



DRAPER CORPORATION
Corporate Offices

Post Office 18100
Greensboro, NC 27419
(919) 852-4200

June 4, 1993

*Received
6/4
4:03*

Ms. Kelly C. Gage
Guilford County Emergency Services
Post Office Box 18807
Greensboro, North Carolina 27419

Re: Draper Corporation
Follow-up letter to Comprehensive Site Assessment (5-10-93)
Former 30,000 Gallon No. 4 Fuel Oil Tank Area
5644 Hornaday Road
Greensboro, Guilford County, North Carolina

Dear Ms. Gage:

This letter is submitted as a follow-up to our May 10, 1993 Comprehensive Site Assessment (CSA) for the above referenced site. Triad Environmental Consultants, Inc. is currently developing a plan to address the No. 4 fuel oil impacted soil associated with the former 30,000 gallon underground storage tank area and will be delivered to your office by June 30, 1993.

As can be seen by the attached photos and descriptions, the numerous underground and above ground utilities at the site make any further excavation in the former tank area a dangerous task. In lieu of excavation, we plan to install two (2) air sparging points through the concrete pad at the bottom of the excavation. The purpose of these penetrations is to allow for active air injection into the soil below the pad. The air should diffuse below the pad and into the surrounding area stimulating biodegradation of the petroleum contamination.

Draper Corporation has considered alternative remediation methods to address the No. 4 impacted soil in this area, active air sparging was chosen as it is an efficient method of enhancing the natural degradation of the petroleum compounds, and does not require pumping of the groundwater. We believe that a groundwater remediation system using bacteria, nutrient-rich solutions and an infiltration gallery could degrade groundwater quality. Air sparging would not have this negative impact on groundwater.

Also, we will excavate along the buried product lines as the utility piping will allow (see attached sketch). We will resample this area, after excavation, taking sufficient soil samples to verify that the areas of significant contamination have been removed.

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Due to the recent relocation of our front offices and visitor entrance, the traffic in this area has increased significantly. For safety reasons, we plan to backfill the excavation areas as soon as possible after the installation of the air sparging points.

If you have any comments or questions, please feel free to give me a call.

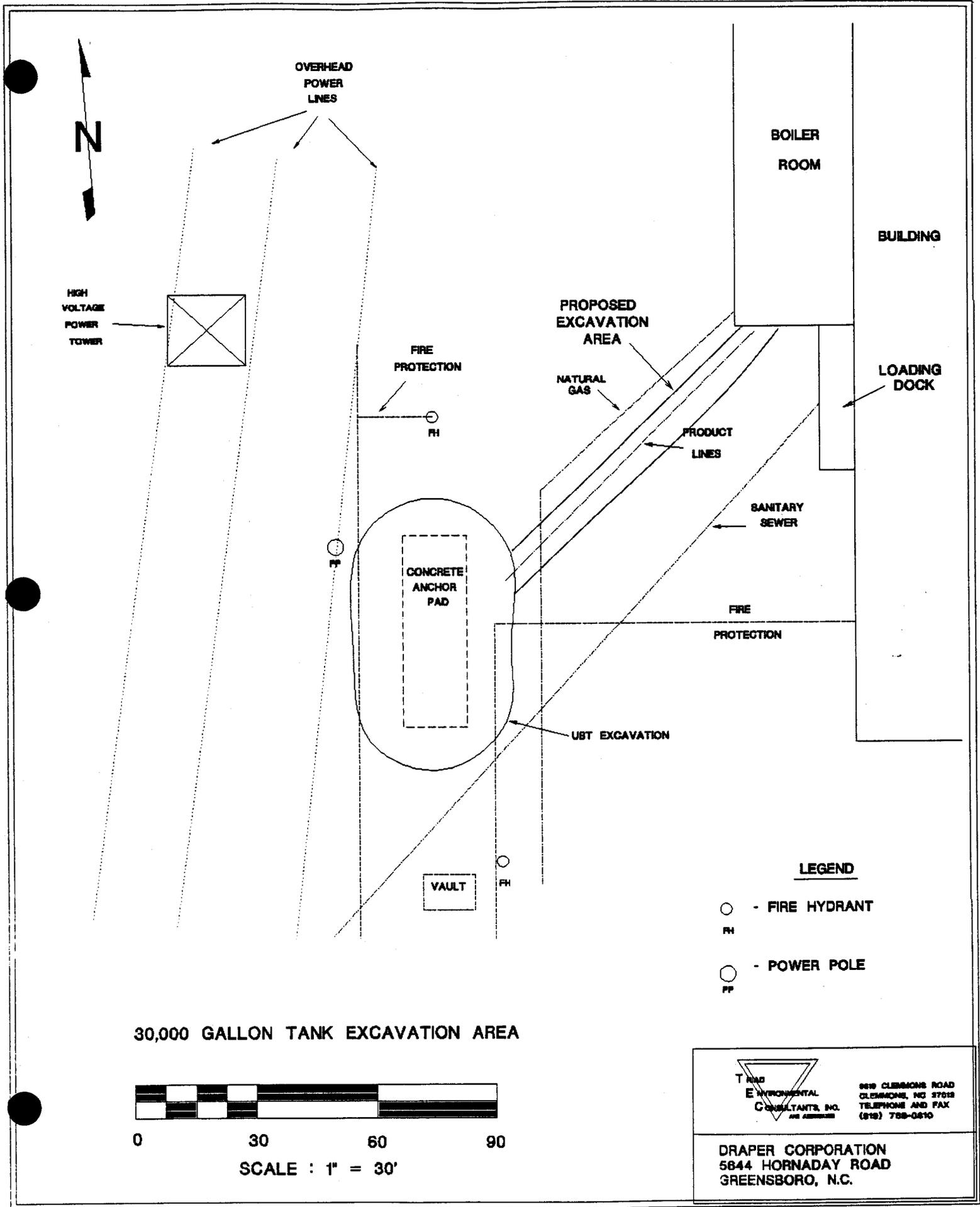
Respectfully,



C. Denny Walker
Draper Corporation

CDW/jm
Encl.

cc: Mr. George House - Brooks, Pierce, McLendon, Humphrey and
Leonard
Mr. Kyle Woosley - Brooks, Pierce, McLendon, Humphrey and
Leonard
Mr. Steven Johnson - Triad Environmental Consultants, Inc.



LEGEND

- - FIRE HYDRANT
FH
- - POWER POLE
PP

30,000 GALLON TANK EXCAVATION AREA



SCALE : 1" = 30'



9619 CLEMENS ROAD
CLEMENS, NC 27012
TELEPHONE AND FAX
(812) 788-0610

DRAPER CORPORATION
5844 HORNADAY ROAD
GREENSBORO, N.C.

**Draper Corporation
5644 Hornaday Road
Greensboro, North Carolina 27419**

**30,000 Gallon No. 4 Fuel UST Excavation Area
Photographs 1 - 4
Photographs Taken May 28, 1993**

Photograph 1 - Taken looking south across 30,000 gallon tank area. Two sets of overhead power lines visible to right of excavation area

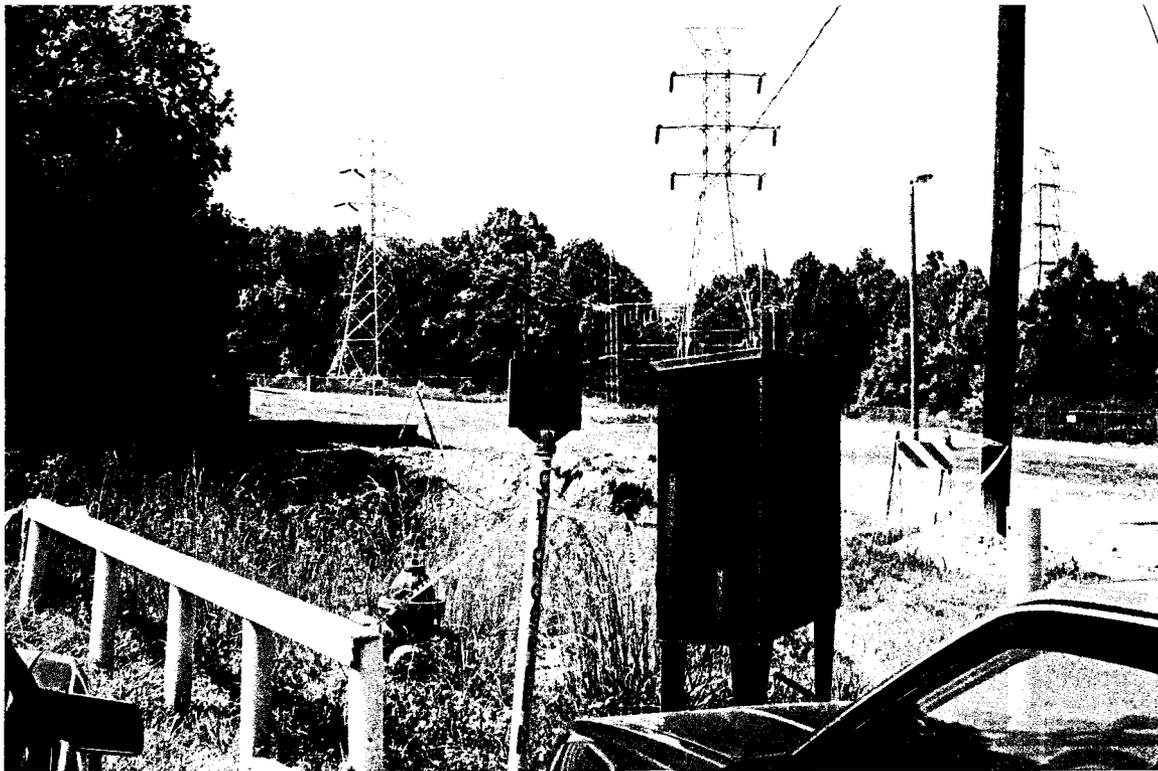
Photograph 2 - Enlarged view of area shown in center of Photograph 1. Taken looking south across excavation area. Fire hydrants and red storage cabinets associated with buried fire protection water lines may be seen surrounding excavation area.

Photograph 3 - Taken looking southeast across excavation. Fire protection water line buried along east side of excavation visible in lower left.

Photograph 4 - Taken looking southwest. Buried fire protection water line visible in lower right (west side of excavation). This line was discovered after tank excavation.



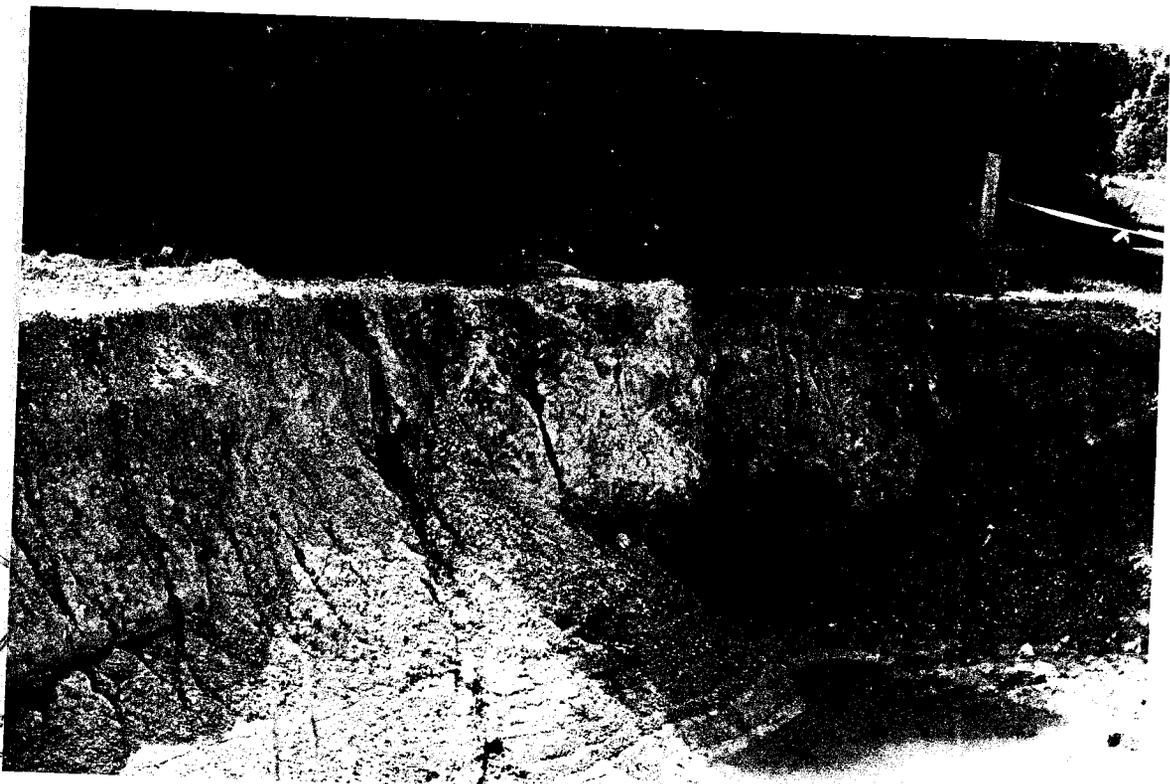
Photograph 1



Photograph 2



Photograph 3



Photograph 4