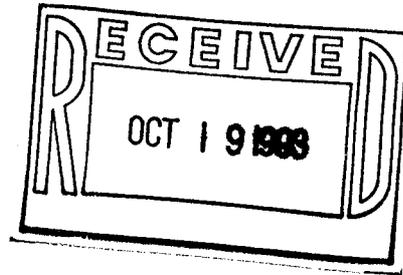


August 13, 1993



Site Sensitivity Evaluation  
Former Battery Room Area  
Draper Corporation  
5644 Hornaday Road  
Greensboro, North Carolina

Prepared for:

Mr. Denny Walker  
Draper Corporation  
5644 Hornaday Road  
Greensboro, North Carolina 27419

Prepared By:

Dan M. Groome, P.G.  
Triad Environmental Consultants, Inc.  
3519 Clemmons Road  
Clemmons, North Carolina 27012

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**APPENDIX I - LABORATORY ANALYSIS AND CHAIN OF CUSTODY RECORD**

## **1.0 INTRODUCTION**

As part of an Environmental Assessment ("Draper Corporation Extended Phase I Environmental Assessment Exhibit "G" and Limited Phase II Assessment", dated January 21, 1993), soil borings were performed at selected locations on the site. Soil samples were obtained and submitted for laboratory analysis. Laboratory analysis (EPA Method 3550) of one of the soil samples from boring B-11 indicated 108 parts per million (ppm) petroleum hydrocarbons at a depth of 8.5 to 10.0 feet. This report presents the results of a Site Sensitivity Evaluation (SSE) performed as required by NCDEM regulations.

## **2.0 INVESTIGATIVE PROCEDURES**

For the purpose of obtaining information for the SSE, an additional soil boring (BR) was performed adjacent to the original location of boring B-11 as shown on Figure 1. Continuous soil sampling was performed by splitspoon sampling from depths of 8.5 to 15.0 feet. The soil samples were submitted to a subcontract laboratory for analysis by EPA Methods 3550 and 9071. A copy of the laboratory analyses and the associated Chain of Custody record are included in Appendix I. Also, the laboratory results are summarized in Table 1.

Table 1

**Soil Sample Laboratory Results  
Former Battery Room Area  
Draper Corporation  
5644 Hornaday Road  
Greensboro, North Carolina**

Sample I.D.	Sample Depth (feet)	EPA Method 3550* (ppm**)	EPA Method 9071+ (ppm)
BR-1/9-11	9-11	ND <sup>++</sup>	39
BR-2/11-13	11-13	156	136
BR-3/13-15	13-15	ND	25

\* EPA Method 3530 - Total Petroleum Hydrocarbons  
Laboratory Detection Limit = 10 ppm

\*\* ppm = parts per million

+ EPA Method 9071 (Oil & Grease)

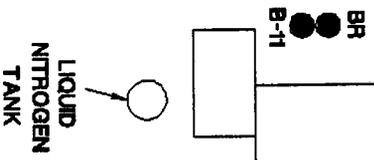
Laboratory Detection Limit = 10 ppm

++ ND = No Detection

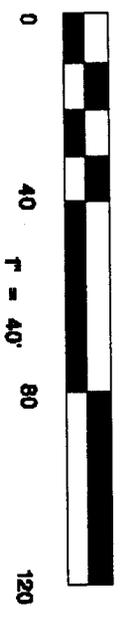
### 3.0 SITE SENSITIVITY EVALUATION

Based upon the information obtained by the soil borings, a Total Site Characteristics score of 80 was determined. Based upon this score, there was an Initial Cleanup Level of 240 ppm.

No water supply wells are known to be contaminated in the area. The only known water supply well within 1500 feet of the site is a fire protection water supply well located on site. This well is not presently in use, and is planned to be properly abandoned by Guilford Mills in the future. The area is served by municipal water supplies. Based on these criteria, this site is placed in category D, which places the final cleanup level at 480 ppm. The maximum concentration of petroleum hydrocarbons encountered was 156 ppm; therefore, no further remedial action should be required in this area.



BUILDING



SOIL BORING LOCATIONS  
BATTERY ROOM AREA  
DRAPER CORPORATION  
GREENSBORO, NC



3519 Chemmons Road  
Germanna, N.C. 27012  
Telephone & Fax  
(919) 766-0870

DATE 9-12-93 DRAWN BY DMG

# Lab Report



Full Service Analytical & Environmental Solutions

NC WW Cert. #402 NC DW Cert. #37735  
SC Lab ID 42002-Organics Certification  
SC WW Cert. #99012

RECEIVED  
8/14/93

August 11, 1993

Triad Environmental  
Attn: Mr. Dan Groome  
3519 Clemmons Road  
Clemmons, NC 27012  
Ref: Draper/GSO #079373

Dear Mr. Groome:

Below are results of analysis of 3 samples received for examination on July 28, 1993:

Customer Code: TRIAD Phone Number: (919)766-0810 (fax) 766-0810  
LAB I.D. AA16409 Prism ID Number 2638A3 Prism Customer Number 6671  
Collection Date: 07/26/93 Collection Time: 17:00  
Submittal Date: 07/28/93 Submittal Time: 15:45  
Customer Sample I.D#: BR-1/9-11

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
CALCULATIONS BASED ON DRY WEIGHT		done	
PREP. METHOD 3550		done	
TPH - DIESEL RANGE	mg/kg	< 10	10
TPH - WASTE OIL RANGE - 9071	mg/kg	39	10

Customer Code: TRIAD Phone Number: (919)766-0810 (fax) 766-0810  
LAB I.D. AA16410 Prism ID Number 2638A3 Prism Customer Number 6671  
Collection Date: 07/26/93 Collection Time: 17:10  
Submittal Date: 07/28/93 Submittal Time: 15:45  
Customer Sample I.D#: BR-2/11-13

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
CALCULATIONS BASED ON DRY WEIGHT		done	
PREP. METHOD 3550		done	
TPH - DIESEL RANGE	mg/kg	156	10
TPH - WASTE OIL RANGE - 9071	mg/kg	136	10

# Lab Report



Full Service Analytical & Environmental Solutions

Triad Environmental  
Page: 2  
August 11, 1993

Customer Code: TRIAD Phone Number: (919)766-0810 (fax) 766-0810  
LAB I.D. AA16411 Prism ID Number 2638A3 Prism Customer Number 6671  
Collection Date: 07/26/93 Collection Time: 17:20  
Submittal Date: 07/28/93 Submittal Time: 15:45  
Customer Sample I.D#: BR-3/13-15

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
CALCULATIONS BASED ON DRY WEIGHT		done	
PREP. METHOD 3550		done	
TPH - DIESEL RANGE	mg/kg	< 10	10
TPH - WASTE OIL RANGE - 9071	mg/kg	25	10

Please advise should you have questions concerning these data.

Respectfully submitted,

*Angela D. Overcash by Rabbi J...*

Angela D. Overcash  
Laboratory Manager



Main Office:  
449 Springbrook Road  
P.O. Box 240543  
Charlotte, NC 28224-0543  
Phone: (704) 529-6364  
Fax: (704) 525-0409

Full Service Analytical & Environmental Solutions

**STATEMENT OF DATA QUALIFICATIONS**  
on Analyses Performed by Prism Laboratories, Inc.

Client: TRIAD Laboratory Group ID No.: 2638A3

         All analyses have been validated and comply with our Quality Control Program.  
No qualifications required.

The following analyses have been qualified for the reasons cited.

Sample No.(s): AA016410 Parameter: TPH - DR \*Reason: 7

Explanation: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sample No.(s): \_\_\_\_\_ Parameter: \_\_\_\_\_ \*Reason: \_\_\_\_\_

Explanation: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**\*REASON:**

1. Sample integrity suspect upon receipt. (Explain)
2. Analysis performed beyond EPA established maximum allowable holding time.
3. Detection limit elevated due to matrix interference.
4. Laboratory control sample value outside established acceptable limits.
5. Matrix spike sample value outside established acceptable limits.
6. Duplicate analysis value outside established acceptable limits.
7. Surrogate/internal standard recoveries outside established acceptable limits.
8. Data point suspect due to potential laboratory contamination. (Explain)
9. Coelutes with the compound cited. Result may represent a combination of both compounds.
10. Other (Explain).

**NOTE:** This document is included as part of the Analytical Laboratory Report for the above referenced Laboratory ID No. and must be retained as a permanent record thereof.

**PAYMENT TERMS: NET 10 DAYS**  
A 1.5% Interest Rate will be charged on account balances over 30 Days old.  
We reserve the right to withhold lab test results on delinquent accounts over 60 days.

All Correspondences and Remittances to the Charlotte Office  
South Carolina Laboratory: 10471 Asheville Highway, P.O. Box 137, Inman, SC 29349  
Phone: (803) 472-9046 Fax: (803) 472-5172

