

Confirm. GW Contamination (Y/N)
 Major Soil Contamination (Y/N)
 Minor Soil Contamination (Y/N)

Incident # _____
 Date Incident Occurred
 or Leak Detected 12-11-92

Updated PIRF

INCIDENT DESCRIPTION

Incident Location/Name Draper Corporation
 Address 5644 Hornaday Rd.
 City/Town Greensboro County Guilford Region WSRO
 Briefly Describe Incident UST closure confirmed release.

POTENTIAL SOURCE OWNER-OPERATOR

Potential Source Owner-Operator _____ Telephone _____
 Company Draper Corporation Street Address 5644 Hornaday Rd.
 City Greensboro County Guilford State NC Zip Code 27409

OWNERSHIP
 0. N/A 1. Municipal 2. Military 3. Unknown 4. Private 5. Federal 6. County 7. State
OPERATION TYPE
 0. N/A 1. Public Service 2. Agricultural 3. Residential 4. Educational/Relig. 5. Industrial 6. Commercial 7. Mining

MATERIALS INVOLVED	POLLUTANTS INVOLVED	AMOUNT LOST	AMOUNT RECOVERED
<u>Perchloroethylene</u>			
<u>Dinitrophenol</u>			

SOURCE OF POLLUTION

PRIMARY SOURCE OF POLLUTION (Select one)	PRIMARY POLLUTANT TYPE (Select one)	LOCATION	SETTING
1. Intentional dump 2. Pit, pond, lagoon 3. Leak-underground 4. Spray irrigation 5. Land application 6. Animal feedlot 7. <u>Source unknown</u> 8. Septic tank 9. Sewer line 10. Stockpile 11. Landfill 12. Spill-surface	13. Well 14. Dredge spoil 15. Nonpoint source 1. Pesticide/herbicide 2. Radioactive waste 3. Gasoline/diesel 4. Heating oil 5. Other petroleum prod. 6. Sewage/septage 7. Fertilizers 8. Sludge 9. Solid waste leachate 10. Metals 11. Other inorganics 12. <u>Other organics</u>	1. <u>Facility</u> 2. Railroad 3. Waterway 4. Pipeline 5. Dumpsite 6. Highway 7. Residence 8. Other	1. Residential 2. <u>Industrial</u> 3. Urban 4. Rural

D.E.M. Regional Contact K. Garg Signature [Signature] Date 12-21-92
 Site Priority Ranking 30E

IMPACT ON DRINKING WATER SUPPLIES

WELLS AFFECTED: 1. YES 2. NO

NUMBER OF WELLS AFFECTED _____

Well(s) Contaminated (Use Name)

1.

2.

3.

4.

5.

Circle Appropriate Responses

Lab Samples Taken By: 1. DEM 2. DHS 3. Responsible Party 4. Other 5. None

Samples Taken Include:

1. Groundwater

2. Soil

LOCATION OF INCIDENT

7 1/2 Min. Quad Name **Greensboro**

Lat. : Deg : Min : Sec :

36 : 3 : 35 "

5 Min. Quad Number

Long. : Deg : Min : Sec :

79 : 54 : 53 "

Draw Sketch of Area or Attach Additional Maps

Incident Name: Draper Corporation Region/County: WIS / Guilford
 Groundwater Incident File # _____ Ranking Performed by: K. Gage
 Date: 4-13-93

NORTH CAROLINA
GROUNDWATER CONTAMINATION INCIDENT MANAGEMENT
SITE PRIORITY RANKING SYSTEM
 (To be completed by Regional Office)

	<u>Points Awarded</u>
I. IMMINENT HAZARD ASSESSMENT	
A. Explosion - free product in confined areas or vapor phase product detected at or above 20% of the lower explosive limit or at health concern levels; award 50 points total	_____
B. Fire - free product subject to ignition in exposed areas such as surface water impoundments, streams, excavations, etc.; award 50 points total	_____
II. EXPOSURE ASSESSMENT	
A. Contaminated Drinking Water Supplies	
1. Private, domestic water supply well containing substances in concentrations exceeding 15A NCAC 2L groundwater quality standards; award 10 points per well	_____
2. Public or institutional water supply well containing substances in concentrations exceeding 15A NCAC 2L groundwater quality standards; award 20 points per well	_____
3. Exceedances of Class WS-1 surface water quality standards as a result of groundwater discharge; award 20 points per surface water body impacted	_____
4. If a water supply well identified in items II. A. 1 and II. A. 2 cannot be replaced by an existing public water supply source requiring hook-up only; award additional 10 points per irreplaceable well	_____
B. Threat to Uncontaminated Drinking Water Supplies	
1. Private, domestic water supply well located within 1500 feet down gradient of contaminant source; award 10 points per well	_____
2. Public or institutional water supply well located within 1500 feet downgradient of contaminant source; award 15 points per well	_____
3. Raw surface water intake for public water supply located within 1/2 mile downgradient of contaminant source; award 5 points per water supply system	_____
4. If any well identified in items II. B. 1 and II. B. 2 or an intake in item II. B. 3. are located within 250 feet of contaminant source; award additional 20 points total (not per well or intake)	_____
C. Vapor Phase Exposure	
1. Product vapors detected in inhabitable building(s) below 20% of the lower explosive limit or health concern levels; award 30 points total	_____

Points Awarded

2. Product vapors detected in other confined areas (uninhabitable buildings, sewer lines, utility vaults, etc.) below 20% of the lower explosive limit; award 10 points total

SOURCE ASSESSMENT

- A. Uncontrolled or Unabated Primary Source (including dumpsites, stockpiles, lagoons, land applications, septic tanks, landfills, underground and above ground storage tanks, etc.)
 1. Suspected or confirmed source remains in active use and continues to receive raw product, wastewater or solid waste; award 30 points per source
 2. Active use of suspected or confirmed source has been discontinued or source was caused by a one-time release of product or waste, however, source continues to release product or contaminants into the environment; award 10 points per source

ENVIRONMENTAL VULNERABILITY ASSESSMENT

- A. Vertical Contaminant Migration - Literature or well logs indicate that no confining layer is present above bedrock or within twenty feet of land surface; award 10 points total
- B. Horizontal Contaminant Migration - Data or observations indicate that no discharge points or aquifer discontinuities exist between the source and the nearest downgradient drinking water supply; award 10 points total
- C. Existing Groundwater Quality - The worst case monitor or supply well contains contaminant levels:
 1. At less than 10 times the 2L groundwater standards; award 5 points
 2. Between 10 and 100 times the 2L groundwater standards; award 20 points
 3. Greater than 100 times the 2L groundwater standards; award 40 points

REGIONAL OFFICE RESPONSE (LETTER RANK)

Priority A - (Site meets any one of the criteria)

1. Water supply well(s) contaminated and no alternate water supplies available.
2. Vapors present in confined areas at explosive or health concern levels.
3. Treated surface water supply in violation of the safe drinking standards.

Priority B - (Any One)

1. Water supply well(s) contaminated, but alternate water supplies available.

10

20

2. Water supply well(s) within 1500 feet of site, but not contaminated and no alternate water supplies available.
3. Vapors present in confined areas but not at explosive or health concern levels.

Priority C - (Both)

1. No water supply well(s) contaminated.
2. Water supply well(s) greater than 1500 feet from site, no alternate water supply available.

Priority D - (Both)

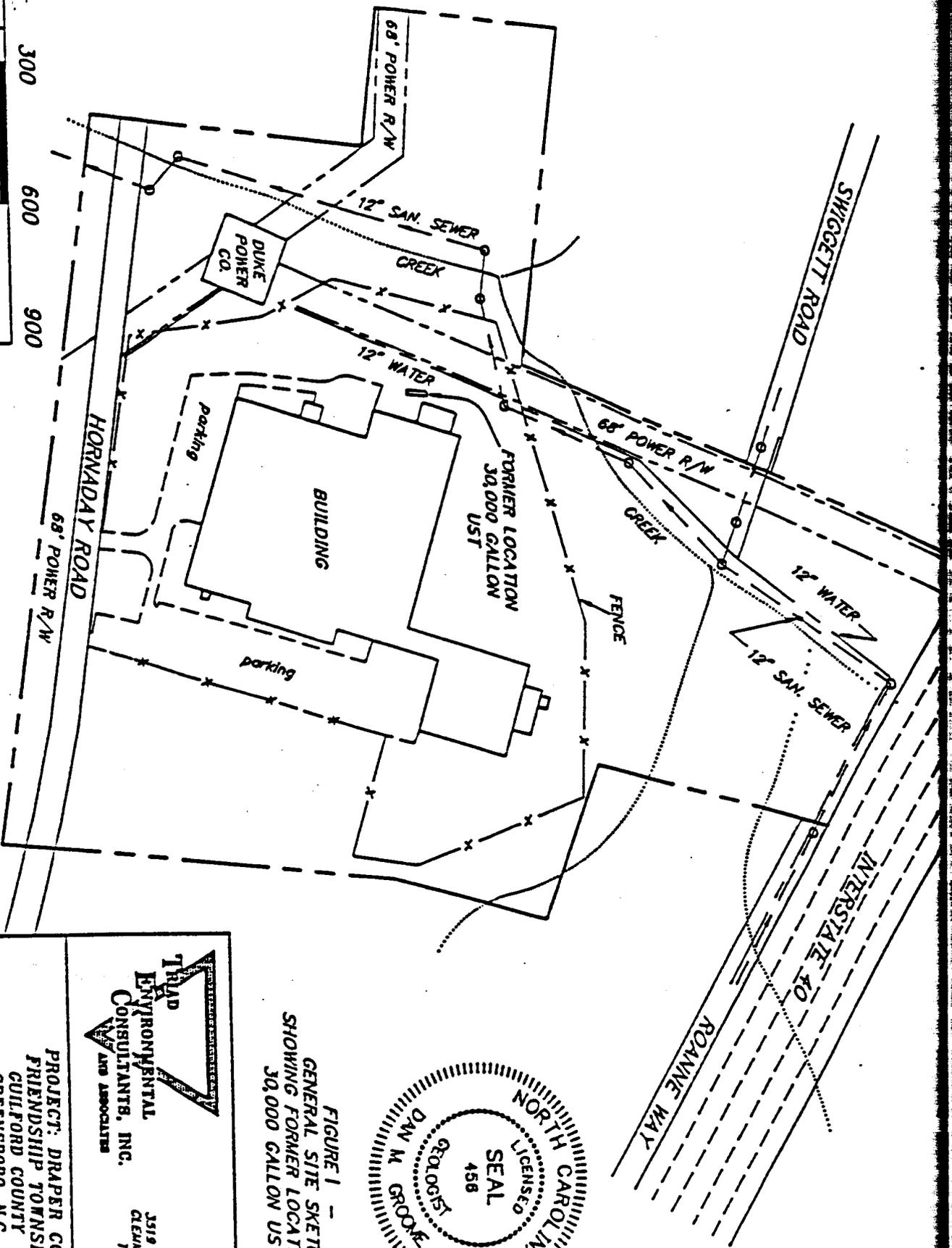
1. No water supply well(s) contaminated.
2. Water supply well(s) within 1500 feet of site but alternate water supplies available.

Priority E - (Both)

1. No water supply well(s) contaminated or within 1500 feet of site.
2. Area served by alternate water supply.

TOTAL POINTS AWARDED

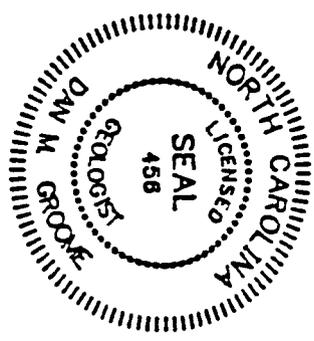
30 E
#/Letter



SCALE: 1" = 300'



FIGURE 1 -
GENERAL SITE SKETCH
SHOWING FORMER LOCATION OF
30,000 GALLON UST.

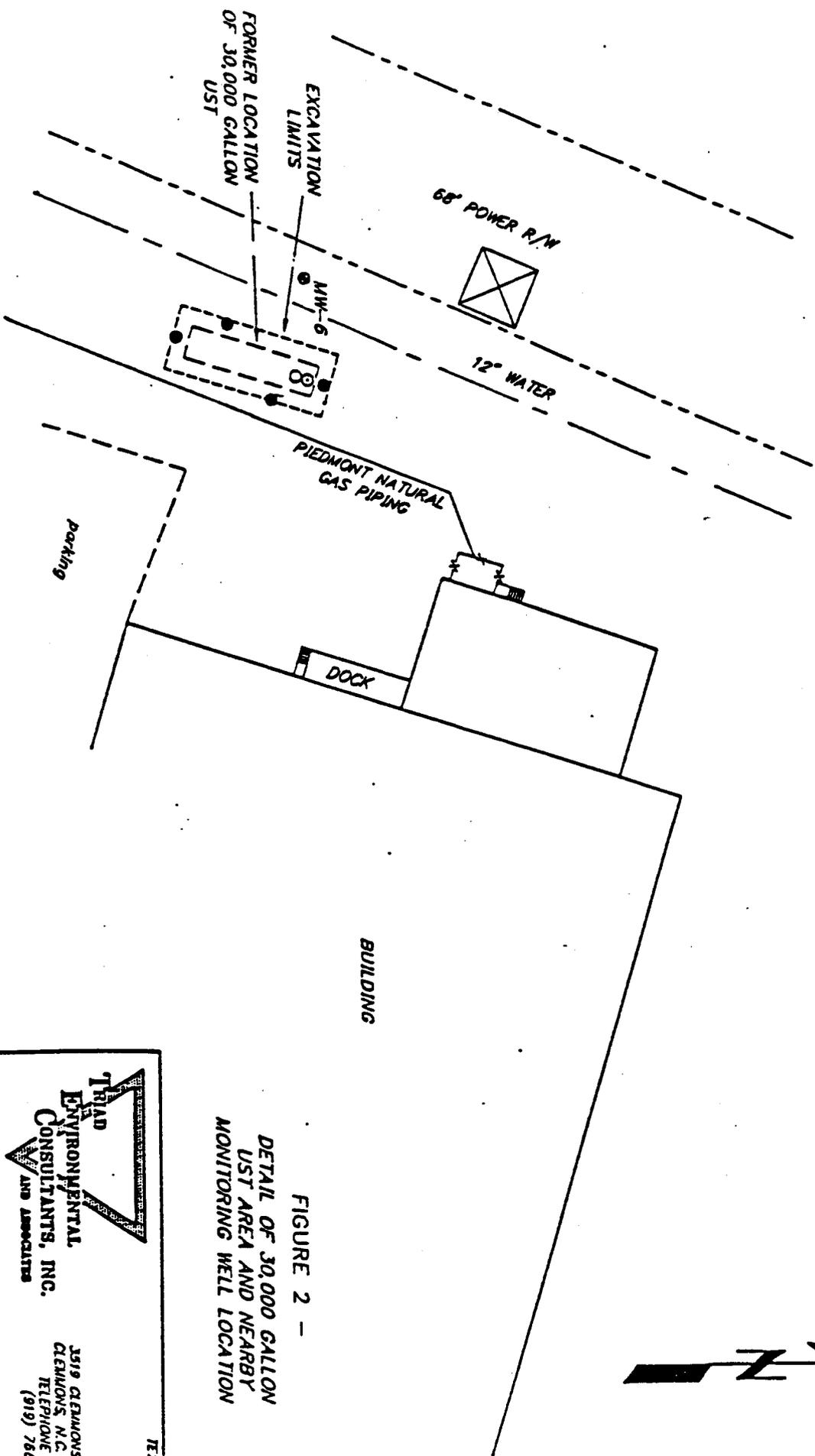


TRIP ENVIRONMENTAL CONSULTANTS, INC.
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3519 CLEMENS ROAD
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(919) 766-0810

PROJECT: DRAPER CORP.
FRIENDSHIP TOWNSHIP
CUILFORD COUNTY
GREENSBORO, N.C.

DATE: DECEMBER 21, 1992
DRAWN BY: T. SCOTT BARROW

FE22.DWG



SCALE: 1" = 50'



- MONITORING WELL LOCATION
- SOIL SAMPLE LOCATION

FIGURE 2 -
 DETAIL OF 30,000 GALLON
 UST AREA AND NEARBY
 MONITORING WELL LOCATION



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PROJECT: DRAPER CORP.
 FRIENDSHIP TOWNSHIP
 GUILFORD COUNTY
 GREENSBORO, N.C.

DATE: JANUARY 16, 1993

DRAWN BY: T. SCOTT BARROW