

DAHL

& ASSOCIATES, INC.

Environmental Consultants, Contractors & Engineers

November 9, 1995

RECEIVED

NOV 13 1995

MPCA, HAZARDOUS
WASTE DIVISION

Mr. Mike Nelson
Tanks and Spills Section
Minnesota Pollution Control Agency
520 Lafayette Road
St. Paul, Minnesota 55155

Re: Environmental Soil Sampling Services and Proposed Corrective Action Related to
Surface Diesel Spill Located at NuWay Cooperative, Trimont, MN.
MPCA ID# LEAK00008810, NRC Spill #308862

I am forwarding to you the recent soil boring results for the above referenced site. The work was requested September 27, 1995 by Jim Lorenz, General Manager of the NuWay Cooperative as a result of a surface diesel fuel spill which occurred early that morning (9-27-95). Enclosed are copies of laboratory results, a location map, description of the incident, and a test boring and spill location map.

The circumstances of the spill are detailed in the enclosed letter by Mr. Lorenz. It is estimated that 400 gallons of product was lost. The volume of product that spilled onto the ground is not known since the volume of product taken by theft is not known. A minimum of seventy gallons was retrieved by pumping and using absorptive material to collect the free-phase product. Surface soil staining at the site indicated an area where the product pooled east of the tanks and a second larger pool in the drainage ditch of Highway 4, with five-foot wide pathway connecting the two.

On September 28, 1995 DAHL and Associates Inc. advanced three soil borings (TB-1, TB-2, and TB-3) with a hand auger, to depths of seven feet, six feet and six feet, respectively, to determine the extent and magnitude of impact to soil and groundwater in the vicinity of the spill. The soil type encountered was a firm, brown, clayey, very fine sand from the surface to approximately 3.5 feet below the surface underlain by a firm, green clay to a depth of at least 6.5 feet (the bottom of the deepest boring). Groundwater was encountered at approximately four to five feet.

Soil samples were collected for laboratory analysis at each boring from the depth with the highest concentration of total organic vapors as determined by headspace readings. Concentrations of total hydrocarbons as diesel range organics (DRO) were reported as 5780 parts-per-million (ppm) for test boring #2 (TB-2) at 4 feet in depth. TB-1 and TB-3 had DRO concentrations of 281 ppm and 12.7 ppm respectively, both were taken at 4 feet. TB-3 also had a DRO concentration of <10 ppm at a depth of 5 to 6 feet below grade.

FILE:U:\USERS\PROJECTS\AMFILES\174\LTRRPT2.SAM

4390 McKenney Road • Saint Paul, Minnesota 55127 • (612) 490-2905 • FAX (612) 490-3777



Printed on recycled paper.



November 9, 1995

Mr. Mike Nelson


Page 2

Water samples were retrieved from the temporary monitoring wells associated with TB-1 and TB-2. A third water sample (labeled "Cistem" on laboratory report) was taken from a drain tile pipe which runs under the path of the spill at four to five feet in depth. The water samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) and DRO. The water sample retrieved from TB-2 had a DRO concentration of 27,400 parts-per-billion (ppb) and BTEX concentrations ranging from 12.7 ppb to <1 ppb. Water retrieved from TB-1 had a DRO concentration of 6,000 ppb and all BTEX compounds were found to be <3 ppb. The sample collected from the drainage tile was found to have concentrations of BTEX and DRO below the detection limits.

The estimated quantity of soil with field screenings above action levels is 130 cubic yards. The area of impacted soil in the ditch is estimated to be 10 to 20 cubic yards. DAHL recommends the removal of the impacted soil in the ditch as a means to reduce possible spread of the petroleum to surface water and groundwater. The excavation may not be possible until the spring of 1996 due to the frozen ground conditions at this time.

If you should any questions or comments, please contact Marge Free at (612) 490-3766.

Sincerely yours,
DAHL and ASSOCIATES, INC.


Paul D. Meadows
Assistant Project Manager


Margery Free, P.E.
Project Manager-Engineer

PDM/mf

Enclosures

cc: Mr. Jim Lorenz, NuWay Cooperative

WELL SEALING NOTIFICATION

License M0095
612/490-3780

Unique # H69824 Depth 5
County MARTIN
Township
C-T-R-S = 46-104-32-29
1/4s = - - -NW
Well Street Address:
HIGHWAY 4

MARK A. JOHNSON
DAHL AND ASSOCIATES
4390 MCMENEMY ROAD
ST. PAUL, MN 55127

Recd 09/28/95
** WELL OWNER AND ADDRESS **
NUWAY COOPERATIVE
HIGHWAY 4 SOUTH
P.O. BOX 0
TRIMONT, MN 56176-

* - * - * - * - * - * - * - * - *

WELL OR BORING LOCATION

County Name

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING SEALING RECORD Minnesota Unique No
Minnesota Statutes, Chapter 103J
Sealing No.

H 69824

Township Name

MARTIN

Approximate Date Well or Boring Constructed

Township No 104N
Range No 32W
Section No 29

Fraction (sm. lg.) SW1/4 SW1/4

Date Sealed

9/28/95

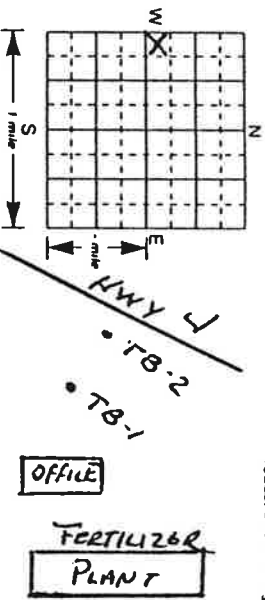
Original Depth

9/28/95

Numerical Street Address or Fire Number and City of Well or Boring Location

HWY 4 N. TRIMONT

Show exact location of well or boring in section grid with 'x'. Sketch map of well or boring location, showing property lines, roads, and buildings.



PROPERTY OWNER'S NAME

NUWAY COOPERATIVE

Mailing Address if different than property address indicated above

P.O. BOX Q

HWY 4 SOUTH

TRIMONT MN 56176

GEOLOGICAL MATERIAL

COLOR

HARDNESS OF FORMATION

FROM

TO

If not known, indicate estimated formation log from nearby well or boring.

| GEOLOGICAL MATERIAL | COLOR | HARDNESS OF FORMATION | FROM | TO |
|-------------------------|-------|-----------------------|------|----|
| clayey fine sand | Blk | FIRM | 0 | 3 |
| clayey fine sand lt brn | soft | | 3 | 7 |
| FOB @ 7 | | | | |
| | | | | |
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REMARKS. SOURCE OF DATA. DIFFICULTIES IN SEALING

DAHL & ASSOCIATES, INC.
TEMPORARY MONITORING WELLS
WATER SAMPLES COLLECTED & BOREHOLE
SEALED ON SAME DAY, HAND AUGER USED

PROJECT # 2495-5174 TB 1 & 2
MINN. DEPT. OF HEALTH COPY H 69824

Minnesota Unique No

or Well (if known)

Depth Before Sealing

7 ft

Original Depth

7 ft

Static Water Level

Accurate

Approximate

7 ft X below above land surface

CASING TYPE

Steel

Passic

Tile

Other NA

Screen from NA to NA ft Open Hole from NA to NA ft

OBSTRUCTION/DEBRIS/FILL

Obstruction Debris Fill

Type of debris/obstruction NA

Obstruction/Debris/Fill removed? Yes No

PUMP

Removed Not Present Other

CASING

Diameter NA

Depth

Set in oversize hole? Annular space initially grouted?

in from to ft Yes No Yes No Yes No Yes No Unknown

in from to ft Yes No Yes No Yes No Yes No Unknown

in from to ft Yes No Yes No Yes No Yes No Unknown

METHOD USED TO SEAL ANNULAR SPACE BETWEEN 2 CASINGS, OR CASING AND BORE HOLE:

No Annular Space Exists

Annular space grouted with tremie pipe

Casing Perforation Removal

in from to ft Perforated Removed

in from to ft Perforated Removed

in from to ft Perforated Removed

Type of perforator Perforated Removed

GROUTING MATERIAL

Grouting material: NEAT CEMENT from 0 to 7 ft 0.1 yards bags

from to ft yards bags

from to ft yards bags

from to ft yards bags

from to ft yards bags

UNSEALED WELLS AND BORINGS

Other unsealed well or boring on property? Yes No

LICENSED OR REGISTERED CONTRACTOR CERTIFICATION

This well or boring was sealed in accordance with Minnesota Rules, Chapter 4725. The information contained in this report is true to the best of my knowledge.

DAHL & ASSOCIATES, INC.

MD0095

Contractor Business Name

DC

License or Registration No

Authorized Representative Signature

DC

Date

Name of Person Sealing Well or Boring

Paul Measius

Paul Measius

DAHL & ASSOCIATES, INC.

Geologic Report: SOIL BORING LOG

Project Name: NU-WAY, TRIMONT
 Job Number: 2495-5174

HOLE ID: TB-1
 Geologist: PM

DATE: 9/28/95
 Driller/Co.:

| Depth
(feet) | Sample
| Sample
type | Description of Material
General | USCS | PID/FID
(ppm) | Blow
Counts | H2O |
|------------------------|-------------|----------------|---|------|------------------|----------------|-----|
| | | | | | | | |
| 0-6" | 1 | ha | Black clayey fine sand, petroleum odor | sc | 150 | 35 | |
| 1 1/2-2' | 2 | ha | Same soil, moist | sc | 225 | 75 | |
| 3-4 | 3 | ha | Moist firm light brown fine sand, no mottling | sc | 6.5 | 3 | |
| 5-6 | 4 | ha | Same soil, moist | sc | 12 | 4 | |
| 6-7 | 5 | ha | Same soil | sc | nd | | |
| EOB @ 7 | | | | | | | |
| Water sample collected | | | | | | | |
| 25 | | | | | | | |

DRILLING SUMMARY

PID/FID INFORMATION

ELEVATION DATA

Drill/Method: HAND AUGER
 Time Start: 10:40
 Time Complete: 12:08
 Total Time:
 Drilling Rate:

Make: FID
 Model: CENTURY OVA 108
 Unit ID: NEW
 Time of Calibration:

Surveyed:
 Surface Elevation:
 WATER LEVEL:
 6'
 Water level indicated on log: *
 Depth of oxidation on log: ox

DAHL & ASSOCIATES, INC.

Geologic Report: SOIL BORING LOG

Project Name: NU-WAY TRIMONT
Job Number: 2495-5174

HOLE ID: TB-2
Geologist: PM

DATE: 9/28/95
Driller/Co.:

| Depth
(feet) | Sample | | Description of Material
General | USCS | PID/FID
(ppm) | Blow
Counts | H2O |
|------------------------|--------|------|---|------|------------------|----------------|-----|
| | # | Type | | | | | |
| 0 | 1 | ha | Moist firm black clayey fine sand | sc | 100 | nd | |
| 1-2 | 2 | ha | Same soil | sc | 52 | 6 | |
| 3-4 | 3 | ha | Moist soft light brown clayey fine sand with minor | sw | 17 | 4 | |
| 4-5 | 4 | ha | Medium wet gravel, soft light brown fine sand, mottling | sp | 2.5 | nd | |
| 5-6 | 5 | ha | Same soil | sp | nd | | |
| EOB @ 6' | | | | | | | |
| Water sample collected | | | | | | | |
| 10 | | | | | | | |
| 15 | | | | | | | |
| 20 | | | | | | | |
| 25 | | | | | | | |

DRILLING SUMMARY

PID/FID INFORMATION

ELEVATION DATA

Drill/Method: HAND AUGER
Time Start: 12:45
Time Complete: 2:30
Total Time:
Drilling Rate:

Make: FID
Model: CENTURY OVA 128
Unit ID: NEW
ppm Span Gas:
Time of Calibration:

Surveyed:
Surface Elevation:
WATER LEVEL: 5'
Water level indicated on log: *
Depth of oxidation on log: ox

DAHL & ASSOCIATES, INC.

Geologic Report: SOIL BORING LOG

Project Name: NU-WAY TRIMONT
Job Number: 2495-5174

HOLE ID: TB-3
Geologist: PM

DATE: 9/28/95
Driller/Co.:

| Depth (feet) | Sample # | Sample Type | Description of Material | USCS | PID/FID (ppm) | Blow Counts | H2O |
|--------------|----------|-------------|---|------|---------------|-------------|-----|
| 3-8" | 1 | | Moist, firm black clayey very fine sand, petroleum odor | sc | 98 | 23 | |
| 2-3' | 2 | | Same soil, no odor | sc | 125 | 1/8 | |
| 3-4' | 3 | | Same soil, no odor, trace of gravel, moist | sc | 25 | 5 | |
| 5-6' | 4 | | Wet light brown clayey fine sand | sp | nd | | |
| EOB @ 6' | | | | | | | |

DRILLING SUMMARY

PID/FID INFORMATION

ELEVATION DATA

Drill/Method: HAND AUGER
Time Start: 2:30
Time Complete: 4:00
Total Time:
Drilling Rate:

Make: FID
Model: CENTURY OVA 128
Unit ID:
ppm Span Gas:
Time of Calibration:

Surveyed:
Surface Elevation:
WATER LEVEL: 5'
Water level indicated on log: *
Depth of oxidation on log: ox

330 SO. CLEVELAND ST.
P.O. BOX 349
CAMBRIDGE, MN 55008



LAB
METRO
FAX

(612) 689-2175
(612) 444-9270
(612) 689-3660

MIDWEST ANALYTICAL SERVICES
MINNESOTA CERTIFIED LABORATORY
NUMBER 027-059-156

October 12, 1995

Marge Free
Dahl & Associates
4390 McMenemy Road
St. Paul, MN 55127

Project ID: 2495 5174
Chain of Custody: 14673
Date Sampled: 09-28-95
Date Received: 09-29-95
Date Analyzed: 10-10-95

| Sample Identification: | Matrix: | |
|------------------------|-----------------|-------|
| Lab ID: 95-08200 | TB1, S-2, 1½-2' | Soil |
| 95-08201 | TB2, S-1, 3-8'' | Soil |
| 95-08202 | TB3, S-2, 2-3' | Soil |
| 95-08203 | TB3, S-4, 5-6 | Soil |
| 95-08204 | TB1, 4' | Water |
| 95-08205 | TB2, 4' | Water |
| 95-08206 | Cistern | Water |

Samples were analyzed for DRO by the Wisconsin Modified DRO procedure. The results are reported on the following page.

Sincerely,

Chad Holzmagel
Chemist

MIDWEST ANALYTICAL SERVICES

Page 2
COC 14673

| Parameter: | Benzene | Toluene | Ethyl Benzene | Xylenes | Total Hydrocarbons as DRO | Percent Moisture |
|-----------------|---------|---------|---------------|---------|---------------------------|------------------|
| Units | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | PPM (%) |
| Detection Limit | 0.050 | 0.050 | 0.050 | 0.150 | 10.0 | |

| Sample Number | Benzene | Toluene | Ethyl Benzene | Xylenes | Total Hydrocarbons as DRO | Percent Moisture |
|----------------------|---------|---------|---------------|---------|---------------------------|------------------|
| 95-08200
TB1, S-2 | BDL | BDL | BDL | BDL | 281 | 20.2 |
| 95-08201
TB2, S-1 | 0.446 | 1.92 | 1.17 | 5.11 | 5780 | 26.7 |
| 95-08202
TB3, S-2 | BDL | BDL | BDL | BDL | 12.7 | 19.5 |
| 95-08203
TB3, S-4 | BDL | BDL | BDL | BDL | BDL | 23.5 |

BDL = Below Detection Limit

| Parameter: | Benzene | Toluene | Ethyl Benzene | Xylenes | Total Hydrocarbons as DRO |
|-----------------|---------|---------|---------------|---------|---------------------------|
| Units | (ug/L) | (ug/L) | (ug/L) | (ug/L) | (mg/L) |
| Detection Limit | 1.0 | 1.0 | 1.0 | 3.0 | 0.1 |

| Sample Number | Benzene | Toluene | Ethyl Benzene | Xylenes | Total Hydrocarbons as DRO |
|---------------------|---------|---------|---------------|---------|---------------------------|
| 95-08204
TB1, 4' | BDL | BDL | BDL | BDL | 6.0 |
| 95-08205
TB2, 4' | BDL | 3.5 | 2.9 | 12.7 | 27.4 |
| 95-08206
Cistern | BDL | BDL | BDL | BDL | BDL* |

BDL = Below Detection Limit
* = Peaks present in range but below detection limit.



330 SO. CLEVELAND ST.
P.O. BOX 349
CAMBRIDGE, MN 55008

CHAIN OF CUSTODY RECORD

AND

REQUEST FOR ANALYSIS

(Instructions on Back of Form)

NO 14673

LAB (612) 689-2175
METRO (612) 444-9270
FAX (612) 689-3660

| CLIENT: <u>Dahl & Assoc. Inc.</u> | | | | | SAMPLER NAME: <u>Paul Meadows</u> | | | | | SHADED AREAS FOR LABORATORY USE ONLY | | | | | | | | | | | | | | | | |
|--|-------|-------------|---------|---|--|--------------|-------|--------------------------|------------|--------------------------------------|---------------------|--------------------------|------|-------------|----|--------------------------|---------------|-------------|-----|--------------------------|--------------------|---|------------------|--------------------------------|-----------------|-------|
| PROJECT I.D.: <u>2495 5174</u> | | | | | SAMPLER SIGNATURE: <u>Paul Meadows</u> | | | | | | | | | | | | | | | | | | | | | |
| REPORTS TO BE SENT TO: <u>Marge Free</u> | | | | | REMARKS: | | | | | | | | | | | | | | | | | | | | | |
| NO. OF CONTAINERS | COMP. | GRAB | DATE | TIME | MATRIX | | | SAMPLE IDENTIFICATION | | | GRO (Includes BTEX) | DRO | BTEX | VOC (465-D) | PH | Pb (DISS. OR TOTAL) | RCRA 8 METALS | BOD OR CBOD | TSS | FCOL OR TCOL | <i>Maintenance</i> | PRESERVATIVE | | | | |
| | | | | | WATER | SOIL | OTHER | SAMPLE | SAMPLE NO. | LABORATORY I.D. NO. | | | | | | | | | | | | HCl | HNO ₃ | H ₂ SO ₄ | IC ⁻ | OTHER |
| 5 | X | | 9/28/95 | 11:30 | X | | | TB1 S-2, 1 1/2-2' | | 95-08200 | 2 | 2 | | | | | | | | | | | | | X | 2 |
| 5 | X | | 9/28/95 | 1:00 | X | | | TB2 S-1, 3-8" | | 8201 | 2 | 2 | | | | | | | | | | | | | X | 2 |
| 5 | X | | 9/28/95 | 3:15 | X | | | TB3 S-2, 2-3' | | 8202 | 2 | 2 | | | | | | | | | | | | | X | 2 |
| 5 | X | | 9/28/95 | 3:45 | X | | | TB3 S-4, 5-6 | | 8203 | 2 | 2 | | | | | | | | | | | | | X | 2 |
| 4 | | | 9/28/95 | 12:15 | X | | | TB1 4' | | 8204 | 1 | 3 | | | | | | | | | | | | | | |
| 4 | | | 9/28/95 | 2:40 | X | | | TB2 4' | | 8205 | 1 | 3 | | | | | | | | | | | | | | |
| 4 | | | 9/28/95 | 9:40 | X | | | Cistern | | 8206 | 1 | 3 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date / Time | | Received by: (Signature) | | Date / Time | | Received by: (Signature) | | Date / Time | | Received by: (Signature) | | Date / Time | | Received by: (Signature) | | Date / Time | | Received by: (Signature) | | CHECK HERE FOR DRINKING WATER DETECTION LIMITS <input type="checkbox"/>

TURNAROUND TIME REQUIRED:
<input type="checkbox"/> NORMAL <input type="checkbox"/> RUSH

DATE REQUIRED: | | | | |
| <u>Paul Meadows</u> | | 9/28/95 | | <u>Clara McLay</u> | | | | | | | | | | | | | | | | | | | | | | |
| <u>Clara McLay</u> | | 10/12/95 | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date / Time | | Received by: (Signature) | | Date / Time | | Received by: (Signature) | | Date / Time | | Received by: (Signature) | | Date / Time | | Received by: (Signature) | | Date / Time | | Received by: (Signature) | | | | | | |
| <u>Clara McLay</u> | | 10/12/95 | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date / Time | | Received for Laboratory by: (Signature) | | Date / Time | | Temperature: | | Comments: | | | | | | | | | | | | | | | | |
| <u>Clara McLay</u> | | 10/12/95 | | <u>Clara McLay</u> | | 9-29-95 3:10 | | KE | | | | | | | | | | | | | | | | | | |

NUWAY COOPERATIVE



-MAILING ADDRESS-

P.O. Box Q
TRIMONT, MN 56176-0371
MAIN OFFICE:
507 / 639-2311 or 800 / 445-4118
Fax: 507 / 639-4006



FRANCHISE STORES
TRIMONT, MN
ST. JAMES, MN
FAIRMONT, MN
WELCOME, MN
BUTTERFIELD, MN

September 27, 1995

A diesel fuel spill was discovered by Roger Quade at 8:15 a.m. on September 27, 1995 at the fertilizer plant located 2 miles north of Trimont. Roger is the manager at the facility. He called the NuWay Cooperative Response Team consisting of Jim Lorenz, General Manager, Mike Goldencrown, Office Manager/ Controller, Layne Ebeling, plant employee and Ron Erickson, petroleum employee. Roger then called the Martin County Sheriff and reported the spill which was the result of a theft of the diesel fuel. The person then left the hose lay on the ground and diesel fuel siphoned onto the ground. The spill was called into MPCA at 8:45 a.m. by Jim Lorenz.

The NuWay team pumped all the pooled fuel into drums retrieving approximately 70 gallons. The area was covered with absorbant pads and rolls, removing all fuel that could be removed. The entire area was isolated by plugging and diking any way fuel could get out of the area.

As far as we know about 400 gallons of fuel is gone, we do not know how much was taken by the person taking the fuel.

Jim Lorenz GM

NORTH



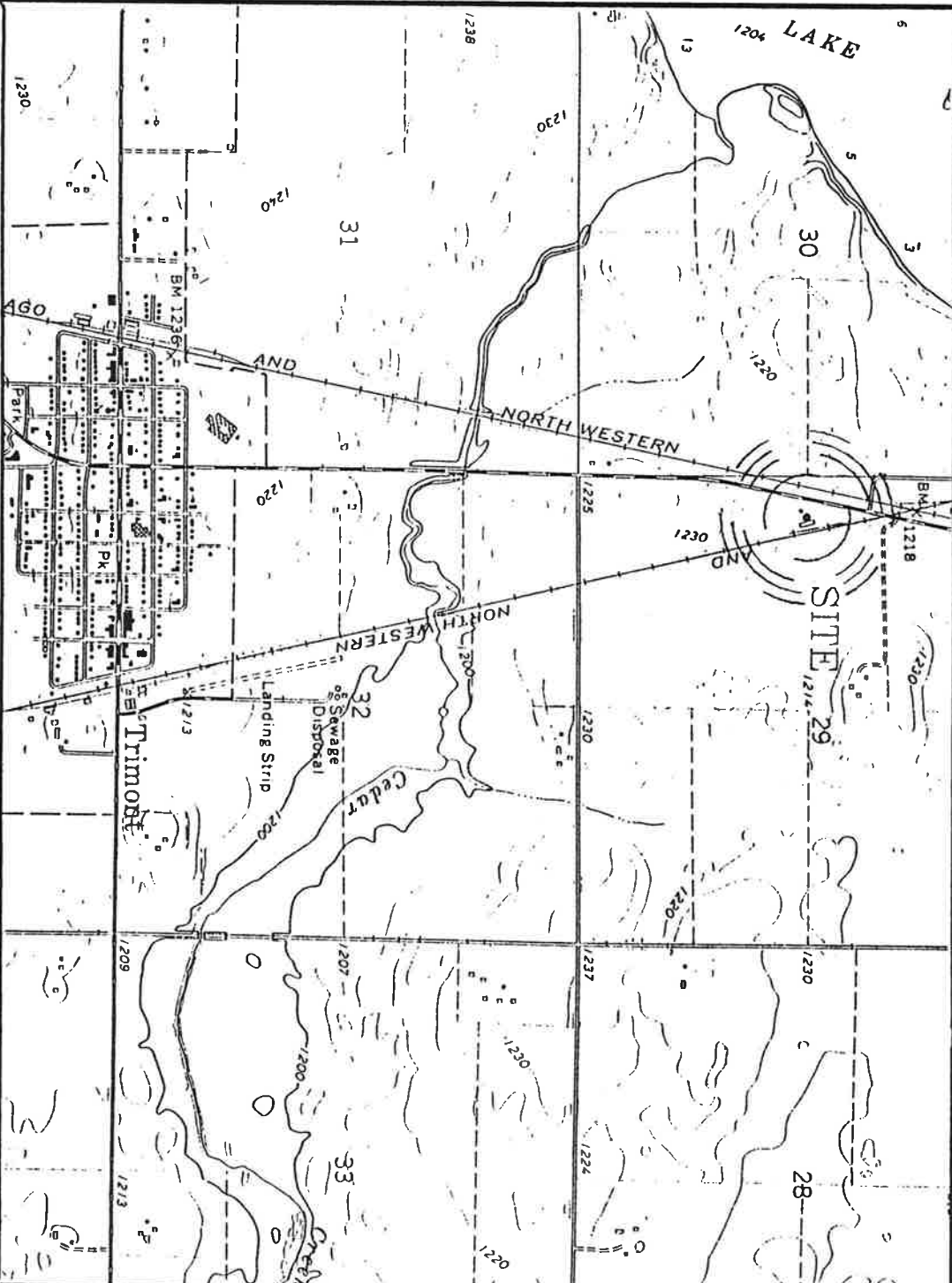
PROJECT SITE LOCATION

LAT. N. 43° 46' 57"
LONG. W. 94° 42' 46"

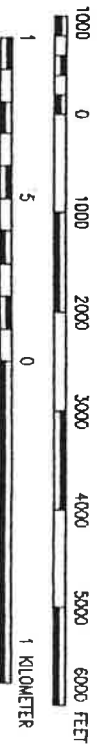
T. 104N
R. 32
SEC. 29

U.S.G.S. STANDARD NAME
TRIMONT, MINN.

QUADRANGLE LOCATION



SCALE 1:24000



CONTOUR INTERVAL 10 FEET

BASED ON U.S.G.S. 7.5 MINUTE SERIES (TOPOGRAPHIC) MAP

Heavy duty Light duty
Medium duty Unimproved dirt

Interstate Route U.S. Route State Route

4390 McMenemy Road
Saint Paul, MN 55127
Phone (612)490-2905
FAX (612)490-3777

DAHL
& ASSOCIATES, INC.

Environmental Consultants, Contractors & Engineers

LOCATION MAP

NUWAY COOP

HWY 4

TRIMONT, MINNESOTA

PLOT DATE 10/23/95 AutoCAD FILE NAME 5174-01A PLOT SCALE 1" = 2000'

| DATE DRAWN | 10/23/95 | DRAWN BY | M. Pageler | APPR. BY |
|----------------|----------|----------------|------------|--------------|
| PROJECT NUMBER | 24955174 | DRAWING NUMBER | A-01-A | PIECE NUMBER |
| | | | | 1 |

Emergency Response Bid Waiver

To: Responsible Party Nubly Cooperative
Street Address STATE HIGHWAY 4, BOX 0
City, State, Zip Code TRIMONT, MN 56176

| | |
|---|-------------------------------|
| Site Name <u>Nubly Fertilizer Plant</u> | Leak # <u>8810</u> |
| Address <u>High 4 North</u> | Date of Report <u>9/27/95</u> |

The following actions should be taken to remediate the emergency conditions at the above-referenced site. Only these specified tasks are exempt from the two bid requirements. Unless approved by the assigned project manager, other phases of investigation and remediation at this site will need two bids.

- Recovery and control of pooled petroleum on land.
- Recovery and control of petroleum on surface or ground waters. *(in ditch, if present)*
- Recovery and control of petroleum infiltrating a sanitary or storm sewer.
- Recovery and control of petroleum infiltrating a building or structure.
- Removal and control of petroleum vapors in a building, structure or sewer.
- Relocation of affected residents.
- Excavation of petroleum contaminated soil to eliminate emergency conditions.
- Product removal from a tank.
- Soil borings/monitoring well installation. to assess the emergency conditions.
- Collecting and analyzing surface water, ground water, soil or air samples to assess or monitor the emergency situation.
- Providing an alternate water supply to an affected well owner.
- Other, specify _____

Authorization: *Mike Nelson* 10/30/95 *2 for work complete*
(sign and date)
MIKE NELSON 297-8577
(print name and telephone #)
after 9/27/95

Tanks and Spills Section
Hazardous Waste Division

Minnesota Pollution Control Agency, Tanks and Spill Section

This document can be made available in other formats, including Braille, large print and audio tape.
TDD (612) 297-5353 or 1-800-627-3529



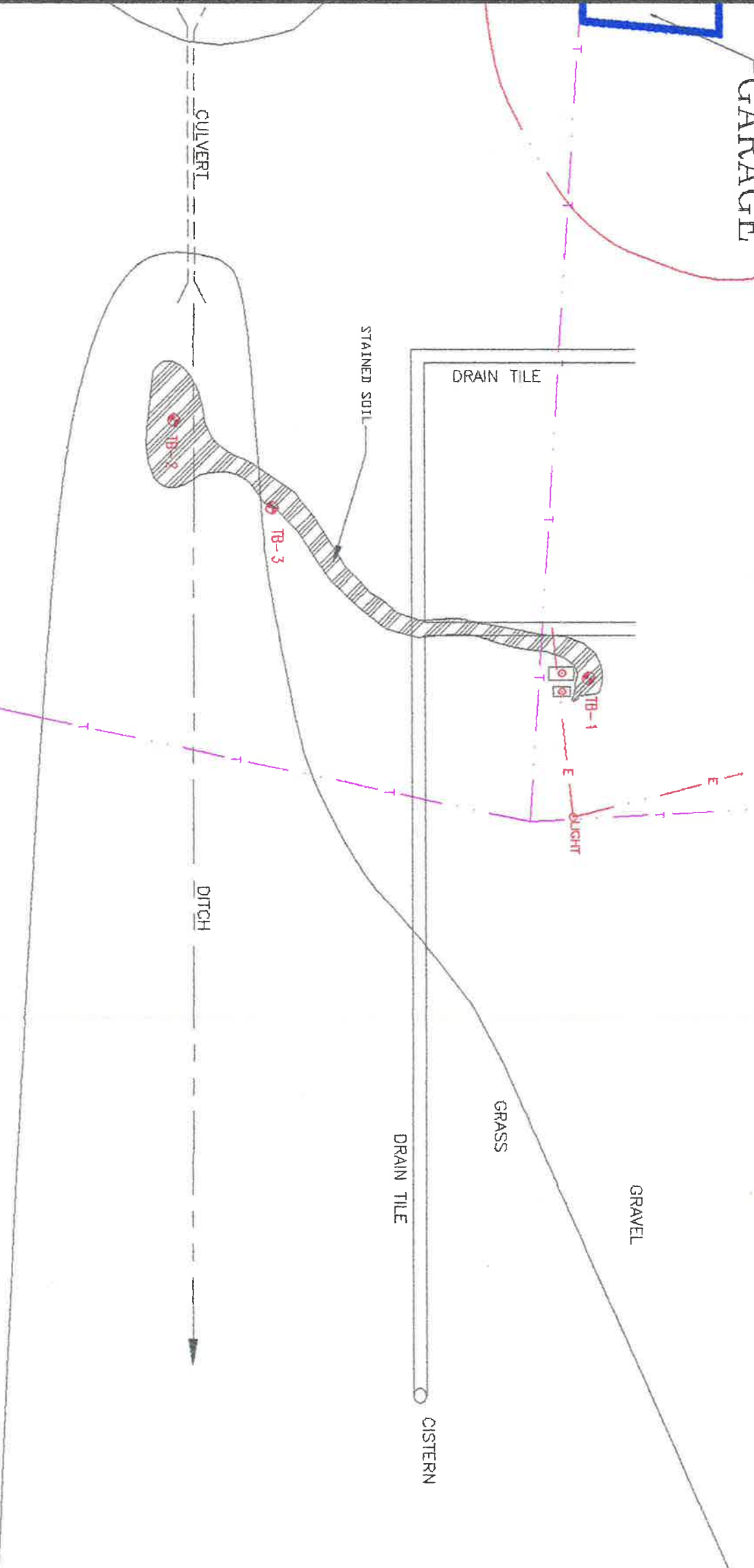
Printed on recycled paper containing at least 10% fibers from paper recycled by consumers.

FERTILIZER PLANT

OFFICE

GARAGE

HIGHWAY 4



EXPLANATION

NOTE :
This drawing (including property lines, structures, and locations of buried utilities) is not exact. For precise locations, consult a registered land surveyor and appropriate utility company.

| TANK# | VOLUME | CONTENTS |
|-------|----------|------------|
| ① | 1000gal. | DIESEL |
| ② | 500gal. | UNLUBRATED |

◆ TB- TEST BORING

--- T --- TELEPHONE LINE
--- E --- ELECTRIC



TEST BORING LOCATIONS

NUWAY FERTILIZER PLANT

HIGHWAY 4 NORTH
TRIMONT, MN

4390 McMenemy Road
Saint Paul, MN. 55127
Phone (612)490-2905
FAX (612)490-3777

DAHL
& ASSOCIATES, NC.
Environmental Consultants, Contractors & Engineers

DAHL STD NO: B-00-A

| | |
|----------------|--------------|
| DATE DRAWN | 10/03/95 |
| DRAWN BY | JACOB ASHLEY |
| APPROVED BY | |
| DRAWING NUMBER | B-05-B |
| PROJECT NUMBER | 24955174 |
| FIGURE NUMBER | |

PLOT DATE 11/10/95

AutoCAD FILE NAME 5174-05B

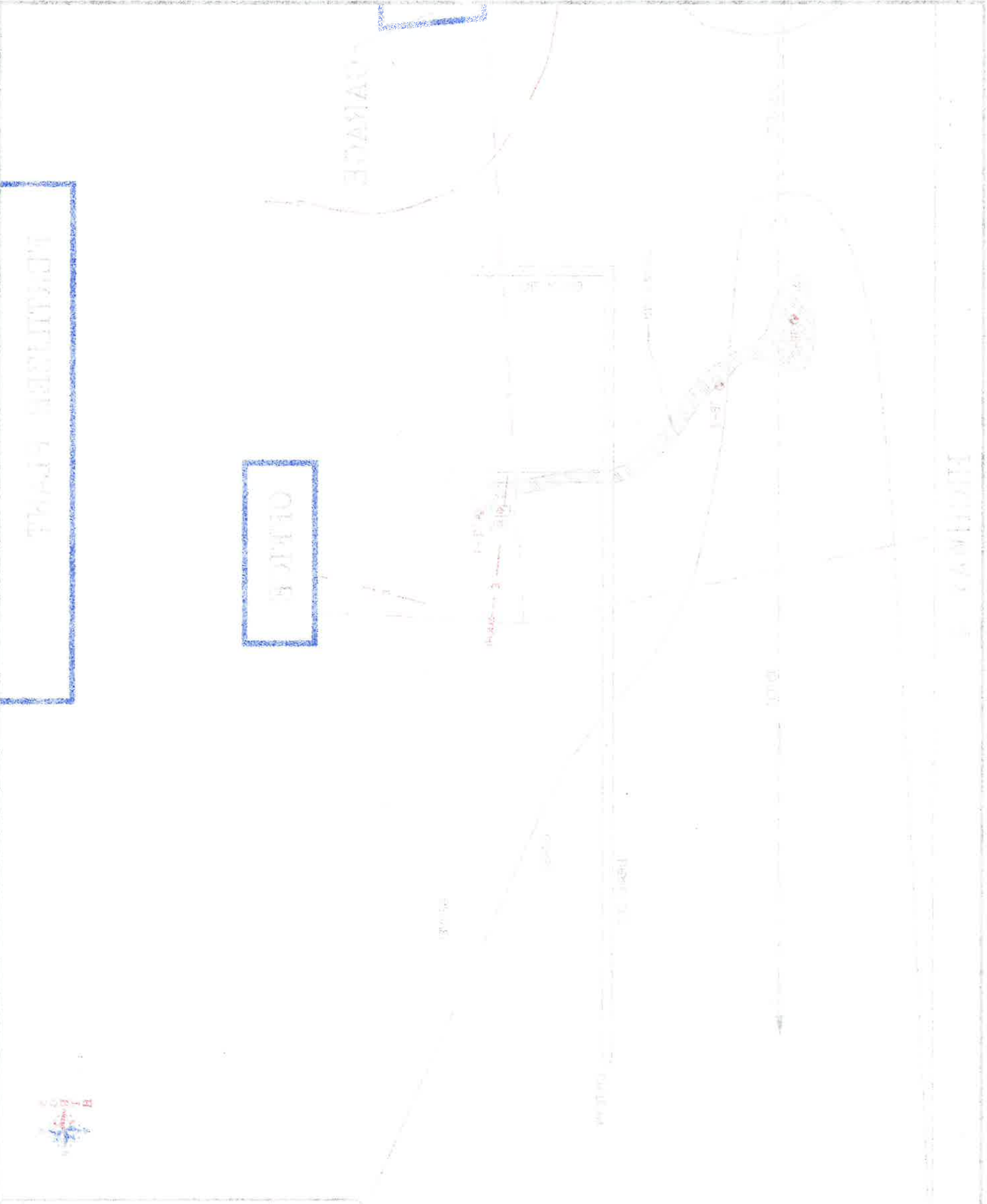
PLOT SCALE 1"=40'

1. The test location is located in the area of the test borehole. The test location is located in the area of the test borehole. The test location is located in the area of the test borehole.

DAHL
 9 ASSOCIATES, INC.
 10000 W. 10th Ave., Suite 100
 Denver, CO 80202
 Phone: (303) 750-1000
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TEST BOREHOLE LOCATION
 HURLEY & JOHNSON
 10000 W. 10th Ave., Suite 100
 Denver, CO 80202
 Phone: (303) 750-1000
 Fax: (303) 750-1001
 Email: info@dahl.com

| | |
|----------|------------|
| DATE | 10/14/03 |
| TIME | 10:00 AM |
| BY | J. JOHNSON |
| REVISION | 1 |



TRAILER

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GARAGE

GARAGE