

US EPA ARCHIVE DOCUMENT

**APPENDIX A.4**

**TETRA TECH 2000 AND 2001 FIELD SAMPLE LOG SHEETS**

**SAMPLE LOG SHEETS**

**JULY 2000**



TETRA TECH NUS, INC.

**SAMPLE LOG SHEET - SOLID PHASE**

Site Name: **INDUSTRI-PLEX**

Tetra Tech NUS Job No./PMS 0564- 0322

Sample ID: IP-SD-WS10-0005-071100

QC Information: \_\_\_\_\_ (if applicable)

Sample Method: Scoop  
 Depth Sampled: 0-0.5 feet

TYPE OF SAMPLE: (Check all that apply)

Sample Date & Time: 7/11/2000 1442 hours Duplicate: \_\_\_\_\_ hours

- Soil
- Sediment
- Lagoon/Pond
- Grab
- Trip Blank\*
- Rinsate Blank\*
- Field Duplicate collected
- Composite

Sampler(s): B. Irwin / K. Lundgren / (military) K. O'Neill (circle appropriate)

Data Recorded By: K. Lundgren  
 (Signature)

Other \_\_\_\_\_

H&S Monitor Reading: \_\_\_\_\_ ppm

Description: (Sand, Clay, Muck, Peat, Dry, Moist, Wet, Etc.)  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

SAMPLE DATA/REMARKS: pH 6.20 units ORP -230 mV

ANALYSIS	Check
TAL METALS	<input checked="" type="checkbox"/>
CYANIDE	<input checked="" type="checkbox"/>
Hex. CHROMIUM	<input type="checkbox"/>
SULFIDES	<input type="checkbox"/>
	<input type="checkbox"/>

NOTES/SKETCH:





TETRA TECH NUS, INC.

**SAMPLE LOG SHEET - SOLID PHASE**

Site Name: **INDUSTRI-PLEX**  
 Sample ID: IP-SP-WS08-0009-071100

Tetra Tech NUS Job No./PMS 0564- 0322  
 QC Information: \_\_\_\_\_ (if applicable)

Sample Method: Scoop  
 Depth Sampled: 0-0.5 feet  
 Sample Date & Time: 7/11/2000 1428 hours Duplicate: \_\_\_\_\_ hours  
 Sampler(s): B. Irwin / K. Lundgren / (military) K. O'Neill (circle appropriate)  
 Data Recorded By: M. Lundgren (Signature)  
 H&S Monitor Reading: \_\_\_\_\_ ppm

TYPE OF SAMPLE: (Check all that apply)

<input type="checkbox"/> Soil	<input type="checkbox"/> Trip Blank*
<input checked="" type="checkbox"/> Sediment	<input type="checkbox"/> Rinsate Blank*
<input type="checkbox"/> Lagoon/Pond	<input type="checkbox"/> Field Duplicate collected
<input type="checkbox"/> Grab	<input type="checkbox"/> Composite

Other \_\_\_\_\_  
 Description: (Sand, Clay, Muck, Peat, Dry, Moist, Wet, Etc.)  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

SAMPLE DATA/REMARKS: pH 6.25 units ORP -175.8 mV

ANALYSIS	Check	NOTES/SKETCH:
TAL METALS	<input checked="" type="checkbox"/>	
CYANIDE	<input checked="" type="checkbox"/>	
Hex. CHROMIUM	<input checked="" type="checkbox"/>	
SULFIDES	<input checked="" type="checkbox"/>	









TETRA TECH NUS, INC.

SAMPLE LOG SHEET - SOLID PHASE

Site Name: **INDUSTRI-PLEX**  
Sample ID: IPSD - W504 - 0005 - 071100

Tetra Tech NUS Job No./PMS 0564- 0322  
QC Information: \_\_\_\_\_ (if applicable)

Sample Method: SCOOP  
Depth Sampled: 0-0.5 feet  
Sample Date & Time: 7/11/2000 1500 hours Duplicate: \_\_\_\_\_ hours  
Sampler(s): (B. Irwin) / K. Lundgren / K. O'Neill (circle appropriate)  
Data Recorded By: [Signature] (Signature)  
H&S Monitor Reading: \_\_\_\_\_ ppm

TYPE OF SAMPLE: (Check all that apply)  
 Soil  Trip Blank\*  
 Sediment  Rinsate Blank\*  
 Lagoon/Pond  Field Duplicate collected  
 Grab  Composite  
Other \_\_\_\_\_  
Description: (Sand, Clay, Muck, Peat, Dry, Moist, Wet, Etc.)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SAMPLE DATA/REMARKS: pH 6.35 units ORP -143.2 mV

ANALYSIS	Check
TAL METALS	✓
CYANIDE	✓
Hex. CHROMIUM	
SULFIDES	

NOTES/SKETCH:

















TETRA TECH NUS, INC.

**SAMPLE LOG SHEET - SOLID PHASE**

Site Name: **INDUSTRI-PLEX**

Tetra Tech NUS Job No./PMS 0564-\_\_\_\_\_

Sample ID: IP-SD-JP-01-071000

QC Information: \_\_\_\_\_ (if applicable)

Sample Method: Edman Sampler  
 Depth Sampled: 0-0.5 feet

TYPE OF SAMPLE: (Check all that apply)

Sample Date & Time: 7/10/2000 12<sup>20</sup> hours Duplicate: \_\_\_\_\_ hours

- Soil
- Sediment
- Lagoon/Pond
- Grab
- Trip Blank\*
- Rinsate Blank\*
- Field Duplicate collected
- Composite

Sampler(s): B. Irwin K. Lundgren / K. O'Neill (circle appropriate)

Data Recorded By: K. Lundgren (Signature)

Other \_\_\_\_\_

H&S Monitor Reading: \_\_\_\_\_ ppm

Description: (Sand, Clay, Muck, Peat, Dry, Moist, Wet, Etc.)

organic muck

SAMPLE DATA/REMARKS: pH 6.13 units ORP -95.1 mV

ANALYSIS	Check
TAL METALS	✓
CYANIDE	✓
Hex. CHROMIUM	✓
SULFIDES	✓

NOTES/SKETCH:

Sr. CH center

Jenkins pond

A IP-SD-JP-01-071000



TETRA TECH NUS, INC.

**SAMPLE LOG SHEET - SOLID PHASE**

Site Name: **INDUSTRI-PLEX**  
 Sample ID: IP-SD-MP-02-071000

Tetra Tech NUS Job No./PMS 0564-                      
 QC Information:    (if applicable)

Sample Method: Eckman Sampler  
 Depth Sampled: 0-0.5 feet  
 Sample Date & Time: 7/10/2000 11<sup>15</sup> hours Duplicate:            hours  
 Sampler(s): B. Irwin K. Lundgren / (military) K. O'Neill (circle appropriate)  
 Data Recorded By: H. Lundgren (Signature)  
 H&S Monitor Reading:    ppm

TYPE OF SAMPLE: (Check all that apply)

<input type="checkbox"/> Soil	<input type="checkbox"/> Trip Blank*
<input checked="" type="checkbox"/> Sediment	<input type="checkbox"/> Rinsate Blank*
<input type="checkbox"/> Lagoon/Pond	<input type="checkbox"/> Field Duplicate collected
<input type="checkbox"/> Grab	<input type="checkbox"/> Composite

Other   

Description: (Sand, Clay, Muck, Peat, Dry, Moist, Wet, Etc.)  
organic muck with sand

Depth 2.0 feet

SAMPLE DATA/REMARKS: pH 5.97 units ORP -34.1 mV

ANALYSIS	Check	NOTES/SKETCH:
TAL METALS	<input checked="" type="checkbox"/>	
CYANIDE	<input checked="" type="checkbox"/>	
Hex. CHROMIUM	<input checked="" type="checkbox"/>	
SULFIDES	<input checked="" type="checkbox"/>	



TETRA TECH NUS, INC.

SAMPLE LOG SHEET - SOLID PHASE

Site Name: **INDUSTRI-PLEX**  
 Sample ID: IP-SD-MP-01-071000

Tetra Tech NUS Job No./PMS 0564-  
 QC Information: (if applicable)

Sample Method: Eckman Sampler  
 Depth Sampled: 0-0.5 feet  
 Sample Date & Time: 7/10/2000 1030 hours Duplicate: \_\_\_\_\_ hours  
 Sampler(s): B. Irwin K. Lundgren / K. O'Neill (circle appropriate)  
 Data Recorded By: Kim Lundgren (Signature)

TYPE OF SAMPLE: (Check all that apply)  
 Soil  Trip Blank\*  
 Sediment  Rinsate Blank\*  
 Lagoon/Pond  Field Duplicate collected  
 Grab  Composite  
 Other \_\_\_\_\_

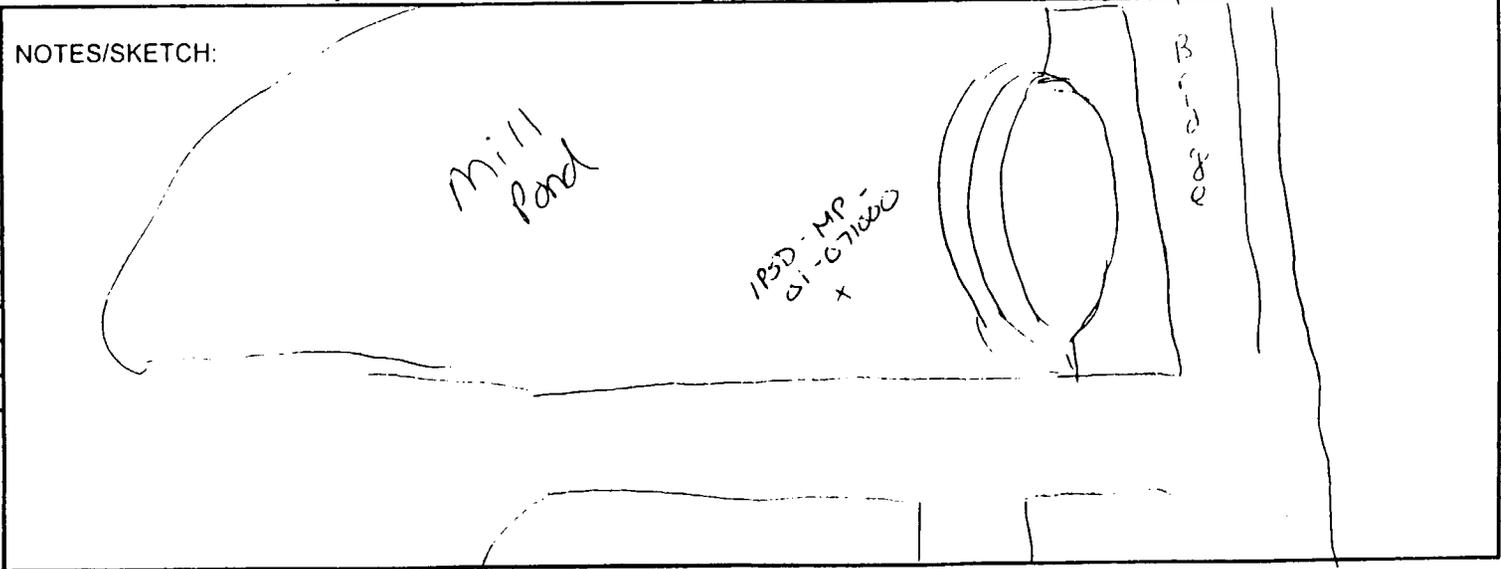
H&S Monitor Reading: \_\_\_\_\_ ppm  
H<sub>2</sub>O Depth - 2.2 water is not going over spillway  
5.56

Description: (Sand, Clay, Muck, Peat, Dry, Moist, Wet, Etc.)  
organic muck with sand

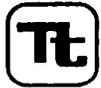
SAMPLE DATA/REMARKS: pH 5.56 units ORP -100.8 mV

\*on additional 8oz container + 2 32 oz containers collected at this location for hexavalent chromium digestives used boat to collect samples

ANALYSIS	Check
TAL METALS	✓
CYANIDE	✓
Hex. CHROMIUM	✓
SULFIDES	✓







TETRA TECH NUS, INC.

**SAMPLE LOG SHEET - SOLID PHASE**

Site Name: **INDUSTRI-PLEX**

Tetra Tech NUS Job No./PMS 0564- 0322

Sample ID: IP-SD-2806-071700

QC Information: Rinsate blank (if applicable)

Sample Method: Direct Pour  
 Depth Sampled: 0-0.5 feet  
 Sample Date & Time: 7/17/2000 1516 hours Duplicate:      hours  
(military)  
 Sampler(s): B. Irwin / K. Lundgren / K. O'Neill (circle appropriate)  
 Data Recorded By: [Signature]  
(Signature)  
 H&S Monitor Reading:      ppm

TYPE OF SAMPLE: (Check all that apply)

- Soil
- Sediment
- Lagoon/Pond
- Grab
- Trip Blank\*
- Rinsate Blank\*
- Field Duplicate collected
- Composite

Other DIV Lot # 0203180 Exp 2/01

Description: (Sand, Clay, Muck, Peat, Dry, Moist, Wet, Etc.)

SAMPLE DATA/REMARKS: pH      units ORP      mV

ANALYSIS	Check
TAL METALS	<input checked="" type="checkbox"/>
CYANIDE	<input checked="" type="checkbox"/>
Hex. CHROMIUM	<input type="checkbox"/>
SULFIDES	<input type="checkbox"/>
	<input type="checkbox"/>

NOTES/SKETCH:









TETRA TECH NUS, INC.

SAMPLE LOG SHEET - SOLID PHASE

Site Name: **INDUSTRI-PLEX**

Tetra Tech NUS Job No./PMS 0564- 0327

Sample ID: IP-SD-RB-02-071200

QC Information: Rinsate (if applicable)

Sample Method: Direct Pour

TYPE OF SAMPLE: (Check all that apply)

Depth Sampled: 0-0.5 feet

Soil  Trip Blank\*

Sample Date & Time: 7/12/2000 1048 hours Duplicate: \_\_\_\_\_ hours

Sediment  Rinsate Blank\*

Sampler(s): B. Irwin / K. Lundgren / K. O'Neill (circle appropriate)

Lagoon/Pond  Field Duplicate collected

Data Recorded By: K. Lundgren (Signature)

Grab  Composite

H&S Monitor Reading: \_\_\_\_\_ ppm

Other DLUF Lot # 0203180

Description: (Sand, Clay, Muck, Peat, Dry, Moist, Wet, Etc.)

SAMPLE DATA/REMARKS: pH \_\_\_\_\_ units ORP \_\_\_\_\_ mV

ANALYSIS	Check	NOTES/SKETCH:
TAL METALS	<input checked="" type="checkbox"/>	<u>7/12/00</u>
CYANIDE	<input checked="" type="checkbox"/>	
Hex. CHROMIUM	<input type="checkbox"/>	
SULFIDES	<input type="checkbox"/>	
	<input type="checkbox"/>	





**SAMPLE LOG SHEET - SOLID PHASE**

Site Name: **INDUSTRI-PLEX**  
 Sample ID: IP-~~DD~~ SD-LM02-0005-071700

Tetra Tech NUS Job No./PMS 0564- 0322  
 QC Information: \_\_\_\_\_ (if applicable)

Sample Method: Eckman  
 Depth Sampled: 0-0.5 feet  
 Sample Date & Time: 7/17/2000 1115 hours Duplicate: \_\_\_\_\_ hours  
 Sampler(s): B. Irwin / K. Lundgren / K. O'Neill (circle appropriate)  
 Data Recorded By: [Signature]  
 H&S Monitor Reading: \_\_\_\_\_ ppm

TYPE OF SAMPLE: (Check all that apply)

Soil  Trip Blank\*  
 Sediment  Rinsate Blank\*  
 Lagoon/Pond  Field Duplicate collected  
 Grab  Composite

Other \_\_\_\_\_

Description: (Sand, Clay, Muck, Peat, Dry, Moist, Wet, Etc.)  
organic muck, sulfide sheer  
pea soup consistency

SAMPLE DATA/REMARKS: pH 6.70 units ORP -386.6 mV

water depth: 37 feet ~~below water surface~~  
 sample collected 7/17/00 (10) 7/17/00

ANALYSIS	Check
TAL METALS	<input checked="" type="checkbox"/>
CYANIDE	<input checked="" type="checkbox"/>
Hex. CHROMIUM	<input type="checkbox"/>
SULFIDES	<input type="checkbox"/>
	<input type="checkbox"/>

NOTES/SKETCH:











TETRA TECH NUS, INC.

SAMPLE LOG SHEET - SOLID PHASE

Site Name: **INDUSTRI-PLEX**

Tetra Tech NUS Job No./PMS 0564- 0332

Sample ID: IP-SD-WG18-0005-071700 <sup>071300</sup> <sub>(military)</sub> 7/13/00

QC Information: \_\_\_\_\_ (if applicable)

Sample Method: SCOOP

TYPE OF SAMPLE: (Check all that apply)

Depth Sampled: 0-0.5 feet

Sample Date & Time: 7/13/2000 <sup>1156</sup> hours Duplicate: \_\_\_\_\_ hours

- Soil
- Sediment
- Lagoon/Pond
- Grab
- Trip Blank\*
- Rinsate Blank\*
- Field Duplicate collected
- Composite

Sampler(s): B. Irwin / K. Lundgren / K. O'Neill (circle appropriate)

Data Recorded By: K. Lundy (Signature)

Other \_\_\_\_\_

H&S Monitor Reading: \_\_\_\_\_ ppm

Description: (Sand, Clay, Muck, Peat, Dry, Moist, Wet, Etc.)  
Organic muck w/ partially decayed leaf matter

SAMPLE DATA/REMARKS: pH 5.26 units ORP +24.3 mV

standing water @ 5 inches

ANALYSIS	Check
TAL METALS	<input checked="" type="checkbox"/>
CYANIDE	<input checked="" type="checkbox"/>
Hex. CHROMIUM	<input type="checkbox"/>
SULFIDES	<input type="checkbox"/>
	<input type="checkbox"/>

NOTES/SKETCH: collected @ edge of fragmites





TETRA TECH NUS, INC.

**SAMPLE LOG SHEET - SOLID PHASE**

Site Name: **INDUSTRI-PLEX**

071300

Tetra Tech NUS Job No./PMS 0564- 6322

Sample ID: IP-SD-WG16-0005-071200 W  
7/13/00

QC Information: \_\_\_\_\_ (if applicable)

Sample Method: SCOOP  
Depth Sampled: 0-0.5 feet

Sample Date & Time: 7/12<sup>13</sup>/2000 1146 hours Duplicate: \_\_\_\_\_ hours  
(military)

Sampler(s): B. Irwin / K. Lundgren / K. O'Neill (circle appropriate)

Data Recorded By: K. Lundgren (Signature)

H&S Monitor Reading: \_\_\_\_\_ ppm

TYPE OF SAMPLE: (Check all that apply)

- Soil
  - Sediment
  - Lagoon/Pond
  - Grab
  - Trip Blank\*
  - Rinsate Blank\*
  - Field Duplicate collected
  - Composite
- Other \_\_\_\_\_

Description: (Sand, Clay, Muck, Peat, Dry, Moist, Wet, Etc )  
organic muck decayed leaves

SAMPLE DATA/REMARKS: pH 5.64 units ORP +138.3mv water at 4 inches bgs

ANALYSIS	Check	NOTES/SKETCH:
TAL METALS	<input checked="" type="checkbox"/>	collected at edge of fragmites
CYANIDE	<input checked="" type="checkbox"/>	
Hex. CHROMIUM	<input type="checkbox"/>	
SULFIDES	<input type="checkbox"/>	
	<input type="checkbox"/>	



TETRA TECH NUS, INC.

### SAMPLE LOG SHEET - SOLID PHASE

Site Name: **INDUSTRI-PLEX**

Tetra Tech NUS Job No./PMS 0564- 0322

Sample ID: IP-SD-WG15-0005-071200 <sup>071300</sup> <sub>7/13/00</sub> W

QC Information: \_\_\_\_\_ (if applicable)

Sample Method: SCOOP  
 Depth Sampled: 0-0.5 feet  
 Sample Date & Time: 7/12/2000 W 1140 hours Duplicate: \_\_\_\_\_ hours  
(military)  
 Sampler(s): B. Irwin / K. Lundgren / K. O'Neill (circle appropriate)  
 Data Recorded By: N. Lundy  
(Signature)  
 H&S Monitor Reading: \_\_\_\_\_ ppm

TYPE OF SAMPLE: (Check all that apply)

- Soil  Trip Blank\*
- Sediment  Rinsate Blank\*
- Lagoon/Pond  Field Duplicate collected
- Grab  Composite

Other \_\_\_\_\_

Description: (Sand, Clay, Muck, Peat, Dry, Moist, Wet, Etc.)

Organic muck w/ some silt

SAMPLE DATA/REMARKS: pH 5.56 units ORP -120.8 mV  
~~5.57~~ ~~-225.9~~

ANALYSIS	Check
TAL METALS	✓
CYANIDE	✓
Hex. CHROMIUM	
SULFIDES	

NOTES/SKETCH:

*collected near tree root over turn*

















**SAMPLE LOG SHEET - SOLID PHASE**

Site Name: **INDUSTRI-PLEX**  
 Sample ID: IP5D-WG09-0005-071300

Tetra Tech NUS Job No./PMS 0564- 0372  
 QC Information: IP5D-WGDUP07-005- (if applicable)  
071300

Sample Method: SCOOP  
 Depth Sampled: 0-0.5 feet  
 Sample Date & Time: 7/14<sup>13</sup> /2000 853 hours Duplicate: 857 hours  
(military)  
 Sampler(s): B. Irwin / K. Lundgren / K. O'Neill (circle appropriate)  
 Data Recorded By: H. Lundy (Signature)  
 H&S Monitor Reading: \_\_\_\_\_ ppm

TYPE OF SAMPLE: (Check all that apply)

<input type="checkbox"/> Soil	<input type="checkbox"/> Trip Blank*
<input checked="" type="checkbox"/> Sediment	<input type="checkbox"/> Rinsate Blank*
<input type="checkbox"/> Lagoon/Pond	<input type="checkbox"/> Field Duplicate collected
<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite

Other \_\_\_\_\_

Description: (Sand, Clay, Muck, Peat, Dry, Moist, Wet, Etc.)  
moist, not saturated, organic muck

SAMPLE DATA/REMARKS: pH 6.59 units ORP -64 mV

did not reach water until 4 inches below grade

ANALYSIS	Check	NOTES/SKETCH:
TAL METALS	<input checked="" type="checkbox"/>	
CYANIDE	<input checked="" type="checkbox"/>	
Hex. CHROMIUM	<input type="checkbox"/>	
SULFIDES	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	









TETRA TECH NUS, INC.

**SAMPLE LOG SHEET - SOLID PHASE**

Site Name: **INDUSTRI-PLEX**

071300 <sup>100</sup>  
7/13/00

Tetra Tech NUS Job No./PMS 0564- 0322

Sample ID: IP-SD-WG05-0005-071200

QC Information: \_\_\_\_\_ (if applicable)

Sample Method: Scoop

Depth Sampled: 0-0.5 feet

Sample Date & Time: 7/13/2000 <sup>13 071200</sup> 9:30 hours Duplicate: \_\_\_\_\_ hours

Sampler(s): B. Irwin / K. Lundgren / K. O'Neill (circle appropriate)

Data Recorded By: M. Bundy (Signature)

H&S Monitor Reading: \_\_\_\_\_ ppm

TYPE OF SAMPLE: (Check all that apply)

- Soil
- Sediment
- Lagoon/Pond
- Grab
- Trip Blank\*
- Rinsate Blank\*
- Field Duplicate collected
- Composite

Other \_\_\_\_\_

Description: (Sand, Clay, Muck, Peat, Dry, Moist, Wet, Etc.)  
Organic muck, moist, with leaf debris

SAMPLE DATA/REMARKS: pH 5.95 units ORP -240.2 mV

ANALYSIS	Check	NOTES/SKETCH:
TAL METALS	✓	
CYANIDE	✓	
Hex. CHROMIUM	✓	
SULFIDES	✓	









TETRA TECH NUS, INC.

**SAMPLE LOG SHEET - SOLID PHASE**

Site Name: **INDUSTRI-PLEX**

Tetra Tech NUS Job No./PMS 0564-0372

Sample ID: IP-SD-WH09-0005-071200

QC Information: \_\_\_\_\_ (if applicable)

Sample Method: SCOOP  
 Depth Sampled: 0-0.5 feet

TYPE OF SAMPLE: (Check all that apply)

Sample Date & Time: 7/12/2000 1645 hours Duplicate: \_\_\_\_\_ hours  
(military)

- Soil
- Sediment
- Lagoon/Pond
- Grab
- Trip Blank\*
- Rinsate Blank\*
- Field Duplicate collected
- Composite

Sampler(s): B. Irwin K. Lundgren / K. O'Neill (circle appropriate)

Data Recorded By: [Signature]  
(Signature)

Other \_\_\_\_\_

H&S Monitor Reading: \_\_\_\_\_ ppm

Description: (Sand, Clay, Muck, Peat, Dry, Moist, Wet, Etc.)

leafy organic muck

SAMPLE DATA/REMARKS: pH 5.23 units ORP -130.4 mV

3-4 inches of standing water

ANALYSIS	Check
TAL METALS	<input checked="" type="checkbox"/>
CYANIDE	<input checked="" type="checkbox"/>
Hex. CHROMIUM	<input type="checkbox"/>
SULFIDES	<input type="checkbox"/>
	<input type="checkbox"/>

NOTES/SKETCH:





TETRA TECH NUS, INC.

### SAMPLE LOG SHEET - SOLID PHASE

Site Name: **INDUSTRI-PLEX**

Tetra Tech NUS Job No./PMS 0564- 0322

Sample ID: IP-SD-WH07-0005-071200

QC Information: \_\_\_\_\_ (if applicable)

Sample Method: SCOOP  
Depth Sampled: 0-0.5 feet

TYPE OF SAMPLE: (Check all that apply)

Sample Date & Time: 7/12/2000 1030 hours Duplicate: \_\_\_\_\_ hours

- Soil
- Sediment
- Lagoon/Pond
- Grab
- Trip Blank\*
- Rinsate Blank\*
- Field Duplicate collected
- Composite

Sampler(s): B. Irwin / K. Lundgren / K. O'Neill (circle appropriate)

Data Recorded By: B. Irwin (Signature)

Other \_\_\_\_\_

H&S Monitor Reading: \_\_\_\_\_ ppm

Description: (Sand, Clay, Muck, Peat, Dry, Moist, Wet, Etc.)

organic muck

SAMPLE DATA/REMARKS: pH 6.22 units ORP -158 mV

collected in 1-inch of standing water

ANALYSIS	Check
TAL METALS	<input checked="" type="checkbox"/>
CYANIDE	<input checked="" type="checkbox"/>
Hex. CHROMIUM	<input type="checkbox"/>
SULFIDES	<input type="checkbox"/>
	<input type="checkbox"/>

NOTES/SKETCH:





TETRA TECH NUS, INC.

SAMPLE LOG SHEET - SOLID PHASE

Site Name: **INDUSTRI-PLEX**  
Sample ID: IP-SD-WHOS-0005-071200

Tetra Tech NUS Job No./PMS 0564- 0322  
QC Information: \_\_\_\_\_ (if applicable)

Sample Method: SCOOP  
Depth Sampled: 0-0.5 feet  
Sample Date & Time: 7/12 /2000 1012 hours Duplicate: \_\_\_\_\_ hours  
Sampler(s): B. Irwin / K. Lundgren / K. O'Neill (circle appropriate)  
Data Recorded By: K. Lundgren (Signature)  
H&S Monitor Reading: \_\_\_\_\_ ppm

TYPE OF SAMPLE: (Check all that apply)  
 Soil  Trip Blank\*  
 Sediment  Rinsate Blank\*  
 Lagoon/Pond  Field Duplicate collected  
 Grab  Composite  
Other \_\_\_\_\_  
Description: (Sand, Clay, Muck, Peat, Dr/, Moist, Wet, Etc.)  
Organic muck

SAMPLE DATA/REMARKS: pH 6.49 units ORP -104.7 mV

ANALYSIS	Check
TAL METALS	<input checked="" type="checkbox"/>
CYANIDE	<input checked="" type="checkbox"/>
Hex. CHROMIUM	<input type="checkbox"/>
SULFIDES	<input type="checkbox"/>
	<input type="checkbox"/>

NOTES/SKETCH:











TETRA TECH NUS, INC.

FIELD INSTRUMENT CALIBRATION LOG

INSTRUMENT NAME: pH / ORP probe

MODEL NO.: ORION 250 A

SERIAL NO.: U.S. Env.

DECAL NO.: RENTAL

TETRA TECH NUS JOB NO./PMS CS64

CALIBRATION DATE	INITIAL READING	PROCEDURE	FINAL READING	SIGNATURE	COMMENTS
7/10/00	pH 4.01, 7.00	pH = 4.0 + 7.0 buffer solution		<i>[Signature]</i>	
7/11/00	pH 7.08, 10.01 ORP 100.1	pH = 7.0 + 10.0 buffer ORP = 100 mV		<i>[Signature]</i>	
7/12/00	ORP 172 pH 4.01, 7.00	pH = 4.0 + 7.0 buffer ORP = 100 mV	ORP 100 pH 4.00, 7.00	<i>[Signature]</i>	
7/13/00	ORP = 166.4 pH 4.01, 7.00	pH = 4.0 + 7.0 buffer ORP = 100 mV	ORP = 100 pH 4.00, 7.00	<i>[Signature]</i>	
7/17/00	pH 4.01, 7.00 ORP = 168.4	pH = 4.0 + 7.0 buffer ORP = 100 mV	pH = 4.01, 7.00 ORP = 100.0	<i>[Signature]</i>	
7/18/00	pH 7.00, 10.03 ORP = 544	pH = 7.0 + 10.0 buffer ORP = 465 mV	pH = 7.00, 10.00 ORP = 465	<i>[Signature]</i>	



TETRA TECH NUS, INC.

# PHOTOIONIZATION DETECTOR FIELD CALIBRATION LOG

Serial No.: EDHK 339

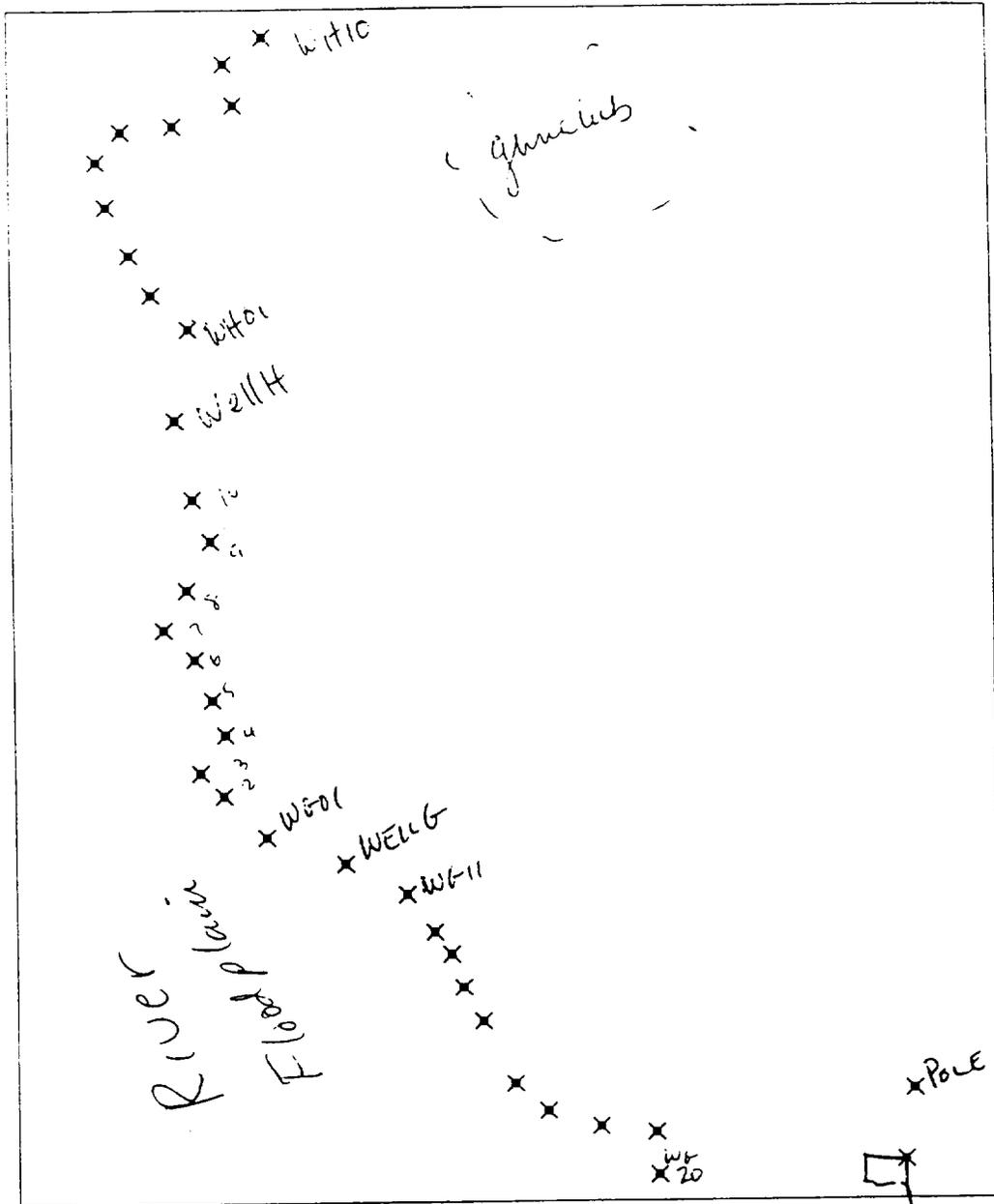
Model No.: Photoxic 2000

Decal No.: \_\_\_\_\_

Site Name/Location: Industri Plex

Tetra Tech NUS Job No./PMS: 05104

CALIBRATION DATE	STANDARD GAS- ISOBUTYLENE	CALIBRATION READING Isobutylene Equiv. (ppm)	CALIBRATION CHECK Isobutylene Equiv. (ppm)	SIGNATURE	COMMENTS
7/10/00	Lot # <u>92499</u> Conc. = <u>101</u> ppm	<u>101 ppm</u> Starting 0 ppm	<u>101 ppm</u> Cal 101 ppm	<i>[Signature]</i>	
7/11/00	Lot # <u>92499</u> Conc. = <u>100</u> ppm	<u>100 ppm</u> Starting 0 ppm		<i>[Signature]</i>	
7/12/00	Lot # <u>8100</u> Conc. = _____ ppm				
	Lot # _____ Conc. = _____ ppm				
	Lot # _____ Conc. = _____ ppm				
	Lot # _____ Conc. = _____ ppm				
	Lot # _____ Conc. = _____ ppm				
	Lot # _____ Conc. = _____ ppm				
	Lot # _____ Conc. = _____ ppm				



Lat/Long  
WGS 1984



Scale 1:2000  
0 0.060  
Kilometers

ip0713.cor  
7/13/2000  
Pathfinder Office  
 Trimble

F/I  
Goran

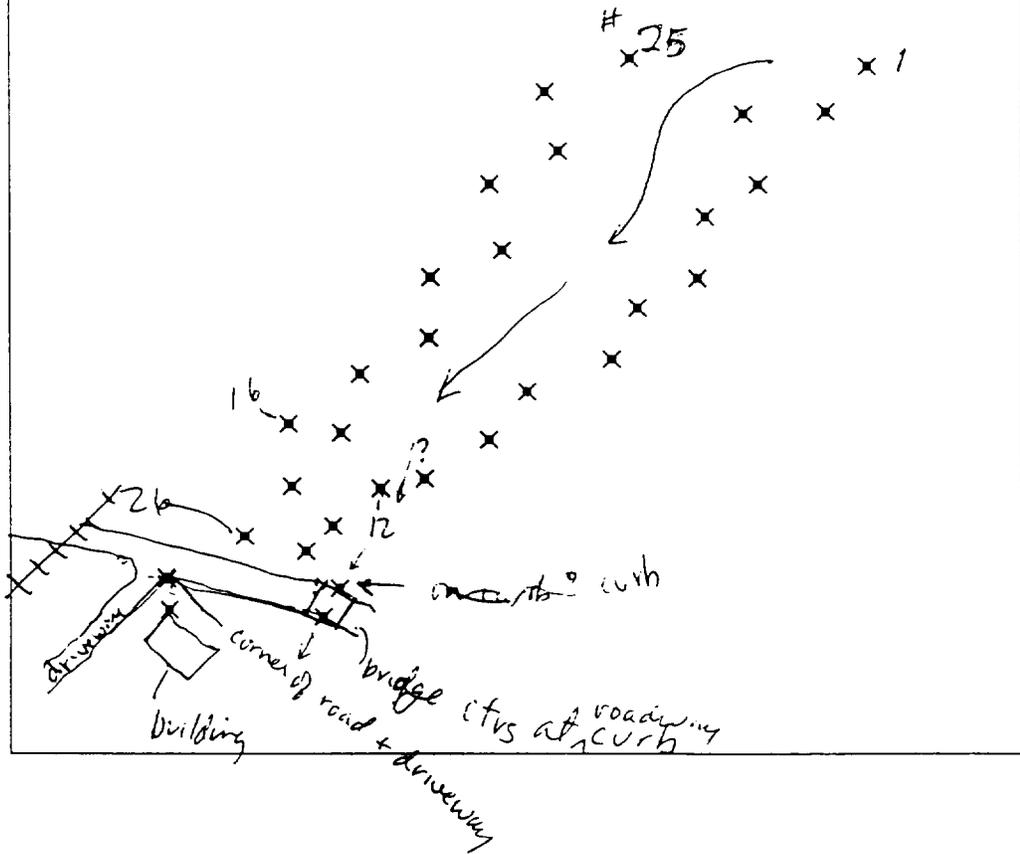
SAVE - provides details

local  
points

I used to check coordinates  
(buildings, house bridge  
etc)

File 0711.cor  
p: dept/staff/GAS/IP

- 100%



Lat/Long  
WGS 1984



Scale 1:2000  
0 0.060  
Kilometers

ip0711.cor  
7/12/2000  
Pathfinder Office  
 Trimble

I'll explain in  
more detail

later.

File 0712.cor

CAR repair

house

These two  
pts are concrete  
rail  
ctr of concrete  
bridge piers

Road/Bridge  
Detail

river  
West  
sidewalk  
East

detail

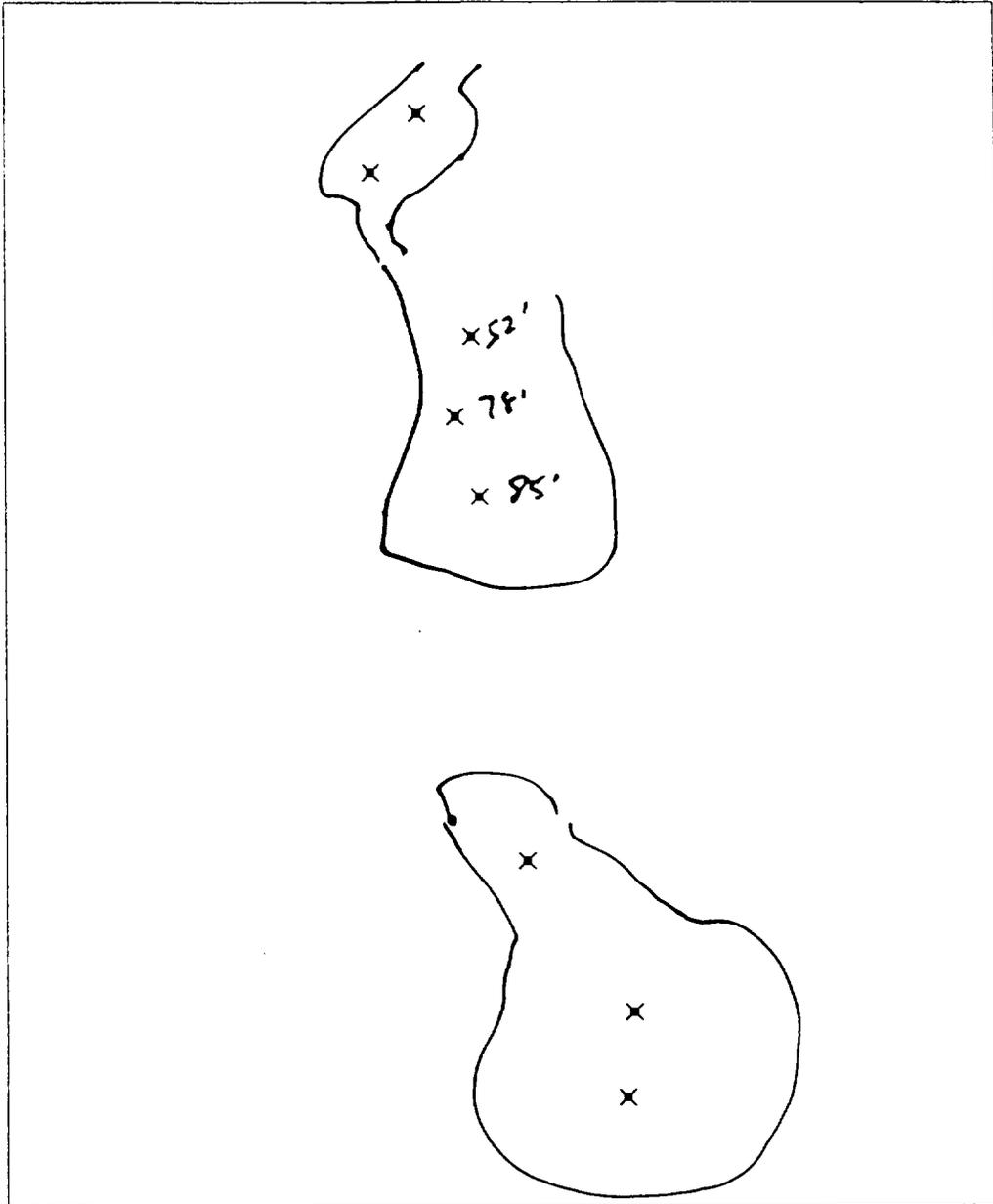
Sidewalk  
ctr

Lat/Long  
WGS 1984



Scale 1:1000  
0 0.030  
Kilometers

ip0712.cor  
7/12/2000  
Pathfinder Office  
 Trimble



# MYSTIC LAKES

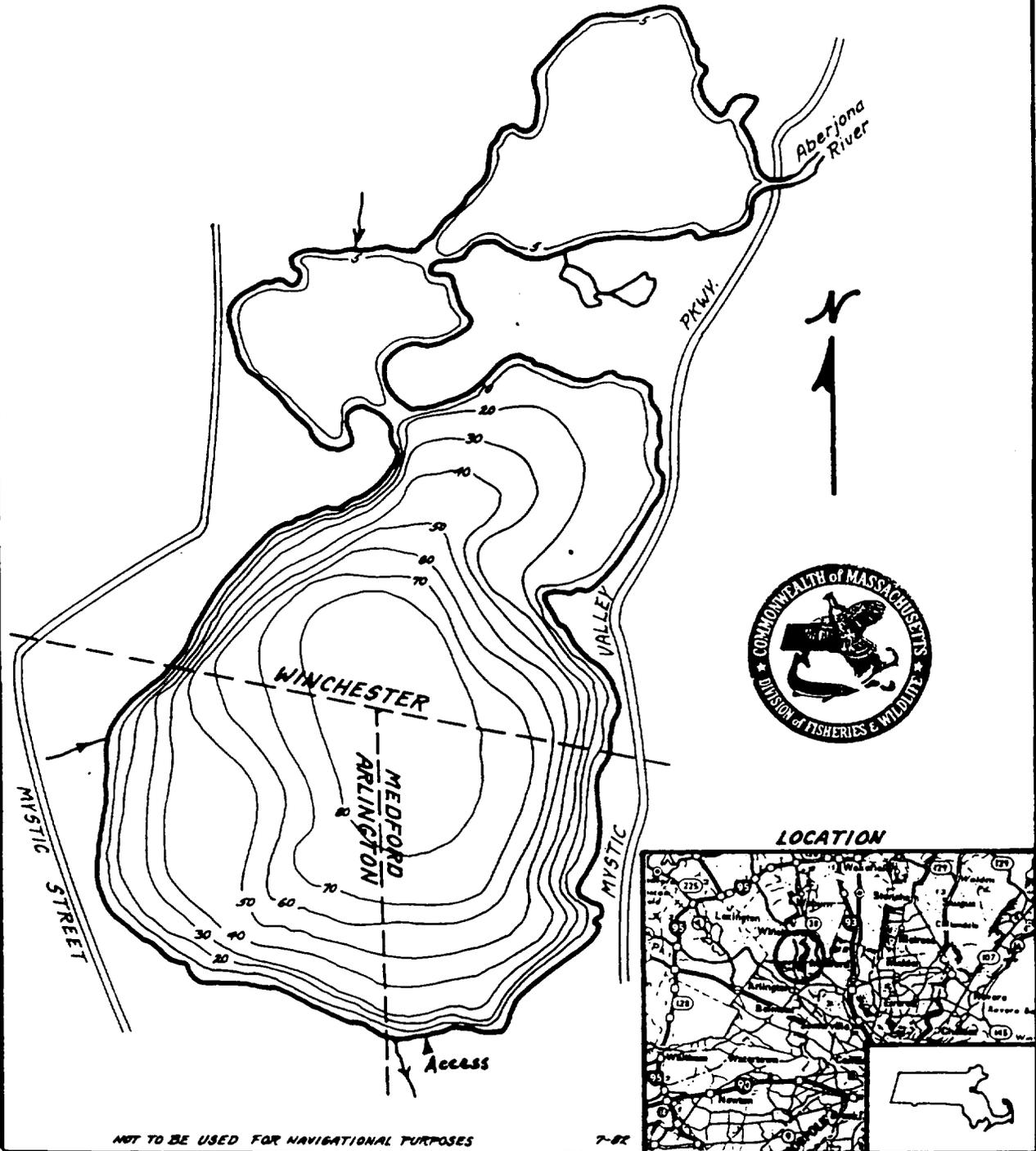
Lat/Long  
WGS 1984



Scale 1:10000  
0 0.300  
Kilometers

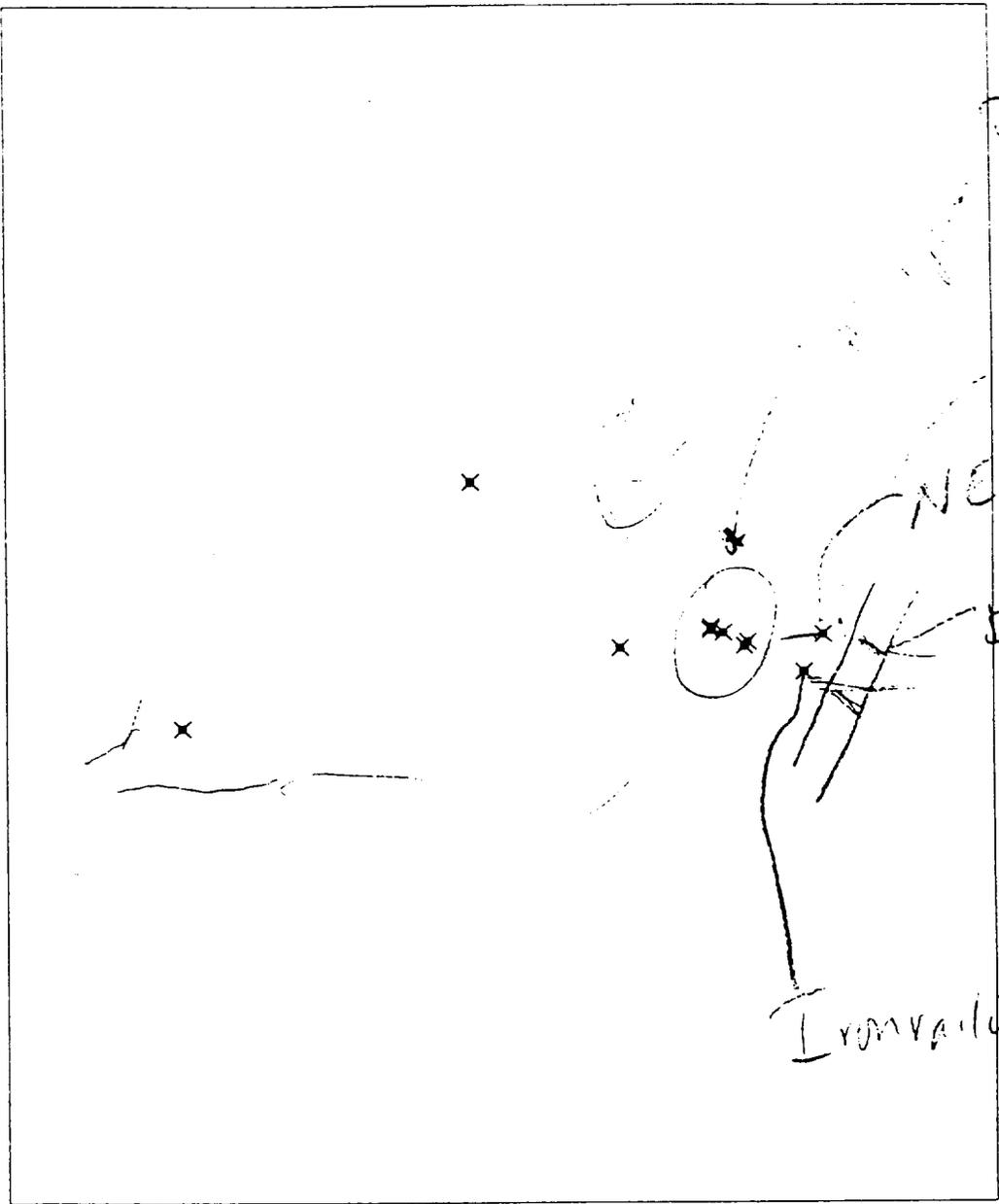
ip0717.cor  
7/17/2000  
Pathfinder Office  
 **Trimble**

**UPPER MYSTIC LAKE**  
**ARLINGTON-MEDFORD-WINCHESTER**  
**200 Acres**

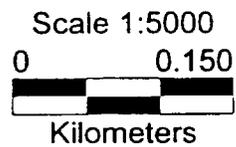


NOT TO BE USED FOR NAVIGATIONAL PURPOSES

7-82



Lat/Long  
WGS 1984



ip0718.cor  
7/19/2000  
Pathfinder Office  
 **Trimble**