene	<0.1	mg/kg	04/26/1992
n-Propylbenzene	<0.1	mg/kg	04/26/1992
Styrene	<0.1	mg/kg	04/26/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
1,1,2,2-Tétrachloroethane	<0.1	mg/kg	04/26/1992
Tetrachloroethene	<0.1	mg/kg	04/26/1992
Toluene	<0.1	mg/kg	04/26/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/26/1992
Trichloroethene	<0.1	mg/kg	04/26/1992
Trichlorofluoromethane	<0.1	mg/kg	04/26/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/26/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/26/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/26/1992
Vinyl Chloride	<0.1	mg/kg	04/26/1992
Xylenes, Total	<0.1	mg/kg	04/26/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/26/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43441
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-71 (1-2.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	95.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/29/1992
Bromobenzene	<0.1	mg/kg	04/29/1992
Bromochloromethane	<0.1	mg/kg	04/29/1992
Bromodichloromethane	<0.1	mg/kg	04/29/1992
Bromoform	<0.1	mg/kg	04/29/1992
Bromomethane	<0.1	mg/kg	04/29/1992
n-Butylbenzene	<0.1	mg/kg	04/29/1992
sec-Butylbenzene	<0.1	mg/kg	04/29/1992
tert-Butylbenzene	<0.1	mg/kg	04/29/1992
Carbon Tetrachloride	<0.1	mg/kg	04/29/1992
Chlorobenzene	<0.1	mg/kg	04/29/1992
Chlorodibromomethane	<0.1	mg/kg	04/29/1992
Chloroethane	<0.1	mg/kg	04/29/1992
Chloromethane	<0.1	mg/kg	04/29/1992
2-Chlorotoluene	<0.1	mg/kg	04/29/1992
4-Chlorotoluene	<0.1	mg/kg	04/29/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/29/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/29/1992
Dibromomethane	<0.1	mg/kg	04/29/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/29/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/29/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/29/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/29/1992
1,1-Dichloroethane	<0.1	mg/kg	04/29/1992
1,2-Dichloroethane	<0.1	mg/kg	04/29/1992
1,1-Dichloroethene	<0.1	mg/kg	04/29/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/29/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/29/1992
1,2-Dichloropropane	<0.1	mg/kg	04/29/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



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ANALYTICAL REPORT

Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/20/1992
Job No: 92.1568
Sample No: 43441
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-71 (1-2.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/29/1992
2,2-Dichloropropane	<0.1	mg/kg	04/29/1992
1,1-Dichloropropene	<0.1	mg/kg	04/29/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/29/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/29/1992
Ethylbenzene	<0.1	mg/kg	04/29/1992
Hexachlorobutadiene	<0.1	mg/kg	04/29/1992
Isopropylbenzene	<0.1	mg/kg	04/29/1992
p-Isopropyltoluene	<0.1	mg/kg	04/29/1992
Methylene Chloride	<1.0	mg/kg	04/29/1992
Naphthalene	<0.1	mg/kg	04/29/1992
n-Propylbenzene	<0.1	mg/kg	04/29/1992
Styrene	<0.1	mg/kg	04/29/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/29/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/29/1992
Tetrachloroethene	<0.1	mg/kg	04/29/1992
Toluene	<0.1	mg/kg	04/29/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/29/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/29/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/29/1992
Trichloroethene	<0.1	mg/kg	04/29/1992
Trichlorofluoromethane	<0.1	mg/kg	04/29/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/29/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/29/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/29/1992
Vinyl Chloride	<0.1	mg/kg	04/29/1992
Xylenes, Total	<0.1	mg/kg	04/29/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/29/1992

David W. Havick, Manager
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ANALYTICAL REPORT

Bob Nauta
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1846 Hoffman Street
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05/20/1992
Job No: 92.1568
Sample No: 43442
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-71 (8.5-10')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	86.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/29/1992
Bromobenzene	<0.1	mg/kg	04/29/1992
Bromochloromethane	<0.1	mg/kg	04/29/1992
Bromodichloromethane	<0.1	mg/kg	04/29/1992
Bromoform	<0.1	mg/kg	04/29/1992
Bromomethane	<0.1	mg/kg	04/29/1992
n-Butylbenzene	<0.1	mg/kg	04/29/1992
sec-Butylbenzene	<0.1	mg/kg	04/29/1992
tert-Butylbenzene	<0.1	mg/kg	04/29/1992
Carbon Tetrachloride	<0.1	mg/kg	04/29/1992
Chlorobenzene	<0.1	mg/kg	04/29/1992
Chlorodibromomethane	<0.1	mg/kg	04/29/1992
Chloroethane	<0.1	mg/kg	04/29/1992
Chloromethane	<0.1	mg/kg	04/29/1992
2-Chlorotoluene	<0.1	mg/kg	04/29/1992
4-Chlorotoluene	<0.1	mg/kg	04/29/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/29/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/29/1992
Dibromomethane	<0.1	mg/kg	04/29/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/29/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/29/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/29/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/29/1992
1,1-Dichloroethane	<0.1	mg/kg	04/29/1992
1,2-Dichloroethane	<0.1	mg/kg	04/29/1992
1,1-Dichloroethene	<0.1	mg/kg	04/29/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/29/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/29/1992
1,2-Dichloropropane	<0.1	mg/kg	04/29/1992

David W. Havick, Manager
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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43442
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-71 (8.5-10')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/29/1992
2,2-Dichloropropane	<0.1	mg/kg	04/29/1992
1,1-Dichloropropene	<0.1	mg/kg	04/29/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/29/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/29/1992
Ethylbenzene	<0.1	mg/kg	04/29/1992
Hexachlorobutadiene	<0.1	mg/kg	04/29/1992
Isopropylbenzene	<0.1	mg/kg	04/29/1992
p-Isopropyltoluene	<0.1	mg/kg	04/29/1992
Methylene Chloride	<1.0	mg/kg	04/29/1992
Naphthalene	<0.1	mg/kg	04/29/1992
n-Propylbenzene	<0.1	mg/kg	04/29/1992
Styrene	<0.1	mg/kg	04/29/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/29/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/29/1992
Tetrachloroethene	<0.1	mg/kg	04/29/1992
Toluene	<0.1	mg/kg	04/29/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/29/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/29/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/29/1992
Trichloroethene	<0.1	mg/kg	04/29/1992
Trichlorofluoromethane	<0.1	mg/kg	04/29/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/29/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/29/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/29/1992
Vinyl Chloride	<0.1	mg/kg	04/29/1992
Xylenes, Total	<0.1	mg/kg	04/29/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/29/1992

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ANALYTICAL REPORT

Bob Nauta
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05/20/1992
Job No: 92.1568
Sample No: 43443
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-72 (1-2.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	93.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/26/1992
Bromobenzene	<0.1	mg/kg	04/26/1992
Bromochloromethane	<0.1	mg/kg	04/26/1992
Bromodichloromethane	<0.1	mg/kg	04/26/1992
Bromoform	<0.1	mg/kg	04/26/1992
Bromomethane	<0.1	mg/kg	04/26/1992
n-Butylbenzene	<0.1	mg/kg	04/26/1992
sec-Butylbenzene	<0.1	mg/kg	04/26/1992
tert-Butylbenzene	<0.1	mg/kg	04/26/1992
Carbon Tetrachloride	<0.1	mg/kg	04/26/1992
Chlorobenzene	<0.1	mg/kg	04/26/1992
Chlorodibromomethane	<0.1	mg/kg	04/26/1992
Chloroethane	<0.1	mg/kg	04/26/1992
Chloromethane	<0.1	mg/kg	04/26/1992
2-Chlorotoluene	<0.1	mg/kg	04/26/1992
4-Chlorotoluene	<0.1	mg/kg	04/26/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/26/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/26/1992
Dibromomethane	<0.1	mg/kg	04/26/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/26/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethane	<0.1	mg/kg	04/26/1992
1,2-Dichloroethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethene	<0.1	mg/kg	04/26/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
1,2-Dichloropropane	<0.1	mg/kg	04/26/1992

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ANALYTICAL REPORT

Bob Nauta
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05/20/1992
Job No: 92.1568
Sample No: 43443
Account No: 21400
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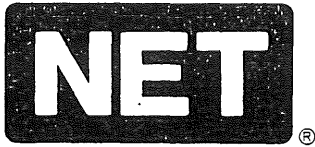
JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-72 (1-2.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/26/1992
2,2-Dichloropropane	<0.1	mg/kg	04/26/1992
1,1-Dichloropropene	<0.1	mg/kg	04/26/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
Ethylbenzene	<0.1	mg/kg	04/26/1992
Hexachlorobutadiene	<0.1	mg/kg	04/26/1992
Isopropylbenzene	<0.1	mg/kg	04/26/1992
p-Isopropyltoluene	<0.1	mg/kg	04/26/1992
Methylene Chloride	<1.0	mg/kg	04/26/1992
Naphthalene	<0.1	mg/kg	04/26/1992
n-Propylbenzene	<0.1	mg/kg	04/26/1992
Styrene	<0.1	mg/kg	04/26/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
Tetrachloroethene	<0.1	mg/kg	04/26/1992
Toluene	<0.1	mg/kg	04/26/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/26/1992
Trichloroethene	<0.1	mg/kg	04/26/1992
Trichlorofluoromethane	<0.1	mg/kg	04/26/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/26/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/26/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/26/1992
Vinyl Chloride	<0.1	mg/kg	04/26/1992
Xylenes, Total	<0.1	mg/kg	04/26/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/26/1992

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ANALYTICAL REPORT

Bob Nauta
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1846 Hoffman Street
Suite 101
Madison, WI 53704

05/20/1992
Job No: 92.1568
Sample No: 43444
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-72 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	83.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/26/1992
Bromobenzene	<0.1	mg/kg	04/26/1992
Bromochloromethane	<0.1	mg/kg	04/26/1992
Bromodichloromethane	<0.1	mg/kg	04/26/1992
Bromoform	<0.1	mg/kg	04/26/1992
Bromomethane	<0.1	mg/kg	04/26/1992
n-Butylbenzene	<0.1	mg/kg	04/26/1992
sec-Butylbenzene	<0.1	mg/kg	04/26/1992
tert-Butylbenzene	<0.1	mg/kg	04/26/1992
Carbon Tetrachloride	<0.1	mg/kg	04/26/1992
Chlorobenzene	<0.1	mg/kg	04/26/1992
Chlorodibromomethane	<0.1	mg/kg	04/26/1992
Chloroethane	<0.1	mg/kg	04/26/1992
Chloromethane	<0.1	mg/kg	04/26/1992
2-Chlorotoluene	<0.1	mg/kg	04/26/1992
4-Chlorotoluene	<0.1	mg/kg	04/26/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/26/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/26/1992
Dibromomethane	<0.1	mg/kg	04/26/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/26/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethane	<0.1	mg/kg	04/26/1992
1,2-Dichloroethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethene	<0.1	mg/kg	04/26/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
1,2-Dichloropropane	<0.1	mg/kg	04/26/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Bob Nauta
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1846 Hoffman Street
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05/20/1992
Job No: 92.1568
Sample No: 43444
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-72 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/26/1992
2,2-Dichloropropane	<0.1	mg/kg	04/26/1992
1,1-Dichloropropene	<0.1	mg/kg	04/26/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
Ethylbenzene	<0.1	mg/kg	04/26/1992
Hexachlorobutadiene	<0.1	mg/kg	04/26/1992
Isopropylbenzene	<0.1	mg/kg	04/26/1992
p-Isopropyltoluene	<0.1	mg/kg	04/26/1992
Methylene Chloride	<1.0	mg/kg	04/26/1992
Naphthalene	<0.1	mg/kg	04/26/1992
n-Propylbenzene	<0.1	mg/kg	04/26/1992
Styrene	<0.1	mg/kg	04/26/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
Tetrachloroethene	<0.1	mg/kg	04/26/1992
Toluene	<0.1	mg/kg	04/26/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/26/1992
Trichloroethene	<0.1	mg/kg	04/26/1992
Trichlorofluoromethane	<0.1	mg/kg	04/26/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/26/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/26/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/26/1992
Vinyl Chloride	<0.1	mg/kg	04/26/1992
Xylenes, Total	<0.1	mg/kg	04/26/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/26/1992

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ANALYTICAL REPORT

Bob Nauta
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05/20/1992
Job No: 92.1568
Sample No: 43445
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-73 (1-2.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	98.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/26/1992
Bromobenzene	<0.1	mg/kg	04/26/1992
Bromochloromethane	<0.1	mg/kg	04/26/1992
Bromodichloromethane	<0.1	mg/kg	04/26/1992
Bromoform	<0.1	mg/kg	04/26/1992
Bromomethane	<0.1	mg/kg	04/26/1992
n-Butylbenzene	<0.1	mg/kg	04/26/1992
sec-Butylbenzene	<0.1	mg/kg	04/26/1992
tert-Butylbenzene	<0.1	mg/kg	04/26/1992
Carbon Tetrachloride	<0.1	mg/kg	04/26/1992
Chlorobenzene	<0.1	mg/kg	04/26/1992
Chlorodibromomethane	<0.1	mg/kg	04/26/1992
Chloroethane	<0.1	mg/kg	04/26/1992
Chloromethane	<0.1	mg/kg	04/26/1992
2-Chlorotoluene	<0.1	mg/kg	04/26/1992
4-Chlorotoluene	<0.1	mg/kg	04/26/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/26/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/26/1992
Dibromomethane	<0.1	mg/kg	04/26/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/26/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethane	<0.1	mg/kg	04/26/1992
1,2-Dichloroethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethene	<0.1	mg/kg	04/26/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
1,2-Dichloropropane	<0.1	mg/kg	04/26/1992

David W. Havick, Manager
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ANALYTICAL REPORT

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1846 Hoffman Street
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Madison, WI 53704

05/20/1992
Job No: 92.1568
Sample No: 43445
Account No: 21400
Page 46

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-73 (1-2.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/26/1992
2,2-Dichloropropane	<0.1	mg/kg	04/26/1992
1,1-Dichloropropene	<0.1	mg/kg	04/26/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
Ethylbenzene	<0.1	mg/kg	04/26/1992
Hexachlorobutadiene	<0.1	mg/kg	04/26/1992
Isopropylbenzene	<0.1	mg/kg	04/26/1992
p-Isopropyltoluene	<0.1	mg/kg	04/26/1992
Methylene Chloride	<1.0	mg/kg	04/26/1992
Naphthalene	<0.1	mg/kg	04/26/1992
n-Propylbenzene	<0.1	mg/kg	04/26/1992
Styrene	<0.1	mg/kg	04/26/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
Tetrachloroethene	<0.1	mg/kg	04/26/1992
Toluene	<0.1	mg/kg	04/26/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/26/1992
Trichloroethene	<0.1	mg/kg	04/26/1992
Trichlorofluoromethane	<0.1	mg/kg	04/26/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/26/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/26/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/26/1992
Vinyl Chloride	<0.1	mg/kg	04/26/1992
Xylenes, Total	<0.1	mg/kg	04/26/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/26/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



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ANALYTICAL REPORT

Bob Nauta
DAMES & MOORE
1846 Hoffman Street
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05/20/1992
Job No: 92.1568
Sample No: 43446
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-73 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	97.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/26/1992
Bromobenzene	<0.1	mg/kg	04/26/1992
Bromochloromethane	<0.1	mg/kg	04/26/1992
Bromodichloromethane	<0.1	mg/kg	04/26/1992
Bromoform	<0.1	mg/kg	04/26/1992
Bromomethane	<0.1	mg/kg	04/26/1992
n-Butylbenzene	<0.1	mg/kg	04/26/1992
sec-Butylbenzene	<0.1	mg/kg	04/26/1992
tert-Butylbenzene	<0.1	mg/kg	04/26/1992
Carbon Tetrachloride	<0.1	mg/kg	04/26/1992
Chlorobenzene	<0.1	mg/kg	04/26/1992
Chlorodibromomethane	<0.1	mg/kg	04/26/1992
Chloroethane	<0.1	mg/kg	04/26/1992
Chloromethane	<0.1	mg/kg	04/26/1992
2-Chlorotoluene	<0.1	mg/kg	04/26/1992
4-Chlorotoluene	<0.1	mg/kg	04/26/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/26/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/26/1992
Dibromomethane	<0.1	mg/kg	04/26/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/26/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethane	<0.1	mg/kg	04/26/1992
1,2-Dichloroethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethene	<0.1	mg/kg	04/26/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
1,2-Dichloropropane	<0.1	mg/kg	04/26/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Bob Nauta
DAMES & MOORE
1846 Hoffman Street
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05/20/1992
Job No: 92.1568
Sample No: 43446
Account No: 21400
Page 48

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: B-73 (3.5-5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/26/1992
2,2-Dichloropropane	<0.1	mg/kg	04/26/1992
1,1-Dichloropropene	<0.1	mg/kg	04/26/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
Ethylbenzene	<0.1	mg/kg	04/26/1992
Hexachlorobutadiene	<0.1	mg/kg	04/26/1992
Isopropylbenzene	<0.1	mg/kg	04/26/1992
p-Isopropyltoluene	<0.1	mg/kg	04/26/1992
Methylene Chloride	<1.0	mg/kg	04/26/1992
Naphthalene	<0.1	mg/kg	04/26/1992
n-Propylbenzene	<0.1	mg/kg	04/26/1992
Styrene	<0.1	mg/kg	04/26/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
Tetrachloroethene	<0.1	mg/kg	04/26/1992
Toluene	<0.1	mg/kg	04/26/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/26/1992
Trichloroethene	<0.1	mg/kg	04/26/1992
Trichlorofluoromethane	<0.1	mg/kg	04/26/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/26/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/26/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/26/1992
Vinyl Chloride	<0.1	mg/kg	04/26/1992
Xylenes, Total	<0.1	mg/kg	04/26/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/26/1992

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ANALYTICAL REPORT

Mr. Bob Nauta
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1846 Hoffman Street
Suite 101
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05/20/1992
Job No: 92.1581
Sample No: 43513
Account No: 21400
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JOB DESCRIPTION: Truax-Wisc Air Nat. Guard
SAMPLE DESCRIPTION: Duplicate 1 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	87.	%	04/27/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/30/1992
Bromobenzene	<0.1	mg/kg	04/30/1992
Bromochloromethane	<0.1	mg/kg	04/30/1992
Bromodichloromethane	<0.1	mg/kg	04/30/1992
Bromoform	<0.1	mg/kg	04/30/1992
Bromomethane	<0.1	mg/kg	04/30/1992
n-Butylbenzene	<0.1	mg/kg	04/30/1992
sec-Butylbenzene	<0.1	mg/kg	04/30/1992
tert-Butylbenzene	<0.1	mg/kg	04/30/1992
Carbon Tetrachloride	<0.1	mg/kg	04/30/1992
Chlorobenzene	<0.1	mg/kg	04/30/1992
Chlorodibromomethane	<0.1	mg/kg	04/30/1992
Chloroethane	<0.1	mg/kg	04/30/1992
Chloromethane	<0.1	mg/kg	04/30/1992
2-Chlorotoluene	<0.1	mg/kg	04/30/1992
4-Chlorotoluene	<0.1	mg/kg	04/30/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/30/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/30/1992
Dibromomethane	<0.1	mg/kg	04/30/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/30/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/30/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethane	<0.1	mg/kg	04/30/1992
1,2-Dichloroethane	<0.1	mg/kg	04/30/1992
1,1-Dichloroethene	<0.1	mg/kg	04/30/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/30/1992
1,2-Dichloropropane	<0.1	mg/kg	04/30/1992

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ANALYTICAL REPORT

Mr. Bob Nauta
DAMES & MOORE
1846 Hoffman Street
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Madison, WI 53704

05/20/1992
Job No: 92.1581
Sample No: 43513
Account No: 21400
Page 18

JOB DESCRIPTION: Truax-Wisc Air Nat. Guard
SAMPLE DESCRIPTION: Duplicate 1 Truax-Wisc Air

Date Taken: 04/16/1992

Date Received: 04/20/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/30/1992
2,2-Dichloropropane	<0.1	mg/kg	04/30/1992
1,1-Dichloropropane	<0.1	mg/kg	04/30/1992
cis-1,3-Dichloropropane	<0.1	mg/kg	04/30/1992
trans-1,3-Dichloropropane	<0.1	mg/kg	04/30/1992
Ethylbenzene	<0.1	mg/kg	04/30/1992
Hexachlorobutadiene	<0.1	mg/kg	04/30/1992
Isopropylbenzene	<0.1	mg/kg	04/30/1992
p-Isopropyltoluene	<0.1	mg/kg	04/30/1992
Methylene Chloride	<1.0	mg/kg	04/30/1992
Naphthalene	0.2	mg/kg	04/30/1992
n-Propylbenzene	<0.1	mg/kg	04/30/1992
Styrene	<0.1	mg/kg	04/30/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/30/1992
Tetrachloroethene	<0.1	mg/kg	04/30/1992
Toluene	<0.1	mg/kg	04/30/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/30/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/30/1992
Trichloroethene	<0.1	mg/kg	04/30/1992
Trichlorofluoromethane	<0.1	mg/kg	04/30/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/30/1992
1,2,4-Trimethylbenzene	0.2	mg/kg	04/30/1992
1,3,5-Trimethylbenzene	0.3	mg/kg	04/30/1992
Vinyl Chloride	<0.1	mg/kg	04/30/1992
Xylenes, Total	0.1	mg/kg	04/30/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/30/1992

David W. Havick, Manager
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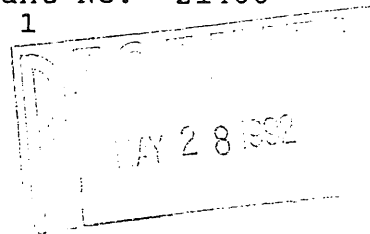
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ANALYTICAL REPORT

Mr. Bob Nauta
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1846 Hoffman Street
Suite 101
Madison, WI 53704

05/26/1992
Job No: 92.2128
Sample No: 45656
Account No: 21400
Page 1

JOB DESCRIPTION: WI Air National Guard
SAMPLE DESCRIPTION: MW-9
WI Air National Guard
Rec'd on ice



Date Taken: 05/20/1992

Date Received: 05/21/1992

Parameter	Result	Unit of Measure	Date Analyzed
VOC - AQUEOUS - EPA 8021			
Benzene	2.9	ug/L	05/21/1992
Bromobenzene	<1.0	ug/L	05/21/1992
Bromochloromethane	<1.0	ug/L	05/21/1992
Bromodichloromethane	<1.0	ug/L	05/21/1992
Bromoform	<1.0	ug/L	05/21/1992
Bromomethane	<1.0	ug/L	05/21/1992
n-Butylbenzene	<1.0	ug/L	05/21/1992
sec-Butylbenzene	<1.0	ug/L	05/21/1992
tert-Butylbenzene	<1.0	ug/L	05/21/1992
Carbon Tetrachloride	<1.0	ug/L	05/21/1992
Chlorobenzene	<1.0	ug/L	05/21/1992
Chlorodibromomethane	<1.0	ug/L	05/21/1992
Chloroethane	<1.0	ug/L	05/21/1992
Chloromethane	<1.0	ug/L	05/21/1992
2-Chlorotoluene	<1.0	ug/L	05/21/1992
4-Chlorotoluene	<1.0	ug/L	05/21/1992
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	05/21/1992
1,2-Dibromoethane (EDB)	<1.0	ug/L	05/21/1992
Dibromomethane	<1.0	ug/L	05/21/1992
1,2-Dichlorobenzene	<1.0	ug/L	05/21/1992
1,3-Dichlorobenzene	<1.0	ug/L	05/21/1992
1,4-Dichlorobenzene	<1.0	ug/L	05/21/1992
Dichlorodifluoromethane	<1.0	ug/L	05/21/1992
1,1-Dichloroethane	<1.0	ug/L	05/21/1992
1,2-Dichloroethane	<1.0	ug/L	05/21/1992
1,1-Dichloroethene	<1.0	ug/L	05/21/1992
cis-1,2-Dichloroethene	<1.0	ug/L	05/21/1992
trans-1,2-Dichloroethene	<1.0	ug/L	05/21/1992
1,2-Dichloropropane	<1.0	ug/L	05/21/1992
1,3-Dichloropropane	<1.0	ug/L	05/21/1992

David W. Havick

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Mr. Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/26/1992
Job No: 92.2128
Sample No: 45656
Account No: 21400
Page 2

JOB DESCRIPTION: WI Air National Guard
SAMPLE DESCRIPTION: MW-9
WI Air National Guard
Rec'd on ice

Date Taken: 05/20/1992

Date Received: 05/21/1992

Parameter	Result	Unit of Measure	Date Analyzed
2,2-Dichloropropane	<1.0	ug/L	05/21/1992
1,1-Dichloropropene	<1.0	ug/L	05/21/1992
cis-1,3-Dichloropropene	<1.0	ug/L	05/21/1992
trans-1,3-Dichloropropene	<1.0	ug/L	05/21/1992
Ethylbenzene	1.4	ug/L	05/21/1992
Hexachlorobutadiene	<1.0	ug/L	05/21/1992
Isopropylbenzene	<1.0	ug/L	05/21/1992
p-Isopropyltoluene	<1.0	ug/L	05/21/1992
Methylene Chloride	<10.	ug/L	05/21/1992
Naphthalene	2.1	ug/L	05/21/1992
n-Propylbenzene	<1.0	ug/L	05/21/1992
Styrene	<1.0	ug/L	05/21/1992
1,1,1,2-Tetrachloroethane	<1.0	ug/L	05/21/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	05/21/1992
Tetrachloroethene	<1.0	ug/L	05/21/1992
Toluene	<1.0	ug/L	05/21/1992
1,2,3-Trichlorobenzene	<1.0	ug/L	05/21/1992
1,2,4-Trichlorobenzene	<1.0	ug/L	05/21/1992
1,1,1-Trichloroethane	<1.0	ug/L	05/21/1992
1,1,2-Trichloroethane	<1.0	ug/L	05/21/1992
Trichloroethene	<1.0	ug/L	05/21/1992
Trichlorofluoromethane	<1.0	ug/L	05/21/1992
1,2,3-Trichloropropane	<1.0	ug/L	05/21/1992
1,2,4-Trimethylbenzene	1.5	ug/L	05/21/1992
1,3,5-Trimethylbenzene	<1.0	ug/L	05/21/1992
Vinyl Chloride	<1.0	ug/L	05/21/1992
Xylenes, Total	<1.0	ug/L	05/21/1992
Methyl-t-butyl ether	<1.0	ug/L	05/21/1992

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ANALYTICAL REPORT

Mr. Bob Nauta
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05/26/1992
Job No: 92.2128
Sample No: 45657
Account No: 21400
Page 3

JOB DESCRIPTION: WI Air National Guard
SAMPLE DESCRIPTION: MW-15
WI Air National Guard
Rec'd on ice

Date Taken: 05/20/1992

Date Received: 05/21/1992

Parameter	Result	Unit of Measure	Date Analyzed
VOC - AQUEOUS - EPA 8021			
Benzene	2800.	ug/L	05/21/1992
Bromobenzene	<100.	ug/L	05/21/1992
Bromochloromethane	<100.	ug/L	05/21/1992
Bromodichloromethane	<100.	ug/L	05/21/1992
Bromoform	<100.	ug/L	05/21/1992
Bromomethane	<100.	ug/L	05/21/1992
n-Butylbenzene	<100.	ug/L	05/21/1992
sec-Butylbenzene	<100.	ug/L	05/21/1992
tert-Butylbenzene	<100.	ug/L	05/21/1992
Carbon Tetrachloride	<100.	ug/L	05/21/1992
Chlorobenzene	<100.	ug/L	05/21/1992
Chlorodibromomethane	<100.	ug/L	05/21/1992
Chloroethane	<100.	ug/L	05/21/1992
Chloromethane	<100.	ug/L	05/21/1992
2-Chlorotoluene	<100.	ug/L	05/21/1992
4-Chlorotoluene	<100.	ug/L	05/21/1992
1,2-Dibromo-3-Chloropropane	<100.	ug/L	05/21/1992
1,2-Dibromoethane (EDB)	<100.	ug/L	05/21/1992
Dibromomethane	<100.	ug/L	05/21/1992
1,2-Dichlorobenzene	<100.	ug/L	05/21/1992
1,3-Dichlorobenzene	<100.	ug/L	05/21/1992
1,4-Dichlorobenzene	<100.	ug/L	05/21/1992
Dichlorodifluoromethane	<100.	ug/L	05/21/1992
1,1-Dichloroethane	<100.	ug/L	05/21/1992
1,2-Dichloroethane	<100.	ug/L	05/21/1992
1,1-Dichloroethene	<100.	ug/L	05/21/1992
cis-1,2-Dichloroethene	<100.	ug/L	05/21/1992
trans-1,2-Dichloroethene	<100.	ug/L	05/21/1992
1,2-Dichloropropane	<100.	ug/L	05/21/1992
1,3-Dichloropropane	<100.	ug/L	05/21/1992

David W. Havick, Manager
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ANALYTICAL REPORT

Mr. Bob Nauta
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1846 Hoffman Street
Suite 101
Madison, WI 53704

05/26/1992
Job No: 92.2128
Sample No: 45657
Account No: 21400
Page 4

JOB DESCRIPTION: WI Air National Guard
SAMPLE DESCRIPTION: MW-15
WI Air National Guard
Rec'd on ice

Date Taken: 05/20/1992

Date Received: 05/21/1992

Parameter	Result	Unit of Measure	Date Analyzed
2,2-Dichloropropane	<100.	ug/L	05/21/1992
1,1-Dichloropropene	<100.	ug/L	05/21/1992
cis-1,3-Dichloropropene	<100.	ug/L	05/21/1992
trans-1,3-Dichloropropene	<100.	ug/L	05/21/1992
Ethylbenzene	820.	ug/L	05/21/1992
Hexachlorobutadiene	<100.	ug/L	05/21/1992
Isopropylbenzene	<100.	ug/L	05/21/1992
p-Isopropyltoluene	<100.	ug/L	05/21/1992
Methylene Chloride	<1000.	ug/L	05/21/1992
Naphthalene	170.	ug/L	05/21/1992
n-Propylbenzene	<100.	ug/L	05/21/1992
Styrene	<100.	ug/L	05/21/1992
1,1,1,2-Tetrachloroethane	<100.	ug/L	05/21/1992
1,1,2,2-Tetrachloroethane	<100.	ug/L	05/21/1992
Tetrachloroethene	<100.	ug/L	05/21/1992
Toluene	160.	ug/L	05/21/1992
1,2,3-Trichlorobenzene	<100.	ug/L	05/21/1992
1,2,4-Trichlorobenzene	<100.	ug/L	05/21/1992
1,1,1-Trichloroethane	<100.	ug/L	05/21/1992
1,1,2-Trichloroethane	<100.	ug/L	05/21/1992
Trichloroethene	<100.	ug/L	05/21/1992
Trichlorofluoromethane	<100.	ug/L	05/21/1992
1,2,3-Trichloropropane	<100.	ug/L	05/21/1992
1,2,4-Trimethylbenzene	390.	ug/L	05/21/1992
1,3,5-Trimethylbenzene	130.	ug/L	05/21/1992
Vinyl Chloride	<100.	ug/L	05/21/1992
Xylenes, Total	1100.	ug/L	05/21/1992
Methyl-t-butyl ether	<100.	ug/L	05/21/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/26/1992
Job No: 92.2128
Sample No: 45658
Account No: 21400
Page 5

JOB DESCRIPTION: WI Air National Guard
SAMPLE DESCRIPTION: MW-17
WI Air National Guard
Rec'd on ice

Date Taken: 05/20/1992

Date Received: 05/21/1992

Parameter	Result	Unit of Measure	Date Analyzed
VOC - AQUEOUS - EPA 8021			
Benzene	<1.0	ug/L	05/21/1992
Bromobenzene	<1.0	ug/L	05/21/1992
Bromochloromethane	<1.0	ug/L	05/21/1992
Bromodichloromethane	<1.0	ug/L	05/21/1992
Bromoform	<1.0	ug/L	05/21/1992
Bromomethane	<1.0	ug/L	05/21/1992
n-Butylbenzene	<1.0	ug/L	05/21/1992
sec-Butylbenzene	<1.0	ug/L	05/21/1992
tert-Butylbenzene	<1.0	ug/L	05/21/1992
Carbon Tetrachloride	<1.0	ug/L	05/21/1992
Chlorobenzene	<1.0	ug/L	05/21/1992
Chlorodibromomethane	<1.0	ug/L	05/21/1992
Chloroethane	<1.0	ug/L	05/21/1992
Chloromethane	<1.0	ug/L	05/21/1992
2-Chlorotoluene	<1.0	ug/L	05/21/1992
4-Chlorotoluene	<1.0	ug/L	05/21/1992
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	05/21/1992
1,2-Dibromoethane (EDB)	<1.0	ug/L	05/21/1992
Dibromomethane	<1.0	ug/L	05/21/1992
1,2-Dichlorobenzene	<1.0	ug/L	05/21/1992
1,3-Dichlorobenzene	<1.0	ug/L	05/21/1992
1,4-Dichlorobenzene	<1.0	ug/L	05/21/1992
Dichlorodifluoromethane	<1.0	ug/L	05/21/1992
1,1-Dichloroethane	<1.0	ug/L	05/21/1992
1,2-Dichloroethane	<1.0	ug/L	05/21/1992
1,1-Dichloroethene	<1.0	ug/L	05/21/1992
cis-1,2-Dichloroethene	<1.0	ug/L	05/21/1992
trans-1,2-Dichloroethene	<1.0	ug/L	05/21/1992
1,2-Dichloropropane	<1.0	ug/L	05/21/1992
1,3-Dichloropropane	<1.0	ug/L	05/21/1992

David W. Havick, Manager
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ANALYTICAL REPORT

Mr. Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/26/1992
Job No: 92.2128
Sample No: 45658
Account No: 21400
Page 6

JOB DESCRIPTION: WI Air National Guard
SAMPLE DESCRIPTION: MW-17
WI Air National Guard
Rec'd on ice

Date Taken: 05/20/1992

Date Received: 05/21/1992

Parameter	Result	Unit of Measure	Date Analyzed
2,2-Dichloropropane	<1.0	ug/L	05/21/1992
1,1-Dichloropropene	<1.0	ug/L	05/21/1992
cis-1,3-Dichloropropene	<1.0	ug/L	05/21/1992
trans-1,3-Dichloropropene	<1.0	ug/L	05/21/1992
Ethylbenzene	<1.0	ug/L	05/21/1992
Hexachlorobutadiene	<1.0	ug/L	05/21/1992
Isopropylbenzene	<1.0	ug/L	05/21/1992
p-Isopropyltoluene	<1.0	ug/L	05/21/1992
Methylene Chloride	<10.	ug/L	05/21/1992
Naphthalene	<1.0	ug/L	05/21/1992
n-Propylbenzene	<1.0	ug/L	05/21/1992
Styrene	<1.0	ug/L	05/21/1992
1,1,1,2-Tetrachloroethane	<1.0	ug/L	05/21/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	05/21/1992
Tetrachloroethene	<1.0	ug/L	05/21/1992
Toluene	<1.0	ug/L	05/21/1992
1,2,3-Trichlorobenzene	<1.0	ug/L	05/21/1992
1,2,4-Trichlorobenzene	<1.0	ug/L	05/21/1992
1,1,1-Trichloroethane	<1.0	ug/L	05/21/1992
1,1,2-Trichloroethane	<1.0	ug/L	05/21/1992
Trichloroethene	<1.0	ug/L	05/21/1992
Trichlorofluoromethane	<1.0	ug/L	05/21/1992
1,2,3-Trichloropropane	<1.0	ug/L	05/21/1992
1,2,4-Trimethylbenzene	<1.0	ug/L	05/21/1992
1,3,5-Trimethylbenzene	<1.0	ug/L	05/21/1992
Vinyl Chloride	<1.0	ug/L	05/21/1992
Xylenes, Total	<1.0	ug/L	05/21/1992
Methyl-t-butyl ether	<1.0	ug/L	05/21/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



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ANALYTICAL REPORT

Mr. Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/26/1992
Job No: 92.2128
Sample No: 45659
Account No: 21400
Page 7

JOB DESCRIPTION: WI Air National Guard
SAMPLE DESCRIPTION: MW-7
WI Air National Guard
Rec'd on ice

Date Taken: 05/20/1992

Date Received: 05/21/1992

Parameter	Result	Unit of Measure	Date Analyzed
VOC - AQUEOUS - EPA 8021			
Benzene	<1.0	ug/L	05/21/1992
Bromobenzene	<1.0	ug/L	05/21/1992
Bromochloromethane	<1.0	ug/L	05/21/1992
Bromodichloromethane	<1.0	ug/L	05/21/1992
Bromoform	<1.0	ug/L	05/21/1992
Bromomethane	<1.0	ug/L	05/21/1992
n-Butylbenzene	<1.0	ug/L	05/21/1992
sec-Butylbenzene	<1.0	ug/L	05/21/1992
tert-Butylbenzene	<1.0	ug/L	05/21/1992
Carbon Tetrachloride	<1.0	ug/L	05/21/1992
Chlorobenzene	<1.0	ug/L	05/21/1992
Chlorodibromomethane	<1.0	ug/L	05/21/1992
Chloroethane	<1.0	ug/L	05/21/1992
Chloromethane	<1.0	ug/L	05/21/1992
2-Chlorotoluene	<1.0	ug/L	05/21/1992
4-Chlorotoluene	<1.0	ug/L	05/21/1992
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	05/21/1992
1,2-Dibromoethane (EDB)	<1.0	ug/L	05/21/1992
Dibromomethane	<1.0	ug/L	05/21/1992
1,2-Dichlorobenzene	<1.0	ug/L	05/21/1992
1,3-Dichlorobenzene	<1.0	ug/L	05/21/1992
1,4-Dichlorobenzene	<1.0	ug/L	05/21/1992
Dichlorodifluoromethane	<1.0	ug/L	05/21/1992
1,1-Dichloroethane	<1.0	ug/L	05/21/1992
1,2-Dichloroethane	<1.0	ug/L	05/21/1992
1,1-Dichloroethene	<1.0	ug/L	05/21/1992
cis-1,2-Dichloroethene	<1.0	ug/L	05/21/1992
trans-1,2-Dichloroethene	<1.0	ug/L	05/21/1992
1,2-Dichloropropane	<1.0	ug/L	05/21/1992
1,3-Dichloropropane	<1.0	ug/L	05/21/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Mr. Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/26/1992
Job No: 92.2128
Sample No: 45659
Account No: 21400
Page 8

JOB DESCRIPTION: WI Air National Guard
SAMPLE DESCRIPTION: MW-7
WI Air National Guard
Rec'd on ice

Date Taken: 05/20/1992

Date Received: 05/21/1992

Parameter	Result	Unit of Measure	Date Analyzed
2,2-Dichloropropane	<1.0	ug/L	05/21/1992
1,1-Dichloropropene	<1.0	ug/L	05/21/1992
cis-1,3-Dichloropropene	<1.0	ug/L	05/21/1992
trans-1,3-Dichloropropene	<1.0	ug/L	05/21/1992
Ethylbenzene	<1.0	ug/L	05/21/1992
Hexachlorobutadiene	<1.0	ug/L	05/21/1992
Isopropylbenzene	<1.0	ug/L	05/21/1992
p-Isopropyltoluene	<1.0	ug/L	05/21/1992
Methylene Chloride	<10.	ug/L	05/21/1992
Naphthalene	<1.0	ug/L	05/21/1992
n-Propylbenzene	<1.0	ug/L	05/21/1992
Styrene	<1.0	ug/L	05/21/1992
1,1,1,2-Tetrachloroethane	<1.0	ug/L	05/21/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	05/21/1992
Tetrachloroethene	<1.0	ug/L	05/21/1992
Toluene	<1.0	ug/L	05/21/1992
1,2,3-Trichlorobenzene	<1.0	ug/L	05/21/1992
1,2,4-Trichlorobenzene	<1.0	ug/L	05/21/1992
1,1,1-Trichloroethane	<1.0	ug/L	05/21/1992
1,1,2-Trichloroethane	<1.0	ug/L	05/21/1992
Trichloroethene	<1.0	ug/L	05/21/1992
Trichlorofluoromethane	<1.0	ug/L	05/21/1992
1,2,3-Trichloropropane	<1.0	ug/L	05/21/1992
1,2,4-Trimethylbenzene	<1.0	ug/L	05/21/1992
1,3,5-Trimethylbenzene	<1.0	ug/L	05/21/1992
Vinyl Chloride	<1.0	ug/L	05/21/1992
Xylenes, Total	<1.0	ug/L	05/21/1992
Methyl-t-butyl ether	<1.0	ug/L	05/21/1992

David W. Havick, Manager
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ANALYTICAL REPORT

Mr. Bob Nauta
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05/26/1992
Job No: 92.2128
Sample No: 45660
Account No: 21400
Page 9

JOB DESCRIPTION: WI Air National Guard
SAMPLE DESCRIPTION: Trip Blank
WI Air National Guard
Rec'd on ice

Date Taken:

Date Received: 05/21/1992

Parameter	Result	Unit of Measure	Date Analyzed
VOC - AQUEOUS - EPA 8021			
Benzene	<1.0	ug/L	05/21/1992
Bromobenzene	<1.0	ug/L	05/21/1992
Bromochloromethane	<1.0	ug/L	05/21/1992
Bromodichloromethane	<1.0	ug/L	05/21/1992
Bromoform	<1.0	ug/L	05/21/1992
Bromomethane	<1.0	ug/L	05/21/1992
n-Butylbenzene	<1.0	ug/L	05/21/1992
sec-Butylbenzene	<1.0	ug/L	05/21/1992
tert-Butylbenzene	<1.0	ug/L	05/21/1992
Carbon Tetrachloride	<1.0	ug/L	05/21/1992
Chlorobenzene	<1.0	ug/L	05/21/1992
Chlorodibromomethane	<1.0	ug/L	05/21/1992
Chloroethane	<1.0	ug/L	05/21/1992
Chloromethane	<1.0	ug/L	05/21/1992
2-Chlorotoluene	<1.0	ug/L	05/21/1992
4-Chlorotoluene	<1.0	ug/L	05/21/1992
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	05/21/1992
1,2-Dibromoethane (EDB)	<1.0	ug/L	05/21/1992
Dibromomethane	<1.0	ug/L	05/21/1992
1,2-Dichlorobenzene	<1.0	ug/L	05/21/1992
1,3-Dichlorobenzene	<1.0	ug/L	05/21/1992
1,4-Dichlorobenzene	<1.0	ug/L	05/21/1992
Dichlorodifluoromethane	<1.0	ug/L	05/21/1992
1,1-Dichloroethane	<1.0	ug/L	05/21/1992
1,2-Dichloroethane	<1.0	ug/L	05/21/1992
1,1-Dichloroethene	<1.0	ug/L	05/21/1992
cis-1,2-Dichloroethene	<1.0	ug/L	05/21/1992
trans-1,2-Dichloroethene	<1.0	ug/L	05/21/1992
1,2-Dichloropropane	<1.0	ug/L	05/21/1992
1,3-Dichloropropane	<1.0	ug/L	05/21/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Mr. Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/26/1992
Job No: 92.2128
Sample No: 45660
Account No: 21400
Page 10

JOB DESCRIPTION: WI Air National Guard
SAMPLE DESCRIPTION: Trip Blank
WI Air National Guard
Rec'd on ice

Date Taken:

Date Received: 05/21/1992

Parameter	Result	Unit of Measure	Date Analyzed
2,2-Dichloropropane	<1.0	ug/L	05/21/1992
1,1-Dichloropropene	<1.0	ug/L	05/21/1992
cis-1,3-Dichloropropene	<1.0	ug/L	05/21/1992
trans-1,3-Dichloropropene	<1.0	ug/L	05/21/1992
Ethylbenzene	<1.0	ug/L	05/21/1992
Hexachlorobutadiene	<1.0	ug/L	05/21/1992
Isopropylbenzene	<1.0	ug/L	05/21/1992
p-Isopropyltoluene	<1.0	ug/L	05/21/1992
Methylene Chloride	<10.	ug/L	05/21/1992
Naphthalene	<1.0	ug/L	05/21/1992
n-Propylbenzene	<1.0	ug/L	05/21/1992
Styrene	<1.0	ug/L	05/21/1992
1,1,1,2-Tetrachloroethane	<1.0	ug/L	05/21/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	05/21/1992
Tetrachloroethene	<1.0	ug/L	05/21/1992
Toluene	<1.0	ug/L	05/21/1992
1,2,3-Trichlorobenzene	<1.0	ug/L	05/21/1992
1,2,4-Trichlorobenzene	<1.0	ug/L	05/21/1992
1,1,1-Trichloroethane	<1.0	ug/L	05/21/1992
1,1,2-Trichloroethane	<1.0	ug/L	05/21/1992
Trichloroethene	<1.0	ug/L	05/21/1992
Trichlorofluoromethane	<1.0	ug/L	05/21/1992
1,2,3-Trichloropropane	<1.0	ug/L	05/21/1992
1,2,4-Trimethylbenzene	<1.0	ug/L	05/21/1992
1,3,5-Trimethylbenzene	<1.0	ug/L	05/21/1992
Vinyl Chloride	<1.0	ug/L	05/21/1992
Xylenes, Total	<1.0	ug/L	05/21/1992
Methyl-t-butyl ether	<1.0	ug/L	05/21/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/20/1992
Job No: 92.1568
Sample No: 43454
Account No: 21400
Page 63

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: W-23 (10-11.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	82.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/28/1992
Bromobenzene	<0.1	mg/kg	04/28/1992
Bromochloromethane	<0.1	mg/kg	04/28/1992
Bromodichloromethane	<0.1	mg/kg	04/28/1992
Bromoform	<0.1	mg/kg	04/28/1992
Bromomethane	<0.1	mg/kg	04/28/1992
n-Butylbenzene	<0.1	mg/kg	04/28/1992
sec-Butylbenzene	<0.1	mg/kg	04/28/1992
tert-Butylbenzene	<0.1	mg/kg	04/28/1992
Carbon Tetrachloride	<0.1	mg/kg	04/28/1992
Chlorobenzene	<0.1	mg/kg	04/28/1992
Chlorodibromomethane	<0.1	mg/kg	04/28/1992
Chloroethane	<0.1	mg/kg	04/28/1992
Chloromethane	<0.1	mg/kg	04/28/1992
2-Chlorotoluene	<0.1	mg/kg	04/28/1992
4-Chlorotoluene	<0.1	mg/kg	04/28/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/28/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/28/1992
Dibromomethane	<0.1	mg/kg	04/28/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/28/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/28/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/28/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/28/1992
1,1-Dichloroethane	<0.1	mg/kg	04/28/1992
1,2-Dichloroethane	<0.1	mg/kg	04/28/1992
1,1-Dichloroethene	<0.1	mg/kg	04/28/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/28/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/28/1992
1,2-Dichloropropane	<0.1	mg/kg	04/28/1992

David W. Havick, Manager
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ANALYTICAL REPORT

Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/20/1992
Job No: 92.1568
Sample No: 43454
Account No: 21400
Page 64

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: W-23 (10-11.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/28/1992
2,2-Dichloropropane	<0.1	mg/kg	04/28/1992
1,1-Dichloropropene	<0.1	mg/kg	04/28/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/28/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/28/1992
Ethylbenzene	<0.1	mg/kg	04/28/1992
Hexachlorobutadiene	<0.1	mg/kg	04/28/1992
Isopropylbenzene	<0.1	mg/kg	04/28/1992
p-Isopropyltoluene	<0.1	mg/kg	04/28/1992
Methylene Chloride	<1.0	mg/kg	04/28/1992
Naphthalene	<0.1	mg/kg	04/28/1992
n-Propylbenzene	<0.1	mg/kg	04/28/1992
Styrene	<0.1	mg/kg	04/28/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/28/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/28/1992
Tetrachloroethene	<0.1	mg/kg	04/28/1992
Toluene	<0.1	mg/kg	04/28/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/28/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/28/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/28/1992
Trichloroethene	<0.1	mg/kg	04/28/1992
Trichlorofluoromethane	<0.1	mg/kg	04/28/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/28/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/28/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/28/1992
Vinyl Chloride	<0.1	mg/kg	04/28/1992
Xylenes, Total	<0.1	mg/kg	04/28/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/28/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Mr. Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/20/1992
Job No: 92.1655
Sample No: 43877
Account No: 21400
Page 1

JOB DESCRIPTION: Wisconsin Air Natl Guard
SAMPLE DESCRIPTION: W-20
Wisconsin Air National Guard-Truax Airport

Date Taken: 04/20/1992

Date Received: 04/22/1992

Parameter	Result	Unit of Measure	Date Analyzed
VOC - AQUEOUS - EPA 8021			
Benzene	<1.0	ug/L	05/04/1992
Bromobenzene	<1.0	ug/L	05/04/1992
Bromochloromethane	<1.0	ug/L	05/04/1992
Bromodichloromethane	<1.0	ug/L	05/04/1992
Bromoform	<1.0	ug/L	05/04/1992
Bromomethane	<1.0	ug/L	05/04/1992
n-Butylbenzene	<1.0	ug/L	05/04/1992
sec-Butylbenzene	<1.0	ug/L	05/04/1992
tert-Butylbenzene	<1.0	ug/L	05/04/1992
Carbon Tetrachloride	<1.0	ug/L	05/04/1992
Chlorobenzene	<1.0	ug/L	05/04/1992
Chlorodibromomethane	<1.0	ug/L	05/04/1992
Chloroethane	<1.0	ug/L	05/04/1992
Chloromethane	<1.0	ug/L	05/04/1992
2-Chlorotoluene	<1.0	ug/L	05/04/1992
4-Chlorotoluene	<1.0	ug/L	05/04/1992
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	05/04/1992
1,2-Dibromoethane (EDB)	<1.0	ug/L	05/04/1992
Dibromomethane	<1.0	ug/L	05/04/1992
1,2-Dichlorobenzene	<1.0	ug/L	05/04/1992
1,3-Dichlorobenzene	<1.0	ug/L	05/04/1992
1,4-Dichlorobenzene	<1.0	ug/L	05/04/1992
Dichlorodifluoromethane	<1.0	ug/L	05/04/1992
1,1-Dichloroethane	<1.0	ug/L	05/04/1992
1,2-Dichloroethane	<1.0	ug/L	05/04/1992
1,1-Dichloroethene	<1.0	ug/L	05/04/1992
cis-1,2-Dichloroethene	<1.0	ug/L	05/04/1992
trans-1,2-Dichloroethene	<1.0	ug/L	05/04/1992
1,2-Dichloropropane	<1.0	ug/L	05/04/1992
1,3-Dichloropropane	<1.0	ug/L	05/04/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Mr. Bob Nauta
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05/20/1992
Job No: 92.1655
Sample No: 43877
Account No: 21400
Page 2

JOB DESCRIPTION: Wisconsin Air Natl Guard
SAMPLE DESCRIPTION: W-20
Wisconsin Air National Guard-Truax Airport

Date Taken: 04/20/1992

Date Received: 04/22/1992

Parameter	Result	Unit of Measure	Date Analyzed
2,2-Dichloropropane	<1.0	ug/L	05/04/1992
1,1-Dichloropropene	<1.0	ug/L	05/04/1992
cis-1,3-Dichloropropene	<1.0	ug/L	05/04/1992
trans-1,3-Dichloropropene	<1.0	ug/L	05/04/1992
Ethylbenzene	<1.0	ug/L	05/04/1992
Hexachlorobutadiene	<1.0	ug/L	05/04/1992
Isopropylbenzene	<1.0	ug/L	05/04/1992
p-Isopropyltoluene	<1.0	ug/L	05/04/1992
Methylene Chloride	<10.	ug/L	05/04/1992
Naphthalene	<1.0	ug/L	05/04/1992
n-Propylbenzene	<1.0	ug/L	05/04/1992
Styrene	<1.0	ug/L	05/04/1992
1,1,1,2-Tetrachloroethane	<1.0	ug/L	05/04/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	05/04/1992
Tetrachloroethene	<1.0	ug/L	05/04/1992
Toluene	1.7	ug/L	05/04/1992
1,2,3-Trichlorobenzene	<1.0	ug/L	05/04/1992
1,2,4-Trichlorobenzene	<1.0	ug/L	05/04/1992
1,1,1-Trichloroethane	<1.0	ug/L	05/04/1992
1,1,2-Trichloroethane	<1.0	ug/L	05/04/1992
Trichloroethene	<1.0	ug/L	05/04/1992
Trichlorofluoromethane	<1.0	ug/L	05/04/1992
1,2,3-Trichloropropane	<1.0	ug/L	05/04/1992
1,2,4-Trimethylbenzene	<1.0	ug/L	05/04/1992
1,3,5-Trimethylbenzene	<1.0	ug/L	05/04/1992
Vinyl Chloride	<1.0	ug/L	05/04/1992
Xylenes, Total	<1.0	ug/L	05/04/1992
Methyl-t-butyl ether	<1.0	ug/L	05/04/1992

David W. Havick, Manager
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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1655
Sample No: 43878
Account No: 21400
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JOB DESCRIPTION: Wisconsin Air Natl Guard
SAMPLE DESCRIPTION: W-21
Wisconsin Air National Guard-Truax Airport

Date Taken: 04/20/1992

Date Received: 04/22/1992

Parameter	Result	Unit of Measure	Date Analyzed
VOC - AQUEOUS - EPA 8021			
Benzene	<1.0	ug/L	05/04/1992
Bromobenzene	<1.0	ug/L	05/04/1992
Bromochloromethane	<1.0	ug/L	05/04/1992
Bromodichloromethane	<1.0	ug/L	05/04/1992
Bromoform	<1.0	ug/L	05/04/1992
Bromomethane	<1.0	ug/L	05/04/1992
n-Butylbenzene	<1.0	ug/L	05/04/1992
sec-Butylbenzene	<1.0	ug/L	05/04/1992
tert-Butylbenzene	<1.0	ug/L	05/04/1992
Carbon Tetrachloride	<1.0	ug/L	05/04/1992
Chlorobenzene	<1.0	ug/L	05/04/1992
Chlorodibromomethane	<1.0	ug/L	05/04/1992
Chloroethane	<1.0	ug/L	05/04/1992
Chloromethane	<1.0	ug/L	05/04/1992
2-Chlorotoluene	<1.0	ug/L	05/04/1992
4-Chlorotoluene	<1.0	ug/L	05/04/1992
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	05/04/1992
1,2-Dibromoethane (EDB)	<1.0	ug/L	05/04/1992
Dibromomethane	<1.0	ug/L	05/04/1992
1,2-Dichlorobenzene	<1.0	ug/L	05/04/1992
1,3-Dichlorobenzene	<1.0	ug/L	05/04/1992
1,4-Dichlorobenzene	<1.0	ug/L	05/04/1992
Dichlorodifluoromethane	<1.0	ug/L	05/04/1992
1,1-Dichloroethane	<1.0	ug/L	05/04/1992
1,2-Dichloroethane	<1.0	ug/L	05/04/1992
1,1-Dichloroethene	<1.0	ug/L	05/04/1992
cis-1,2-Dichloroethene	<1.0	ug/L	05/04/1992
trans-1,2-Dichloroethene	<1.0	ug/L	05/04/1992
1,2-Dichloropropane	<1.0	ug/L	05/04/1992
1,3-Dichloropropane	<1.0	ug/L	05/04/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

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05/20/1992
Job No: 92.1655
Sample No: 43878
Account No: 21400
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JOB DESCRIPTION: Wisconsin Air Natl Guard
SAMPLE DESCRIPTION: W-21
Wisconsin Air National Guard-Truax Airport

Date Taken: 04/20/1992

Date Received: 04/22/1992

Parameter	Result	Unit of Measure	Date Analyzed
2,2-Dichloropropane	<1.0	ug/L	05/04/1992
1,1-Dichloropropene	<1.0	ug/L	05/04/1992
cis-1,3-Dichloropropene	<1.0	ug/L	05/04/1992
trans-1,3-Dichloropropene	<1.0	ug/L	05/04/1992
Ethylbenzene	<1.0	ug/L	05/04/1992
Hexachlorobutadiene	<1.0	ug/L	05/04/1992
Isopropylbenzene	<1.0	ug/L	05/04/1992
p-Isopropyltoluene	<1.0	ug/L	05/04/1992
Methylene Chloride	<10.	ug/L	05/04/1992
Naphthalene	<1.0	ug/L	05/04/1992
n-Propylbenzene	<1.0	ug/L	05/04/1992
Styrene	<1.0	ug/L	05/04/1992
1,1,1,2-Tetrachloroethane	<1.0	ug/L	05/04/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	05/04/1992
Tetrachloroethene	<1.0	ug/L	05/04/1992
Toluene	16.	ug/L	05/04/1992
1,2,3-Trichlorobenzene	<1.0	ug/L	05/04/1992
1,2,4-Trichlorobenzene	<1.0	ug/L	05/04/1992
1,1,1-Trichloroethane	<1.0	ug/L	05/04/1992
1,1,2-Trichloroethane	<1.0	ug/L	05/04/1992
Trichloroethene	<1.0	ug/L	05/04/1992
Trichlorofluoromethane	<1.0	ug/L	05/04/1992
1,2,3-Trichloropropane	<1.0	ug/L	05/04/1992
1,2,4-Trimethylbenzene	<1.0	ug/L	05/04/1992
1,3,5-Trimethylbenzene	<1.0	ug/L	05/04/1992
Vinyl Chloride	<1.0	ug/L	05/04/1992
Xylenes, Total	<1.0	ug/L	05/04/1992
Methyl-t-butyl ether	<1.0	ug/L	05/04/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1655
Sample No: 43879
Account No: 21400
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JOB DESCRIPTION: Wisconsin Air Natl Guard
SAMPLE DESCRIPTION: W-22S
Wisconsin Air National Guard-Truax Airport

Date Taken: 04/20/1992

Date Received: 04/22/1992

Parameter	Result	Unit of Measure	Date Analyzed
VOC - AQUEOUS - EPA 8021			
Benzene	<1.0	ug/L	05/04/1992
Bromobenzene	<1.0	ug/L	05/04/1992
Bromochloromethane	<1.0	ug/L	05/04/1992
Bromodichloromethane	<1.0	ug/L	05/04/1992
Bromoform	<1.0	ug/L	05/04/1992
Bromomethane	<1.0	ug/L	05/04/1992
n-Butylbenzene	<1.0	ug/L	05/04/1992
sec-Butylbenzene	<1.0	ug/L	05/04/1992
tert-Butylbenzene	<1.0	ug/L	05/04/1992
Carbon Tetrachloride	<1.0	ug/L	05/04/1992
Chlorobenzene	<1.0	ug/L	05/04/1992
Chlorodibromomethane	<1.0	ug/L	05/04/1992
Chloroethane	<1.0	ug/L	05/04/1992
Chloromethane	<1.0	ug/L	05/04/1992
2-Chlorotoluene	<1.0	ug/L	05/04/1992
4-Chlorotoluene	<1.0	ug/L	05/04/1992
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	05/04/1992
1,2-Dibromoethane (EDB)	<1.0	ug/L	05/04/1992
Dibromomethane	<1.0	ug/L	05/04/1992
1,2-Dichlorobenzene	<1.0	ug/L	05/04/1992
1,3-Dichlorobenzene	<1.0	ug/L	05/04/1992
1,4-Dichlorobenzene	<1.0	ug/L	05/04/1992
Dichlorodifluoromethane	<1.0	ug/L	05/04/1992
1,1-Dichloroethane	<1.0	ug/L	05/04/1992
1,2-Dichloroethane	<1.0	ug/L	05/04/1992
1,1-Dichloroethene	<1.0	ug/L	05/04/1992
cis-1,2-Dichloroethene	<1.0	ug/L	05/04/1992
trans-1,2-Dichloroethene	<1.0	ug/L	05/04/1992
1,2-Dichloropropane	<1.0	ug/L	05/04/1992
1,3-Dichloropropane	<1.0	ug/L	05/04/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

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05/20/1992
Job No: 92.1655
Sample No: 43879
Account No: 21400
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JOB DESCRIPTION: Wisconsin Air Natl Guard
SAMPLE DESCRIPTION: W-22S
Wisconsin Air National Guard-Truax Airport

Date Taken: 04/20/1992

Date Received: 04/22/1992

Parameter	Result	Unit of Measure	Date Analyzed
2,2-Dichloropropane	<1.0	ug/L	05/04/1992
1,1-Dichloropropene	<1.0	ug/L	05/04/1992
cis-1,3-Dichloropropene	<1.0	ug/L	05/04/1992
trans-1,3-Dichloropropene	<1.0	ug/L	05/04/1992
Ethylbenzene	<1.0	ug/L	05/04/1992
Hexachlorobutadiene	<1.0	ug/L	05/04/1992
Isopropylbenzene	<1.0	ug/L	05/04/1992
p-Isopropyltoluene	<1.0	ug/L	05/04/1992
Methylene Chloride	<10.	ug/L	05/04/1992
Naphthalene	<1.0	ug/L	05/04/1992
n-Propylbenzene	<1.0	ug/L	05/04/1992
Styrene	<1.0	ug/L	05/04/1992
1,1,1,2-Tetrachloroethane	<1.0	ug/L	05/04/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	05/04/1992
Tetrachloroethene	<1.0	ug/L	05/04/1992
Toluene	1.3	ug/L	05/04/1992
1,2,3-Trichlorobenzene	<1.0	ug/L	05/04/1992
1,2,4-Trichlorobenzene	<1.0	ug/L	05/04/1992
1,1,1-Trichloroethane	<1.0	ug/L	05/04/1992
1,1,2-Trichloroethane	<1.0	ug/L	05/04/1992
Trichloroethene	<1.0	ug/L	05/04/1992
Trichlorofluoromethane	<1.0	ug/L	05/04/1992
1,2,3-Trichloropropane	<1.0	ug/L	05/04/1992
1,2,4-Trimethylbenzene	<1.0	ug/L	05/04/1992
1,3,5-Trimethylbenzene	<1.0	ug/L	05/04/1992
Vinyl Chloride	<1.0	ug/L	05/04/1992
Xylenes, Total	<1.0	ug/L	05/04/1992
Methyl-t-butyl ether	<1.0	ug/L	05/04/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1655
Sample No: 43880
Account No: 21400
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JOB DESCRIPTION: Wisconsin Air Natl Guard
SAMPLE DESCRIPTION: W-22D
Wisconsin Air National Guard-Truax Airport

Date Taken: 04/20/1992

Date Received: 04/22/1992

Parameter	Result	Unit of Measure	Date Analyzed
VOC - AQUEOUS - EPA 8021			
Benzene	28.	ug/L	05/04/1992
Bromobenzene	<1.0	ug/L	05/04/1992
Bromochloromethane	<1.0	ug/L	05/04/1992
Bromodichloromethane	<1.0	ug/L	05/04/1992
Bromoform	<1.0	ug/L	05/04/1992
Bromomethane	<1.0	ug/L	05/04/1992
n-Butylbenzene	<1.0	ug/L	05/04/1992
sec-Butylbenzene	<1.0	ug/L	05/04/1992
tert-Butylbenzene	<1.0	ug/L	05/04/1992
Carbon Tetrachloride	<1.0	ug/L	05/04/1992
Chlorobenzene	<1.0	ug/L	05/04/1992
Chlorodibromomethane	<1.0	ug/L	05/04/1992
Chloroethane	<1.0	ug/L	05/04/1992
Chloromethane	<1.0	ug/L	05/04/1992
2-Chlorotoluene	<1.0	ug/L	05/04/1992
4-Chlorotoluene	<1.0	ug/L	05/04/1992
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	05/04/1992
1,2-Dibromoethane (EDB)	<1.0	ug/L	05/04/1992
Dibromomethane	<1.0	ug/L	05/04/1992
1,2-Dichlorobenzene	<1.0	ug/L	05/04/1992
1,3-Dichlorobenzene	<1.0	ug/L	05/04/1992
1,4-Dichlorobenzene	<1.0	ug/L	05/04/1992
Dichlorodifluoromethane	<1.0	ug/L	05/04/1992
1,1-Dichloroethane	<1.0	ug/L	05/04/1992
1,2-Dichloroethane	<1.0	ug/L	05/04/1992
1,1-Dichloroethene	<1.0	ug/L	05/04/1992
cis-1,2-Dichloroethene	<1.0	ug/L	05/04/1992
trans-1,2-Dichloroethene	<1.0	ug/L	05/04/1992
1,2-Dichloropropane	<1.0	ug/L	05/04/1992
1,3-Dichloropropane	<1.0	ug/L	05/04/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Mr. Bob Nauta
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05/20/1992
Job No: 92.1655
Sample No: 43880
Account No: 21400
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JOB DESCRIPTION: Wisconsin Air Natl Guard
SAMPLE DESCRIPTION: W-22D
Wisconsin Air National Guard-Truax Airport

Date Taken: 04/20/1992

Date Received: 04/22/1992

Parameter	Result	Unit of Measure	Date Analyzed
2,2-Dichloropropane	<1.0	ug/L	05/04/1992
1,1-Dichloropropene	<1.0	ug/L	05/04/1992
cis-1,3-Dichloropropene	<1.0	ug/L	05/04/1992
trans-1,3-Dichloropropene	<1.0	ug/L	05/04/1992
Ethylbenzene	<1.0	ug/L	05/04/1992
Hexachlorobutadiene	<1.0	ug/L	05/04/1992
Isopropylbenzene	<1.0	ug/L	05/04/1992
p-Isopropyltoluene	<1.0	ug/L	05/04/1992
Methylene Chloride	<10.	ug/L	05/04/1992
Naphthalene	<1.0	ug/L	05/04/1992
n-Propylbenzene	<1.0	ug/L	05/04/1992
Styrene	<1.0	ug/L	05/04/1992
1,1,1,2-Tetrachloroethane	<1.0	ug/L	05/04/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	05/04/1992
Tetrachloroethene	<1.0	ug/L	05/04/1992
Toluene	<1.0	ug/L	05/04/1992
1,2,3-Trichlorobenzene	<1.0	ug/L	05/04/1992
1,2,4-Trichlorobenzene	<1.0	ug/L	05/04/1992
1,1,1-Trichloroethane	<1.0	ug/L	05/04/1992
1,1,2-Trichloroethane	<1.0	ug/L	05/04/1992
Trichloroethene	<1.0	ug/L	05/04/1992
Trichlorofluoromethane	<1.0	ug/L	05/04/1992
1,2,3-Trichloropropane	<1.0	ug/L	05/04/1992
1,2,4-Trimethylbenzene	<1.0	ug/L	05/04/1992
1,3,5-Trimethylbenzene	<1.0	ug/L	05/04/1992
Vinyl Chloride	<1.0	ug/L	05/04/1992
Xylenes, Total	<1.0	ug/L	05/04/1992
Methyl-t-butyl ether	<1.0	ug/L	05/04/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1655
Sample No: 43881
Account No: 21400
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JOB DESCRIPTION: Wisconsin Air Natl Guard
SAMPLE DESCRIPTION: W-23
Wisconsin Air National Guard-Truax Airport

Date Taken: 04/20/1992

Date Received: 04/22/1992

Parameter	Result	Unit of Measure	Date Analyzed
VOC - AQUEOUS - EPA 8021			
Benzene	<1.0	ug/L	05/04/1992
Bromobenzene	<1.0	ug/L	05/04/1992
Bromochloromethane	<1.0	ug/L	05/04/1992
Bromodichloromethane	<1.0	ug/L	05/04/1992
Bromoform	<1.0	ug/L	05/04/1992
Bromomethane	<1.0	ug/L	05/04/1992
n-Butylbenzene	<1.0	ug/L	05/04/1992
sec-Butylbenzene	<1.0	ug/L	05/04/1992
tert-Butylbenzene	<1.0	ug/L	05/04/1992
Carbon Tetrachloride	<1.0	ug/L	05/04/1992
Chlorobenzene	<1.0	ug/L	05/04/1992
Chlorodibromomethane	<1.0	ug/L	05/04/1992
Chloroethane	<1.0	ug/L	05/04/1992
Chloromethane	<1.0	ug/L	05/04/1992
2-Chlorotoluene	<1.0	ug/L	05/04/1992
4-Chlorotoluene	<1.0	ug/L	05/04/1992
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	05/04/1992
1,2-Dibromoethane (EDB)	<1.0	ug/L	05/04/1992
Dibromomethane	<1.0	ug/L	05/04/1992
1,2-Dichlorobenzene	<1.0	ug/L	05/04/1992
1,3-Dichlorobenzene	<1.0	ug/L	05/04/1992
1,4-Dichlorobenzene	<1.0	ug/L	05/04/1992
Dichlorodifluoromethane	<1.0	ug/L	05/04/1992
1,1-Dichloroethane	<1.0	ug/L	05/04/1992
1,2-Dichloroethane	<1.0	ug/L	05/04/1992
1,1-Dichloroethene	<1.0	ug/L	05/04/1992
cis-1,2-Dichloroethene	<1.0	ug/L	05/04/1992
trans-1,2-Dichloroethene	<1.0	ug/L	05/04/1992
1,2-Dichloropropane	<1.0	ug/L	05/04/1992
1,3-Dichloropropane	<1.0	ug/L	05/04/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

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05/20/1992
Job No: 92.1655
Sample No: 43881
Account No: 21400
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JOB DESCRIPTION: Wisconsin Air Natl Guard
SAMPLE DESCRIPTION: W-23
Wisconsin Air National Guard-Truax Airport

Date Taken: 04/20/1992

Date Received: 04/22/1992

Parameter	Result	Unit of Measure	Date Analyzed
2,2-Dichloropropane	<1.0	ug/L	05/04/1992
1,1-Dichloropropene	<1.0	ug/L	05/04/1992
cis-1,3-Dichloropropene	<1.0	ug/L	05/04/1992
trans-1,3-Dichloropropene	<1.0	ug/L	05/04/1992
Ethylbenzene	<1.0	ug/L	05/04/1992
Hexachlorobutadiene	<1.0	ug/L	05/04/1992
Isopropylbenzene	<1.0	ug/L	05/04/1992
p-Isopropyltoluene	<1.0	ug/L	05/04/1992
Methylene Chloride	<10.	ug/L	05/04/1992
Naphthalene	<1.0	ug/L	05/04/1992
n-Propylbenzene	<1.0	ug/L	05/04/1992
Styrene	<1.0	ug/L	05/04/1992
1,1,1,2-Tetrachloroethane	<1.0	ug/L	05/04/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	05/04/1992
Tetrachloroethene	<1.0	ug/L	05/04/1992
Toluene	<1.0	ug/L	05/04/1992
1,2,3-Trichlorobenzene	<1.0	ug/L	05/04/1992
1,2,4-Trichlorobenzene	<1.0	ug/L	05/04/1992
1,1,1-Trichloroethane	<1.0	ug/L	05/04/1992
1,1,2-Trichloroethane	<1.0	ug/L	05/04/1992
Trichloroethene	<1.0	ug/L	05/04/1992
Trichlorofluoromethane	<1.0	ug/L	05/04/1992
1,2,3-Trichloropropane	<1.0	ug/L	05/04/1992
1,2,4-Trimethylbenzene	<1.0	ug/L	05/04/1992
1,3,5-Trimethylbenzene	<1.0	ug/L	05/04/1992
Vinyl Chloride	<1.0	ug/L	05/04/1992
Xylenes, Total	<1.0	ug/L	05/04/1992
Methyl-t-butyl ether	<1.0	ug/L	05/04/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



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ANALYTICAL REPORT

Mr. Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/20/1992
Job No: 92.1655
Sample No: 43882
Account No: 21400
Page 11

JOB DESCRIPTION: Wisconsin Air Natl Guard
SAMPLE DESCRIPTION: GWDUP#1
Wisconsin Air National Guard-Truax Airport

Date Taken: 04/20/1992

Date Received: 04/22/1992

Parameter	Result	Unit of Measure	Date Analyzed
VOC - AQUEOUS - EPA 8021			
Benzene	<1.0	ug/L	05/04/1992
Bromobenzene	<1.0	ug/L	05/04/1992
Bromochloromethane	<1.0	ug/L	05/04/1992
Bromodichloromethane	<1.0	ug/L	05/04/1992
Bromoform	<1.0	ug/L	05/04/1992
Bromomethane	<1.0	ug/L	05/04/1992
n-Butylbenzene	<1.0	ug/L	05/04/1992
sec-Butylbenzene	<1.0	ug/L	05/04/1992
tert-Butylbenzene	<1.0	ug/L	05/04/1992
Carbon Tetrachloride	<1.0	ug/L	05/04/1992
Chlorobenzene	<1.0	ug/L	05/04/1992
Chlorodibromomethane	<1.0	ug/L	05/04/1992
Chloroethane	<1.0	ug/L	05/04/1992
Chloromethane	<1.0	ug/L	05/04/1992
2-Chlorotoluene	<1.0	ug/L	05/04/1992
4-Chlorotoluene	<1.0	ug/L	05/04/1992
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	05/04/1992
1,2-Dibromoethane (EDB)	<1.0	ug/L	05/04/1992
Dibromomethane	<1.0	ug/L	05/04/1992
1,2-Dichlorobenzene	<1.0	ug/L	05/04/1992
1,3-Dichlorobenzene	<1.0	ug/L	05/04/1992
1,4-Dichlorobenzene	<1.0	ug/L	05/04/1992
Dichlorodifluoromethane	<1.0	ug/L	05/04/1992
1,1-Dichloroethane	<1.0	ug/L	05/04/1992
1,2-Dichloroethane	<1.0	ug/L	05/04/1992
1,1-Dichloroethene	<1.0	ug/L	05/04/1992
cis-1,2-Dichloroethene	<1.0	ug/L	05/04/1992
trans-1,2-Dichloroethene	<1.0	ug/L	05/04/1992
1,2-Dichloropropane	<1.0	ug/L	05/04/1992
1,3-Dichloropropane	<1.0	ug/L	05/04/1992

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ANALYTICAL REPORT

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1846 Hoffman Street
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05/20/1992
Job No: 92.1655
Sample No: 43882
Account No: 21400
Page 12

JOB DESCRIPTION: Wisconsin Air Natl Guard
SAMPLE DESCRIPTION: GWDUP#1
Wisconsin Air National Guard-Truax Airport

Date Taken: 04/20/1992

Date Received: 04/22/1992

Parameter	Result	Unit of Measure	Date Analyzed
2,2-Dichloropropane	<1.0	ug/L	05/04/1992
1,1-Dichloropropene	<1.0	ug/L	05/04/1992
cis-1,3-Dichloropropene	<1.0	ug/L	05/04/1992
trans-1,3-Dichloropropene	<1.0	ug/L	05/04/1992
Ethylbenzene	<1.0	ug/L	05/04/1992
Hexachlorobutadiene	<1.0	ug/L	05/04/1992
Isopropylbenzene	<1.0	ug/L	05/04/1992
p-Isopropyltoluene	<1.0	ug/L	05/04/1992
Methylene Chloride	<10.	ug/L	05/04/1992
Naphthalene	<1.0	ug/L	05/04/1992
n-Propylbenzene	<1.0	ug/L	05/04/1992
Styrene	<1.0	ug/L	05/04/1992
1,1,1,2-Tetrachloroethane	<1.0	ug/L	05/04/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	05/04/1992
Tetrachloroethene	<1.0	ug/L	05/04/1992
Toluene	15.	ug/L	05/04/1992
1,2,3-Trichlorobenzene	<1.0	ug/L	05/04/1992
1,2,4-Trichlorobenzene	<1.0	ug/L	05/04/1992
1,1,1-Trichloroethane	<1.0	ug/L	05/04/1992
1,1,2-Trichloroethane	<1.0	ug/L	05/04/1992
Trichloroethene	<1.0	ug/L	05/04/1992
Trichlorofluoromethane	<1.0	ug/L	05/04/1992
1,2,3-Trichloropropane	<1.0	ug/L	05/04/1992
1,2,4-Trimethylbenzene	<1.0	ug/L	05/04/1992
1,3,5-Trimethylbenzene	<1.0	ug/L	05/04/1992
Vinyl Chloride	<1.0	ug/L	05/04/1992
Xylenes, Total	<1.0	ug/L	05/04/1992
Methyl-t-butyl ether	<1.0	ug/L	05/04/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Mr. Bob Nauta
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1846 Hoffman Street
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Madison, WI 53704

05/20/1992
Job No: 92.1655
Sample No: 43883
Account No: 21400
Page 13

JOB DESCRIPTION: Wisconsin Air Natl Guard
SAMPLE DESCRIPTION: Rinse Blank
Wisconsin Air National Guard-Truax Airport

Date Taken: 04/20/1992

Date Received: 04/22/1992

Parameter	Result	Unit of Measure	Date Analyzed
VOC - AQUEOUS - EPA 8021			
Benzene	<1.0	ug/L	05/01/1992
Bromobenzene	<1.0	ug/L	05/01/1992
Bromochloromethane	<1.0	ug/L	05/01/1992
Bromodichloromethane	<1.0	ug/L	05/01/1992
Bromoform	<1.0	ug/L	05/01/1992
Bromomethane	<1.0	ug/L	05/01/1992
n-Butylbenzene	<1.0	ug/L	05/01/1992
sec-Butylbenzene	<1.0	ug/L	05/01/1992
tert-Butylbenzene	<1.0	ug/L	05/01/1992
Carbon Tetrachloride	<1.0	ug/L	05/01/1992
Chlorobenzene	<1.0	ug/L	05/01/1992
Chlorodibromomethane	<1.0	ug/L	05/01/1992
Chloroethane	<1.0	ug/L	05/01/1992
Chloromethane	<1.0	ug/L	05/01/1992
2-Chlorotoluene	<1.0	ug/L	05/01/1992
4-Chlorotoluene	<1.0	ug/L	05/01/1992
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	05/01/1992
1,2-Dibromoethane (EDB)	<1.0	ug/L	05/01/1992
Dibromomethane	<1.0	ug/L	05/01/1992
1,2-Dichlorobenzene	<1.0	ug/L	05/01/1992
1,3-Dichlorobenzene	<1.0	ug/L	05/01/1992
1,4-Dichlorobenzene	<1.0	ug/L	05/01/1992
Dichlorodifluoromethane	<1.0	ug/L	05/01/1992
1,1-Dichloroethane	<1.0	ug/L	05/01/1992
1,2-Dichloroethane	<1.0	ug/L	05/01/1992
1,1-Dichloroethene	<1.0	ug/L	05/01/1992
cis-1,2-Dichloroethene	<1.0	ug/L	05/01/1992
trans-1,2-Dichloroethene	<1.0	ug/L	05/01/1992
1,2-Dichloropropane	<1.0	ug/L	05/01/1992
1,3-Dichloropropane	<1.0	ug/L	05/01/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1655
Sample No: 43883
Account No: 21400
Page 14

JOB DESCRIPTION: Wisconsin Air Natl Guard
SAMPLE DESCRIPTION: Rinse Blank
Wisconsin Air National Guard-Truax Airport

Date Taken: 04/20/1992

Date Received: 04/22/1992

Parameter	Result	Unit of Measure	Date Analyzed
2,2-Dichloropropane	<1.0	ug/L	05/01/1992
1,1-Dichloropropene	<1.0	ug/L	05/01/1992
cis-1,3-Dichloropropene	<1.0	ug/L	05/01/1992
trans-1,3-Dichloropropene	<1.0	ug/L	05/01/1992
Ethylbenzene	<1.0	ug/L	05/01/1992
Hexachlorobutadiene	<1.0	ug/L	05/01/1992
Isopropylbenzene	<1.0	ug/L	05/01/1992
p-Isopropyltoluene	<1.0	ug/L	05/01/1992
Methylene Chloride	<10.	ug/L	05/01/1992
Naphthalene	<1.0	ug/L	05/01/1992
n-Propylbenzene	<1.0	ug/L	05/01/1992
Styrene	<1.0	ug/L	05/01/1992
1,1,1,2-Tetrachloroethane	<1.0	ug/L	05/01/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	05/01/1992
Tetrachloroethene	<1.0	ug/L	05/01/1992
Toluene	<1.0	ug/L	05/01/1992
1,2,3-Trichlorobenzene	<1.0	ug/L	05/01/1992
1,2,4-Trichlorobenzene	<1.0	ug/L	05/01/1992
1,1,1-Trichloroethane	<1.0	ug/L	05/01/1992
1,1,2-Trichloroethane	<1.0	ug/L	05/01/1992
Trichloroethene	<1.0	ug/L	05/01/1992
Trichlorofluoromethane	<1.0	ug/L	05/01/1992
1,2,3-Trichloropropane	<1.0	ug/L	05/01/1992
1,2,4-Trimethylbenzene	<1.0	ug/L	05/01/1992
1,3,5-Trimethylbenzene	<1.0	ug/L	05/01/1992
Vinyl Chloride	<1.0	ug/L	05/01/1992
Xylenes, Total	<1.0	ug/L	05/01/1992
Methyl-t-butyl ether	<1.0	ug/L	05/01/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1655
Sample No: 43884
Account No: 21400
Page 15

JOB DESCRIPTION: Wisconsin Air Natl Guard
SAMPLE DESCRIPTION: Trip Blank
Wisconsin Air National Guard-Truax Airport

Date Taken: 04/20/1992

Date Received: 04/22/1992

Parameter	Result	Unit of Measure	Date Analyzed
VOC - AQUEOUS - EPA 8021			
Benzene	<1.0	ug/L	05/01/1992
Bromobenzene	<1.0	ug/L	05/01/1992
Bromochloromethane	<1.0	ug/L	05/01/1992
Bromodichloromethane	<1.0	ug/L	05/01/1992
Bromoform	<1.0	ug/L	05/01/1992
Bromomethane	<1.0	ug/L	05/01/1992
n-Butylbenzene	<1.0	ug/L	05/01/1992
sec-Butylbenzene	<1.0	ug/L	05/01/1992
tert-Butylbenzene	<1.0	ug/L	05/01/1992
Carbon Tetrachloride	<1.0	ug/L	05/01/1992
Chlorobenzene	<1.0	ug/L	05/01/1992
Chlorodibromomethane	<1.0	ug/L	05/01/1992
Chloroethane	<1.0	ug/L	05/01/1992
Chloromethane	<1.0	ug/L	05/01/1992
2-Chlorotoluene	<1.0	ug/L	05/01/1992
4-Chlorotoluene	<1.0	ug/L	05/01/1992
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	05/01/1992
1,2-Dibromoethane (EDB)	<1.0	ug/L	05/01/1992
Dibromomethane	<1.0	ug/L	05/01/1992
1,2-Dichlorobenzene	<1.0	ug/L	05/01/1992
1,3-Dichlorobenzene	<1.0	ug/L	05/01/1992
1,4-Dichlorobenzene	<1.0	ug/L	05/01/1992
Dichlorodifluoromethane	<1.0	ug/L	05/01/1992
1,1-Dichloroethane	<1.0	ug/L	05/01/1992
1,2-Dichloroethane	<1.0	ug/L	05/01/1992
1,1-Dichloroethene	<1.0	ug/L	05/01/1992
cis-1,2-Dichloroethene	<1.0	ug/L	05/01/1992
trans-1,2-Dichloroethene	<1.0	ug/L	05/01/1992
1,2-Dichloropropane	<1.0	ug/L	05/01/1992
1,3-Dichloropropane	<1.0	ug/L	05/01/1992

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ANALYTICAL REPORT

Bob Nauta
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1846 Hoffman Street
Suite 101
Madison, WI 53704

05/20/1992
Job No: 92.1568
Sample No: 43447
Account No: 21400
Page 49

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: W-20 (5-6.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	93.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/26/1992
Bromobenzene	<0.1	mg/kg	04/26/1992
Bromochloromethane	<0.1	mg/kg	04/26/1992
Bromodichloromethane	<0.1	mg/kg	04/26/1992
Bromoform	<0.1	mg/kg	04/26/1992
Bromomethane	<0.1	mg/kg	04/26/1992
n-Butylbenzene	<0.1	mg/kg	04/26/1992
sec-Butylbenzene	<0.1	mg/kg	04/26/1992
tert-Butylbenzene	<0.1	mg/kg	04/26/1992
Carbon Tetrachloride	<0.1	mg/kg	04/26/1992
Chlorobenzene	<0.1	mg/kg	04/26/1992
Chlorodibromomethane	<0.1	mg/kg	04/26/1992
Chloroethane	<0.1	mg/kg	04/26/1992
Chloromethane	<0.1	mg/kg	04/26/1992
2-Chlorotoluene	<0.1	mg/kg	04/26/1992
4-Chlorotoluene	<0.1	mg/kg	04/26/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/26/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/26/1992
Dibromomethane	<0.1	mg/kg	04/26/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/26/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethane	<0.1	mg/kg	04/26/1992
1,2-Dichloroethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethene	<0.1	mg/kg	04/26/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
1,2-Dichloropropane	<0.1	mg/kg	04/26/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43447
Account No: 21400
Page 50

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: W-20 (5-6.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/26/1992
2,2-Dichloropropane	<0.1	mg/kg	04/26/1992
1,1-Dichloropropene	<0.1	mg/kg	04/26/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
Ethylbenzene	<0.1	mg/kg	04/26/1992
Hexachlorobutadiene	<0.1	mg/kg	04/26/1992
Isopropylbenzene	<0.1	mg/kg	04/26/1992
p-Isopropyltoluene	<0.1	mg/kg	04/26/1992
Methylene Chloride	<1.0	mg/kg	04/26/1992
Naphthalene	<0.1	mg/kg	04/26/1992
n-Propylbenzene	<0.1	mg/kg	04/26/1992
Styrene	<0.1	mg/kg	04/26/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
Tetrachloroethene	<0.1	mg/kg	04/26/1992
Toluene	<0.1	mg/kg	04/26/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/26/1992
Trichloroethene	<0.1	mg/kg	04/26/1992
Trichlorofluoromethane	<0.1	mg/kg	04/26/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/26/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/26/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/26/1992
Vinyl Chloride	<0.1	mg/kg	04/26/1992
Xylenes, Total	<0.1	mg/kg	04/26/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/26/1992

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ANALYTICAL REPORT

Bob Nauta
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1846 Hoffman Street
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05/20/1992
Job No: 92.1568
Sample No: 43448
Account No: 21400
Page 51

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: W-20 (10-11.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	88.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/26/1992
Bromobenzene	<0.1	mg/kg	04/26/1992
Bromochloromethane	<0.1	mg/kg	04/26/1992
Bromodichloromethane	<0.1	mg/kg	04/26/1992
Bromoform	<0.1	mg/kg	04/26/1992
Bromomethane	<0.1	mg/kg	04/26/1992
n-Butylbenzene	<0.1	mg/kg	04/26/1992
sec-Butylbenzene	<0.1	mg/kg	04/26/1992
tert-Butylbenzene	<0.1	mg/kg	04/26/1992
Carbon Tetrachloride	<0.1	mg/kg	04/26/1992
Chlorobenzene	<0.1	mg/kg	04/26/1992
Chlorodibromomethane	<0.1	mg/kg	04/26/1992
Chloroethane	<0.1	mg/kg	04/26/1992
Chloromethane	<0.1	mg/kg	04/26/1992
2-Chlorotoluene	<0.1	mg/kg	04/26/1992
4-Chlorotoluene	<0.1	mg/kg	04/26/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/26/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/26/1992
Dibromomethane	<0.1	mg/kg	04/26/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/26/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethane	<0.1	mg/kg	04/26/1992
1,2-Dichloroethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethene	<0.1	mg/kg	04/26/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
1,2-Dichloropropane	<0.1	mg/kg	04/26/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43448
Account No: 21400
Page 52

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: W-20 (10-11.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/26/1992
2,2-Dichloropropane	<0.1	mg/kg	04/26/1992
1,1-Dichloropropene	<0.1	mg/kg	04/26/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
Ethylbenzene	<0.1	mg/kg	04/26/1992
Hexachlorobutadiene	<0.1	mg/kg	04/26/1992
Isopropylbenzene	<0.1	mg/kg	04/26/1992
p-Isopropyltoluene	<0.1	mg/kg	04/26/1992
Methylene Chloride	<1.0	mg/kg	04/26/1992
Naphthalene	<0.1	mg/kg	04/26/1992
n-Propylbenzene	<0.1	mg/kg	04/26/1992
Styrene	<0.1	mg/kg	04/26/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
Tetrachloroethene	<0.1	mg/kg	04/26/1992
Toluene	<0.1	mg/kg	04/26/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/26/1992
Trichloroethene	<0.1	mg/kg	04/26/1992
Trichlorofluoromethane	<0.1	mg/kg	04/26/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/26/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/26/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/26/1992
Vinyl Chloride	<0.1	mg/kg	04/26/1992
Xylenes, Total	<0.1	mg/kg	04/26/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/26/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Bob Nauta
DAMES & MOORE
1846 Hoffman Street
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05/20/1992
Job No: 92.1568
Sample No: 43449
Account No: 21400
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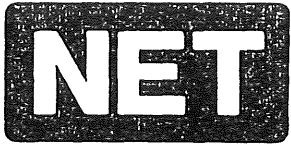
JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: W-21 (2.5-4')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	82.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	0.1	mg/kg	04/26/1992
Bromobenzene	<0.1	mg/kg	04/26/1992
Bromochloromethane	<0.1	mg/kg	04/26/1992
Bromodichloromethane	<0.1	mg/kg	04/26/1992
Bromoform	<0.1	mg/kg	04/26/1992
Bromomethane	<0.1	mg/kg	04/26/1992
n-Butylbenzene	<0.1	mg/kg	04/26/1992
sec-Butylbenzene	<0.1	mg/kg	04/26/1992
tert-Butylbenzene	<0.1	mg/kg	04/26/1992
Carbon Tetrachloride	<0.1	mg/kg	04/26/1992
Chlorobenzene	<0.1	mg/kg	04/26/1992
Chlorodibromomethane	<0.1	mg/kg	04/26/1992
Chloroethane	<0.1	mg/kg	04/26/1992
Chloromethane	<0.1	mg/kg	04/26/1992
2-Chlorotoluene	<0.1	mg/kg	04/26/1992
4-Chlorotoluene	<0.1	mg/kg	04/26/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/26/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/26/1992
Dibromomethane	<0.1	mg/kg	04/26/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/26/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/26/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethane	<0.1	mg/kg	04/26/1992
1,2-Dichloroethane	<0.1	mg/kg	04/26/1992
1,1-Dichloroethene	<0.1	mg/kg	04/26/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/26/1992
1,2-Dichloropropane	<0.1	mg/kg	04/26/1992

David W. Havick, Manager
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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43449
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: W-21 (2.5-4')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/26/1992
2,2-Dichloropropane	<0.1	mg/kg	04/26/1992
1,1-Dichloropropene	<0.1	mg/kg	04/26/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/26/1992
Ethylbenzene	<0.1	mg/kg	04/26/1992
Hexachlorobutadiene	<0.1	mg/kg	04/26/1992
Isopropylbenzene	<0.1	mg/kg	04/26/1992
p-Isopropyltoluene	<0.1	mg/kg	04/26/1992
Methylene Chloride	<1.0	mg/kg	04/26/1992
Naphthalene	<0.1	mg/kg	04/26/1992
n-Propylbenzene	<0.1	mg/kg	04/26/1992
Styrene	<0.1	mg/kg	04/26/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/26/1992
Tetrachloroethene	<0.1	mg/kg	04/26/1992
Toluene	<0.1	mg/kg	04/26/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/26/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/26/1992
Trichloroethene	<0.1	mg/kg	04/26/1992
Trichlorofluoromethane	<0.1	mg/kg	04/26/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/26/1992
1,2,4-Trimethylbenzene	0.1	mg/kg	04/26/1992
1,3,5-Trimethylbenzene	0.1	mg/kg	04/26/1992
Vinyl Chloride	<0.1	mg/kg	04/26/1992
Xylenes, Total	0.1	mg/kg	04/26/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/26/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43450
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: W-21 (10-11.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	79.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/28/1992
Bromobenzene	<0.1	mg/kg	04/28/1992
Bromochloromethane	<0.1	mg/kg	04/28/1992
Bromodichloromethane	<0.1	mg/kg	04/28/1992
Bromoform	<0.1	mg/kg	04/28/1992
Bromomethane	<0.1	mg/kg	04/28/1992
n-Butylbenzene	<0.1	mg/kg	04/28/1992
sec-Butylbenzene	<0.1	mg/kg	04/28/1992
tert-Butylbenzene	<0.1	mg/kg	04/28/1992
Carbon Tetrachloride	<0.1	mg/kg	04/28/1992
Chlorobenzene	<0.1	mg/kg	04/28/1992
Chlorodibromomethane	<0.1	mg/kg	04/28/1992
Chloroethane	<0.1	mg/kg	04/28/1992
Chloromethane	<0.1	mg/kg	04/28/1992
2-Chlorotoluene	<0.1	mg/kg	04/28/1992
4-Chlorotoluene	<0.1	mg/kg	04/28/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/28/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/28/1992
Dibromomethane	<0.1	mg/kg	04/28/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/28/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/28/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/28/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/28/1992
1,1-Dichloroethane	<0.1	mg/kg	04/28/1992
1,2-Dichloroethane	<0.1	mg/kg	04/28/1992
1,1-Dichloroethene	<0.1	mg/kg	04/28/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/28/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/28/1992
1,2-Dichloropropane	<0.1	mg/kg	04/28/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43450
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: W-21 (10-11.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/14/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/28/1992
2,2-Dichloropropane	<0.1	mg/kg	04/28/1992
1,1-Dichloropropene	<0.1	mg/kg	04/28/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/28/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/28/1992
Ethylbenzene	<0.1	mg/kg	04/28/1992
Hexachlorobutadiene	<0.1	mg/kg	04/28/1992
Isopropylbenzene	<0.1	mg/kg	04/28/1992
p-Isopropyltoluene	<0.1	mg/kg	04/28/1992
Methylene Chloride	<1.0	mg/kg	04/28/1992
Naphthalene	<0.1	mg/kg	04/28/1992
n-Propylbenzene	<0.1	mg/kg	04/28/1992
Styrene	<0.1	mg/kg	04/28/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/28/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/28/1992
Tetrachloroethene	<0.1	mg/kg	04/28/1992
Toluene	<0.1	mg/kg	04/28/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/28/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/28/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/28/1992
Trichloroethene	<0.1	mg/kg	04/28/1992
Trichlorofluoromethane	<0.1	mg/kg	04/28/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/28/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/28/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/28/1992
Vinyl Chloride	<0.1	mg/kg	04/28/1992
Xylenes, Total	<0.1	mg/kg	04/28/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/28/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43451
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: W-22D (2.5-4')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/13/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	84.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/25/1992
Bromobenzene	<0.1	mg/kg	04/25/1992
Bromochloromethane	<0.1	mg/kg	04/25/1992
Bromodichloromethane	<0.1	mg/kg	04/25/1992
Bromoform	<0.1	mg/kg	04/25/1992
Bromomethane	<0.1	mg/kg	04/25/1992
n-Butylbenzene	<0.1	mg/kg	04/25/1992
sec-Butylbenzene	<0.1	mg/kg	04/25/1992
tert-Butylbenzene	<0.1	mg/kg	04/25/1992
Carbon Tetrachloride	<0.1	mg/kg	04/25/1992
Chlorobenzene	<0.1	mg/kg	04/25/1992
Chlorodibromomethane	<0.1	mg/kg	04/25/1992
Chloroethane	<0.1	mg/kg	04/25/1992
Chloromethane	<0.1	mg/kg	04/25/1992
2-Chlorotoluene	<0.1	mg/kg	04/25/1992
4-Chlorotoluene	<0.1	mg/kg	04/25/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/25/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/25/1992
Dibromomethane	<0.1	mg/kg	04/25/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/25/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/25/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/25/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/25/1992
1,1-Dichloroethane	<0.1	mg/kg	04/25/1992
1,2-Dichloroethane	<0.1	mg/kg	04/25/1992
1,1-Dichloroethene	<0.1	mg/kg	04/25/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/25/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/25/1992
1,2-Dichloropropane	<0.1	mg/kg	04/25/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43451
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: W-22D (2.5-4')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/13/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/25/1992
2,2-Dichloropropane	<0.1	mg/kg	04/25/1992
1,1-Dichloropropene	<0.1	mg/kg	04/25/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/25/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/25/1992
Ethylbenzene	<0.1	mg/kg	04/25/1992
Hexachlorobutadiene	<0.1	mg/kg	04/25/1992
Isopropylbenzene	<0.1	mg/kg	04/25/1992
p-Isopropyltoluene	<0.1	mg/kg	04/25/1992
Methylene Chloride	<1.0	mg/kg	04/25/1992
Naphthalene	<0.1	mg/kg	04/25/1992
n-Propylbenzene	<0.1	mg/kg	04/25/1992
Styrene	<0.1	mg/kg	04/25/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/25/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/25/1992
Tetrachloroethene	<0.1	mg/kg	04/25/1992
Toluene	<0.1	mg/kg	04/25/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/25/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/25/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/25/1992
Trichloroethene	<0.1	mg/kg	04/25/1992
Trichlorofluoromethane	<0.1	mg/kg	04/25/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/25/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/25/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/25/1992
Vinyl Chloride	<0.1	mg/kg	04/25/1992
Xylenes, Total	<0.1	mg/kg	04/25/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/25/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43452
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: W-22D (7.5-9')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/13/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	80.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	0.2	mg/kg	04/25/1992
Bromobenzene	<0.1	mg/kg	04/25/1992
Bromochloromethane	<0.1	mg/kg	04/25/1992
Bromodichloromethane	<0.1	mg/kg	04/25/1992
Bromoform	<0.1	mg/kg	04/25/1992
Bromomethane	<0.1	mg/kg	04/25/1992
n-Butylbenzene	<0.1	mg/kg	04/25/1992
sec-Butylbenzene	<0.1	mg/kg	04/25/1992
tert-Butylbenzene	<0.1	mg/kg	04/25/1992
Carbon Tetrachloride	<0.1	mg/kg	04/25/1992
Chlorobenzene	<0.1	mg/kg	04/25/1992
Chlorodibromomethane	<0.1	mg/kg	04/25/1992
Chloroethane	<0.1	mg/kg	04/25/1992
Chloromethane	<0.1	mg/kg	04/25/1992
2-Chlorotoluene	<0.1	mg/kg	04/25/1992
4-Chlorotoluene	<0.1	mg/kg	04/25/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/25/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/25/1992
Dibromomethane	<0.1	mg/kg	04/25/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/25/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/25/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/25/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/25/1992
1,1-Dichloroethane	<0.1	mg/kg	04/25/1992
1,2-Dichloroethane	3.8	mg/kg	04/25/1992
1,1-Dichloroethene	<0.1	mg/kg	04/25/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/25/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/25/1992
1,2-Dichloropropane	<0.1	mg/kg	04/25/1992

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ANALYTICAL REPORT

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05/20/1992
Job No: 92.1568
Sample No: 43452
Account No: 21400
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JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: W-22D (7.5-9')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/13/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/25/1992
2,2-Dichloropropane	<0.1	mg/kg	04/25/1992
1,1-Dichloropropene	<0.1	mg/kg	04/25/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/25/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/25/1992
Ethylbenzene	<0.1	mg/kg	04/25/1992
Hexachlorobutadiene	<0.1	mg/kg	04/25/1992
Isopropylbenzene	<0.1	mg/kg	04/25/1992
p-Isopropyltoluene	<0.1	mg/kg	04/25/1992
Methylene Chloride	<1.0	mg/kg	04/25/1992
Naphthalene	2.4	mg/kg	04/25/1992
n-Propylbenzene	<0.1	mg/kg	04/25/1992
Styrene	<0.1	mg/kg	04/25/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/25/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/25/1992
Tetrachloroethene	<0.1	mg/kg	04/25/1992
Toluene	<0.1	mg/kg	04/25/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/25/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/25/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/25/1992
Trichloroethene	<0.1	mg/kg	04/25/1992
Trichlorofluoromethane	<0.1	mg/kg	04/25/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/25/1992
1,2,4-Trimethylbenzene	0.3	mg/kg	04/25/1992
1,3,5-Trimethylbenzene	0.1	mg/kg	04/25/1992
Vinyl Chloride	<0.1	mg/kg	04/25/1992
Xylenes, Total	<0.1	mg/kg	04/25/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/25/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



ANALYTICAL REPORT

Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/20/1992
Job No: 92.1568
Sample No: 43453
Account No: 21400
Page 61

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: W-23 (5-6.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
Solids, Total	85.	%	04/25/1992
VOC NONAQUEOUS - EPA 8021			
Benzene	<0.1	mg/kg	04/28/1992
Bromobenzene	<0.1	mg/kg	04/28/1992
Bromochloromethane	<0.1	mg/kg	04/28/1992
Bromodichloromethane	<0.1	mg/kg	04/28/1992
Bromoform	<0.1	mg/kg	04/28/1992
Bromomethane	<0.1	mg/kg	04/28/1992
n-Butylbenzene	<0.1	mg/kg	04/28/1992
sec-Butylbenzene	<0.1	mg/kg	04/28/1992
tert-Butylbenzene	<0.1	mg/kg	04/28/1992
Carbon Tetrachloride	<0.1	mg/kg	04/28/1992
Chlorobenzene	<0.1	mg/kg	04/28/1992
Chlorodibromomethane	<0.1	mg/kg	04/28/1992
Chloroethane	<0.1	mg/kg	04/28/1992
Chloromethane	<0.1	mg/kg	04/28/1992
2-Chlorotoluene	<0.1	mg/kg	04/28/1992
4-Chlorotoluene	<0.1	mg/kg	04/28/1992
1,2-Dibromo-3-Chloropropane	<0.1	mg/kg	04/28/1992
1,2-Dibromoethane (EDB)	<0.1	mg/kg	04/28/1992
Dibromomethane	<0.1	mg/kg	04/28/1992
1,2-Dichlorobenzene	<0.1	mg/kg	04/28/1992
1,3-Dichlorobenzene	<0.1	mg/kg	04/28/1992
1,4-Dichlorobenzene	<0.1	mg/kg	04/28/1992
Dichlorodifluoromethane	<0.1	mg/kg	04/28/1992
1,1-Dichloroethane	<0.1	mg/kg	04/28/1992
1,2-Dichloroethane	<0.1	mg/kg	04/28/1992
1,1-Dichloroethene	<0.1	mg/kg	04/28/1992
cis-1,2-Dichloroethene	<0.1	mg/kg	04/28/1992
trans-1,2-Dichloroethene	<0.1	mg/kg	04/28/1992
1,2-Dichloropropane	<0.1	mg/kg	04/28/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



NATIONAL
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TESTING, INC.

NET Midwest, Inc.
Watertown Division
602 Commerce Drive
P.O. Box 288
Watertown, WI 53094
Tel: (414) 261-1660
Fax: (414) 261-8120

ANALYTICAL REPORT

Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/20/1992
Job No: 92.1568
Sample No: 43453
Account No: 21400
Page 62

JOB DESCRIPTION: Truax-WI Air Natl. Guard
SAMPLE DESCRIPTION: W-23 (5-6.5')
Truax-Wisconsin Air National Guard (WANG)

Date Taken: 04/15/1992

Date Received: 04/16/1992

Parameter	Result	Unit of Measure	Date Analyzed
1,3-Dichloropropane	<0.1	mg/kg	04/28/1992
2,2-Dichloropropane	<0.1	mg/kg	04/28/1992
1,1-Dichloropropene	<0.1	mg/kg	04/28/1992
cis-1,3-Dichloropropene	<0.1	mg/kg	04/28/1992
trans-1,3-Dichloropropene	<0.1	mg/kg	04/28/1992
Ethylbenzene	<0.1	mg/kg	04/28/1992
Hexachlorobutadiene	<0.1	mg/kg	04/28/1992
Isopropylbenzene	<0.1	mg/kg	04/28/1992
p-Isopropyltoluene	<0.1	mg/kg	04/28/1992
Methylene Chloride	<1.0	mg/kg	04/28/1992
Naphthalene	<0.1	mg/kg	04/28/1992
n-Propylbenzene	<0.1	mg/kg	04/28/1992
Styrene	<0.1	mg/kg	04/28/1992
1,1,1,2-Tetrachloroethane	<0.1	mg/kg	04/28/1992
1,1,2,2-Tetrachloroethane	<0.1	mg/kg	04/28/1992
Tetrachloroethene	<0.1	mg/kg	04/28/1992
Toluene	<0.1	mg/kg	04/28/1992
1,2,3-Trichlorobenzene	<0.1	mg/kg	04/28/1992
1,2,4-Trichlorobenzene	<0.1	mg/kg	04/28/1992
1,1,1-Trichloroethane	<0.1	mg/kg	04/28/1992
Trichloroethene	<0.1	mg/kg	04/28/1992
Trichlorofluoromethane	<0.1	mg/kg	04/28/1992
1,2,3-Trichloropropane	<0.1	mg/kg	04/28/1992
1,2,4-Trimethylbenzene	<0.1	mg/kg	04/28/1992
1,3,5-Trimethylbenzene	<0.1	mg/kg	04/28/1992
Vinyl Chloride	<0.1	mg/kg	04/28/1992
Xylenes, Total	<0.1	mg/kg	04/28/1992
Methyl-t-butyl ether	<0.1	mg/kg	04/28/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530



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ANALYTICAL REPORT

Mr. Bob Nauta
DAMES & MOORE
1846 Hoffman Street
Suite 101
Madison, WI 53704

05/20/1992
Job No: 92.1655
Sample No: 43884
Account No: 21400
Page 16

JOB DESCRIPTION: Wisconsin Air Natl Guard
SAMPLE DESCRIPTION: Trip Blank
Wisconsin Air National Guard-Truax Airport

Date Taken: 04/20/1992

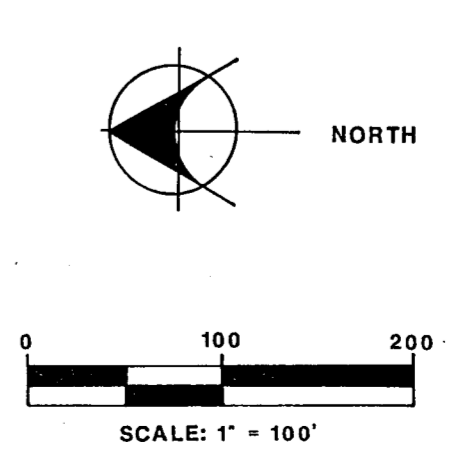
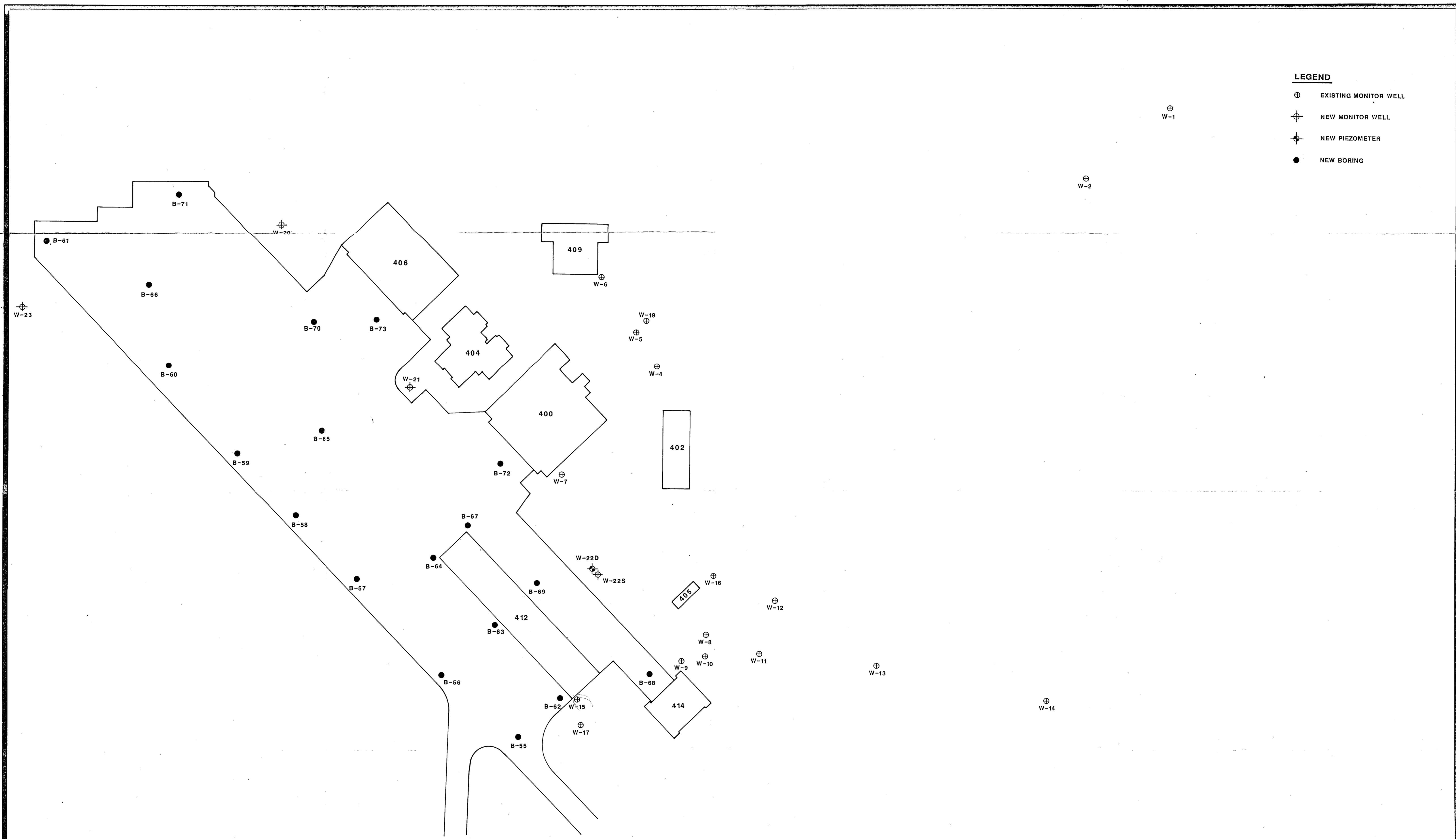
Date Received: 04/22/1992

Parameter	Result	Unit of Measure	Date Analyzed
2,2-Dichloropropane	<1.0	ug/L	05/01/1992
1,1-Dichloropropene	<1.0	ug/L	05/01/1992
cis-1,3-Dichloropropene	<1.0	ug/L	05/01/1992
trans-1,3-Dichloropropene	<1.0	ug/L	05/01/1992
Ethylbenzene	<1.0	ug/L	05/01/1992
Hexachlorobutadiene	<1.0	ug/L	05/01/1992
Isopropylbenzene	<1.0	ug/L	05/01/1992
p-Isopropyltoluene	<1.0	ug/L	05/01/1992
Methylene Chloride	<10.	ug/L	05/01/1992
Naphthalene	<1.0	ug/L	05/01/1992
n-Propylbenzene	<1.0	ug/L	05/01/1992
Styrene	<1.0	ug/L	05/01/1992
1,1,1,2-Tetrachloroethane	<1.0	ug/L	05/01/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	05/01/1992
Tetrachloroethene	<1.0	ug/L	05/01/1992
Toluene	<1.0	ug/L	05/01/1992
1,2,3-Trichlorobenzene	<1.0	ug/L	05/01/1992
1,2,4-Trichlorobenzene	<1.0	ug/L	05/01/1992
1,1,1-Trichloroethane	<1.0	ug/L	05/01/1992
1,1,2-Trichloroethane	<1.0	ug/L	05/01/1992
Trichloroethene	<1.0	ug/L	05/01/1992
Trichlorofluoromethane	<1.0	ug/L	05/01/1992
1,2,3-Trichloropropane	<1.0	ug/L	05/01/1992
1,2,4-Trimethylbenzene	<1.0	ug/L	05/01/1992
1,3,5-Trimethylbenzene	<1.0	ug/L	05/01/1992
Vinyl Chloride	<1.0	ug/L	05/01/1992
Xylenes, Total	<1.0	ug/L	05/01/1992
Methyl-t-butyl ether	<1.0	ug/L	05/01/1992

David W. Havick, Manager
Watertown Division - Certification No.128053530

LEGEND

- ⊕ EXISTING MONITOR WELL
- ⊕ NEW MONITOR WELL
- ⊕ NEW PIEZOMETER
- NEW BORING

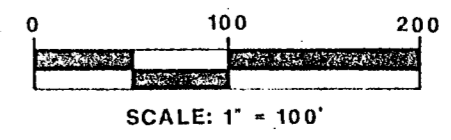
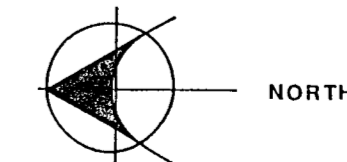
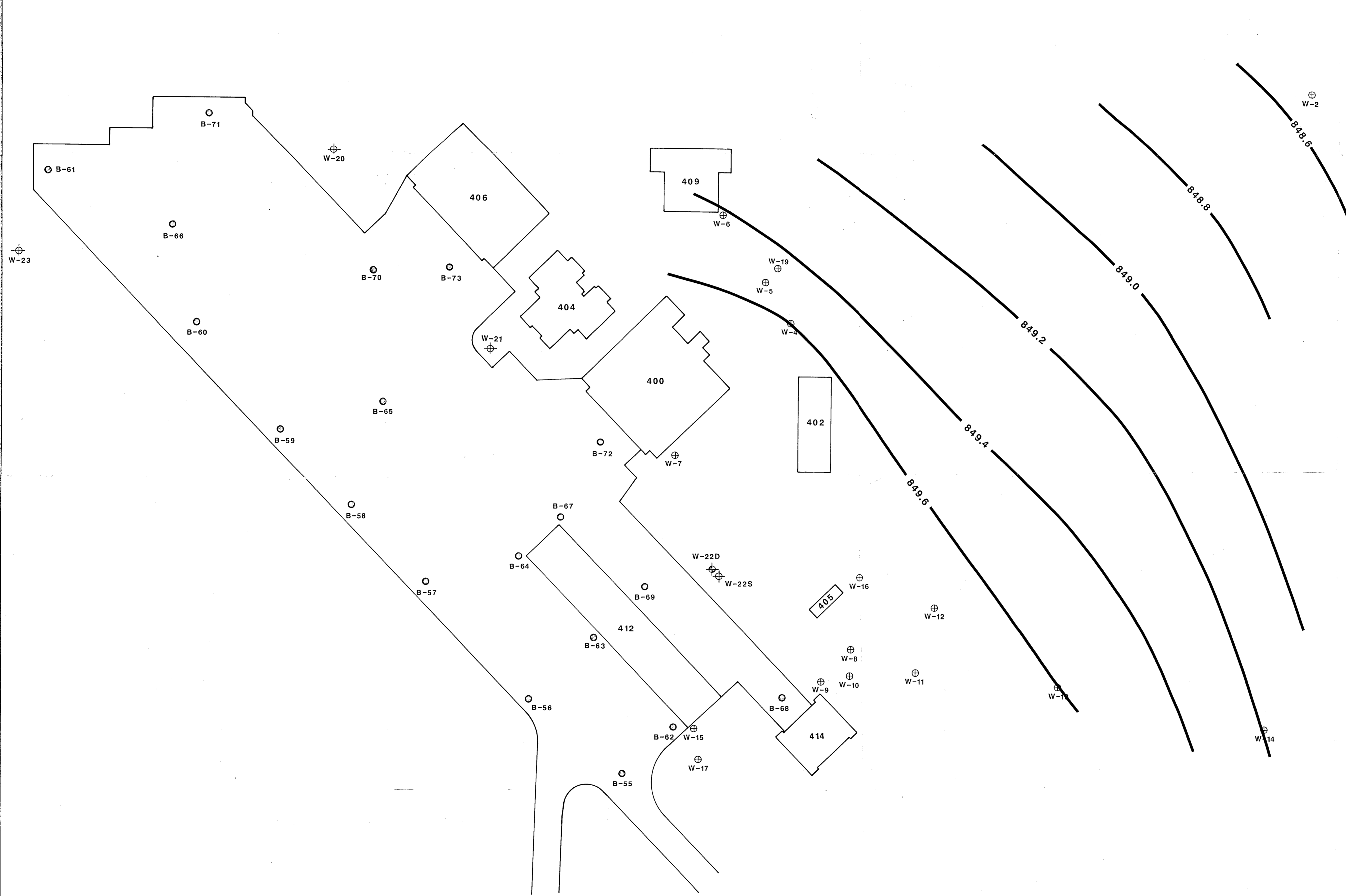


PROJECT: WISCONSIN AIR NATIONAL GUARD TRUAX APRON RECONSTRUCTION SOIL CONTAMINATION INVESTIGATION		
SHEET TITLE: MONITOR WELL AND BORING LOCATIONS		
DRAWN BY:	SCALE: 1" = 100'	PROJ. NO. 24410-001
CHECKED BY:	DATE PRINTED	DRWG. NO.
APPROVED BY:		SHEET 1 of 6
DATE: MAY 1992		
DAMES & MOORE		1848 HOFFMAN STREET SUITE 101 MADISON, WISCONSIN 53704 (608) 244-1788

LEGEND

- ⊕ EXISTING MONITOR WELL
- ⊕ NEW MONITOR WELL
- ⊕ NEW PIEZOMETER
- NEW BORING

—849.4— WATER TABLE CONTOUR - APRIL 6, 1992
(FEET ABOVE MSL)



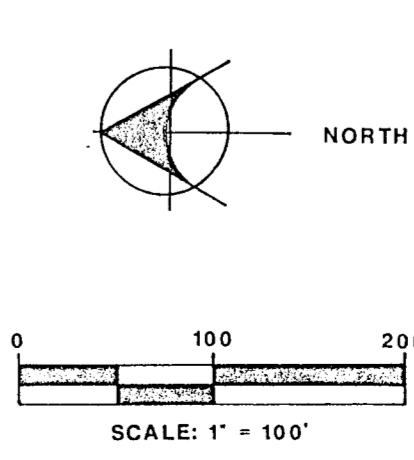
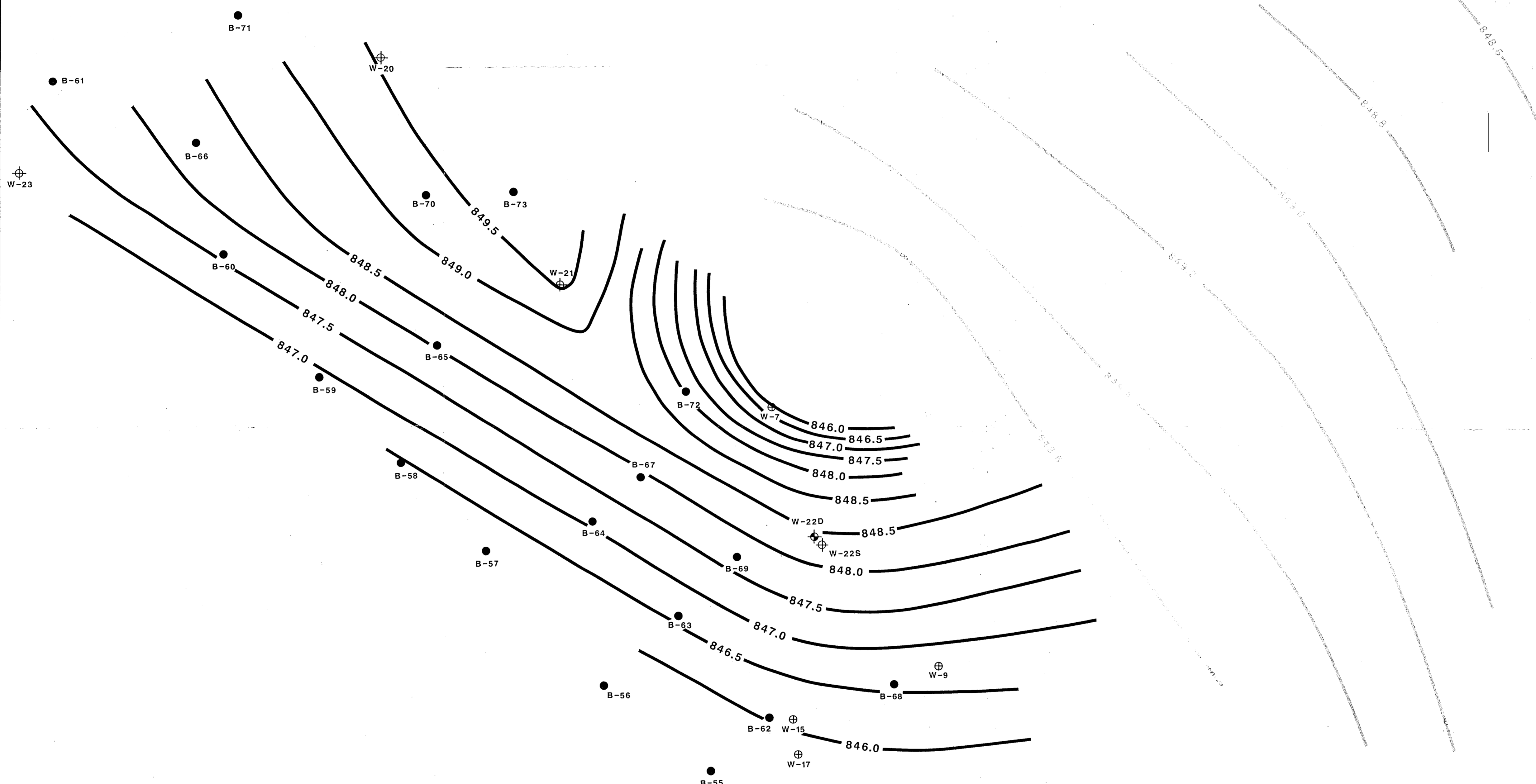
PROJECT: WISCONSIN AIR NATIONAL GUARD TRUAX APRON RECONSTRUCTION SOIL CONTAMINATION INVESTIGATION		
SHEET TITLE: WATER TABLE MAP - APRIL 6, 1992		
DRAWN BY:	SCALE: 1" = 100'	PROJ NO 24410-001
CHECKED BY:	DATE PRINTED	DRWG NO
APPROVED BY:		SHEET
DATE: MAY 1992		2 of 6
DAMES & MOORE		1848 HOFFMAN STREET SUITE 100 MADISON, WISCONSIN 53704 TEL: 264 1100

LEGEND

- ⊕ EXISTING MONITOR WELL
- ⊕ NEW MONITOR WELL
- ⊕ NEW PIEZOMETER
- NEW BORING

— WATER TABLE CONTOUR - APRIL 6, 1992
(FEET ABOVE MSL)

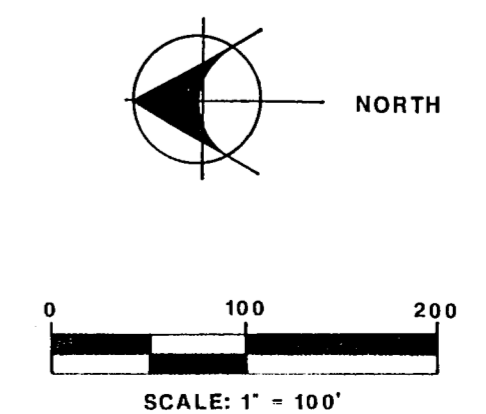
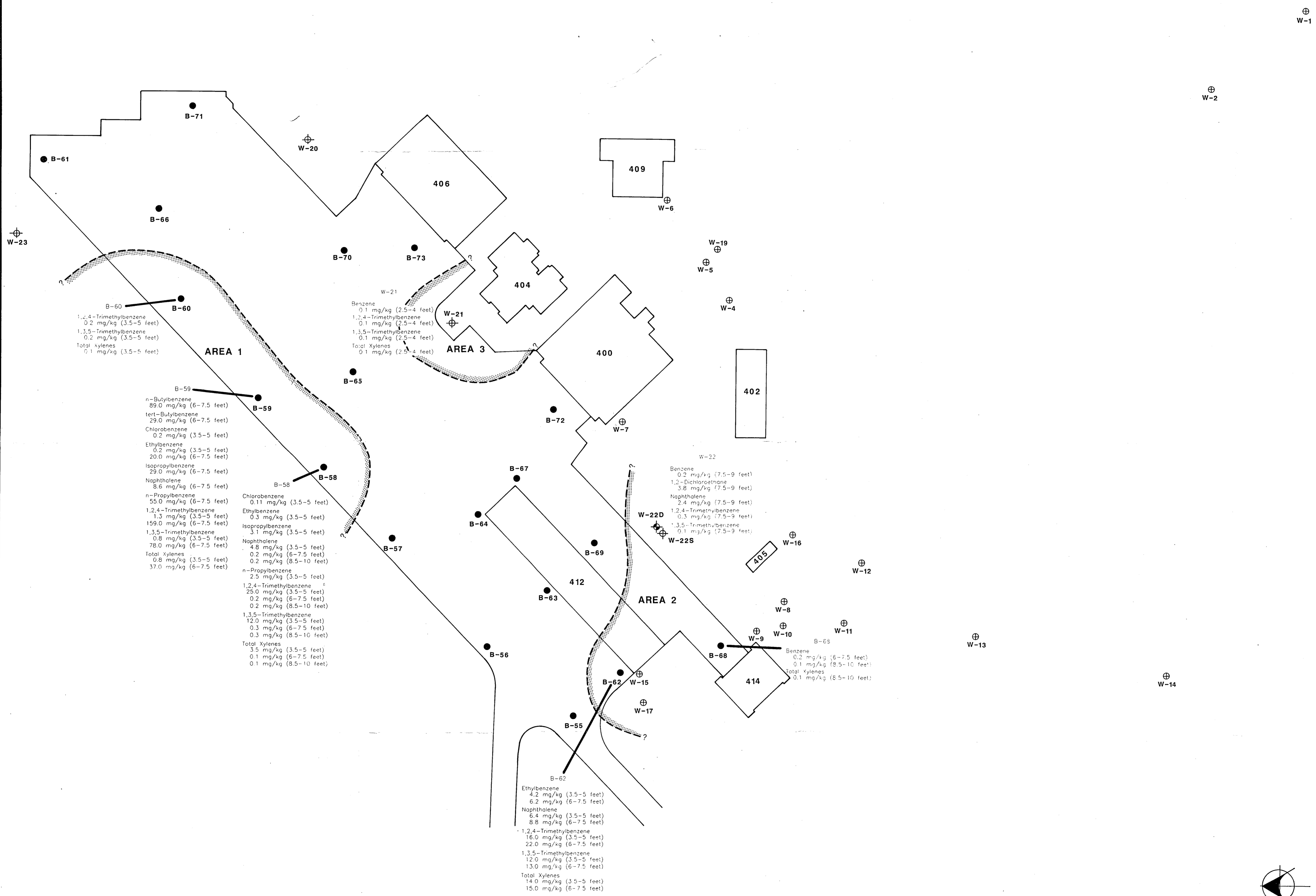
— 848.0 WATER TABLE CONTOUR - MAY 20, 1992
(FEET ABOVE MSL)



PROJECT: WISCONSIN AIR NATIONAL GUARD TRUAX APRON RECONSTRUCTION SOIL CONTAMINATION INVESTIGATION		
SHEET TITLE: WATER TABLE MAP - MAY 20, 1992		
DRAWN BY:	SCALE: 1" = 100'	PROJ. NO. 24410-001
CHECKED BY:	DATE PRINTED:	DRWS. NO.
APPROVED BY:	DATE:	SHEET
DATE: MAY 1992		3 of 6
DAMES & MOORE		1836 HOFFMAN STREET SUITE 101 MADISON, WISCONSIN 53704 (608) 244-1748

LEGEND

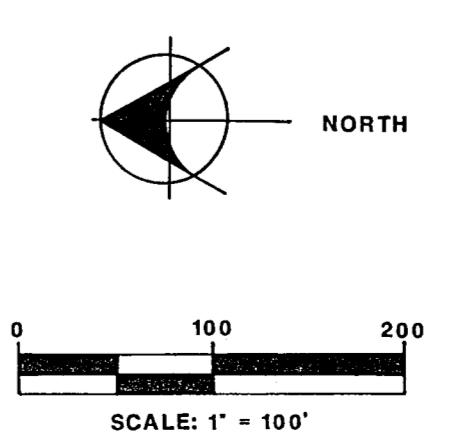
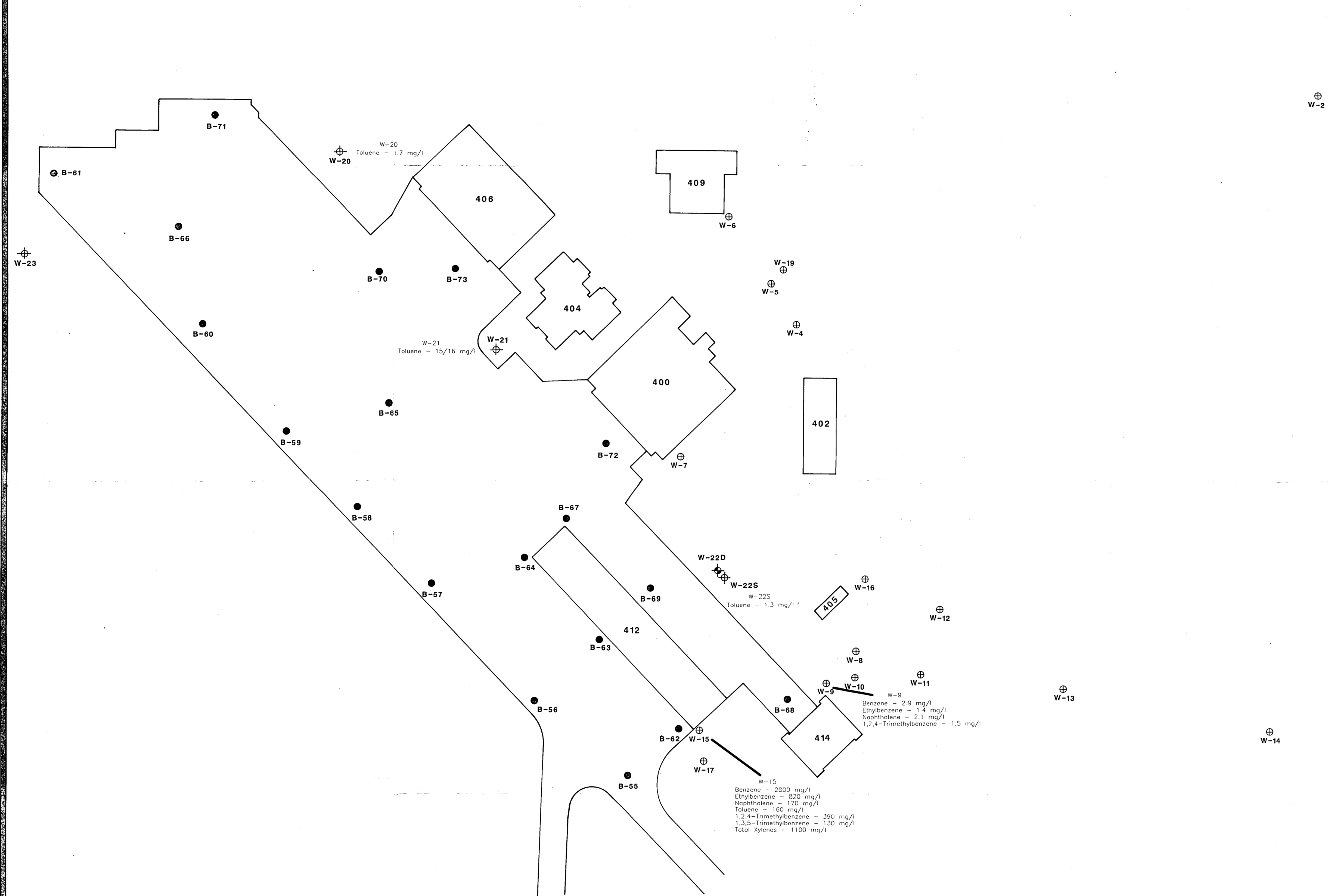
- ⊕ EXISTING MONITOR WELL
- ⊕ NEW MONITOR WELL
- ⊕ NEW PIEZOMETER
- NEW BORING
- ▨ AREA OF SOIL CONTAMINATION



PROJECT: WISCONSIN AIR NATIONAL GUARD TRUAX APRON RECONSTRUCTION SOIL CONTAMINATION INVESTIGATION		
SHEET TITLE: SOIL ANALYSES		
DRAWN BY: SLH	SCALE: 1" = 100'	PROJ. NO. 24410-001
CHECKED BY:	DATE PRINTED:	DRWG. NO.
APPROVED BY:	DATE PRINTED:	SHEET 4 of 6
DATE: MAY 1992		
DAMES & MOORE 1028 HOFFMAN STREET, SUITE 101 MADISON, WISCONSIN 53704 (608) 244-1700		

LEGEND

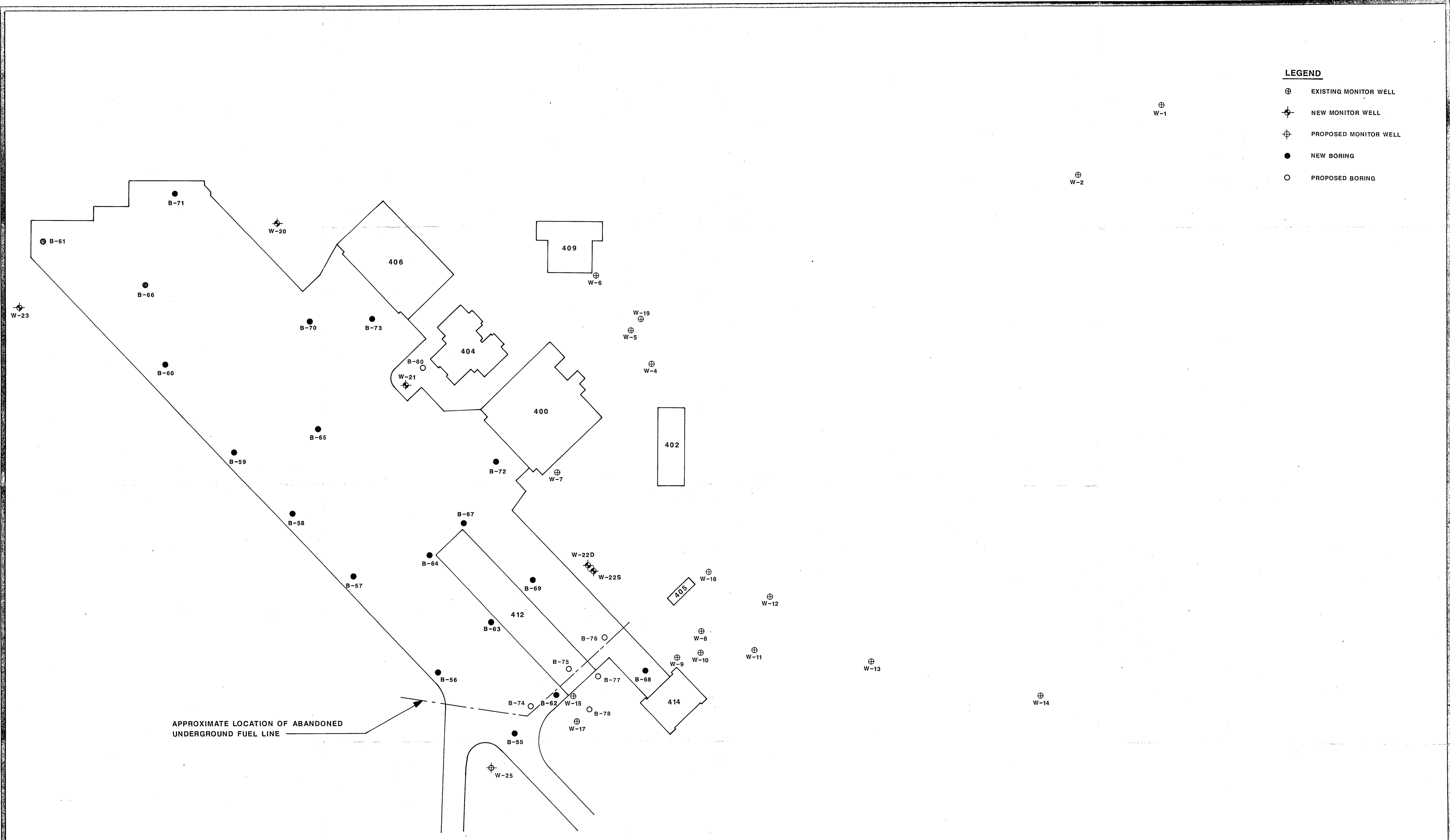
- ⊕ EXISTING MONITOR WELL
- ⊕ NEW MONITOR WELL
- ⊕ NEW PIEZOMETER
- NEW BORING



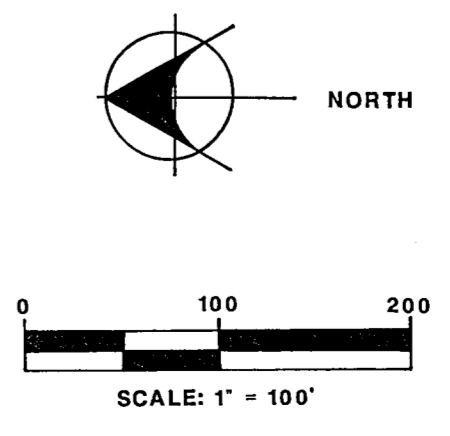
PROJECT: WISCONSIN AIR NATIONAL GUARD TRUAX APRON RECONSTRUCTION SOIL CONTAMINATION INVESTIGATION		
SHEET TITLE: GROUNDWATER ANALYSES		
DRAWN BY: SLH	SCALE: 1" = 100'	PROJ. NO. 24410-001
CHECKED BY:	DATE PRINTED:	DRWG. NO.
APPROVED BY:	DATE:	SHEET 5 of 6
DATE: MAY 1992		
DAMES & MOORE		1846 HOFFMAN STREET, SUITE 101 MADISON, WISCONSIN 53704 (608) 244-1788

LEGEND

- ⊕ EXISTING MONITOR WELL
- ⊕ NEW MONITOR WELL
- ⊕ PROPOSED MONITOR WELL
- NEW BORING
- PROPOSED BORING



APPROXIMATE LOCATION OF ABANDONED UNDERGROUND FUEL LINE



PROJECT: WISCONSIN AIR NATIONAL GUARD TRUAX APRON RECONSTRUCTION SOIL CONTAMINATION INVESTIGATION			
SHEET TITLE: PROPOSED MONITOR WELL AND BORING LOCATIONS			
DRAWN BY:	SCALE: 1" = 100'	PROJ. NO. 24410-001	DRWS. NO.
CHECKED BY:	DATE PRINTED	SHEET 6 of 6	
APPROVED BY:			
DATE: MAY 1992			
DAMES & MOORE		1846 HOFFMAN STREET SUITE 101 MADISON, WISCONSIN 53704 (608) 244-1000	