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<RDL = Less than Reported Detection Limit

Client Sample ID: AMB-12

AALSample ID #: AB32342 Accura Project #: 15075

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LABORATORY REPORT

Accura Sample ID #: AB32580 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: AMB-14

Date Sampled: 12/16/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.9
Barium	<RDL	0.9
Chromium	<RDL	0.9
Lead	<RDL	0.9
Selenium	<RDL	0.9

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LABORATORY REPORT

Accura Sample ID #: AB32585 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: AMB-17

Date Sampled: 12/16/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A
Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.7
Barium	<RDL	0.7
Chromium	<RDL	0.7
Lead	<RDL	0.7
Selenium	<RDL	0.7

Linda Dolle
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LABORATORY REPORT

Accura Sample ID #: AB32586 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: AMB-18

Date Sampled: 12/16/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air

Method Ref: 7300/6010A
Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.7
Barium	<RDL	0.7
Chromium	<RDL	0.7
Lead	1.0	0.7
Selenium	<RDL	0.7

Linda Dolly
Accura Analytical Laboratory, Inc.

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LABORATORY REPORT

Accura Sample ID #: AB32587 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: AMB-19

Date Sampled: 12/17/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air

Method Ref: 7300/6010A
Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	<RDL	0.1
Selenium	<RDL	0.1

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LABORATORY REPORT

Accura Sample ID #: AB32588 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: AMB-20

Date Sampled: 12/17/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	0.1	0.1
Selenium	<RDL	0.1

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LABORATORY REPORT

Accura Sample ID #: AB32593 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: AMB-23

Date Sampled: 12/18/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.7
Barium	<RDL	0.7
Chromium	<RDL	0.7
Lead	<RDL	0.7
Selenium	<RDL	0.7

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LABORATORY REPORT

Accura Sample ID #: AB32594

Accura Project #: 15098

Client: Omega Env. Services - Tucker

Client Contact: MICHAEL WARREN

Client Project Number: 97042

Client Project Name: HUNTER FIRE TRAINING CENTER

Client Sample ID: AMB-24

Date Sampled: 12/18/97

Date Received: 12/19/97

Date Reported: 1/7/98

Sample Matrix: AIR

ANALYSIS: Metals In Air

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98

Method Ref: 7300/6010A

Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.7
Barium	<RDL	0.7
Chromium	<RDL	0.7
Lead	<RDL	0.7
Selenium	<RDL	0.7

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LABORATORY REPORT

Accura Sample ID #: AB32595 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: METHOD BLANK

Date Sampled: 12/16/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Method Ref: 7300/6010A Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.7
Barium	<RDL	0.7
Chromium	<RDL	0.7
Lead	<RDL	0.7
Selenium	<RDL	0.7

ANALYSIS: VOC's in Air

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Method Ref: 5030A/8260A Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	5
1,1,2,2-Tetrachloroethane	<RDL	5
1,1,2-Trichloroethane	<RDL	5
1,1-Dichloroethane	<RDL	5
1,1-Dichloroethene	<RDL	5
1,2-Dichlorobenzene	<RDL	5
1,2-Dichloroethane	<RDL	5
1,2-Dichloropropane	<RDL	5
1,3-Dichlorobenzene	<RDL	5
1,4-Dichlorobenzene	<RDL	5
2-Butanone (MEK)	<RDL	5
2-Chloroethylvinyl ether	<RDL	50
2-Hexanone	<RDL	10
4-Methyl-2-pentanone (MIBK)	<RDL	50
Acetone	<RDL	50
Benzene	<RDL	50
Bromodichloromethane	<RDL	5
Bromoform	<RDL	5
Bromomethane	<RDL	5
Carbon disulfide	<RDL	5
Carbon tetrachloride	<RDL	5
	<RDL	5

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Environmental Analytical Services
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6017 Financial Drive, Norcross, Georgia, 30071, Phone (770)449-8800

CASE NARRATIVE for Project Number: 15098
Client Project: Hunter Fire Training Center / 97042

No problems were encountered with this project.

Quality Assurance

Lynn Moody
Client Services Representative

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LABORATORY REPORT

Accura Sample ID #: AB32579 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: AMB-13

Date Sampled: 12/16/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.9
Barium	<RDL	0.9
Chromium	<RDL	0.9
Lead	<RDL	0.9
Selenium	<RDL	0.9

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LABORATORY REPORT

Accura Sample ID #: AB32580 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: AMB-14

Date Sampled: 12/16/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.9
Barium	<RDL	0.9
Chromium	<RDL	0.9
Lead	<RDL	0.9
Selenium	<RDL	0.9

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LABORATORY REPORT

Accura Sample ID #: AB32581 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker

Client Contact: MICHAEL WARREN

Client Project Number: 97042

Client Project Name: HUNTER FIRE TRAINING CENTER

Client Sample ID: PERSONAL 15A

Date Sampled: 12/16/97

Date Received: 12/19/97

Date Reported: 1/7/98

Sample Matrix: AIR

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.0015
1,1,2,2-Tetrachloroethane	<RDL	0.0015
1,1,2-Trichloroethane	<RDL	0.0015
1,1-Dichloroethane	<RDL	0.0015
1,1-Dichloroethene	<RDL	0.0015
1,2-Dichlorobenzene	<RDL	0.0015
1,2-Dichloroethane	<RDL	0.0015
1,2-Dichloropropane	<RDL	0.0015
1,3-Dichlorobenzene	<RDL	0.0015
1,4-Dichlorobenzene	<RDL	0.0015
2-Butanone (MEK)	<RDL	0.015
2-Chloroethylvinyl ether	<RDL	0.0023
2-Hexanone	<RDL	0.015
4-Methyl-2-pentanone (MIBK)	<RDL	0.015
Acetone	<RDL	0.015
Benzene	<RDL	0.0015
Bromodichloromethane	<RDL	0.0015
Bromoform	<RDL	0.0015
Bromomethane	<RDL	0.0015
Carbon disulfide	<RDL	0.0015
Carbon tetrachloride	<RDL	0.0015
Chlorobenzene	<RDL	0.0015
Chloroethane	<RDL	0.0015
Chloroform	<RDL	0.0015
Chloromethane	<RDL	0.0015
cis-1,3-Dichloropropene	<RDL	0.0015
Dibromochloromethane	<RDL	0.0015
Ethylbenzene	<RDL	0.0015
Methylene chloride	<RDL	0.0015
Styrene	<RDL	0.0015
Tetrachloroethene	<RDL	0.0015
Toluene	<RDL	0.0015

trans-1,2-Dichloroethene	<RDL	0.0015
trans-1,3-Dichloropropene	<RDL	0.0015
Trichloroethene	<RDL	0.0015
Trichlorofluoromethane	<RDL	0.0015
Vinyl acetate	<RDL	0.023
Vinyl chloride	<RDL	0.00046
Xylenes (Total)	<RDL	0.0015

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	99	0
4-Bromofluorobenzene	99	0
Toluene-d8	100	0

Linda Dolby
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LABORATORY REPORT

Accura Sample ID #: AB32583 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: PERSONAL 16A

Date Sampled: 12/16/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.0015
1,1,2,2-Tetrachloroethane	<RDL	0.0015
1,1,2-Trichloroethane	<RDL	0.0015
1,1-Dichloroethane	<RDL	0.0015
1,1-Dichloroethene	<RDL	0.0015
1,2-Dichlorobenzene	<RDL	0.0015
1,2-Dichloroethane	<RDL	0.0015
1,2-Dichloropropane	<RDL	0.0015
1,3-Dichlorobenzene	<RDL	0.0015
1,4-Dichlorobenzene	<RDL	0.0015
2-Butanone (MEK)	<RDL	0.015
2-Chloroethylvinyl ether	<RDL	0.0023
2-Hexanone	<RDL	0.015
4-Methyl-2-pentanone (MIBK)	<RDL	0.015
Acetone	<RDL	0.015
Benzene	<RDL	0.0015
Bromodichloromethane	<RDL	0.0015
Bromoform	<RDL	0.0015
Bromomethane	<RDL	0.0015
Carbon disulfide	<RDL	0.0015
Carbon tetrachloride	<RDL	0.0015
Chlorobenzene	<RDL	0.0015
Chloroethane	<RDL	0.0015
Chloroform	<RDL	0.0015
Chloromethane	<RDL	0.0015
cis-1,3-Dichloropropene	<RDL	0.0015
Dibromochloromethane	<RDL	0.0015
Ethylbenzene	<RDL	0.0015
Methylene chloride	0.0017	0.0015
Styrene	<RDL	0.0015
Tetrachloroethene	<RDL	0.0015
Toluene	<RDL	0.0015

trans-1,2-Dichloroethene	<RDL	0.0015
trans-1,3-Dichloropropene	<RDL	0.0015
Trichloroethene	<RDL	0.0015
Trichlorofluoromethane	<RDL	0.0015
Vinyl acetate	<RDL	0.023
Vinyl chloride	<RDL	0.00046
Xylenes (Total)	<RDL	0.0015

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	95	0
4-Bromofluorobenzene	98	0
Toluene-d8	99	0

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LABORATORY REPORT

Accura Sample ID #: AB32585 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: AMB-17

Date Sampled: 12/16/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.7
Barium	<RDL	0.7
Chromium	<RDL	0.7
Lead	<RDL	0.7
Selenium	<RDL	0.7

Linda Dalle
Accura Analytical Laboratory, Inc.

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LABORATORY REPORT

Accura Sample ID #: AB32586 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: AMB-18

Date Sampled: 12/16/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.7
Barium	<RDL	0.7
Chromium	<RDL	0.7
Lead	1.0	0.7
Selenium	<RDL	0.7

Linda Dalby
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LABORATORY REPORT

Accura Sample ID #: AB32587 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: AMB-19

Date Sampled: 12/17/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	<RDL	0.1
Selenium	<RDL	0.1

Linda Dodge
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LABORATORY REPORT

Accura Sample ID #: AB32588 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: AMB-20

Date Sampled: 12/17/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	0.1	0.1
Selenium	<RDL	0.1

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LABORATORY REPORT

Accura Sample ID #: AB32589 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: PERSONAL 21A

Date Sampled: 12/17/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.00055
1,1,2,2-Tetrachloroethane	<RDL	0.00055
1,1,2-Trichloroethane	<RDL	0.00055
1,1-Dichloroethane	<RDL	0.00055
1,1-Dichloroethene	<RDL	0.00055
1,2-Dichlorobenzene	<RDL	0.00055
1,2-Dichloroethane	<RDL	0.00055
1,2-Dichloropropane	<RDL	0.00055
1,3-Dichlorobenzene	<RDL	0.00055
1,4-Dichlorobenzene	<RDL	0.00055
2-Butanone (MEK)	<RDL	0.0055
2-Chloroethylvinyl ether	<RDL	0.0011
2-Hexanone	<RDL	0.0055
4-Methyl-2-pentanone (MIBK)	<RDL	0.0055
Acetone	<RDL	0.0055
Benzene	<RDL	0.00055
Bromodichloromethane	<RDL	0.00055
Bromoform	<RDL	0.00055
Bromomethane	<RDL	0.00055
Carbon disulfide	<RDL	0.00055
Carbon tetrachloride	<RDL	0.00055
Chlorobenzene	<RDL	0.00055
Chloroethane	<RDL	0.00055
Chloroform	<RDL	0.00055
Chloromethane	<RDL	0.00055
cis-1,3-Dichloropropene	<RDL	0.00055
Dibromochloromethane	<RDL	0.00055
Ethylbenzene	<RDL	0.00055
Methylene chloride	0.0013	0.00055
Styrene	<RDL	0.00055
Tetrachloroethene	<RDL	0.00055
Toluene	<RDL	0.00055

trans-1,2-Dichloroethene	<RDL	0.00055
trans-1,3-Dichloropropene	<RDL	0.00055
Trichloroethene	<RDL	0.00055
Trichlorofluoromethane	<RDL	0.00055
Vinyl acetate	<RDL	0.011
Vinyl chloride	<RDL	0.00022
Xylenes (Total)	<RDL	0.00055

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	94	0
4-Bromofluorobenzene	100	0
Toluene-d8	99	0

Accura Analytical Laboratory, Inc.

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB32594 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: AMB-24

Date Sampled: 12/18/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air
Method Ref: 7300/6010A
Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.7
Barium	<RDL	0.7
Chromium	<RDL	0.7
Lead	<RDL	0.7
Selenium	<RDL	0.7

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LABORATORY REPORT

Accura Sample ID #: AB32595 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: METHOD BLANK

Date Sampled: 12/16/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.7
Barium	<RDL	0.7
Chromium	<RDL	0.7
Lead	<RDL	0.7
Selenium	<RDL	0.7

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	5
1,1,2,2-Tetrachloroethane	<RDL	5
1,1,2-Trichloroethane	<RDL	5
1,1-Dichloroethane	<RDL	5
1,1-Dichloroethene	<RDL	5
1,2-Dichlorobenzene	<RDL	5
1,2-Dichloroethane	<RDL	5
1,2-Dichloropropane	<RDL	5
1,3-Dichlorobenzene	<RDL	5
1,4-Dichlorobenzene	<RDL	5
2-Butanone (MEK)	<RDL	50
2-Chloroethylvinyl ether	<RDL	10
2-Hexanone	<RDL	50
4-Methyl-2-pentanone (MIBK)	<RDL	50
Acetone	<RDL	50
Benzene	<RDL	5
Bromodichloromethane	<RDL	5
Bromoform	<RDL	5
Bromomethane	<RDL	5
Carbon disulfide	<RDL	5
Carbon tetrachloride	<RDL	5

Chlorobenzene	<RDL	5
Chloroethane	<RDL	5
Chloroform	<RDL	5
Chloromethane	<RDL	5
cis-1,3-Dichloropropene	<RDL	5
Dibromochloromethane	<RDL	5
Ethylbenzene	<RDL	5
Methylene chloride	<RDL	5
Styrene	<RDL	5
Tetrachloroethene	<RDL	5
Toluene	<RDL	5
trans-1,2-Dichloroethene	<RDL	5
trans-1,3-Dichloropropene	<RDL	5
Trichloroethene	<RDL	5
Trichlorofluoromethane	<RDL	5
Vinyl acetate	<RDL	100
Vinyl chloride	<RDL	2
Xylenes (Total)	<RDL	5

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	87	0
4-Bromofluorobenzene	98	0
Toluene-d8	100	0

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB32594 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: AMB-24

Date Sampled: 12/18/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air

Method Ref: 7300/6010A
Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.7
Barium	<RDL	0.7
Chromium	<RDL	0.7
Lead	<RDL	0.7
Selenium	<RDL	0.7

Accura Analytical Laboratory, Inc.

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB32595 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97042
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: METHOD BLANK

Date Sampled: 12/16/97
Date Received: 12/19/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.7
Barium	<RDL	0.7
Chromium	<RDL	0.7
Lead	<RDL	0.7
Selenium	<RDL	0.7

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	5
1,1,2,2-Tetrachloroethane	<RDL	5
1,1,2-Trichloroethane	<RDL	5
1,1-Dichloroethane	<RDL	5
1,1-Dichloroethene	<RDL	5
1,2-Dichlorobenzene	<RDL	5
1,2-Dichloroethane	<RDL	5
1,2-Dichloropropane	<RDL	5
1,3-Dichlorobenzene	<RDL	5
1,4-Dichlorobenzene	<RDL	5
2-Butanone (MEK)	<RDL	50
2-Chloroethylvinyl ether	<RDL	10
2-Hexanone	<RDL	50
4-Methyl-2-pentanone (MIBK)	<RDL	50
Acetone	<RDL	50
Benzene	<RDL	5
Bromodichloromethane	<RDL	5
Bromoform	<RDL	5
Bromomethane	<RDL	5
Carbon disulfide	<RDL	5
Carbon tetrachloride	<RDL	5

Chlorobenzene	<RDL	5
Chloroethane	<RDL	5
Chloroform	<RDL	5
Chloromethane	<RDL	5
cis-1,3-Dichloropropene	<RDL	5
Dibromochloromethane	<RDL	5
Ethylbenzene	<RDL	5
Methylene chloride	<RDL	5
Styrene	<RDL	5
Tetrachloroethene	<RDL	5
Toluene	<RDL	5
trans-1,2-Dichloroethene	<RDL	5
trans-1,3-Dichloropropene	<RDL	5
Trichloroethene	<RDL	5
Trichlorofluoromethane	<RDL	5
Vinyl acetate	<RDL	100
Vinyl chloride	<RDL	2
Xylenes (Total)	<RDL	5

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	87	0
4-Bromofluorobenzene	98	0
Toluene-d8	100	0

Accura Analytical Laboratory, Inc.

1 of 2

Note: Activated Carbon Samples a + B in series with B as a Back up

404-874-6262
770-934-2451

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: Omega Environmental Svs.
Address: 4661 Hammermill rd. Tucker GA 30084
Report Sent to: (Client Contact): Michael Warren / Leon Lobban
Contact Phone # 770-621-9414 Fax # 770-934-2451
Project Name: Hunter Fire Trng. Center
Project Number: 97042

Billing address:
Client P.O. #

For Laboratory Use Only
Custody Seal: Y N
Page 1 of 1
QC Level: N 1 2 3 4
Inlet Temp: NT
Sample Condition: Good
AAL Lab Project # 1508

Samplers: (signature): Michael Warren
Samplers: (printed): Michael Warren

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	Pb, Cr, Ba, As, Se	VOC's / PAH.	Remarks	Accura Sample ID No. AB
AMB 13	12/16/97					up wind	1	↑		3 Lpm start: 0800 stop: 1100	32579
AMB 14	12/16/97					down	1	↑		3 Lpm start: 0800 stop: 1100	32580
Sample a-B Personal 15	12/16/97					Juan King	2	→		1.2 Lpm start: 0800 stop: 1100	32581
Sample a-B Personal 16	12/16/97					Lester Johnson	2	→		1.2 Lpm start: 0800 stop: 1100	32582
AMB-17	12/16/97					up wind	1	↑		12 Lpm start: 1300 stop: 1400	32583
AMB-18	12/16/97					down wind	1	↑		12 Lpm start: 1300 stop: 1400	32584
AMB-19	12/17/97					up wind	1	↑		12 Lpm start: 1000 stop: 1600	32585
AMB-20	12/17/97					down wind	1	↑		12 Lpm start: 1000 stop: 1600	32586
Sample a-B Personal 21	12/17/97					Juan King	2	→		1.2 Lpm start: 1000 stop: 1600	32587
Sample a-B Personal 22	12/17/97					Lester Johnson	2	→		1.2 Lpm start: 1000 stop: 1600	32588

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Warren	12/18/ 1600	Fed Ex		
Relinquished By:	Date / Time	Received By:	Date / Time	Turnaround Time Requested:
		Michael Trinidad	12-19-97/ 10:30	

(Matrix: (S = Soil/SS = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

Fax Copy of Results to 404-874-6263 770-934-2451

793

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: Omega Environmental Services
Address: 4661 Hammermill rd Tucker GA 30084
Report Sent to: (Client Contact): Michael Warren / John Maunt
Contact Phone # 770-621-9414 Fax # 770-934-2451
Project Name: Hunter Fire training Center
Project Number: 97041

Billing address: Same
Client P.O. #

For Laboratory Use Only
Custody Seal: Y N Page 1 OF 1
QC Level: N 1 2 3 4 Init/Temp: 20 °C m
Sample Condition: Good AAL Lab Project # 15413

Samplers: (signature): Michael Warren
Samplers: (printed): Michael Warren

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS: Phy, Gr, Bacs								Remarks	Accura Sample ID No. AB
AmB 25	1/21/98					upwind	1	↑								12 ppm start 0900 stop 1600	35612
AmB 26	1/21/98					downwind	1	↑								12 ppm start 0900 stop 1600	35613
Blank	1/21/98					—	1	—								—	35614

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Pickle	1-21-98 1730	Fed Ex		
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
		Michael Trinidad	1-22-98/0930	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2 XLS

ACCURA ANALYTICAL LABORATORY, INC.
6017 Financial Drive, Norcross, Georgia, 30071, Phone (770)449-8800

CASE NARRATIVE for Project Number: 15413
Client Project: Hunter Fire Training Center / 97041

No problems were encountered with this project.

Quality Assurance

Client Services Representative

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB35612 **Accura Project #: 15413**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97041
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: AMB-25

Date Sampled: 1/21/98
Date Received: 1/22/98
Date Reported: 2/2/98
Sample Matrix: AIR CART

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/29/98 Date Ext/Dig/Prep: 1/27/98 Result Units: mg/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.000099
Barium	<RDL	0.00099
Chromium	<RDL	0.000099
Lead	<RDL	0.000099
Selenium	<RDL	0.000099

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB35613 **Accura Project #: 15413**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97041
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: AMB-26

Date Sampled: 1/21/98
Date Received: 1/22/98
Date Reported: 2/2/98
Sample Matrix: AIR CART

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/29/98 Date Ext/Dig/Prep: 1/27/98 Result Units: mg/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.000099
Barium	<RDL	0.00099
Chromium	<RDL	0.000099
Lead	<RDL	0.000099
Selenium	<RDL	0.000099

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB35614 **Accura Project #: 15413**

Client: Omega Env. Services - Tucker

Client Contact: MICHAEL WARREN

Client Project Number: 97041

Client Project Name: HUNTER FIRE TRAINING CENTER

Client Sample ID: BLANK

Date Sampled: 1/21/98

Date Received: 1/22/98

Date Reported: 2/2/98

Sample Matrix: AIR CART

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/29/98 Date Ext/Dig/Prep: 1/27/98 Result Units: mg/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.000099
Barium	<RDL	0.00099
Chromium	<RDL	0.000099
Lead	<RDL	0.000099
Selenium	<RDL	0.000099

Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

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:L Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB35615 **Accura Project #: 15413**

.ent: **Omega Env. Services - Tucker**

:lient Contact: MICHAEL WARREN

Client Project Number: 97041

Client Project Name: HUNTER FIRE TRAINING CENTER

Client Sample ID: METHOD BLANK

Date Sampled: 1/21/98

Date Received: 1/22/98

Date Reported: 2/2/98

Sample Matrix: AIR CART

ANALYSIS: Metals in Air

Method Ref: 7300/6010A

Date Analyzed: 1/29/98 Date Ext/Dig/Prep: 1/27/98 Result Units: mg/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.000099
Barium	<RDL	0.00099
Chromium	<RDL	0.000099
Lead	<RDL	0.000099
Selenium	<RDL	0.000099

Accura Analytical Laboratory, Inc.

JOB HAZARD ANALYSIS

1. Phase of Construction

Initial air monitoring

2. Location	3. Contract No.	4. Project
Hunter AAF	97-C-0042	Fire training area

5. Prime Contractor	6. Date of Preparatory	7. Estimated Start Date
Omega Environmental	12-4-97	12-7-97

Potential Safety Hazard	Procedure to Control Hazard
Snakes & Insects	Cold weather, snake guards & insect spray.
Cold weather	Instruct on proper clothing
Tripping hazards	Instruct on proper procedures to avoid obstacles.
Exposure to chemicals	Instruct in proper P.P.E. and decon procedures.
Cuts & scrapes	Instruct in proper handling of glass containers
	Also covered H&S plan on all potential safety hazards.

8. Contractor's Representative (signature)

9. Government Representative (signature)

JOB HAZARD ANALYSIS

1. Phase of Construction

Excavating Hazardous and Non-Hazardous Contaminated Soil

2. Location	3. Contract No.	4. Project
Hunter Army AirField	970042	97041 Fire trng Center

5. Prime Contractor	6. Date of Preparatory	7. Estimated Start Date
Omega Environmental Svs.	12/19/97	01/5/98

Potential Safety Hazard	Procedure to Control Hazard
- Excavating Hazardous and non Hazardous Contaminated Soil chemical →	Continuous air monitoring, Upgrading Level of Protection if nessasary, and Dust Control.
- Sampling Soil + Groundwater chemical →	PPE, and Following the approved SAP.
- Demolition Activity chemical / Physical →	Proper PPE, Dust Control
- Earth moving Equipment Physical →	Following all operating procedures, Maintaining visual Contact Between the operators and technictions.

8. Contractor's Representative (signature)	9. Government Representative (signature)

JOB HAZARD ANALYSIS

1. Phase of Construction

Demolition of Concrete and Desposal of Soil and Concrete

2. Location	3. Contract No.	4. Project
Hunter AAF fire trng.	970042	Fire training Center

5. Prime Contractor	6. Date of Preparatory	7. Estimated Start Date
Omega Environmental Services	01/07/98	01/08/98

Potential Safety Hazard	Procedure to Control Hazard
Demolition and Desposal	
Demolition of Concrete-	Proper use of earth moving equipment ground personnel staying a sate distance away From Breaking concret Dust control.
Loading tracks with - Concrete + soil.	Lining the outside of trucks to prevent them From Becoming contaminated. No ground Personnel near over head work.
Chemical Hazard	a PID + particulate monitor will Be used to determine if a upgrade to Level C will Be Nessasary.

8. Contractor's Representative (signature)	9. Government Representative (signature)
Wand Fine	

SAS Form 9

EXHIBIT B-2

JOB HAZARD ANALYSIS

1. Phase of Construction		
Back Fill		
2. Location	**3. Contract No.**	**4. Project**
Hunter AAF, Fire tng area	97-C-0042	97041
5. Prime Contractor	**6. Date of Preparatory**	**7. Estimated Start Date**
Omega Environmental	Feburary 27, 1998	2-31-98

Potential Safety Hazard	Procedure to Control Hazard
Back Filling, and Compacting	Level D, ensure Back up alarms are working on all trucks. Do not stand Behind dump trucks while dumping. stay away From excavation edges.

8. Contractor's Representative (signature)	9. Government Representative (signature)

Note: Activated Carbon Samples A+B in series with B as a Back up.

to: 770-934-2451

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: Omega Environmental
Address: 4661 Hammermill rd, Tucker GA. 30084
Report Sent to: (Client Contact): Leon Labbon / Michael Warren
Contact Phone # 770-621-9414 Fax # 770-934-2451
Project Name: Fire Training Center
Project Number: 97041

Billing address: same
Client P.O. # 97041

For Laboratory Use Only
Custody Seal: Y N
Page ____ OF ____
QC Level: N 1 2 3 4
Init/Temp:
Sample Condition:
AAL Lab Project #

Samplers: (signature): Michael Warren
Samplers: (printed): Michael Warren

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS: Pb, Cr, Ba, As, Se	VOCs, PAH	Remarks	Accura Sample ID No. AB
AMB-1	12/5/97					Upwind	1			12 Lpm on 0935 off 1600	
AMB-02	12/5/97					downwind	1			12 Lpm on 0935 off 1600	
AMB-03 A+B	12/5/97					Upwind	2			[redacted] Lpm on 0935 1.2 off 1600	
AMB-04 A & B	12/5/97					downwind	2			1.2 Lpm on 0935 off. 1600	
AMB-5	12/8/97					upwind	1			12 Lpm on 0900 off 16	
AMB-6	12/8/97					downwind	1			12 Lpm on 0900 off	
AMB-07 A+B	12/8/97					up wind	2			1.2 Lpm on 0900 off	
AMB 08 A+B	12/8/97					down wind	2			1.2 Lpm on 0900 off	

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Warren	12-11-97	Fed EX		
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**

QC signature

(S = Solid) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

97-2 XLS

Industrial Hygiene Equipment Calibration Log

Date	Equipment	Serial Number	Media	Calibrated By	Notes
12/5/97	GT 201	9626074	air	Leon Labbon	—
12/5/97	Q-200	00337	air		114 Db
12/5/97	miniram	00211	air		0°
12/5/97	GILAIR	12834	air		1.2 Lpm
12/5/97	GILAIR	00284	air		1.2 Lpm
12/5/97	HI VoL	00307	air		12 Lpm
12/5/97	HI VOL	00311	air		12 Lpm
12/5/97	GV-1005	7013113-2	air		Leak check
12/5/97	H.NU	970051	air	Leon Labbon	span 4.6

NOTES: For more information see Field Notebook.

Industrial Hygiene Equipment Calibration Log

Date	Equipment	Serial Number	Media	Calibrated By	Notes
12/8/97	GT 201	9626074	air	mike Warren	—
12/8/97	Q-200	00337	air		114 Db
12/8/97	miniram	00211	air		0°
12/8/97	GILAIR	12834	air		1.2 Lpm
12/8/97	GILAIR	00284	air		1.2 Lpm
12/8/97	HI VoL	00307	air		12 Lpm
12/8/97	HI VOL	00311	air		12 Lpm
12/8/97	GV-1005	7013113-2	air		Leak check
12/8/97	H.NU	970051	air	mike Warren	span 4.6

NOTES: See Field notes For more info

Page ____of____

Note - activated Carbon Samples A+B in series with B as a Back up

Tap - try -- results to ...

16784
to: 77-93

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5777

CHAIN OF CUSTODY

Company Name: Omega Environmental Service
Billing address: same
Address: 4661 Hammermill rd, Tucker GA. 30084
Client P.O. # 97041
Report Sent to: (Client Contact): Leon Labbon / Michael Warren
Contact Phone # 770-621-9414 Fax # 770-934-2451
Project Name: Fire Trng Center
Project Number: 97041

For Laboratory Use Only

Custody Seal: Y N
Page ____ OF ____
QC Level: N 1 2 3 4
Init/Temp:
Sample Condition:
AAL Lab Project #

Samplers: (signature): Michael Warren
Samplers: (printed): Michael Warren

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS: Pb, Cr, Ba, As, Se	VOC's, PAH	Remarks	Accura Sample ID No. AE
P-9 a+B	12-11-97					Personal	2	←		1.2 Lpm 1000 off 1500	
P-10 a+B	12-11-97					Personal	2	←		1.2 Lpm on 1000 off 1500	
amB-11	12-11-97					up wind	1		←	12 Lpm on 0930 off 1500	
amB-12	12-11-97					downwind	1		←	12 Lpm ON 0930 off 1500	

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Warren	12-11-97			
Relinquished By:	Date / Time	Received By:	Date / Time	Turnaround Time Requested:

QC signature

M... Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (Sl. = Sludge) (A = Air Sample) (F... ...ods) (M = Miscellaneous)

Industrial Hygiene Equipment Calibration Log

Date	Equipment	Serial Number	Media	Calibrated By	Notes
12/11/97	GT 201	9626074	air	Michael	not used
12/11/97	Q-200	00337	sound	"	
12/11/97	miniram	00211	air	"	particulates
12/11/97	GILAIR	12834	air P	"	1.2 Lpm
12/11/97	GILAIR	00284	air P	"	1.2 Lpm
12/11/97	HI VoL	00307	air amb	"	12 Lpm
12/11/97	HI VOL	00311	air amb	"	12 Lpm
12-11-97	GV-1005	7013113-2	Benzene	"	2st @ above 4ppm
12/11/97	H.NU	970051	air	"	span 4.6

NOTES:

Page 1 of 2

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ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: Omega Environmental Svs.
Address: 4661 Hammermill rd Tucker GA 30084
Report Sent to: (Client Contact): Michael Warren / Leon Lakeman
Contact Phone # 770-621-9414 Fax # 770-934-2451
Project Name: Hunter Fire Trng Center
Project Number: 97041

Billing address:
Client P.O. #

For Laboratory Use Only
Custody Seal: Y N Page OF
QC Level: N 1 2 3 4 Init/Temp:
Sample Condition: AAL Lab Project #

Samplers: (signature): Michael Warren
Samplers: (printed): Michael Warren

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS Pb, Cr, Ba, As, Se	VOCs, PAH.							Remarks	Accura Sample ID No. AB
amB 13	12/16/97					upwind	1	↑								3 Lpm Start: 0800 Stop: 1100	
amB 14	12/16/97					down wind	1	↑								3 Lpm Start: 0800 Stop: 1100	
Sample a-B Personal 15	12/16/97					Juan King	2		↑							1.2 Lpm Start: 0800 Stop: 1100	
Sample a-B Personal 16	12/16/97					Lester Johnson	2		↑							1.2 Lpm Start: 0800 Stop: 1100	
amB 17	12/16/97					up wind	1	↑								12 Lpm Start: 1300 Stop: 1400	
amB 18	12/16/97					down wind	1	↑								12 Lpm Start: 1300 Stop: 1400	
amB 19	12/17/97					up wind	1	↑								12 Lpm Start: ~~1300~~ 1000-1000 Stop: ~~1400~~	
amB 20	12/17/97					down wind	1	↑								12 Lpm Start: 1000 Stop: 1600	
Sample aB Personal 21	12/17/97					Juan King	2		↑							1.2 Lpm Start: 1000 Stop: 1600	
Sample A-B Personal 22	12/17/97					Lester Johnson	2		↑							1.2 Lpm Start: 1000 Stop: 1600	

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Warren	12/18/1600	Fed Ex		
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**

x Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (oods) (M = Miscellaneous)

97-2.XLS

Industrial Hygiene Equipment Calibration Log

Date	Equipment	Serial Number	Media	Calibrated By	Notes
	GT 201	9626074			
	Q-200	00337			
12/16/97	miniram	00211		Michael Warren	0%
12/16/97	GILAIR	12834			1.2 Lpm
12/16/97	GILAIR	00284		Michael Warren	1.2 Lpm
12/16/97	HI VoL	00307			3 Lpm
12/16/97	HI VOL	00311			3 Lpm
12/16/97	GV-1005	7013113-2	Benzene		Leak test
12/16/97	H.NU	970051			573 span

NOTES:

Industrial Hygiene Equipment Calibration Log

Date	Equipment	Serial Number	Media	Calibrated By	Notes
	GT 201	9626074			
12-17	Q-200	00337		Michael Warren	0 db
12-17	miniram	00211			0 %
12-17	GILAIR	12834			1.2 Lpm
12-17	GILAIR	00284			1.2 Lpm
12-17	HI VoL	00307			3 Lpm
12-17	HI VOL	00311			3 Lpm
12-17	GV-1005	7013113-2	Benzene		Leak test
12-17	H.NU	470051		Michael Warren	570 span

NOTES:

page 2 of 2

12.88

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name:

Address:

Report Sent to: (Client Contact): continued

Contact Phone # Fax #

Project Name:

Project Number:

Billing address:

Client P.O. #

For Laboratory Use Only

Custody Seal: Y N Page OF

QC Level: N 1 2 3 4 Init/Temp:

Sample Condition: AAL Lab Project #

Samplers: (signature): Michael Warren

Samplers: (printed): Michael Warren

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS: Pb, Cr, Ba, As, Se									Remarks	Accura Sample ID No. AB
AmB 23	12/18/97					downwind	1	↑									12 hpm start: 0810 stop: 1500	
AmB 24	12/18/97					up wind	1	↑									12 hpm start: 0810 stop: 1500	

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Warren	12/18/1600			
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**

x Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (oods) (M = Miscellaneous)

97-2 XLS

Industrial Hygiene Equipment Calibration Log

Date	Equipment	Serial Number	Media	Calibrated By	Notes
	GT 201	9626074			
	Q-200	00337			
12-18	miniram	00211	air	Michael Warren	0%
12-18	GILAIR	12834	air		1.2 Lpm
12-18	GILAIR	00284	air		1.2 Lpm
12-18	HI VoL	00307	air		12 Lpm
12-18	HI VOL	00311	air		12 Lpm
	GV-1005	7013113-2			
12-18	H.NU	470051	air	Michael Warren	5.60 span

NOTES:

Fax copy of results to Mike 314-6263 770-934-2451 .2193

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

CHAIN OF CUSTODY

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

Company Name: Omega Environmental Services
Address: 4661 Hammermill rd Tucker GA 30084
Report Sent to: (Client Contact): Michael Warren / John Mount
Contact Phone # 770-621-9414 Fax # 770-934-2451
Project Name: Hunter Fire training Center
Project Number: 97041

Billing address: Same
Client P.O. #

For Laboratory Use Only

Custody Seal: Y N Page ____ OF ____
QC Level: N 1 2 3 4 Init/Temp: ____
Sample Condition: AAL Lab Project #

Samplers: (signature): Michael Warren
Samplers: (printed): Michael Warren

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS: Phy Gr Bag	Remarks	Accura Sample ID No. AB
AmB 25	1/21/98					upwind	1	↑	start 0900 12 hpa stop 1600	
AmB 26	1/21/98					downwind	1	↑	start 0900 12 hpa stop 1600	
Blank	1/21/98					—	1	—	—	

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Relinquished By:	Date / Time	Received By:	Date / Time	Turnaround Time Requested:

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

Industrial Hygiene Equipment Calibration Log

Date	Equipment	Serial Number	Media	Calibrated By	Notes
	GT 201	9626074			
	Q-200	00337			
1-21-98	mini ram	00211			0%
	GILAIR	12834			
	GILAIR	00284			
1-21-98	HI VoL	00307			12 Lpm
1-21-98	HI VOL	00311			12 Lpm
	GV-1005	7013113-2			
1-21-98	H.NU	970051			4.6 span

NOTES:

Note: Separated Carbon Samples A+B in series with B as a Backup.

to: 770-934-2451

12781

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: Omega Environmental
Address: 4661 Hammermill rd, Tucker GA. 30084
Report Sent to: (Client Contact): Leon Labbon / Michael Warren
Contact Phone # 770-621-9414 Fax # 770-934-2451
Project Name: Fire Training Center
Project Number: 97041

Billing address: same
Client P.O. # 97041

For Laboratory Use Only

Custody Seal: Y N Page 1 OF 2
QC Level: N 1 2 3 4 Init/Temp: MT 18°C
Sample Condition: Good AAL Lab Project # 15075

Samplers: (signature): Michael Warren
Samplers: (printed): Michael Warren

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS: Pb, Cr, Ba, As, Se	VOCs, PAH	Remarks	Accura Sample ID No. AB
AMB-1	12/5/97					Upwind	1			12 Lpm on 0935 off 1600	32325
AMB-02	12/5/97					downwind	1			12 Lpm on 0955 off 1600	32326
AMB-03 A+B	12/5/97					Upwind	2			[redacted] Lpm on 0935 1.2 off 1600	32327 / 32328
AMB-04 A & B	12/5/97					downwind	2			1.2 Lpm on 0935 off. 1600	32329 / 32330
											32
AMB-5	12/8/97					upwind	1			12 Lpm on 0900 off 16	32331
AMB-6	12/8/97					downwind	1			12 Lpm on 0900 off	32332
AMB-07 A & B	12/8/97					up wind	2			1.2 Lpm on 0900 off	32333 / 32334
AMB 08 A+B	12/8/97					down wind	2			1.2 Lpm on 0900 off	32335 / 32336

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Warren	12-11-97	Fed EX		
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
		Michael Warren	12-12-97 / 10:30	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

QC signature

note: activated Carbon Samples A+B in Series with B as a Back up

fax. Copy of results to: 704-817-626

12784

to: 770-934-2451

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: Omega Environmental Service
Billing address: same
Address: 4661 Hammermill rd, Tucker GA. 30084
Client P.O. # 97041
Report Sent to: (Client Contact): Leon Labbon / Michael Warren
Contact Phone # 770-621-9414 Fax # 770-934-2451
Project Name: Five Tring Center
Project Number: 97041

For Laboratory Use Only

Custody Seal: Y N Page 2 OF 2
QC Level: N 1 2 3 4 Init/Temp: MT 18°C
Sample Condition: Good AAL Lab Project # 15075

Samplers: (signature): Michael Warren
Samplers: (printed): Michael Warren

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	Pb, Cr, ba, as, Se	VOC's, PAH	Remarks	Accura Sample ID No. AB
P-9 a+B	12-11-97					Personal	2			1.2 Lpm 10:00 off 1500	32337 32338
P-10 a+B	12-11-97					Personal	2			1.2 Lpm on 1000 off 1500	32339 32340
amB-11	12-11-97					up wind	1			12 Lpm on 0930 off 1500	32341
amB-12	12-11-97					downwind	1			12 Lpm ON 0930 off 1500	32342
Blank	12.5.97						1				32343
Blank	12.5.97						1				32344

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Warren	12-11-97	Fed Ex		
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
		Michael Grimsbel	12-12-97 / 10:30	

QC signature X

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

ACCURA ANALYTICAL LABORATORY, INC.
6017 Financial Drive, Norcross, Georgia, 30071, Phone (770)449-8800

CASE NARRATIVE for Project Number: 15075
Client Project: Fire Training Center / 97041

No problems were encountered with this project.

Quality Assurance

Client Services Representative

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB32325 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker
Client Contact: LEON LABBON
Client Project Number: 97041
Client Project Name: FIRE TRAINING CENTER
Client Sample ID: AMB-1

Date Sampled: 12/5/97
Date Received: 12/12/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	<RDL	0.1
Selenium	<RDL	0.1

Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB32326 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker Date Sampled: 12/5/97

Client Contact: LEON LABBON Date Received: 12/12/97

Client Project Number: 97041 Date Reported: 1/7/98

Client Project Name: FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: AMB-2

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	0.1	0.1
Selenium	0.1	0.1

Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB32327 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker Date Sampled: 12/5/97

Client Contact: LEON LABBON Date Received: 12/12/97

Client Project Number: 97041 Date Reported: 1/7/98

Client Project Name: FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: AMB-3A

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.00055
1,1,2,2-Tetrachloroethane	<RDL	0.00055
1,1,2-Trichloroethane	<RDL	0.00055
1,1-Dichloroethane	<RDL	0.00055
1,1-Dichloroethene	<RDL	0.00055
1,2-Dichlorobenzene	<RDL	0.00055
1,2-Dichloroethane	<RDL	0.00055
1,2-Dichloropropane	<RDL	0.00055
1,3-Dichlorobenzene	<RDL	0.00055
1,4-Dichlorobenzene	<RDL	0.00055
2-Butanone (MEK)	<RDL	0.0055
2-Chloroethylvinyl ether	<RDL	0.0011
2-Hexanone	<RDL	0.0055
4-Methyl-2-pentanone (MIBK)	<RDL	0.0055
Acetone	<RDL	0.0055
Benzene	<RDL	0.00055
Bromodichloromethane	<RDL	0.00055
Bromoform	<RDL	0.00055
Bromomethane	<RDL	0.00055
Carbon disulfide	<RDL	0.00055
Carbon tetrachloride	<RDL	0.00055
Chlorobenzene	<RDL	0.00055
Chloroethane	<RDL	0.00055
Chloroform	<RDL	0.00055
Chloromethane	<RDL	0.00055
cis-1,3-Dichloropropene	<RDL	0.00055
Dibromochloromethane	<RDL	0.00055
Ethylbenzene	<RDL	0.00055
Methylene chloride	<RDL	0.00055
Styrene	<RDL	0.00055
Tetrachloroethene	<RDL	0.00055
Toluene	<RDL	0.00055

trans-1,2-Dichloroethene	<RDL	0.00055
trans-1,3-Dichloropropene	<RDL	0.00055
Trichloroethene	<RDL	0.00055
Trichlorofluoromethane	<RDL	0.00055
Vinyl acetate	<RDL	0.011
Vinyl chloride	<RDL	0.00022
Xylenes (Total)	<RDL	0.00055

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	104	0
4-Bromofluorobenzene	95	0
Toluene-d8	95	0

Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB32329 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker
Client Contact: LEON LABBON
Client Project Number: 97041
Client Project Name: FIRE TRAINING CENTER
Client Sample ID: AMB-4A

Date Sampled: 12/5/97
Date Received: 12/12/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.00055
1,1,2,2-Tetrachloroethane	<RDL	0.00055
1,1,2-Trichloroethane	<RDL	0.00055
1,1-Dichloroethane	<RDL	0.00055
1,1-Dichloroethene	<RDL	0.00055
1,2-Dichlorobenzene	<RDL	0.00055
1,2-Dichloroethane	<RDL	0.00055
1,2-Dichloropropane	<RDL	0.00055
1,3-Dichlorobenzene	<RDL	0.00055
1,4-Dichlorobenzene	<RDL	0.00055
2-Butanone (MEK)	<RDL	0.0055
2-Chloroethylvinyl ether	<RDL	0.0011
2-Hexanone	<RDL	0.0055
4-Methyl-2-pentanone (MIBK)	<RDL	0.0055
Acetone	<RDL	0.0055
Benzene	<RDL	0.00055
Bromodichloromethane	<RDL	0.00055
Bromoform	<RDL	0.00055
Bromomethane	<RDL	0.00055
Carbon disulfide	<RDL	0.00055
Carbon tetrachloride	<RDL	0.00055
Chlorobenzene	<RDL	0.00055
Chloroethane	<RDL	0.00055
Chloroform	<RDL	0.00055
Chloromethane	<RDL	0.00055
cis-1,3-Dichloropropene	<RDL	0.00055
Dibromochloromethane	<RDL	0.00055
Ethylbenzene	<RDL	0.00055
Methylene chloride	<RDL	0.00055
Styrene	<RDL	0.00055
Tetrachloroethene	<RDL	0.00055
Toluene	<RDL	0.00055

trans-1,2-Dichloroethene	<RDL	0.00055
trans-1,3-Dichloropropene	<RDL	0.00055
Trichloroethene	<RDL	0.00055
Trichlorofluoromethane	0.00067	0.00055
Vinyl acetate	<RDL	0.011
Vinyl chloride	<RDL	0.00022
Xylenes (Total)	<RDL	0.00055

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	102	0
4-Bromofluorobenzene	97	0
Toluene-d8	95	0

Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB32331 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker

Client Contact: LEON LABBON

Client Project Number: 97041

Client Project Name: FIRE TRAINING CENTER

Client Sample ID: AMB-5

Date Sampled: 12/8/97

Date Received: 12/12/97

Date Reported: 1/7/98

Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	0.1	0.1
Selenium	<RDL	0.1

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB32332 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker

Client Contact: LEON LABBON

Client Project Number: 97041

Client Project Name: FIRE TRAINING CENTER

Client Sample ID: AMB-6

Date Sampled: 12/8/97

Date Received: 12/12/97

Date Reported: 1/7/98

Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	0.1	0.1
Selenium	<RDL	0.1

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LABORATORY REPORT

Accura Sample ID #: AB32333 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker

Client Contact: LEON LABBON

Client Project Number: 97041

Client Project Name: FIRE TRAINING CENTER

Client Sample ID: AMB-7A

Date Sampled: 12/8/97

Date Received: 12/12/97

Date Reported: 1/7/98

Sample Matrix: AIR

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.0005
1,1,2,2-Tetrachloroethane	<RDL	0.0005
1,1,2-Trichloroethane	<RDL	0.0005
1,1-Dichloroethane	<RDL	0.0005
1,1-Dichloroethene	<RDL	0.0005
1,2-Dichlorobenzene	<RDL	0.0005
1,2-Dichloroethane	<RDL	0.0005
1,2-Dichloropropane	<RDL	0.0005
1,3-Dichlorobenzene	<RDL	0.0005
1,4-Dichlorobenzene	<RDL	0.0005
2-Butanone (MEK)	<RDL	0.005
2-Chloroethylvinyl ether	<RDL	0.001
2-Hexanone	<RDL	0.005
4-Methyl-2-pentanone (MIBK)	<RDL	0.005
Acetone	<RDL	0.005
Benzene	<RDL	0.0005
Bromodichloromethane	<RDL	0.0005
Bromoform	<RDL	0.0005
Bromomethane	<RDL	0.0005
Carbon disulfide	<RDL	0.0005
Carbon tetrachloride	<RDL	0.0005
Chlorobenzene	<RDL	0.0005
Chloroethane	<RDL	0.0005
Chloroform	<RDL	0.0005
Chloromethane	<RDL	0.0005
cis-1,3-Dichloropropene	<RDL	0.0005
Dibromochloromethane	<RDL	0.0005
Ethylbenzene	<RDL	0.0005
Methylene chloride	<RDL	0.0005
Styrene	<RDL	0.0005
Tetrachloroethene	<RDL	0.0005
Toluene	<RDL	0.0005

trans-1,2-Dichloroethene	<RDL	0.0005
trans-1,3-Dichloropropene	<RDL	0.0005
Trichloroethene	<RDL	0.0005
Trichlorofluoromethane	<RDL	0.0005
Vinyl acetate	<RDL	0.01
Vinyl chloride	<RDL	0.0002
Xylenes (Total)	<RDL	0.0005

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	98	0
4-Bromofluorobenzene	90	0
Toluene-d8	91	0

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LABORATORY REPORT

Accura Sample ID #: AB32335 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker
Client Contact: LEON LABBON
Client Project Number: 97041
Client Project Name: FIRE TRAINING CENTER
Client Sample ID: AMB-8A

Date Sampled: 12/8/97
Date Received: 12/12/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.0005
1,1,2,2-Tetrachloroethane	<RDL	0.0005
1,1,2-Trichloroethane	<RDL	0.0005
1,1-Dichloroethane	<RDL	0.0005
1,1-Dichloroethene	<RDL	0.0005
1,2-Dichlorobenzene	<RDL	0.0005
1,2-Dichloroethane	<RDL	0.0005
1,2-Dichloropropane	<RDL	0.0005
1,3-Dichlorobenzene	<RDL	0.0005
1,4-Dichlorobenzene	<RDL	0.0005
2-Butanone (MEK)	<RDL	0.005
2-Chloroethylvinyl ether	<RDL	0.001
2-Hexanone	<RDL	0.005
4-Methyl-2-pentanone (MIBK)	<RDL	0.005
Acetone	<RDL	0.005
Benzene	<RDL	0.0005
Bromodichloromethane	<RDL	0.0005
Bromoform	<RDL	0.0005
Bromomethane	<RDL	0.0005
Carbon disulfide	<RDL	0.0005
Carbon tetrachloride	<RDL	0.0005
Chlorobenzene	<RDL	0.0005
Chloroethane	<RDL	0.0005
Chloroform	<RDL	0.0005
Chloromethane	<RDL	0.0005
cis-1,3-Dichloropropene	<RDL	0.0005
Dibromochloromethane	<RDL	0.0005
Ethylbenzene	<RDL	0.0005
Methylene chloride	<RDL	0.0005
Styrene	<RDL	0.0005
Tetrachloroethene	<RDL	0.0005
Toluene	<RDL	0.0005

trans-1,2-Dichloroethene	<RDL	0.0005
trans-1,3-Dichloropropene	<RDL	0.0005
Trichloroethene	<RDL	0.0005
Trichlorofluoromethane	<RDL	0.0005
Vinyl acetate	<RDL	0.01
Vinyl chloride	<RDL	0.0002
Xylenes (Total)	<RDL	0.0005

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	103	0
4-Bromofluorobenzene	94	0
Toluene-d8	94	0

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LABORATORY REPORT

Accura Sample ID #: AB32337 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker Date Sampled: 12/11/97

Client Contact: LEON LABBON Date Received: 12/12/97

Client Project Number: 97041 Date Reported: 1/7/98

Client Project Name: FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: P-9A

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.0007
1,1,2,2-Tetrachloroethane	<RDL	0.0007
1,1,2-Trichloroethane	<RDL	0.0007
1,1-Dichloroethane	<RDL	0.0007
1,1-Dichloroethene	<RDL	0.0007
1,2-Dichlorobenzene	<RDL	0.0007
1,2-Dichloroethane	<RDL	0.0007
1,2-Dichloropropane	<RDL	0.0007
1,3-Dichlorobenzene	<RDL	0.0007
1,4-Dichlorobenzene	<RDL	0.0007
2-Butanone (MEK)	<RDL	0.007
2-Chloroethylvinyl ether	<RDL	0.0014
2-Hexanone	<RDL	0.007
4-Methyl-2-pentanone (MIBK)	<RDL	0.007
Acetone	<RDL	0.007
Benzene	<RDL	0.0007
Bromodichloromethane	<RDL	0.0007
Bromoform	<RDL	0.0007
Bromomethane	<RDL	0.0007
Carbon disulfide	<RDL	0.0007
Carbon tetrachloride	<RDL	0.0007
Chlorobenzene	<RDL	0.0007
Chloroethane	<RDL	0.0007
Chloroform	<RDL	0.0007
Chloromethane	<RDL	0.0007
cis-1,3-Dichloropropene	<RDL	0.0007
Dibromochloromethane	<RDL	0.0007
Ethylbenzene	<RDL	0.0007
Methylene chloride	<RDL	0.0007
Styrene	<RDL	0.0007
Tetrachloroethene	<RDL	0.0007
Toluene	<RDL	0.0007

trans-1,2-Dichloroethene	<RDL	0.0007
trans-1,3-Dichloropropene	<RDL	0.0007
Trichloroethene	<RDL	0.0007
Trichlorofluoromethane	<RDL	0.0007
Vinyl acetate	<RDL	0.014
Vinyl chloride	<RDL	0.00028
Xylenes (Total)	<RDL	0.0007

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	99	0
4-Bromofluorobenzene	94	0
Toluene-d8	92	0

Linda Dolly

Accura Analytical Laboratory, Inc.

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LABORATORY REPORT

Accura Sample ID #: AB32339 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker Date Sampled: 12/11/97

Client Contact: LEON LABBON Date Received: 12/12/97

Client Project Number: 97041 Date Reported: 1/7/98

Client Project Name: FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: P-10A

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.0007
1,1,2,2-Tetrachloroethane	<RDL	0.0007
1,1,2-Trichloroethane	<RDL	0.0007
1,1-Dichloroethane	<RDL	0.0007
1,1-Dichloroethene	<RDL	0.0007
1,2-Dichlorobenzene	<RDL	0.0007
1,2-Dichloroethane	<RDL	0.0007
1,2-Dichloropropane	<RDL	0.0007
1,3-Dichlorobenzene	<RDL	0.0007
1,4-Dichlorobenzene	<RDL	0.0007
2-Butanone (MEK)	<RDL	0.007
2-Chloroethylvinyl ether	<RDL	0.0014
2-Hexanone	<RDL	0.007
4-Methyl-2-pentanone (MIBK)	<RDL	0.007
Acetone	<RDL	0.007
Benzene	<RDL	0.0007
Bromodichloromethane	<RDL	0.0007
Bromoform	<RDL	0.0007
Bromomethane	<RDL	0.0007
Carbon disulfide	<RDL	0.0007
Carbon tetrachloride	<RDL	0.0007
Chlorobenzene	<RDL	0.0007
Chloroethane	<RDL	0.0007
Chloroform	<RDL	0.0007
Chloromethane	<RDL	0.0007
cis-1,3-Dichloropropene	<RDL	0.0007
Dibromochloromethane	<RDL	0.0007
Ethylbenzene	<RDL	0.0007
Methylene chloride	<RDL	0.0007
Styrene	<RDL	0.0007
Tetrachloroethene	<RDL	0.0007
Toluene	<RDL	0.0007

trans-1,2-Dichloroethene	<RDL	0.0007
trans-1,3-Dichloropropene	<RDL	0.0007
Trichloroethene	<RDL	0.0007
Trichlorofluoromethane	<RDL	0.0007
Vinyl acetate	<RDL	0.014
Vinyl chloride	<RDL	0.00028
Xylenes (Total)	<RDL	0.0007

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	97	0
4-Bromofluorobenzene	93	0
Toluene-d8	93	0

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LABORATORY REPORT

Accura Sample ID #: AB32341 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker

Client Contact: LEON LABBON

Client Project Number: 97041

Client Project Name: FIRE TRAINING CENTER

Client Sample ID: AMB-11

Date Sampled: 12/11/97

Date Received: 12/12/97

Date Reported: 1/7/98

Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	0.2	0.1
Selenium	<RDL	0.1

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LABORATORY REPORT

Accura Sample ID #: AB32342 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker
Client Contact: LEON LABBON
Client Project Number: 97041
Client Project Name: FIRE TRAINING CENTER
Client Sample ID: AMB-12

Date Sampled: 12/11/97
Date Received: 12/12/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	<RDL	0.1
Selenium	<RDL	0.1

Linda Dakle
Accura Analytical Laboratory, Inc.

Note: Activated Carbon Samples A+B in series with B as a Backup.

Fax: Copy of results to: 770-934-2451

12781

B6-5

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: Omega Environmental
Billing address: same
Address: 4661 Hammermill rd, Tucker GA. 30084
Client P.O. # 97041
Report Sent to: (Client Contact): Leon Labbon / Michael Warren
Contact Phone # 770-621-9414 [redacted] Fax # 770-934-2451
Project Name: Fire Training Center
Project Number: 97041

For Laboratory Use Only

Custody Seal: Y N
Page 1 OF 2
QC Level: N 1 2 3 4
Init/Temp: MT 18°C
Sample Condition: Good
AAL Lab Project # 15075

Samplers: (signature): Michael Warren
Samplers: (printed): Michael Warren

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	Pb, Cr, Ba, As, Se	VOCs, PAH	Remarks	Accura Sample ID No. AB
AMB-1	12/5/97					Upwind	1			12 Lpm on 0935 off 1600	32325
AMB-02	12/5/97					downwind	1			12 Lpm on 0935 off 1600	32326
AMB-03 A+B	12/5/97					Upwind	2			[redacted] Lpm on 0935 1.2 off 1600	32327 32328
AMB-04 A+B	12/5/97					downwind	2			1.2 Lpm on 0935 off. 1600	32329 32330
											32
AMB-5	12/8/97					upwind	1			12 Lpm on 0900 off 16	32331
AMB-6	12/8/97					downwind	1			12 Lpm on 0900 off	32332
AMB-07 A+B	12/8/97					up wind	2			1.2 Lpm on 0900 off	32333 32334
AMB 08 A+B	12/8/97					down wind	2			1.2 Lpm on 0900 off	32335 32336

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Warren	12-11-97	Fed EX		
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
		Michael Warren	12-12-97 10:30	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

QC signature

COC97-2.XLS

note: activated Carbon Samples A+B in series with B as a Back up

fax. Copy of results to: 404-817-626

12784

to: 770-934-2451

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

CHAIN OF CUSTODY

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

Company Name: Omega Environmental Service
Billing address: same
Address: 4661 Hammermill rd, Tucker GA. 30084
Client P.O. # 97041
Report Sent to: (Client Contact): Leon Labbon / Michael Warren
Contact Phone # 770-621-9414 Fax # 770-934-2451
Project Name: Five Tring Center
Project Number: 97041

For Laboratory Use Only

Custody Seal: Y N Page 2 OF 2
QC Level: N 1 2 3 4 Init/Temp: MT 18°C
Sample Condition: Good AAL Lab Project # 15075

Samplers: (signature): Michael Warren
Samplers: (printed): Michael Warren

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	Pb, Cr, ba, as, Se	VOC's, PAH	Remarks	Accura Sample ID No. AB
P-9 a+B	12-11-97					Personal	2			1.2 Lpm 1000 off 1500	32337 32338
P-10 a+B	12-11-97					Personal	2			1.2 Lpm on 1000 off 1500	32339 32340
AMB-11	12-11-97					upwind	1			12 Lpm on 0930 off 1500	32341
AMB-12	12-11-97					downwind	1			12 Lpm ON 0930 off 1500	32342
Blank	12.5.97						1				32343
Blank	12.5.97						1				32344

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Warren	12-11-97	Fed Ex		
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
		Michael Grindal	12-12-97 / 10:30	

QC signature X

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

ACCURA ANALYTICAL LABORATORY, INC.
6017 Financial Drive, Norcross, Georgia, 30071, Phone (770)449-8800

CASE NARRATIVE for Project Number: 15075
Client Project: Fire Training Center / 97041

No problems were encountered with this project.

Quality Assurance

Client Services Representative

ACCURA ANALYTICAL LABORATORY, INC.

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LABORATORY REPORT

Accura Sample ID #: AB32325 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker
Client Contact: LEON LABBON
Client Project Number: 97041
Client Project Name: FIRE TRAINING CENTER
Client Sample ID: AMB-1

Date Sampled: 12/5/97
Date Received: 12/12/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	<RDL	0.1
Selenium	<RDL	0.1

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LABORATORY REPORT

Accura Sample ID #: AB32326 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker
Client Contact: LEON LABBON
Client Project Number: 97041
Client Project Name: FIRE TRAINING CENTER
Client Sample ID: AMB-2

Date Sampled: 12/5/97
Date Received: 12/12/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	0.1	0.1
Selenium	0.1	0.1

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LABORATORY REPORT

Accura Sample ID #: AB32327 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker Date Sampled: 12/5/97

Client Contact: LEON LABBON Date Received: 12/12/97

Client Project Number: 97041 Date Reported: 1/7/98

Client Project Name: FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: AMB-3A

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.00055
1,1,2,2-Tetrachloroethane	<RDL	0.00055
1,1,2-Trichloroethane	<RDL	0.00055
1,1-Dichloroethane	<RDL	0.00055
1,1-Dichloroethene	<RDL	0.00055
1,2-Dichlorobenzene	<RDL	0.00055
1,2-Dichloroethane	<RDL	0.00055
1,2-Dichloropropane	<RDL	0.00055
1,3-Dichlorobenzene	<RDL	0.00055
1,4-Dichlorobenzene	<RDL	0.00055
2-Butanone (MEK)	<RDL	0.0055
2-Chloroethylvinyl ether	<RDL	0.0011
2-Hexanone	<RDL	0.0055
4-Methyl-2-pentanone (MIBK)	<RDL	0.0055
Acetone	<RDL	0.0055
Benzene	<RDL	0.00055
Bromodichloromethane	<RDL	0.00055
Bromoform	<RDL	0.00055
Bromomethane	<RDL	0.00055
Carbon disulfide	<RDL	0.00055
Carbon tetrachloride	<RDL	0.00055
Chlorobenzene	<RDL	0.00055
Chloroethane	<RDL	0.00055
Chloroform	<RDL	0.00055
Chloromethane	<RDL	0.00055
cis-1,3-Dichloropropene	<RDL	0.00055
Dibromochloromethane	<RDL	0.00055
Ethylbenzene	<RDL	0.00055
Methylene chloride	<RDL	0.00055
Styrene	<RDL	0.00055
Tetrachloroethene	<RDL	0.00055
Toluene	<RDL	0.00055

trans-1,2-Dichloroethene	<RDL	0.00055
trans-1,3-Dichloropropene	<RDL	0.00055
Trichloroethene	<RDL	0.00055
Trichlorofluoromethane	<RDL	0.00055
Vinyl acetate	<RDL	0.011
Vinyl chloride	<RDL	0.00022
Xylenes (Total)	<RDL	0.00055

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	104	0
4-Bromofluorobenzene	95	0
Toluene-d8	95	0

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LABORATORY REPORT

Accura Sample ID #: AB32329 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker
Client Contact: LEON LABBON
Client Project Number: 97041
Client Project Name: FIRE TRAINING CENTER
Client Sample ID: AMB-4A

Date Sampled: 12/5/97
Date Received: 12/12/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.00055
1,1,2,2-Tetrachloroethane	<RDL	0.00055
1,1,2-Trichloroethane	<RDL	0.00055
1,1-Dichloroethane	<RDL	0.00055
1,1-Dichloroethene	<RDL	0.00055
1,2-Dichlorobenzene	<RDL	0.00055
1,2-Dichloroethane	<RDL	0.00055
1,2-Dichloropropane	<RDL	0.00055
1,3-Dichlorobenzene	<RDL	0.00055
1,4-Dichlorobenzene	<RDL	0.00055
2-Butanone (MEK)	<RDL	0.0055
2-Chloroethylvinyl ether	<RDL	0.0011
2-Hexanone	<RDL	0.0055
4-Methyl-2-pentanone (MIBK)	<RDL	0.0055
Acetone	<RDL	0.0055
Benzene	<RDL	0.00055
Bromodichloromethane	<RDL	0.00055
Bromoform	<RDL	0.00055
Bromomethane	<RDL	0.00055
Carbon disulfide	<RDL	0.00055
Carbon tetrachloride	<RDL	0.00055
Chlorobenzene	<RDL	0.00055
Chloroethane	<RDL	0.00055
Chloroform	<RDL	0.00055
Chloromethane	<RDL	0.00055
cis-1,3-Dichloropropene	<RDL	0.00055
Dibromochloromethane	<RDL	0.00055
Ethylbenzene	<RDL	0.00055
Methylene chloride	<RDL	0.00055
Styrene	<RDL	0.00055
Tetrachloroethene	<RDL	0.00055
Toluene	<RDL	0.00055

trans-1,2-Dichloroethene	<RDL	0.00055
trans-1,3-Dichloropropene	<RDL	0.00055
Trichloroethene	<RDL	0.00055
Trichlorofluoromethane	0.00067	0.00055
Vinyl acetate	<RDL	0.011
Vinyl chloride	<RDL	0.00022
Xylenes (Total)	<RDL	0.00055

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	102	0
4-Bromofluorobenzene	97	0
Toluene-d8	95	0

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LABORATORY REPORT

Accura Sample ID #: AB32331 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker

Client Contact: LEON LABBON

Client Project Number: 97041

Client Project Name: FIRE TRAINING CENTER

Client Sample ID: AMB-5

Date Sampled: 12/8/97

Date Received: 12/12/97

Date Reported: 1/7/98

Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	0.1	0.1
Selenium	<RDL	0.1

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LABORATORY REPORT

Accura Sample ID #: AB32332 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker
Client Contact: LEON LABBON
Client Project Number: 97041
Client Project Name: FIRE TRAINING CENTER
Client Sample ID: AMB-6

Date Sampled: 12/8/97
Date Received: 12/12/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	0.1	0.1
Selenium	<RDL	0.1

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LABORATORY REPORT

Accura Sample ID #: AB32333 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker Date Sampled: 12/8/97

Client Contact: LEON LABBON Date Received: 12/12/97

Client Project Number: 97041 Date Reported: 1/7/98

Client Project Name: FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: AMB-7A

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.0005
1,1,2,2-Tetrachloroethane	<RDL	0.0005
1,1,2-Trichloroethane	<RDL	0.0005
1,1-Dichloroethane	<RDL	0.0005
1,1-Dichloroethene	<RDL	0.0005
1,2-Dichlorobenzene	<RDL	0.0005
1,2-Dichloroethane	<RDL	0.0005
1,2-Dichloropropane	<RDL	0.0005
1,3-Dichlorobenzene	<RDL	0.0005
1,4-Dichlorobenzene	<RDL	0.0005
2-Butanone (MEK)	<RDL	0.005
2-Chloroethylvinyl ether	<RDL	0.001
2-Hexanone	<RDL	0.005
4-Methyl-2-pentanone (MIBK)	<RDL	0.005
Acetone	<RDL	0.005
Benzene	<RDL	0.0005
Bromodichloromethane	<RDL	0.0005
Bromoform	<RDL	0.0005
Bromomethane	<RDL	0.0005
Carbon disulfide	<RDL	0.0005
Carbon tetrachloride	<RDL	0.0005
Chlorobenzene	<RDL	0.0005
Chloroethane	<RDL	0.0005
Chloroform	<RDL	0.0005
Chloromethane	<RDL	0.0005
cis-1,3-Dichloropropene	<RDL	0.0005
Dibromochloromethane	<RDL	0.0005
Ethylbenzene	<RDL	0.0005
Methylene chloride	<RDL	0.0005
Styrene	<RDL	0.0005
Tetrachloroethene	<RDL	0.0005
Toluene	<RDL	0.0005

trans-1,2-Dichloroethene	<RDL	0.0005
trans-1,3-Dichloropropene	<RDL	0.0005
Trichloroethene	<RDL	0.0005
Trichlorofluoromethane	<RDL	0.0005
Vinyl acetate	<RDL	0.01
Vinyl chloride	<RDL	0.0002
Xylenes (Total)	<RDL	0.0005

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	98	0
4-Bromofluorobenzene	90	0
Toluene-d8	91	0

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LABORATORY REPORT

Accura Sample ID #: AB32335 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker
Client Contact: LEON LABBON
Client Project Number: 97041
Client Project Name: FIRE TRAINING CENTER
Client Sample ID: AMB-8A

Date Sampled: 12/8/97
Date Received: 12/12/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.0005
1,1,2,2-Tetrachloroethane	<RDL	0.0005
1,1,2-Trichloroethane	<RDL	0.0005
1,1-Dichloroethane	<RDL	0.0005
1,1-Dichloroethene	<RDL	0.0005
1,2-Dichlorobenzene	<RDL	0.0005
1,2-Dichloroethane	<RDL	0.0005
1,2-Dichloropropane	<RDL	0.0005
1,3-Dichlorobenzene	<RDL	0.0005
1,4-Dichlorobenzene	<RDL	0.0005
2-Butanone (MEK)	<RDL	0.005
2-Chloroethylvinyl ether	<RDL	0.001
2-Hexanone	<RDL	0.005
4-Methyl-2-pentanone (MIBK)	<RDL	0.005
Acetone	<RDL	0.005
Benzene	<RDL	0.0005
Bromodichloromethane	<RDL	0.0005
Bromoform	<RDL	0.0005
Bromomethane	<RDL	0.0005
Carbon disulfide	<RDL	0.0005
Carbon tetrachloride	<RDL	0.0005
Chlorobenzene	<RDL	0.0005
Chloroethane	<RDL	0.0005
Chloroform	<RDL	0.0005
Chloromethane	<RDL	0.0005
cis-1,3-Dichloropropene	<RDL	0.0005
Dibromochloromethane	<RDL	0.0005
Ethylbenzene	<RDL	0.0005
Methylene chloride	<RDL	0.0005
Styrene	<RDL	0.0005
Tetrachloroethene	<RDL	0.0005
Toluene	<RDL	0.0005

trans-1,2-Dichloroethene	<RDL	0.0005
trans-1,3-Dichloropropene	<RDL	0.0005
Trichloroethene	<RDL	0.0005
Trichlorofluoromethane	<RDL	0.0005
Vinyl acetate	<RDL	0.01
Vinyl chloride	<RDL	0.0002
Xylenes (Total)	<RDL	0.0005

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	103	0
4-Bromofluorobenzene	94	0
Toluene-d8	94	0

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LABORATORY REPORT

Accura Sample ID #: AB32337 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker
Client Contact: LEON LABBON
Client Project Number: 97041
Client Project Name: FIRE TRAINING CENTER
Client Sample ID: P-9A

Date Sampled: 12/11/97
Date Received: 12/12/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.0007
1,1,2,2-Tetrachloroethane	<RDL	0.0007
1,1,2-Trichloroethane	<RDL	0.0007
1,1-Dichloroethane	<RDL	0.0007
1,1-Dichloroethene	<RDL	0.0007
1,2-Dichlorobenzene	<RDL	0.0007
1,2-Dichloroethane	<RDL	0.0007
1,2-Dichloropropane	<RDL	0.0007
1,3-Dichlorobenzene	<RDL	0.0007
1,4-Dichlorobenzene	<RDL	0.0007
2-Butanone (MEK)	<RDL	0.007
2-Chloroethylvinyl ether	<RDL	0.0014
2-Hexanone	<RDL	0.007
4-Methyl-2-pentanone (MIBK)	<RDL	0.007
Acetone	<RDL	0.007
Benzene	<RDL	0.0007
Bromodichloromethane	<RDL	0.0007
Bromoform	<RDL	0.0007
Bromomethane	<RDL	0.0007
Carbon disulfide	<RDL	0.0007
Carbon tetrachloride	<RDL	0.0007
Chlorobenzene	<RDL	0.0007
Chloroethane	<RDL	0.0007
Chloroform	<RDL	0.0007
Chloromethane	<RDL	0.0007
cis-1,3-Dichloropropene	<RDL	0.0007
Dibromochloromethane	<RDL	0.0007
Ethylbenzene	<RDL	0.0007
Methylene chloride	<RDL	0.0007
Styrene	<RDL	0.0007
Tetrachloroethene	<RDL	0.0007
Toluene	<RDL	0.0007

trans-1,2-Dichloroethene	<RDL	0.0007
trans-1,3-Dichloropropene	<RDL	0.0007
Trichloroethene	<RDL	0.0007
Trichlorofluoromethane	<RDL	0.0007
Vinyl acetate	<RDL	0.014
Vinyl chloride	<RDL	0.00028
Xylenes (Total)	<RDL	0.0007

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	99	0
4-Bromofluorobenzene	94	0
Toluene-d8	92	0

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LABORATORY REPORT

Accura Sample ID #: AB32339 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker Date Sampled: 12/11/97

Client Contact: LEON LABBON Date Received: 12/12/97

Client Project Number: 97041 Date Reported: 1/7/98

Client Project Name: FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: P-10A

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.0007
1,1,2,2-Tetrachloroethane	<RDL	0.0007
1,1,2-Trichloroethane	<RDL	0.0007
1,1-Dichloroethane	<RDL	0.0007
1,1-Dichloroethene	<RDL	0.0007
1,2-Dichlorobenzene	<RDL	0.0007
1,2-Dichloroethane	<RDL	0.0007
1,2-Dichloropropane	<RDL	0.0007
1,3-Dichlorobenzene	<RDL	0.0007
1,4-Dichlorobenzene	<RDL	0.0007
2-Butanone (MEK)	<RDL	0.007
2-Chloroethylvinyl ether	<RDL	0.0014
2-Hexanone	<RDL	0.007
4-Methyl-2-pentanone (MIBK)	<RDL	0.007
Acetone	<RDL	0.007
Benzene	<RDL	0.0007
Bromodichloromethane	<RDL	0.0007
Bromoform	<RDL	0.0007
Bromomethane	<RDL	0.0007
Carbon disulfide	<RDL	0.0007
Carbon tetrachloride	<RDL	0.0007
Chlorobenzene	<RDL	0.0007
Chloroethane	<RDL	0.0007
Chloroform	<RDL	0.0007
Chloromethane	<RDL	0.0007
cis-1,3-Dichloropropene	<RDL	0.0007
Dibromochloromethane	<RDL	0.0007
Ethylbenzene	<RDL	0.0007
Methylene chloride	<RDL	0.0007
Styrene	<RDL	0.0007
Tetrachloroethene	<RDL	0.0007
Toluene	<RDL	0.0007

trans-1,2-Dichloroethene	<RDL	0.0007
trans-1,3-Dichloropropene	<RDL	0.0007
Trichloroethene	<RDL	0.0007
Trichlorofluoromethane	<RDL	0.0007
Vinyl acetate	<RDL	0.014
Vinyl chloride	<RDL	0.00028
Xylenes (Total)	<RDL	0.0007

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	97	0
4-Bromofluorobenzene	93	0
Toluene-d8	93	0

Linda Dahle

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LABORATORY REPORT

Accura Sample ID #: AB32341 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker

Client Contact: LEON LABBON

Client Project Number: 97041

Client Project Name: FIRE TRAINING CENTER

Client Sample ID: AMB-11

Date Sampled: 12/11/97

Date Received: 12/12/97

Date Reported: 1/7/98

Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	0.2	0.1
Selenium	<RDL	0.1

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LABORATORY REPORT

Accura Sample ID #: AB32342 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker
Client Contact: LEON LABBON
Client Project Number: 97041
Client Project Name: FIRE TRAINING CENTER
Client Sample ID: AMB-12

Date Sampled: 12/11/97
Date Received: 12/12/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	<RDL	0.1
Selenium	<RDL	0.1

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Note: Activated Carbon Samples A+B in series with B as a Back up

404-874-6263
770-934-2451

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Environmental Analytical Services

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Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: Omega Environmental Svs.
Address: 4661 Hammermill rd. Tucker GA 30084
Report Sent to: (Client Contact): Michael Warren / Leon Lobban
Contact Phone # 770-621-9414 Fax # 770-934-2451
Project Name: Hunter Fire Trng. Center
Project Number: 97042

Billing address:
Client P.O. #

For Laboratory Use Only

Custody Seal: Y N
Page 1 OF 2
QC Level: N 1 2 3 4
Init/Temp: NT 18°C
Sample Condition: Good
AAL Lab Project # 15098

Samplers: (signature) Michael Warren
Samplers: (printed) Michael Warren

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS: Pb, Cr, Ba, As, Se	VOC's / PAH.							Remarks	Accura Sample ID No. AB
AMB 13	12/16/97					up wind	1	↑								3 Lpm Start: 0800 Stop: 1100	32579
AMB 14	12/16/97					down	1	↑								3 Lpm Start: 0800 Stop: 1100	32580
Sample A-B Personal 15	12/16/97					Juan King	2	—	↑							1.2 Lpm Start: 0800 Stop: 1100	32581 32582
Sample A-B Personal 16	12/16/97					Lester Johnson	2	—	↑							1.2 Lpm Start: 0800 Stop: 1100	32583 32584
AMB-17	12/16/97					up wind	1	↑								12 Lpm Start: 1300 Stop: 1400	32585
AMB-18	12/16/97					down wind	1	↑								12 Lpm Start: 1300 Stop: 1400	32586
AMB-19	12/17/97					up wind	1	↑								12 Lpm Start: 1000 Stop: 1600	32587
AMB-20	12/17/97					down wind	1	↑								12 Lpm Start: 1000 Stop: 1600	32588
Sample A-B Personal 21	12/17/97					Juan King	2	—	↑							1.2 Lpm Start: 1000 Stop: 1600	32589 32590
Sample A-B Personal 22	12/17/97					Lester Johnson	2	—	↑							1.2 Lpm Start: 1000 Stop: 1600	32591 32592

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Warren	12/18/ 1600	Fed Ex		
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
		Michael Trinidad	12-19-97/10:30	

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

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Environmental Analytical Services

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Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name:

Address:

Report Sent to: (Client Contact):

Contact Phone # Fax #

Project Name:

Project Number:

Continued

Billing address:

Client P.O. #

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Custody Seal: Y N Page 2 OF 2

QC Level: N 1 2 3 4 Init/Temp: NT 18°C

Sample Condition: Good AAL Lab Project # 15098

Samplers: (signature)

Samplers: (printed)

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS Pb, Cr, Ba, As, Se									Remarks	Accura Sample ID No. AB
amB 23	12/18/97					down wind	1	↑									12L pm 0700 1530	32593
amB 24	12/18/97					up wind	1	↑									12L pm 0700 1530	32594

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Warren	12/18/1600	Michael Weinstein	12-19-97/10:30	
Relinquished By:	Date / Time	Received By:	Date / Time	Turnaround Time Requested:

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

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6017 Financial Drive, Norcross, Georgia, 30071, Phone (770)449-8800

CASE NARRATIVE for Project Number: 15098
Client Project: Hunter Fire Training Center / 97042

No problems were encountered with this project.

Quality Assurance

Client Services Representative

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB32579 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker Date Sampled: 12/16/97

Client Contact: MICHAEL WARREN Date Received: 12/19/97

Client Project Number: 97042 Date Reported: 1/7/98

Client Project Name: HUNTER FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: AMB-13

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.9
Barium	<RDL	0.9
Chromium	<RDL	0.9
Lead	<RDL	0.9
Selenium	<RDL	0.9

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LABORATORY REPORT

Accura Sample ID #: AB32580 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker Date Sampled: 12/16/97

Client Contact: MICHAEL WARREN Date Received: 12/19/97

Client Project Number: 97042 Date Reported: 1/7/98

Client Project Name: HUNTER FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: AMB-14

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.9
Barium	<RDL	0.9
Chromium	<RDL	0.9
Lead	<RDL	0.9
Selenium	<RDL	0.9

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LABORATORY REPORT

Accura Sample ID #: AB32581 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker Date Sampled: 12/16/97

Client Contact: MICHAEL WARREN Date Received: 12/19/97

Client Project Number: 97042 Date Reported: 1/7/98

Client Project Name: HUNTER FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: PERSONAL 15A

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.0015
1,1,2,2-Tetrachloroethane	<RDL	0.0015
1,1,2-Trichloroethane	<RDL	0.0015
1,1-Dichloroethane	<RDL	0.0015
1,1-Dichloroethene	<RDL	0.0015
1,2-Dichlorobenzene	<RDL	0.0015
1,2-Dichloroethane	<RDL	0.0015
1,2-Dichloropropane	<RDL	0.0015
1,3-Dichlorobenzene	<RDL	0.0015
1,4-Dichlorobenzene	<RDL	0.0015
2-Butanone (MEK)	<RDL	0.015
2-Chloroethylvinyl ether	<RDL	0.0023
2-Hexanone	<RDL	0.015
4-Methyl-2-pentanone (MIBK)	<RDL	0.015
Acetone	<RDL	0.015
Benzene	<RDL	0.0015
Bromodichloromethane	<RDL	0.0015
Bromoform	<RDL	0.0015
Bromomethane	<RDL	0.0015
Carbon disulfide	<RDL	0.0015
Carbon tetrachloride	<RDL	0.0015
Chlorobenzene	<RDL	0.0015
Chloroethane	<RDL	0.0015
Chloroform	<RDL	0.0015
Chloromethane	<RDL	0.0015
cis-1,3-Dichloropropene	<RDL	0.0015
Dibromochloromethane	<RDL	0.0015
Ethylbenzene	<RDL	0.0015
Methylene chloride	<RDL	0.0015
Styrene	<RDL	0.0015
Tetrachloroethene	<RDL	0.0015
Toluene	<RDL	0.0015

trans-1,2-Dichloroethene	<RDL	0.0015
trans-1,3-Dichloropropene	<RDL	0.0015
Trichloroethene	<RDL	0.0015
Trichlorofluoromethane	<RDL	0.0015
Vinyl acetate	<RDL	0.023
Vinyl chloride	<RDL	0.00046
Xylenes (Total)	<RDL	0.0015

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	99	0
4-Bromofluorobenzene	99	0
Toluene-d8	100	0

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LABORATORY REPORT

Accura Sample ID #: AB32583 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker Date Sampled: 12/16/97

Client Contact: MICHAEL WARREN Date Received: 12/19/97

Client Project Number: 97042 Date Reported: 1/7/98

Client Project Name: HUNTER FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: PERSONAL 16A

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.0015
1,1,2,2-Tetrachloroethane	<RDL	0.0015
1,1,2-Trichloroethane	<RDL	0.0015
1,1-Dichloroethane	<RDL	0.0015
1,1-Dichloroethene	<RDL	0.0015
1,2-Dichlorobenzene	<RDL	0.0015
1,2-Dichloroethane	<RDL	0.0015
1,2-Dichloropropane	<RDL	0.0015
1,3-Dichlorobenzene	<RDL	0.0015
1,4-Dichlorobenzene	<RDL	0.0015
2-Butanone (MEK)	<RDL	0.015
2-Chloroethylvinyl ether	<RDL	0.0023
2-Hexanone	<RDL	0.015
4-Methyl-2-pentanone (MIBK)	<RDL	0.015
Acetone	<RDL	0.015
Benzene	<RDL	0.0015
Bromodichloromethane	<RDL	0.0015
Bromoform	<RDL	0.0015
Bromomethane	<RDL	0.0015
Carbon disulfide	<RDL	0.0015
Carbon tetrachloride	<RDL	0.0015
Chlorobenzene	<RDL	0.0015
Chloroethane	<RDL	0.0015
Chloroform	<RDL	0.0015
Chloromethane	<RDL	0.0015
cis-1,3-Dichloropropene	<RDL	0.0015
Dibromochloromethane	<RDL	0.0015
Ethylbenzene	<RDL	0.0015
Methylene chloride	0.0017	0.0015
Styrene	<RDL	0.0015
Tetrachloroethene	<RDL	0.0015
Toluene	<RDL	0.0015

trans-1,2-Dichloroethene	<RDL	0.0015
trans-1,3-Dichloropropene	<RDL	0.0015
Trichloroethene	<RDL	0.0015
Trichlorofluoromethane	<RDL	0.0015
Vinyl acetate	<RDL	0.023
Vinyl chloride	<RDL	0.00046
Xylenes (Total)	<RDL	0.0015

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	95	0
4-Bromofluorobenzene	98	0
Toluene-d8	99	0

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LABORATORY REPORT

Accura Sample ID #: AB32585 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker Date Sampled: 12/16/97

Client Contact: MICHAEL WARREN Date Received: 12/19/97

Client Project Number: 97042 Date Reported: 1/7/98

Client Project Name: HUNTER FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: AMB-17

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.7
Barium	<RDL	0.7
Chromium	<RDL	0.7
Lead	<RDL	0.7
Selenium	<RDL	0.7

Linda Dally

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LABORATORY REPORT

Accura Sample ID #: AB32586 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker Date Sampled: 12/16/97

Client Contact: MICHAEL WARREN Date Received: 12/19/97

Client Project Number: 97042 Date Reported: 1/7/98

Client Project Name: HUNTER FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: AMB-18

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.7
Barium	<RDL	0.7
Chromium	<RDL	0.7
Lead	1.0	0.7
Selenium	<RDL	0.7

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LABORATORY REPORT

Accura Sample ID #: AB32587 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker Date Sampled: 12/17/97

Client Contact: MICHAEL WARREN Date Received: 12/19/97

Client Project Number: 97042 Date Reported: 1/7/98

Client Project Name: HUNTER FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: AMB-19

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	<RDL	0.1
Selenium	<RDL	0.1

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LABORATORY REPORT

Accura Sample ID #: AB32588 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker Date Sampled: 12/17/97

Client Contact: MICHAEL WARREN Date Received: 12/19/97

Client Project Number: 97042 Date Reported: 1/7/98

Client Project Name: HUNTER FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: AMB-20

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.1
Barium	<RDL	0.1
Chromium	<RDL	0.1
Lead	0.1	0.1
Selenium	<RDL	0.1

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LABORATORY REPORT

Accura Sample ID #: AB32589 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker Date Sampled: 12/17/97

Client Contact: MICHAEL WARREN Date Received: 12/19/97

Client Project Number: 97042 Date Reported: 1/7/98

Client Project Name: HUNTER FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: PERSONAL 21A

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.00055
1,1,2,2-Tetrachloroethane	<RDL	0.00055
1,1,2-Trichloroethane	<RDL	0.00055
1,1-Dichloroethane	<RDL	0.00055
1,1-Dichloroethene	<RDL	0.00055
1,2-Dichlorobenzene	<RDL	0.00055
1,2-Dichloroethane	<RDL	0.00055
1,2-Dichloropropane	<RDL	0.00055
1,3-Dichlorobenzene	<RDL	0.00055
1,4-Dichlorobenzene	<RDL	0.00055
2-Butanone (MEK)	<RDL	0.0055
2-Chloroethylvinyl ether	<RDL	0.0011
2-Hexanone	<RDL	0.0055
4-Methyl-2-pentanone (MIBK)	<RDL	0.0055
Acetone	<RDL	0.0055
Benzene	<RDL	0.00055
Bromodichloromethane	<RDL	0.00055
Bromoform	<RDL	0.00055
Bromomethane	<RDL	0.00055
Carbon disulfide	<RDL	0.00055
Carbon tetrachloride	<RDL	0.00055
Chlorobenzene	<RDL	0.00055
Chloroethane	<RDL	0.00055
Chloroform	<RDL	0.00055
Chloromethane	<RDL	0.00055
cis-1,3-Dichloropropene	<RDL	0.00055
Dibromochloromethane	<RDL	0.00055
Ethylbenzene	<RDL	0.00055
Methylene chloride	0.0013	0.00055
Styrene	<RDL	0.00055
Tetrachloroethene	<RDL	0.00055
Toluene	<RDL	0.00055

trans-1,2-Dichloroethene	<RDL	0.00055
trans-1,3-Dichloropropene	<RDL	0.00055
Trichloroethene	<RDL	0.00055
Trichlorofluoromethane	<RDL	0.00055
Vinyl acetate	<RDL	0.011
Vinyl chloride	<RDL	0.00022
Xylenes (Total)	<RDL	0.00055

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	94	0
4-Bromofluorobenzene	100	0
Toluene-d8	99	0

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LABORATORY REPORT

Accura Sample ID #: AB32591 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker Date Sampled: 12/17/97

Client Contact: MICHAEL WARREN Date Received: 12/19/97

Client Project Number: 97042 Date Reported: 1/7/98

Client Project Name: HUNTER FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: PERSONAL 22A

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	0.00055
1,1,2,2-Tetrachloroethane	<RDL	0.00055
1,1,2-Trichloroethane	<RDL	0.00055
1,1-Dichloroethane	<RDL	0.00055
1,1-Dichloroethene	<RDL	0.00055
1,2-Dichlorobenzene	<RDL	0.00055
1,2-Dichloroethane	<RDL	0.00055
1,2-Dichloropropane	<RDL	0.00055
1,3-Dichlorobenzene	<RDL	0.00055
1,4-Dichlorobenzene	<RDL	0.00055
2-Butanone (MEK)	<RDL	0.0055
2-Chloroethylvinyl ether	<RDL	0.0011
2-Hexanone	<RDL	0.0055
4-Methyl-2-pentanone (MIBK)	<RDL	0.0055
Acetone	<RDL	0.0055
Benzene	<RDL	0.00055
Bromodichloromethane	<RDL	0.00055
Bromoform	<RDL	0.00055
Bromomethane	<RDL	0.00055
Carbon disulfide	<RDL	0.00055
Carbon tetrachloride	<RDL	0.00055
Chlorobenzene	<RDL	0.00055
Chloroethane	<RDL	0.00055
Chloroform	<RDL	0.00055
Chloromethane	<RDL	0.00055
cis-1,3-Dichloropropene	<RDL	0.00055
Dibromochloromethane	<RDL	0.00055
Ethylbenzene	<RDL	0.00055
Methylene chloride	0.0006	0.00055
Styrene	<RDL	0.00055
Tetrachloroethene	<RDL	0.00055
Toluene	<RDL	0.00055

trans-1,2-Dichloroethene	<RDL	0.00055
trans-1,3-Dichloropropene	<RDL	0.00055
Trichloroethene	<RDL	0.00055
Trichlorofluoromethane	<RDL	0.00055
Vinyl acetate	<RDL	0.011
Vinyl chloride	<RDL	0.00022
Xylenes (Total)	<RDL	0.00055

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	93	0
4-Bromofluorobenzene	103	0
Toluene-d8	98	0

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LABORATORY REPORT

Accura Sample ID #: AB32593 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker Date Sampled: 12/18/97

Client Contact: MICHAEL WARREN Date Received: 12/19/97

Client Project Number: 97042 Date Reported: 1/7/98

Client Project Name: HUNTER FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: AMB-23

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.7
Barium	<RDL	0.7
Chromium	<RDL	0.7
Lead	<RDL	0.7
Selenium	<RDL	0.7

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LABORATORY REPORT

Accura Sample ID #: AB32594 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker Date Sampled: 12/18/97

Client Contact: MICHAEL WARREN Date Received: 12/19/97

Client Project Number: 97042 Date Reported: 1/7/98

Client Project Name: HUNTER FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: AMB-24

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.7
Barium	<RDL	0.7
Chromium	<RDL	0.7
Lead	<RDL	0.7
Selenium	<RDL	0.7

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LABORATORY REPORT

Accura Sample ID #: AB32595 **Accura Project #: 15098**

Client: Omega Env. Services - Tucker Date Sampled: 12/16/97

Client Contact: MICHAEL WARREN Date Received: 12/19/97

Client Project Number: 97042 Date Reported: 1/7/98

Client Project Name: HUNTER FIRE TRAINING CENTER Sample Matrix: AIR

Client Sample ID: METHOD BLANK

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/7/98 Date Ext/Dig/Prep: 1/6/98 Result Units: ug/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.7
Barium	<RDL	0.7
Chromium	<RDL	0.7
Lead	<RDL	0.7
Selenium	<RDL	0.7

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	5
1,1,2,2-Tetrachloroethane	<RDL	5
1,1,2-Trichloroethane	<RDL	5
1,1-Dichloroethane	<RDL	5
1,1-Dichloroethene	<RDL	5
1,2-Dichlorobenzene	<RDL	5
1,2-Dichloroethane	<RDL	5
1,2-Dichloropropane	<RDL	5
1,3-Dichlorobenzene	<RDL	5
1,4-Dichlorobenzene	<RDL	5
2-Butanone (MEK)	<RDL	50
2-Chloroethylvinyl ether	<RDL	10
2-Hexanone	<RDL	50
4-Methyl-2-pentanone (MIBK)	<RDL	50
Acetone	<RDL	50
Benzene	<RDL	5
Bromodichloromethane	<RDL	5
Bromoform	<RDL	5
Bromomethane	<RDL	5
Carbon disulfide	<RDL	5
Carbon tetrachloride	<RDL	5

Chlorobenzene	<RDL	5
Chloroethane	<RDL	5
Chloroform	<RDL	5
Chloromethane	<RDL	5
cis-1,3-Dichloropropene	<RDL	5
Dibromochloromethane	<RDL	5
Ethylbenzene	<RDL	5
Methylene chloride	<RDL	5
Styrene	<RDL	5
Tetrachloroethene	<RDL	5
Toluene	<RDL	5
trans-1,2-Dichloroethene	<RDL	5
trans-1,3-Dichloropropene	<RDL	5
Trichloroethene	<RDL	5
Trichlorofluoromethane	<RDL	5
Vinyl acetate	<RDL	100
Vinyl chloride	<RDL	2
Xylenes (Total)	<RDL	5

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/29/97 Date Ext/Dig/Prep: 12/29/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	87	0
4-Bromofluorobenzene	98	0
Toluene-d8	100	0

Linda Dalla

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trans-1,2-Dichloroethene	<RDL	250
trans-1,3-Dichloropropene	<RDL	250
Trichloroethene	<RDL	250
Trichlorofluoromethane	<RDL	250
Vinyl acetate	<RDL	5000
Vinyl chloride	<RDL	100
Xylenes (Total)	<RDL	250

ANALYSIS: X VOC QC Surrogates (Air) Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	103	0
4-Bromofluorobenzene	92	0
Toluene-d8	93	0

Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477
FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB32344 **Accura Project #: 15075**

Client: Omega Env. Services - Tucker
Client Contact: LEON LABBON
Client Project Number: 97041
Client Project Name: FIRE TRAINING CENTER
Client Sample ID: BLANK

Date Sampled: 12/5/97
Date Received: 12/12/97
Date Reported: 1/7/98
Sample Matrix: AIR

ANALYSIS: VOC's in Air Method Ref: 5030A/8260A

Date Analyzed: 12/23/97 Date Ext/Dig/Prep: 12/23/97 Result Units: mg/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	250
1,1,2,2-Tetrachloroethane	<RDL	250
1,1,2-Trichloroethane	<RDL	250
1,1-Dichloroethane	<RDL	250
1,1-Dichloroethene	<RDL	250
1,2-Dichlorobenzene	<RDL	250
1,2-Dichloroethane	<RDL	250
1,2-Dichloropropane	<RDL	250
1,3-Dichlorobenzene	<RDL	250
1,4-Dichlorobenzene	<RDL	250
2-Butanone (MEK)	<RDL	2500
2-Chloroethylvinyl ether	<RDL	500
2-Hexanone	<RDL	2500
4-Methyl-2-pentanone (MIBK)	<RDL	2500
Acetone	<RDL	2500
Benzene	<RDL	250
Bromodichloromethane	<RDL	250
Bromoform	<RDL	250
Bromomethane	<RDL	250
Carbon disulfide	<RDL	250
Carbon tetrachloride	<RDL	250
Chlorobenzene	<RDL	250
Chloroethane	<RDL	250
Chloroform	<RDL	250
Chloromethane	<RDL	250
cis-1,3-Dichloropropene	<RDL	250
Dibromochloromethane	<RDL	250
Ethylbenzene	<RDL	250
Methylene chloride	<RDL	250
Styrene	<RDL	250
Tetrachloroethene	<RDL	250
Toluene	<RDL	250

* Fax Copy of Results to 409-874-6263 770-934-2451 12793

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: Omega Environmental Services
Address: 4661 Hammermill rd Tucker GA 30084
Report Sent to: (Client Contact): Michael Warren / John Mount
Contact Phone # 770-621-9414 Fax # 770-934-2451
Project Name: Hunter Fire training Center
Project Number: 97041

Billing address: Same
Client P.O. #

For Laboratory Use Only
Custody Seal: Y N Page 1 OF 1
QC Level: N 1 2 3 4 Init/Temp: 20 °C m
Sample Condition: Good AAL Lab Project # 15413

Samplers: (signature): Michael Warren
Samplers: (printed): Michael Warren

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	ANALYSIS: Ph, Gr, Bz, Se	Remarks	Accura Sample ID No. AB
AmB 25	1/21/98					upwind	1	↑	12 lpm start 0900 stop 1600	35612
AmB 26	1/21/98					downwind	1	↑	12 lpm start 0900 stop 1600	35613
Blank	1/21/98					—	1	—	—	35614

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Michael Warren	1730 1-21-98	Fed Ex		
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**
		Michael Trinidad	1-22-98/0930	

Matrix Codes (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2 XLS

ACCURA ANALYTICAL LABORATORY, INC.
6017 Financial Drive, Norcross, Georgia, 30071, Phone (770)449-8800

CASE NARRATIVE for Project Number: 15413
Client Project: Hunter Fire Training Center / 97041

No problems were encountered with this project.

Quality Assurance

Client Services Representative

ACCURA ANALYTICAL LABORATORY, INC.

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LABORATORY REPORT

Accura Sample ID #: AB35612 **Accura Project #: 15413**

Client: Omega Env. Services - Tucker

Client Contact: MICHAEL WARREN

Client Project Number: 97041

Client Project Name: HUNTER FIRE TRAINING CENTER

Client Sample ID: AMB-25

Date Sampled: 1/21/98

Date Received: 1/22/98

Date Reported: 2/2/98

Sample Matrix: AIR CART

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/29/98 Date Ext/Dig/Prep: 1/27/98 Result Units: mg/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.000099
Barium	<RDL	0.00099
Chromium	<RDL	0.000099
Lead	<RDL	0.000099
Selenium	<RDL	0.000099

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LABORATORY REPORT

Accura Sample ID #: AB35613 **Accura Project #: 15413**

Client: Omega Env. Services - Tucker
Client Contact: MICHAEL WARREN
Client Project Number: 97041
Client Project Name: HUNTER FIRE TRAINING CENTER
Client Sample ID: AMB-26

Date Sampled: 1/21/98
Date Received: 1/22/98
Date Reported: 2/2/98
Sample Matrix: AIR CART

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/29/98 Date Ext/Dig/Prep: 1/27/98 Result Units: mg/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.000099
Barium	<RDL	0.00099
Chromium	<RDL	0.000099
Lead	<RDL	0.000099
Selenium	<RDL	0.000099

Accura Analytical Laboratory, Inc.

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB35614 **Accura Project #: 15413**

Client: Omega Env. Services - Tucker Date Sampled: 1/21/98

Client Contact: MICHAEL WARREN Date Received: 1/22/98

Client Project Number: 97041 Date Reported: 2/2/98

Client Project Name: HUNTER FIRE TRAINING CENTER Sample Matrix: AIR CART

Client Sample ID: BLANK

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/29/98 Date Ext/Dig/Prep: 1/27/98 Result Units: mg/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.000099
Barium	<RDL	0.00099
Chromium	<RDL	0.000099
Lead	<RDL	0.000099
Selenium	<RDL	0.000099

Accura Analytical Laboratory, Inc.

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB35615 **Accura Project #: 15413**

Client: Omega Env. Services - Tucker Date Sampled: 1/21/98

Client Contact: MICHAEL WARREN Date Received: 1/22/98

Client Project Number: 97041 Date Reported: 2/2/98

Client Project Name: HUNTER FIRE TRAINING CENTER Sample Matrix: AIR CART

Client Sample ID: METHOD BLANK

ANALYSIS: Metals in Air Method Ref: 7300/6010A

Date Analyzed: 1/29/98 Date Ext/Dig/Prep: 1/27/98 Result Units: mg/m3

Analyte Name	Analytical Results	Reported Detection Limits
Arsenic	<RDL	0.000099
Barium	<RDL	0.00099
Chromium	<RDL	0.000099
Lead	<RDL	0.000099
Selenium	<RDL	0.000099

Accura Analytical Laboratory, Inc.

Sample ID

12-5-97

- Sample (1) 25 micron MCE Disk (amb 1 upwind)
- Sample (2) 25 micron MCE Disk (AMB 2 downwind)
- Sample (3a) activated carbon (AMB 3A upwind)
  (3b) activated Carbon (AMB 3B Backup upwind)
- Sample (4a) activated Carbon (AMB 4A downwind)
  (4b) activated (AMB 4B Backup downwind)

12-8-97

- Sample 5 25mm MCE Disk (amb 5 up wind)
- Sample 6 25 mm MCE Disk (amb 6 downwind)
- Sample 7a Activated Carbon (amb 7A upwind)
  7b Activated Carbon (AMB 7b Backup)
- Sample 8a Activated Carbon (AMB 8a downwind)
  8b Activated Carbon (AMB 8b Backup)

Sample ID

Sample 9a Activated Carbon (9a Personell)
9b " " (9b P., Backup)

Sample 10a Activated Carbon (10a Personel)
10b " " (10b P., Backup)

Sample 11 0.8u MCE (AMB 11 upwind)
Sample Point A

Sample 12 0.8u MCE (AMB 12 downwind)
sample point A

12/16/92 Sample 13 0.8 MCE (AMB 13 upwind)
tank Dest.

Sample 14 0.8 MCE (AMB 14 downwind)
Tank dest

Sample 15a activeated Carbon (15a Personel)
tank dest. 15b (15b Perom

Sample 16a active carbon (16aP tank Destroyed
16b active carbon (16bP

Sample 17 0.8 MCE (amB 17 ap)
Pad Soil removal start: 1300 - 1400

Sample 18 0.8 MCE (amB 18 down)
Pad Soil removal start: 1300-1400

12-17-97 Sample 19 0.8 MCE (amB 19
start 1000 - 1600

Sample 20 0.8 MCE (amB 20
Start 1000 - 1600

Sample 21a active Carbon (21a Personal Tank dest.)
start: 1000
21b stop: 1600 (21b Personal Backup

Sample 22a active Carbon (22a P
start: 1000
22b stop: 1600 (22b P

Pad Cleaning / Pressure Washing

12-18-97 Sample 23 0.8 MCE (AMB 23) down
start 0810 stop 1500 12 Lpm

Sample 24 0.8 MCE (AMB 24) up
start 0810 stop 1500 12 Lpm

01-21-98 Sample 25 0.8 MCE (AMB 25 up 12 Lpm
start 0900 stop 1600

Sample 26 0.8 MCE (AMB 26 Down 12 Lpm
start 0900 stop 1600

~~Sample 27a activated carbon personal start~~
~~27b " " Backup stop~~

~~Sample 28a activated carbon personal start~~
~~28b " " Backup stop~~

12-5-97

amB 1 Perimeter monitoring
amB 2 " "
amB 03 a+B " "
amB 04 a+B " "
* see Sample ID section

12-8-97

amB 5 Perimiter monitoring
amB 6 " "
amB 07 a+B " "
amB 08 a+B " "
* See sample ID section

12-9-97

Prepratory meeting discuss
Frequency of monitoring
- Constant monitoring record 30 min intervals

12-11-97

Cleaning operations on AST's

simulated aircraft - LEL = 0%

O^2 = 20.9

Aluminum Tank - LEL = 0%

O^2 = 20.9

HNU readings during cleaning aircraft

0800 - 0 ppm 0830 - 0 ppm 0900 - 0 ppm

0930 - 0 ppm 1000 - 1.2 ppm 1100 - 0 ppm

all cleaning ~~dec~~ finished.

Particulate monitor during clean/out aircraft

0800 - .10 0830 - .13 0900 - .09

0930 - .15 1000 - .05 1030 - .11

1100 - .12

all preformed in Level C

12-16-97

Aluminum tank cleaning operation

Alumi tank LEL 0%
O^2 20.9

HNU readings during Cleaning
0730 - 0 ppm 0800 - 0 ppm 0830 - 0ppm
0900 - 0ppm - 1000 0ppm

Particulate Monitor readings
0730 - .11 0800 - 30.0 0830 - .05
0900 - .05 0930 - .03 1000 - .01

* at 0800 reading were high
Control measure performed
was using water as
Dust control

Operation was in Level C
personnel monitoring and up and
down wind monitoring was performed.

12-17-97

Continued cutting AST's and railing

tanks completily cleaned and
end were removed previousily

cutting permit issued By
Fire department to cut tank
into pieces.

HNU readings were Øppm's
From 0745 to 1600 hrs.

Particulate monitor readings
0800 - .05 0830 - .01 0900 - .05
0930 ⟷ 1600 = .01

Perimiter monitoring also used.
Level C PPE.

12-18-97

Pad cleaning operation

up + down wind perimeter monitoring

HNU readings

0730 - 10 ppm 0800 - 7 ppm

0830 - 15 ppm 0900 - 5 ppm

0930 - Ø ppm 1000 - Ø ppm

1030 - Ø ppm 1100 - Ø ppm

1300 - Ø ppm 1330 - Ø ppm

1400 - Ø ppm ⟷ 1600 - Ø ppm

Particulate readings

Between .01 and .05

all day

Level C ~~operations~~

12-19-97

Sweep Pad + Clean sump

Personnel in Level C

No ppm detected with HNU until sump cleaning

HNU sump cleaning reading

1300 - 15ppm 1330 - 20ppm

1400 - 5ppm 1430 - 0ppm

0 particulates detected all day (Weather misty)

1-5-98

Pressure wash staining in Samp
Begin Demo pad

HNU (PID) reading 0 ppm
during all work.

Particulate monitoring
range .01 ← thru → .05

1-6-98

Pad Demo + Hand dig
utilities.

HNU readings
- 0 ppm during Pad Demo
- 1 ppm ambient readings while
Hand digging utilities.
- Head space readings on soil
with PID 30 ppm

1-7-98

Sump removal / Haul of metal

- 0 ppm ambient readings during Sump removal.

- .01 - .03 Particulate readings during Sump removal

1-9-98

No ambient ppm or particulate readings detected (High moisture)

01/12/98

"Excavation of Contaminate Soil"

PID reading < ambient.

~~[illegible]~~ 1230 — Lunch - 1330 1400 1430

* reading ambient 5.0 - 12.0 ppm.

1500 1530 1600 1630 1700

* Same as above ——→|

particulate meter

range .01 - .05 continued

Benzene not detected with tubes.

1-13-98

Hauled off concrete /
continued excavating soil.

HNU (PID) readings
0ppm with a few readings
of 1.5 ppm.

Particulate monitor readings
no readings over .05.

1-20-98

0ppm ambient air perimiter
1 ppm around excavator and
cabs of the trucks.
* excavation had readings
of above >20ppm <> <50ppm
no personnel were alowed
in excavation.

1-21-98

up and down wind monitoring performed. Chain of Custody attached

No ambient reading detected w/ PID.

1-22-98

Load out of Soil

ambient readings w/ PID range 0 ppm to 1.5 ppm

No readings from particulate monitor.

1-26-98

Load out of Soil and Drums.

0 ppm detected w/ PID.

High moisture no particulates.

1-29-98

Ambient readings were low 1 ppm is the highest detection.

Particulate monitor detection range .02 - .05.

1-30-98

Ambient reading w/ PID

0700	0900	1100	1300
1.2	3.5	1.5	5 ppm

at 4 ppm a Benzene tube was used results non-detect.

2-5-98

PID reading were Below 2ppm in ambient air.

In the excavation PID reading were 5ppm

Benzene tube = non-detect.

2-12-98

Ambient air readings are
0 ppm.

Particulate readings not over
.01

2-13-98

0 ppm ambient air readings.

0 particulate readings.

2-17-98

0 ppm detected w/ PID

0 particulates detected.

2-18-98

no ~~0~~ ppm detected
~~0~~ particalates

2-19-98

Load out soil / ppm not
over 1.2 ambient air

2-20-98

Ambient air monitoring remains
Low range 0 ppm - 1.2 ppm

2-23-98

Ambient air monitoring remains
Low range 0 ppm - 1.2 ppm

2-26-98

Confirmatory sampling in excavation

Work space monitoring remained low range 0ppm — 3.5 ppm

2-27-98

Work space monitoring for surveyors.

0 ppm Detected w/ PID

3-2-98

Work space monitoring for Confirmatory sampling team

No reading above 5ppm.

WHITAKER LABORATORY INC.
P.O. BOX 7081
SAVANNAH, GEORGIA 31418
2500 TREMONT RD. FAX 912/233-5061 912/234-0696

REPORT NO. 3/10/98-2 Test made DATE: 3/9

CLIENT: Omega Environmental Services fill

PROJECT: Fire Training Center
Hunter Army Airfield
Geosciences Job#MCE-97-626A

FIELD DENSITY REPORT

NO.	% MOISTURE	DRY PCF	% COMPACTION	% COMP. REQ.	1-PT. PROCTOR
29	22.6	93.8	97.8	all tests	all tests
30	21.0	94.8	98.7	90	96.0
31	19.9	95.9	99.9		

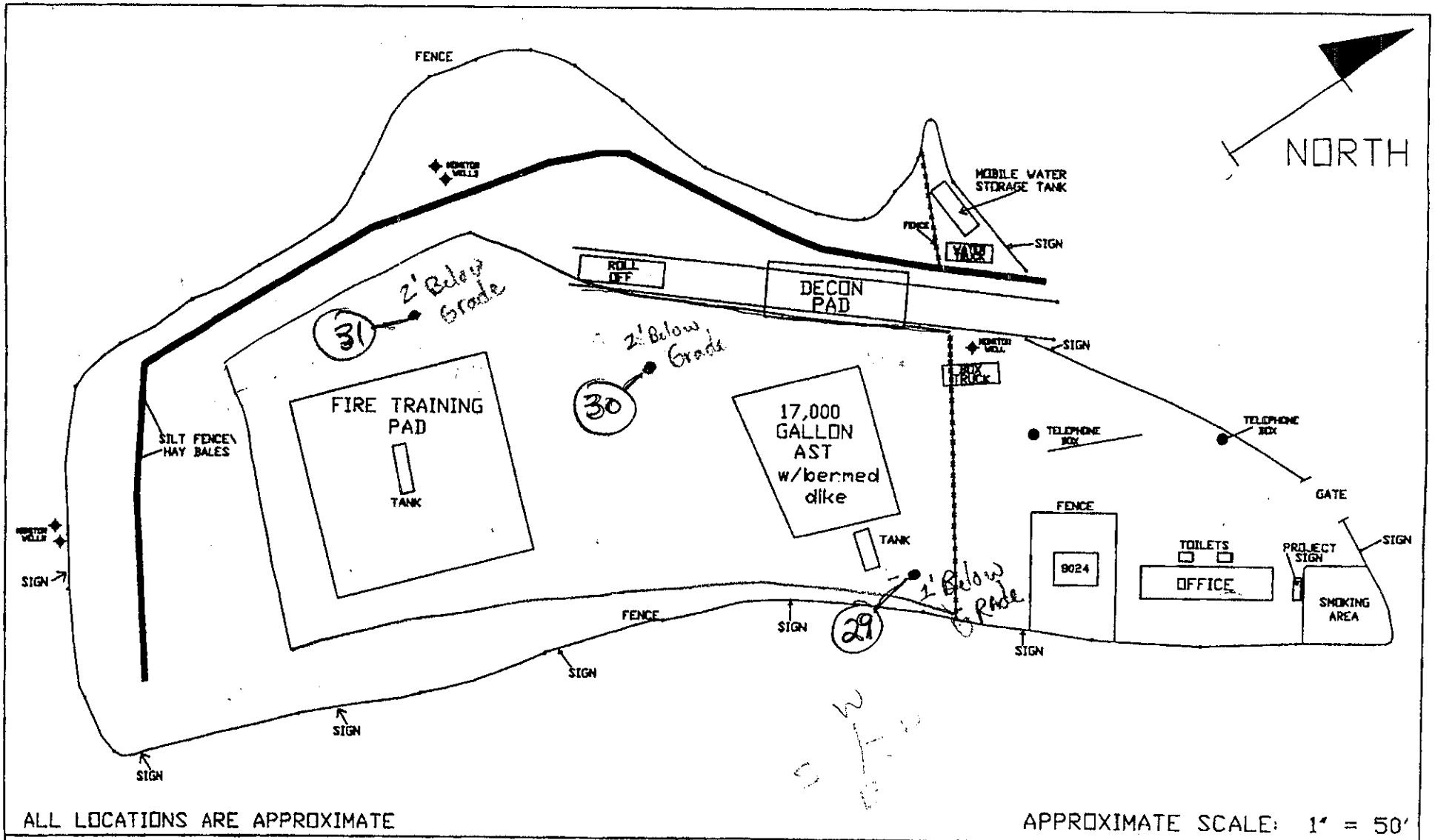
LOCATIONS & ELEVATIONS

29. NE corner of pit, 1' below grade
30. Center W. side of pit, 2' below grade
31. SW corner of pit, 2' below grade

WHITAKER LABORATORY, INC.

by: _____
J. M. Whitaker

1 cc: Omega Environmental Services
Attn: John Mount
4661 Hammermill Rd. Ste B
Tucker, GA 30084
Phone 770/621-9414
FAX: 692-0508 Attn: John Fleming
1 cc: File



ALL LOCATIONS ARE APPROXIMATE

APPROXIMATE SCALE: 1" = 50'

FIGURE 1

BASEMAP

FIRE TRAINING CENTER
HUNTER ARMY AIRFIELD
GEOSCIENCES JOB NO. MCE-97-626A

GEOSCIENCES, inc.

SUMMARY OF FIELD DENSITY TESTS

TEST NO.	DATE MADE 1998	1. TYPE TEST	LOCATION OF TEST	EXCAVATION OR BORROW SOURCE	2. SOIL CLASS	FIELD IN-PLACE DATA: DRY DENSITY	FIELD IN-PLACE DATA: % MOISTURE	LABORATORY TEST DATA: ONE-POINT COMP. TEST WITH FAMILY OF CURVES: MAX. DRY DENSITY	LABORATORY TEST DATA: ONE-POINT COMP. TEST WITH FAMILY OF CURVES: OPT. MOIST. %	LABORATORY TEST DATA: ONE-POINT COMP. DRY (4" MOLD): 1. MAX. DRY DENSITY	FIELD AND LAB CORRELATION: 4. VAR. FROM OPT. + OR -	FIELD AND LAB CORRELATION: PERCENT COMPACTION	FIELD AND LAB CORRELATION: SPECIFIED COMPACTION	COMMENTS ON TEST
29	3/9		1' BELOW GRADE N.E. CORNER of Pit			93.8	22.6	96.0	20.3		+2.3	97.8	90	
30	3/9		2' BELOW GRADE CENTER W. SIDE of Pit			94.8	21.0	96.0	20.3		+0.7	98.7		
31	3/9		2' BELOW GRADE S.W. CORNER of Pit			95.9	19.9	96.0	20.3		-0.4	99.9		

1. Sand Volume (SV), Moisture Content (MC)
2. When Soil Class. is estimated, note by letter (E).
3. This method is used for control of sandy/cohesionless materials exhibiting flate or reversed shape compation curves.
4. Enter Difference from Optimum Moisture to Field Moisture.

COMPACTION DETERMINATION SAND CONE METHOD & ONE POINT COMPACTION TEST			DATE 3-9-98	
NAME Hunter Army Airfield				
PROJECT Fire Training Center Omega Const.			CONTRACT NO.	
Test No.	#29 Test		#30 Test	
Area i.e., Subgrade, site fill, backfill	NE Corner Pit		Center W. Side Pit	
Station				
Offset				
Elevation	1' Below Grade		2' Below Grade	
(A) Initial Wt. Jar & Sand	12.31		12.68	
(B) Wt. Jar & Sand Retained	3.90		4.26	
(C) Wt. Sand Used (A-B)	8.41		8.42	
(D) Wt. Sand in Cone & Plate	3.48		3.48	
(E) Sand Used in Hole (C-D)	4.93		4.94	
(F) Wt. Sand Per Cu. Ft.	86.6		86.6	
(G) Vol. Hole (E ÷ F)	0.0569		0.0570	
(H) Wet Wt. Rock & Soil	7.20		7.17	
(I) Wt. Container	0.65		0.63	
(J) Wet Wt. Soil & Rock (H-I)	6.55		6.54	
(K) Wt. Rock	0		0	
(L) Wet Wt. Soil (J-K)	6.55		6.54	
(M) Volume Rock $\left(\frac{K}{\text{Sp. Gr. X } 62.4}\right)$*	0		0	
(N) Adjusted Volume of Hole (G-M)*	0.0569		0.0570	
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	115.1		114.7	
MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P) Wet Wt. Moist. Sample		200.0		200.0
(Q) Dry Wt. Moist. Sample		163.1		165.3
(R) Wt. Water (P-Q)		36.9		34.7
(S) % Moisture (R ÷ Q)		22.6		21.0
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S + 100}\right)$		93.8		94.8
(U) Optimum Moisture		20.3		20.3
(V) Maximum Density		96.0		96.6
% Compaction (T ÷ V)		97.8%		98.7%
Difference from Optimum + or -		+2.3		+0.7
* Correction for + #4 Fraction			TESTED BY Joe Lindbom	

ONE OR TWO POINT COMPACTION TEST

Mold constant STD Compaction Test 25 Blows per each of 3 layers with 5.5 lb. rammer 12 inch drop 4 inch dia. mold

Test No.	#29 Test		#30 Test					
1. Weight of Wet Soil + Mold	13.14		13.18					
2. Weight of Mold	9.42		9.42					
3. Weight of Wet Soil (1-2)	3.72		3.76					
4. Wet Unit Weight lb./cu. ft. $= \left(\frac{\text{Wt. Wet Soil}}{\text{Vol. of Soil Sample}}\right)$	111.6		112.8					
MOISTURE DETERMINATION (SEE NOTE)	RAPID	OVEN	RAPID	OVEN	RAPID	OVEN	RAPID	OVEN
5. Wet Weight Moisture Sample		200.0		200.0				
6. Dry Weight Moisture Sample		163.4		164.1				
7. Weight Water (5-6)		36.6		35.9				
8. % Moisture (7 ÷ 6)		22.4		21.8				
9. Dry Unit Weight $\left(\frac{4}{8 + 100}\right)$		91.1		92.6				

Plot Items 8 and 9 on appropriate family of 5 point compaction curves to determine optimum moisture content and maximum density. Enter these values on the front form.

NOTE: Any rapid method of moisture determination may be used provided the results are compatible with the oven method. Preliminary results may be determined for moisture contents obtained by the Rapid Method; however, final results must be obtained using moisture contents determined from the oven method. In the event of a conflict, the results using the oven method take precedence.

COMPACTION DETERMINATION SAND CONE METHOD & ONE POINT COMPACTION TEST			DATE 3-9-98	
NAME Hunter Army Airfield				
PROJECT Fire Training Center Omega Const.			CONTRACT NO.	
Test No.	#21			
Area i.e., Subgrade, site fill, backfill	SW Corner Pit			
Station				
Offset				
Elevation	2' Below Grade			
(A) Initial Wt. Jar & Sand	12.71			
(B) Wt. Jar & Sand Retained	4.14			
(C) Wt. Sand Used (A-B)	8.57			
(D) Wt. Sand in Cone & Plate	3.48			
(E) Sand Used in Hole (C-D)	5.09			
(F) Wt. Sand Per Cu. Ft.	86.6			
(G) Vol. Hole (E ÷ F)	0.0587			
(H) Wet Wt. Rock & Soil	7.39			
(I) Wt. Container	0.64			
(J) Wet Wt. Soil & Rock (H-I)	6.75			
(K) Wt. Rock	~~0~~			
(L) Wet Wt. Soil (J-K)	6.75			
(M) Volume Rock $\left(\frac{K}{Sp.\ Gr.\ X\ 62.4}\right)$*	~~0~~			
(N) Adjusted Volume of Hole (G-M)*	0.0587			
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	115.0			
MOISTURE DETERMINATION (See Note)	**RAPID**	**OVEN**	**RAPID**	**OVEN**
(P) Wet Wt. Moist. Sample		200.0		
(Q) Dry Wt. Moist. Sample		166.8		
(R) Wt. Water (P-Q)		33.2		
(S) % Moisture (R ÷ Q)		19.9		
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S+100}\right)$		95.9		
(U) Optimum Moisture		20.3		
(V) Maximum Density		96.0		
% Compaction (T ÷ V)		99.9 %		
Difference from Optimum + or -		-0.4		
* Correction for + #4 Fraction			TESTED BY Joe Lindbom	

ONE OR TWO POINT COMPACTION TEST

Mold constant STD Compaction Test 25 Blows per each of 3 layers with 5.5 lb. rammer 12 inch drop 4 inch dia. mold

Test No.	# 31 Test							
1. Weight of Wet Soil + Mold	13.26							
2. Weight of Mold	9.42							
3. Weight of Wet Soil (1-2)	3.84							
4. Wet Unit Weight lb./cu. ft. $= \left(\frac{\text{Wt. Wet Soil}}{\text{Vol. of Soil Sample}}\right)$	115.2							
MOISTURE DETERMINATION (SEE NOTE)	RAPID	OVEN	RAPID	OVEN	RAPID	OVEN	RAPID	OVEN
5. Wet Weight Moisture Sample		200.0						
6. Dry Weight Moisture Sample		166.0						
7. Weight Water (5-6)		34.0						
8. % Moisture (7 ÷ 6)		20.4						
9. Dry Unit Weight $\left(\frac{4}{8+100}\right)$		95.6						

Plot Items 8 and 9 on appropriate family of 5 point compaction curves to determine optimum moisture content and maximum density. Enter these values on the front form.

NOTE: Any rapid method of moisture determination may be used provided the results are compatible with the oven method. Preliminary results may be determined for moisture contents obtained by the Rapid Method; however, final results must be obtained using moisture contents determined from the oven method. In the event of a conflict, the results using the oven method take precedence.

WHITAKER LABORATORY INC.
P.O. BOX 7081
SAVANNAH, GEORGIA 31418
2500 TREMONT RD. FAX 912/233-5061 912/234-0696

REPORT NO. 3/6/98-7 Test made DATE: 3/4/98

CLIENT: Omega Environmental Services Fill

PROJECT: Fire Training Center, HAAF
Geosciences Job# MCE-97-626A

FIELD DENSITY REPORT

NO.	% MOISTURE	DRY PCF	% COMPACTION	% COMP. REQ.	PROCTOR
1	19.1	99.5	97.9	All tests	101.6
2	16.8	97.6	96.8	90	100.8
3	17.5	99.1	98.3		100.8
4	19.2	98.4	97.6		100.8
5	18.5	99.8	99.0		100.8
6	16.8	97.3	96.5		100.8

NO.	% MOISTURE	DRY PCF	% COMPACTION	% COMP. REQ.	ONE-PROCTOR PROCTOR
7	18.6	94.1	98.0		96.0
8	17.6	92.8	96.7		96.0
9	17.8	92.1	95.9		96.0
10	16.8	91.0	94.8		96.0
11	15.8	92.9	96.8		96.0
12	16.6	94.2	98.1		96.0
13	16.4	94.3	98.2		96.0
14	14.7	91.5	95.3		96.0
15	15.6	92.8	96.7		96.0
16	16.5	93.5	97.4		96.0

LOCATIONS & ELEVATIONS

1-2	See the attached sketch for approx. locations, 7' below grade
3-6	See the attached sketch for approx. locations, Subgrade 0-6
7-8	See the attached sketch for approx. locations, 6' below grade
9-10	See the attached sketch for approx. locations, 5' below grade
11-13	See the attached sketch for approx. locations, 4' below grade
14	See the attached sketch for approx. locations, 3' below grade
15	See the attached sketch for approx. locations, 4' below grade
16	See the attached sketch for approx. locations, 3' below grade

NOTE: One-point proctors wre performed at each location to match with the correct moisture-density curve.

Tests taken by Joe Lindbom

WHITAKER LABORATORY, INC.

by: _____
J. M. Whitaker

1 cc: Omega Environmental Services
Attn: John Mount
4661 Hammermill Road
Suite B
Tucker, GA 30084
Fax# 692-0508 - John Fleming
(770) 621-9414
1 cc: File

COMPACTION DETERMINATION SAND CONE METHOD & ONE POINT COMPACTION TEST			DATE 3-4-99	
NAME Hunter Army Airfield				
PROJECT Fire Training Center (Green Coast)			CONTRACT NO.	
Test No.	#5 Test		#6 Test	
Area i.e., (Subgrade) site fill, backfill	*SE Corner-Pit		*NW Corner- Pit	
Station				
Offset				
Elevation				
(A) Initial Wt. Jar & Sand	12.16		12.13	
(B) Wt. Jar & Sand Retained	3.18		3.00	
(C) Wt. Sand Used (A-B)	8.98		9.13	
(D) Wt. Sand in Cone & Plate	3.48		3.48	
(E) Sand Used in Hole (C-D)	5.50		5.65	
(F) Wt. Sand Per Cu. Ft.	86.6		86.6	
(G) Vol. Hole (E ÷ F)	0.0635		0.0652	
(H) Wet Wt. Rock & Soil	8.17		8.05	
(I) Wt. Container	0.66		0.64	
(J) Wet Wt. Soil & Rock (H-I)	7.51		7.41	
(K) Wt. Rock	⊖		⊖	
(L) Wet Wt. Soil (J-K)	7.51		7.41	
(M) Volume Rock $\left(\frac{K}{\text{Sp. Gr. X } 62.4}\right)$*	⊖		⊖	
(N) Adjusted Volume of Hole (G-M)*	0.0635		0.0652	
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	118.3		113.7	
MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P) Wet Wt. Moist. Sample		200.0		200.0
(Q) Dry Wt. Moist. Sample		168.8		171.2
(R) Wt. Water (P-Q)		31.2		28.8
(S) % Moisture (R ÷ Q)		18.5		16.8
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S + 100}\right)$		99.8		97.3
(U) Optimum Moisture		20.3		20.3
(V) Maximum Density		100.8		101.6
% Compaction (T ÷ V)		99.0		95.8%
Difference from Optimum + or -		-1.8		-3.5
* Correction for + #4 Fraction			TESTED BY Joe Lindbom	

COMPACTION DETERMINATION
SAND CONE METHOD & ONE POINT COMPACTION TEST

DATE 3-4-98

NAME Hunter Army Airfield

PROJECT Fire Training Center (Omega Const)

CONTRACT NO.

	Test No.	3 Test		4 Test
	Area i.e., (Subgrade) site fill, backfill	Center of W. Side		Center of E. Side
	Station	Pit		Pit
	Offset			
	Elevation			
(A)	Initial Wt. Jar & Sand	11.40		11.86
(B)	Wt. Jar & Sand Retained	3.26		3.61
(C)	Wt. Sand Used (A-B)	8.14		8.25
(D)	Wt. Sand in Cone & Plate	3.48		3.48
(E)	Sand Used in Hole (C-D)	4.66		4.77
(F)	Wt. Sand Per Cu. Ft.	86.6		86.6
(G)	Vol. Hole (E ÷ F)	0.0538		0.0550
(H)	Wet Wt. Rock & Soil	6.92		7.11
(I)	Wt. Container	0.65		0.66
(J)	Wet Wt. Soil & Rock (H-I)	6.27		6.45
(K)	Wt. Rock	⊖		⊖
(L)	Wet Wt. Soil (J-K)	6.27		6.45
(M)	Volume Rock $\left(\frac{K}{\text{Sp. Gr. X } 62.4}\right)$*	⊖		⊖
(N)	Adjusted Volume of Hole (G-M)*	0.0538		0.0550
(O)	Wet Wt. Soil/Cu. Ft. (L ÷ N)	116.5		117.3
	MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P)	Wet Wt. Moist. Sample		200.0		200.0
(Q)	Dry Wt. Moist. Sample		170.2		167.8
(R)	Wt. Water (P-Q)		29.8		32.2
(S)	% Moisture (R ÷ Q)		17.5		19.2
(T)	Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S + 100}\right)$		99.1		98.4
(U)	Optimum Moisture		20.3		20.3
(V)	Maximum Density		100.8		100.8
	% Compaction (T ÷ V)		98.3%		97.6%
	Difference from Optimum + or -		-2.8		-1.1

* Correction for + #4 Fraction

TESTED BY Joe Lindbom

COMPACTION DETERMINATION SAND CONE METHOD & ONE POINT COMPACTION TEST			DATE 3-4-98	
NAME Hunter Army Airfield				
PROJECT Fire Training Area (Omega Const)			CONTRACT NO.	
Test No.	(1) Test		(2) Test	
Area i.e., (Subgrade), site fill, backfill	SE Corner Tank Pad		NW Corner Tank Pad	
Station				
Offset				
Elevation	7' Below Grade		7' Below Grade	
(A) Initial Wt. Jar & Sand	10.73		11.76	
(B) Wt. Jar & Sand Retained	3.69		3.33	
(C) Wt. Sand Used (A-B)	7.04		8.43	
(D) Wt. Sand in Cone & Plate	3.48		3.48	
(E) Sand Used in Hole (C-D)	3.56		4.95	
(F) Wt. Sand Per Cu. Ft.	86.6		86.6	
(G) Vol. Hole (E ÷ F)	0.041		0.0571	
(H) Wet Wt. Rock & Soil	5.52		7.15	
(I) Wt. Container	0.66		0.64	
(J) Wet Wt. Soil & Rock (H-I)	4.86		6.51	
(K) Wt. Rock	Θ		Θ	
(L) Wet Wt. Soil (J-K)	4.86		6.51	
(M) Volume Rock $\left(\frac{K}{\text{Sp. Gr. X } 62.4}\right)$*	Θ		Θ	
(N) Adjusted Volume of Hole (G-M)*	0.041		0.0571	
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	118.5		114.0	
MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P) Wet Wt. Moist. Sample		200.0		200.0
(Q) Dry Wt. Moist. Sample		167.9		171.2
(R) Wt. Water (P-Q)		32.1		28.8
(S) % Moisture (R ÷ Q)		19.1		16.8
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S + 100}\right)$		99.5		97.6
(U) Optimum Moisture		20.3		20.3
(V) Maximum Density		101.6		100.8
% Compaction (T ÷ V)		97.9%		96.8
Difference from Optimum + or -		-1.2		-3.5
* Correction for + #4 Fraction			TESTED BY Joe Lindbom	

COMPACTION DETERMINATION
SAND CONE METHOD & ONE POINT COMPACTION TEST

DATE 3-4-98

NAME Hunter Army Airfield

PROJECT Fire Training AREA (OMBA CONST)

CONTRACT NO.

Test No.	#7 Test	#8 Test
Area i.e., Subgrade, site fill, backfill	NW Corner Tank Pad	SW Corner Tank Pad
Station		
Offset		
Elevation	6' Below Grade	6' Below Grade
(A) Initial Wt. Jar & Sand	12.17	12.46
(B) Wt. Jar & Sand Retained	5.33	5.85
(C) Wt. Sand Used (A-B)	6.84	6.61
(D) Wt. Sand in Cone & Plate	3.48	3.48
(E) Sand Used in Hole (C-D)	3.36	3.13
(F) Wt. Sand Per Cu. Ft.	86.6	86.6
(G) Vol. Hole (E ÷ F)	0.0388	0.0361
(H) Wet Wt. Rock & Soil	4.98	4.57
(I) Wt. Container	0.65	0.63
(J) Wet Wt. Soil & Rock (H-I)	4.33	3.94
(K) Wt. Rock	~~0~~	~~0~~
(L) Wet Wt. Soil (J-K)	4.33	3.94
(M) Volume Rock $\left(\frac{K}{Sp.\ Gr.\ X\ 62.4}\right)$*	~~0~~	~~0~~
(N) Adjusted Volume of Hole (G-M)*	0.0388	0.0361
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	111.6	109.1

MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P) Wet Wt. Moist. Sample		200.0		200.0
(Q) Dry Wt. Moist. Sample		168.7		170.1
(R) Wt. Water (P-Q)		31.3		29.9
(S) % Moisture (R ÷ Q)		18.6		17.6
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{O}{S+100}\right)$		94.1		92.8
(U) Optimum Moisture		20.3		20.3
(V) Maximum Density		96.0		96.0
% Compaction (T ÷ V)		98.0 %		96.7 %
Difference from Optimum + or -		-1.7		-2.7

* Correction for + #4 Fraction

TESTED BY Joe Lindbom

COMPACTION DETERMINATION
SAND CONE METHOD & ONE POINT COMPACTION TEST

DATE 3-4-98

NAME Hunter Army Airfield

PROJECT Fire Training Area

CONTRACT NO.

Test No.	#9 Test	#10 Test
Area i.e., Subgrade, site fill, backfill	SE Corner Tank Pad	NE Corner Tank Pad
Station		
Offset		
Elevation	5' Below Grade	5' Below Grade
(A) Initial Wt. Jar & Sand	12.16	12.44
(B) Wt. Jar & Sand Retained	4.59	4.95
(C) Wt. Sand Used (A-B)	7.57	7.49
(D) Wt. Sand in Cone & Plate	3.48	3.48
(E) Sand Used in Hole (C-D)	4.09	4.01
(F) Wt. Sand Per Cu. Ft.	86.6	86.6
(G) Vol. Hole (E ÷ F)	0.0472	0.0463
(H) Wet Wt. Rock & Soil	5.76	5.59
(I) Wt. Container	0.64	0.66
(J) Wet Wt. Soil & Rock (H-I)	5.12	4.93
(K) Wt. Rock	0	0
(L) Wet Wt. Soil (J-K)	5.12	4.93
(M) Volume Rock $\left(\frac{K}{\text{Sp. Gr. X } 62.4}\right)$*	0	0
(N) Adjusted Volume of Hole (G-M)*	0.0472	0.0463
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	108.5	106.5

MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P) Wet Wt. Moist. Sample		200.0		200.0
(Q) Dry Wt. Moist. Sample		169.8		171.2
(R) Wt. Water (P-Q)		30.2		28.8
(S) % Moisture (R ÷ Q)		17.8		16.8
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S + 100}\right)$		92.1		91.1
(U) Optimum Moisture		20.3		20.3
(V) Maximum Density		96.0		96.0
% Compaction (T ÷ V)		95.9%		94.8%
Difference from Optimum + or -		-2.5		-3.5

* Correction for + #4 Fraction

TESTED BY Joe Lindbom

COMPACTION DETERMINATION SAND CONE METHOD & ONE POINT COMPACTION TEST			DATE 3-4-98	
NAME Hunter Army Airfield				
PROJECT Fire Training Center (Omega Const)			CONTRACT NO.	
Test No.	#11 Test		#12 Test	
Area i.e., Subgrade, site fill, backfill	SW Corner Tank Pad		NE Corner Tank Pad	
Station				
Offset				
Elevation	4' Below Grade		4' Below Grade	
(A) Initial Wt. Jar & Sand	11.81		11.56	
(B) Wt. Jar & Sand Retained	3.45		3.14	
(C) Wt. Sand Used (A-B)	8.36		8.42	
(D) Wt. Sand in Cone & Plate	3.48		3.48	
(E) Sand Used in Hole (C-D)	4.88		4.94	
(F) Wt. Sand Per Cu. Ft.	86.6		86.6	
(G) Vol. Hole (E ÷ F)	0.0563		0.0570	
(H) Wet Wt. Rock & Soil	6.72		6.89	
(I) Wt. Container	0.66		0.63	
(J) Wet Wt. Soil & Rock (H-I)	6.06		6.26	
(K) Wt. Rock	Ø		Ø	
(L) Wet Wt. Soil (J-K)	6.06		6.26	
(M) Volume Rock $\left(\frac{K}{\text{Sp. Gr. X } 62.4}\right)$*	Ø		Ø	
(N) Adjusted Volume of Hole (G-M)*	0.0563		0.0570	
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	107.6		109.8	
MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P) Wet Wt. Moist. Sample		200.0		200.0
(Q) Dry Wt. Moist. Sample		172.7		171.5
(R) Wt. Water (P-Q)		27.3		28.5
(S) % Moisture (R ÷ Q)		15.8		16.6
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S + 100}\right)$		92.9		94.2
(U) Optimum Moisture		20.3		20.3
(V) Maximum Density		96.0		96.0
% Compaction (T ÷ V)		96.8		98.1
Difference from Optimum + or -		-4.5		-3.7
* Correction for + #4 Fraction			TESTED BY Joe Lindbom	

COMPACTION DETERMINATION
SAND CONE METHOD & ONE POINT COMPACTION TEST

DATE 3-4-98

NAME Hunter Army Airfield

PROJECT Fire Training Center (Omega Const) CONTRACT NO.

Test No.	#13 Test		#14 Test	
Area i.e., Subgrade, site fill, backfill	SE Corner Tank Pad		NW Corner Tank Pad	
Station				
Offset				
Elevation	5' Below Grade		5' Below Grade	
(A) Initial Wt. Jar & Sand	12.91		12.41	
(B) Wt. Jar & Sand Retained	4.65		4.41	
(C) Wt. Sand Used (A-B)	8.26		8.00	
(D) Wt. Sand in Cone & Plate	3.48		3.48	
(E) Sand Used in Hole (C-D)	4.78		4.52	
(F) Wt. Sand Per Cu. Ft.	86.6		86.6	
(G) Vol. Hole (E ÷ F)	0.0551		0.0522	
(H) Wet Wt. Rock & Soil	6.69		6.14	
(I) Wt. Container	0.64		0.66	
(J) Wet Wt. Soil & Rock (H-I)	6.05		5.48	
(K) Wt. Rock	Ø		Ø	
(L) Wet Wt. Soil (J-K)	6.05		5.48	
(M) Volume Rock $\left(\frac{K}{Sp.\ Gr. \times 62.4}\right)$*	Ø		Ø	
(N) Adjusted Volume of Hole (G-M)*	0.0551		0.0522	
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	109.8		105.0	
MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P) Wet Wt. Moist. Sample		200.0		200.0
(Q) Dry Wt. Moist. Sample		171.8		174.3
(R) Wt. Water (P-Q)		28.2		25.7
(S) % Moisture (R ÷ Q)		16.4		14.7
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S+100}\right)$		94.3		91.5
(U) Optimum Moisture		20.3		20.3
(V) Maximum Density		96.0		96.0
% Compaction (T ÷ V)		98.2		95.3
Difference from Optimum + or -		-3.9		-5.6

* Correction for + #4 Fraction

TESTED BY Joe Lindbom

COMPACTION DETERMINATION
SAND CONE METHOD & ONE POINT COMPACTION TEST

DATE 3-4-98

NAME Hunter Army Airfield

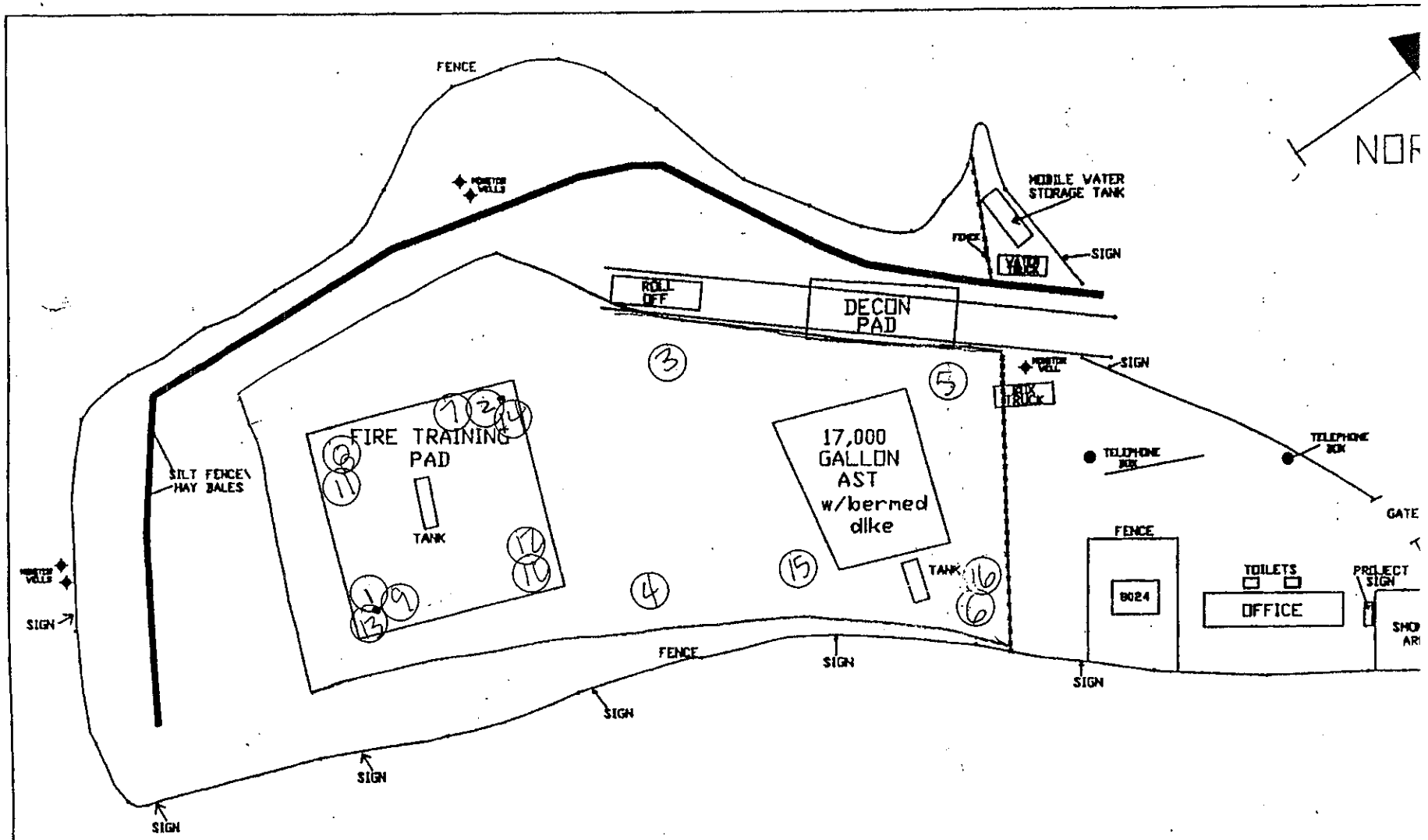
PROJECT Fire Training Center (Omega Const) CONTRACT NO.

Test No.	#15 Test	#16 Test
Area i.e., Subgrade, site fill, backfill	SE Corner (Pit)	SE Corner (Pit)
Station		
Offset		
Elevation	4' Below Grade	3' Below Grade
(A) Initial Wt. Jar & Sand	11.80	11.64
(B) Wt. Jar & Sand Retained	3.95	3.43
(C) Wt. Sand Used (A-B)	7.85	8.21
(D) Wt. Sand in Cone & Plate	3.48	3.48
(E) Sand Used in Hole (C-D)	4.37	4.73
(F) Wt. Sand Per Cu. Ft.	86.6	86.6
(G) Vol. Hole (E ÷ F)	0.0504	0.0546
(H) Wet Wt. Rock & Soil	6.06	6.58
(I) Wt. Container	0.65	0.63
(J) Wet Wt. Soil & Rock (H-I)	5.41	5.95
(K) Wt. Rock	Ø	Ø
(L) Wet Wt. Soil (J-K)	5.41	5.95
(M) Volume Rock $\left(\frac{K}{Sp.\ Gr. \times 62.4}\right)$*	Ø	Ø
(N) Adjusted Volume of Hole (G-M)*	0.0504	0.0546
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	107.3	108.9

MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P) Wet Wt. Moist. Sample		200.0		200.0
(Q) Dry Wt. Moist. Sample		173.0		171.6
(R) Wt. Water (P-Q)		27.0		28.4
(S) % Moisture (R ÷ Q)		15.6		16.5
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S+100}\right)$		92.8		93.5
(U) Optimum Moisture		20.3		20.3
(V) Maximum Density		96.0		96.0
% Compaction (T ÷ V)		96.7		97.4 %
Difference from Optimum + or -		-4.7		-3.8

* Correction for + #4 Fraction

TESTED BY Joe Lindbom



ALL LOCATIONS ARE APPROXIMATE

APPROXIMATE SCALE: 1"

FIGURE 1

BASEMAP

FIRE TRAINING CENTER
HUNTER ARMY AIRFIELD

OMEGA ENVIRONMENTAL SERVICES, INC

SUMMARY OF FIELD DENSITY TESTS

TEST NO.	DATE MADE 19 98	1. TYPE TEST	LOCATION OF TEST (SEE THE ATTACHED SKETCH FOR APPROXIMATE LOCATIONS)	EXCAVATION OR BORROW SOURCE	2. SOIL CLASS	FIELD IN-PLACE DATA: DRY DENSITY	FIELD IN-PLACE DATA: % MOISTURE	LABORATORY TEST DATA: ONE-POINT COMP. TEST WITH FAMILY OF CURVES: MAX. DRY DENSITY	LABORATORY TEST DATA: ONE-POINT COMP. TEST WITH FAMILY OF CURVES: OPT. MOIST. %	LABORATORY TEST DATA: ONE-POINT COMP. DRY (4" MOLD) 3. MAX. DRY DENSITY	FIELD AND LAB CORRELATION: % VAR. FROM OPT. -OR-	FIELD AND LAB CORRELATION: PERCENT COMPACTION	FIELD AND LAB CORRELATION: SPECIFIED COMPACTION	COMMENT ON TEST
1	3/4		7' BELOW GRADE			99.5	19.1	101.6	20.3		-1.2	97.9	90	
2			7' BELOW GRADE			97.6	16.8	100.8	20.3		-3.5	96.8		
3			SUBGRADE 0-6"			99.1	17.5	100.8	20.3		-2.8	98.3		
4			SUBGRADE 0-6"			98.4	19.2	100.8	20.3		-1.1	97.6		
5			SUBGRADE 0-6"			99.8	18.5	100.8	20.3		-1.8	99.0		
6			SUBGRADE 0-6"			97.3	16.8	100.8	20.3		-3.5	96.5		
7			6' BELOW GRADE			94.1	18.6	96.0	20.3		-1.7	98.0		1 POINT
8			5' BELOW GRADE			92.8	17.6	96.0	20.3		-2.7	96.7		1 POINT
9			5' BELOW GRADE			92.1	17.8	96.0	20.3		-2.5	95.9		1 POINT
10			5' BELOW GRADE			91.0	16.8	96.0	20.3		-3.5	94.8		1 POINT
11			4' BELOW GRADE			92.9	15.8	96.0	20.3		-4.5	96.8		1 POINT
12			4' BELOW GRADE			94.2	16.6	96.0	20.3		-3.7	98.1		1 POINT
13			4' BELOW GRADE			94.3	16.4	96.0	20.3		-3.9	98.2		1 POINT
14			3' BELOW GRADE			91.5	14.7	96.0	20.3		-5.6	95.3		1 POINT

1. Sand Volume (SV), Moisture Content (MC)
2. When Soil Class. is estimated, note by letter (E).
3. This method is used for control of sandy/cohesionless materials exhibiting flate or reversed shape compation curves.

SUMMARY OF FIELD DENSITY TESTS

TEST NO.	DATE MADE 1998	1. TYPE TEST	LOCATION OF TEST	EXCAVATION OR BORROW SOURCE	2. SOIL CLASS	FIELD IN-PLACE DATA: DRY DENSITY	FIELD IN-PLACE DATA: % MOISTURE	LABORATORY TEST DATA: ONE-POINT COMP. TEST WITH FAMILY OF CURVES: MAX. DRY DENSITY	LABORATORY TEST DATA: ONE-POINT COMP. TEST WITH FAMILY OF CURVES: OPT. MOIST. %	LABORATORY TEST DATA: ONE-POINT COMP. DRY (4" MOLD): 1. MAX. DRY DENSITY	FIELD AND LAB CORRELATION: 4. VAR. FROM OPT. + OR -	FIELD AND LAB CORRELATION: PERCENT COMPACTION	FIELD AND LAB CORRELATION: SPECIFIED COMPACTION	COMMENTS ON TEST
15	3/4		4' BELOW GRADE			92.8	15.6	96.0	20.3		-4.7	96.7	90	1 POINT
16			3' BELOW GRADE			93.5	16.5	96.0	20.3		-3.8	97.4	90	1 POINT

1. Sand Volume (SV), Moisture Content (MC)
2. When Soil Class. is estimated, note by letter (E).
3. This method is used for control of sandy/cohesionless materials exhib. [illegible] flate or reversed shape compation curves.
4. Enter Difference [illegible] Moisture to Field Moisture

WHITAKER LABORATORY, INC.

JOB NAME FIRE TRAINING CENTER H.A.A.F.

SAMPLE NUMBER 2

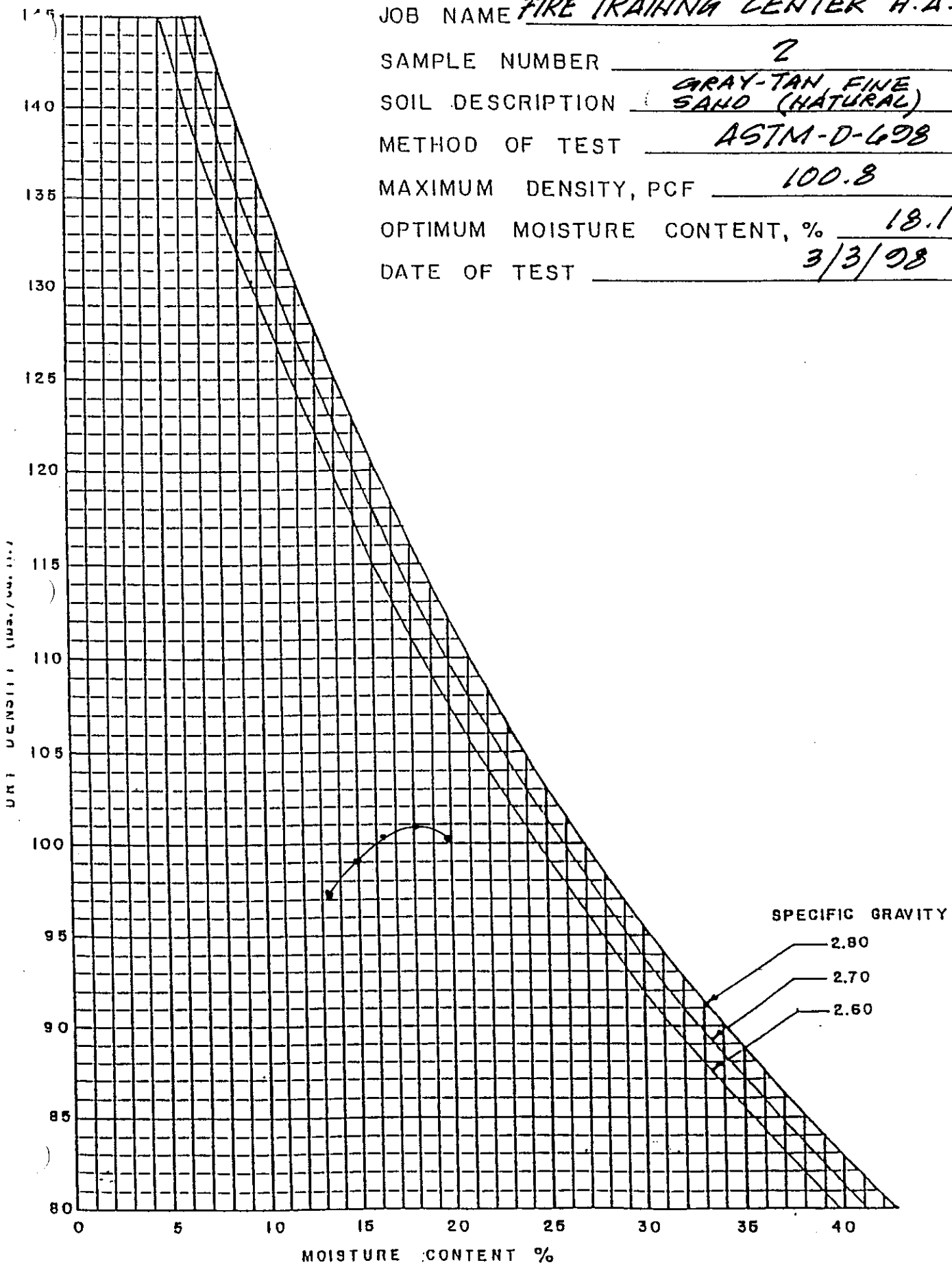
SOIL DESCRIPTION GRAY-TAN, FINE SAND (NATURAL)

METHOD OF TEST ASTM-D-698

MAXIMUM DENSITY, PCF 100.8

OPTIMUM MOISTURE CONTENT, % 18.1

DATE OF TEST 3/3/98



WHITAKER LABORATORY, INC.

JOB NAME FIRE TRAINING CENTER HAAF

SAMPLE NUMBER 1

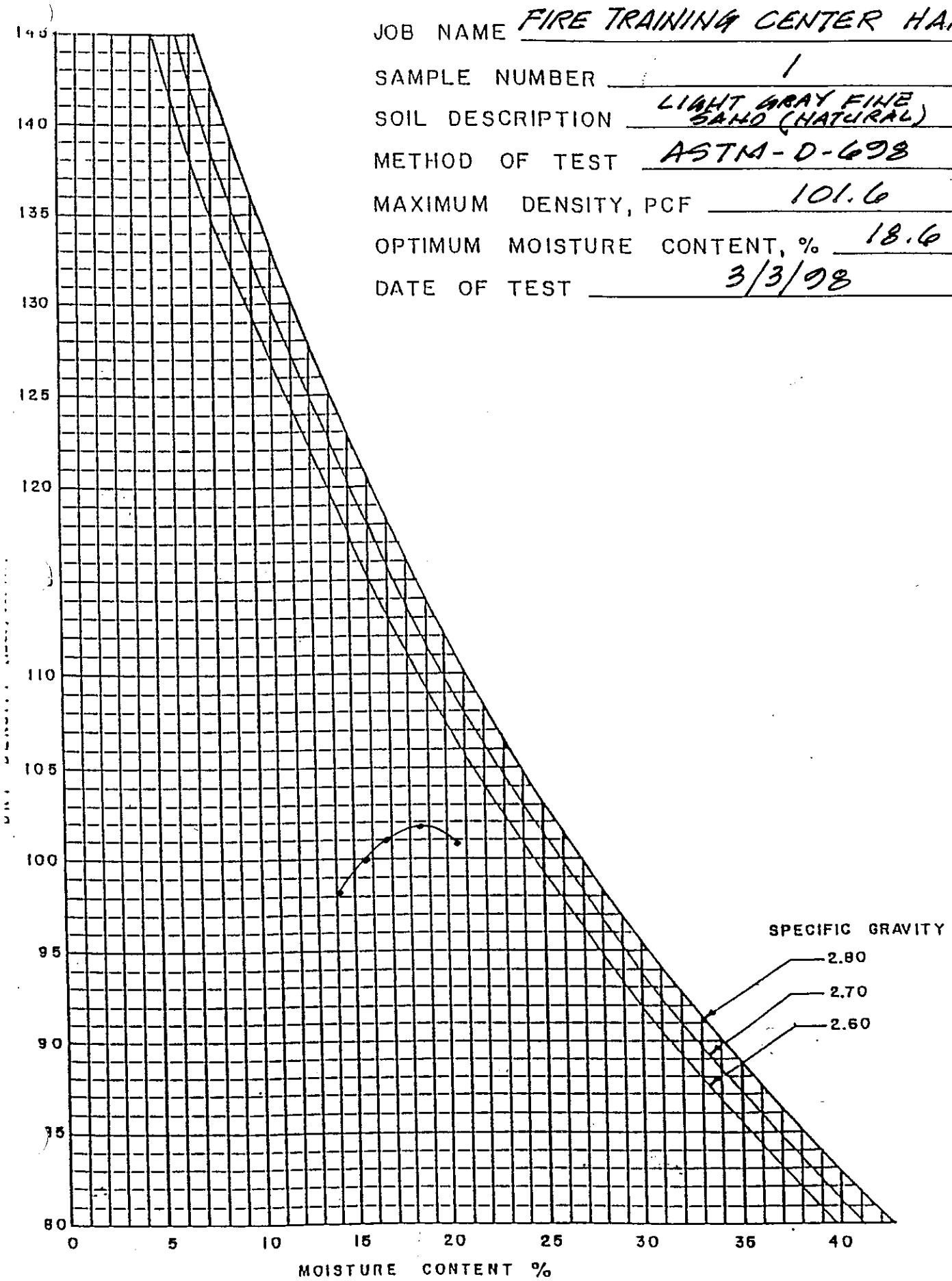
SOIL DESCRIPTION LIGHT GRAY FINE SAND (NATURAL)

METHOD OF TEST ASTM-D-698

MAXIMUM DENSITY, PCF 101.6

OPTIMUM MOISTURE CONTENT, % 18.6

DATE OF TEST 3/3/98



WHITAKER LABORATORY INC.
P.O. BOX 7081
SAVANNAH, GEORGIA 31418
2500 TREMONT RD. FAX 912/233-5061 912/234-0696

REPORT NO. 3/6/98-10 Test made DATE: 3/5/98

CLIENT: Omega Environmental Service Fill

PROJECT: Fire Training Center, HAAF
Geosciences Job# MCE-97-626A

FIELD DENSITY REPORT

NO.	% MOISTURE	DRY PCF	% COMPACTION	% COMP. REQ.	ONE-POINT PROCTOR
17	18.1	93.4	97.2	90	96.0
18	17.0	92.6	96.4	90	96.0
19	18.0	92.9	96.8	90	96.0
20	18.2	93.7	97.6	90	96.0
21	17.0	92.1	95.9	90	96.0
22	17.1	92.5	96.3	90	96.0

LOCATIONS & ELEVATIONS

17-19 See the attached sketch for approx. locations, 3' below grade
20-21 See the attached sketch for approx. locations, 4' below grade
22 See the attached sketch for approx. locations, 3' below grade

Tests taken by Joe Lindbom

WHITAKER LABORATORY, INC.

by: _____
J. M. Whitaker

1 cc: Omega Environmental Services
Attn: John Mount
4661 Hammermill Road
Suite B
Tucker, GA 30084
Fax# 692-0508 - John Fleming
(770) 621-9414
1 cc: File

COMPACTION DETERMINATION SAND CONE METHOD & ONE POINT COMPACTION TEST			DATE 3-5-98	
NAME Hunter Army Airfield				
PROJECT Fire Training Center Omega Const.			CONTRACT NO.	
Test No.	#17 Test		#18 Test	
Area i.e., Subgrade, site fill, backfill	SE Corner Tank Pad		NW Corner Tank Pad	
Station				
Offset				
Elevation	3' Below Grade		3' Below Grade	
(A) Initial Wt. Jar & Sand	12.37		12.46	
(B) Wt. Jar & Sand Retained	3.94		4.16	
(C) Wt. Sand Used (A-B)	8.43		8.30	
(D) Wt. Sand in Cone & Plate	3.48		3.48	
(E) Sand Used in Hole (C-D)	4.95		4.82	
(F) Wt. Sand Per Cu. Ft.	86.6		86.6	
(G) Vol. Hole (E ÷ F)	0.0571		0.0556	
(H) Wet Wt. Rock & Soil	6.95		6.70	
(I) Wt. Container	0.65		0.67	
(J) Wet Wt. Soil & Rock (H-I)	6.30		6.03	
(K) Wt. Rock	Ø		Ø	
(L) Wet Wt. Soil (J-K)	6.30		6.03	
(M) Volume Rock $\left(\frac{K}{\text{Sp. Gr. X } 62.4}\right)$*	Ø		Ø	
(N) Adjusted Volume of Hole (G-M)*	0.0571		0.0556	
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	110.3		108.4	
MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P) Wet Wt. Moist. Sample		200.0		200.0
(Q) Dry Wt. Moist. Sample		169.4		171.0
(R) Wt. Water (P-Q)		30.6		29.0
(S) % Moisture (R ÷ Q)		18.1		17.0
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S + 100}\right)$		93.4		92.6
(U) Optimum Moisture		20.3		20.3
(V) Maximum Density		96.0		96.0
% Compaction (T ÷ V)		97.2%		96.4
Difference from Optimum + or -		-2.2		-3.3
* Correction for + #4 Fraction			TESTED BY Joe Lindbom	

COMPACTION DETERMINATION
SAND CONE METHOD & ONE POINT COMPACTION TEST

DATE 3-5-98

NAME Hunter Army Airfield

PROJECT Fire Training Center Omega Const.

CONTRACT NO.

Test No.	#19 Test	#20 Test
Area i.e., Subgrade, site fill, backfill	SW Corner (Pit)	SW Corner (Pit)
Station		
Offset		
Elevation	3' Below Grade	4' Below Grade
(A) Initial Wt. Jar & Sand	12.16	12.44
(B) Wt. Jar & Sand Retained	3.90	4.23
(C) Wt. Sand Used (A-B)	8.26	8.21
(D) Wt. Sand in Cone & Plate	3.48	3.48
(E) Sand Used in Hole (C-D)	4.78	4.73
(F) Wt. Sand Per Cu. Ft.	86.6	86.6
(G) Vol. Hole (E ÷ F)	0.0552	0.0546
(H) Wet Wt. Rock & Soil	6.68	6.70
(I) Wt. Container	0.63	0.65
(J) Wet Wt. Soil & Rock (H-I)	6.05	6.05
(K) Wt. Rock	Ø	Ø
(L) Wet Wt. Soil (J-K)	6.05	6.05
(M) Volume Rock $\left(\frac{K}{\text{Sp. Gr. X } 62.4}\right)$*	Ø	Ø
(N) Adjusted Volume of Hole (G-M)*	0.0552	0.0546
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	109.6	110.8

MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P) Wet Wt. Moist. Sample		200.0		200.0
(Q) Dry Wt. Moist. Sample		169.5		169.2
(R) Wt. Water (P-Q)		30.5		30.8
(S) % Moisture (R ÷ Q)		18.0		18.2
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S + 100}\right)$		92.9		93.7
(U) Optimum Moisture		20.3		20.3
(V) Maximum Density		96.0		96.0
% Compaction (T ÷ V)		96.8%		97.6
Difference from Optimum + or -		-2.3		-2.1

* Correction for + #4 Fraction

TESTED BY Joe Lindbom

COMPACTION DETERMINATION
SAND CONE METHOD & ONE POINT COMPACTION TEST

DATE 3-5-98

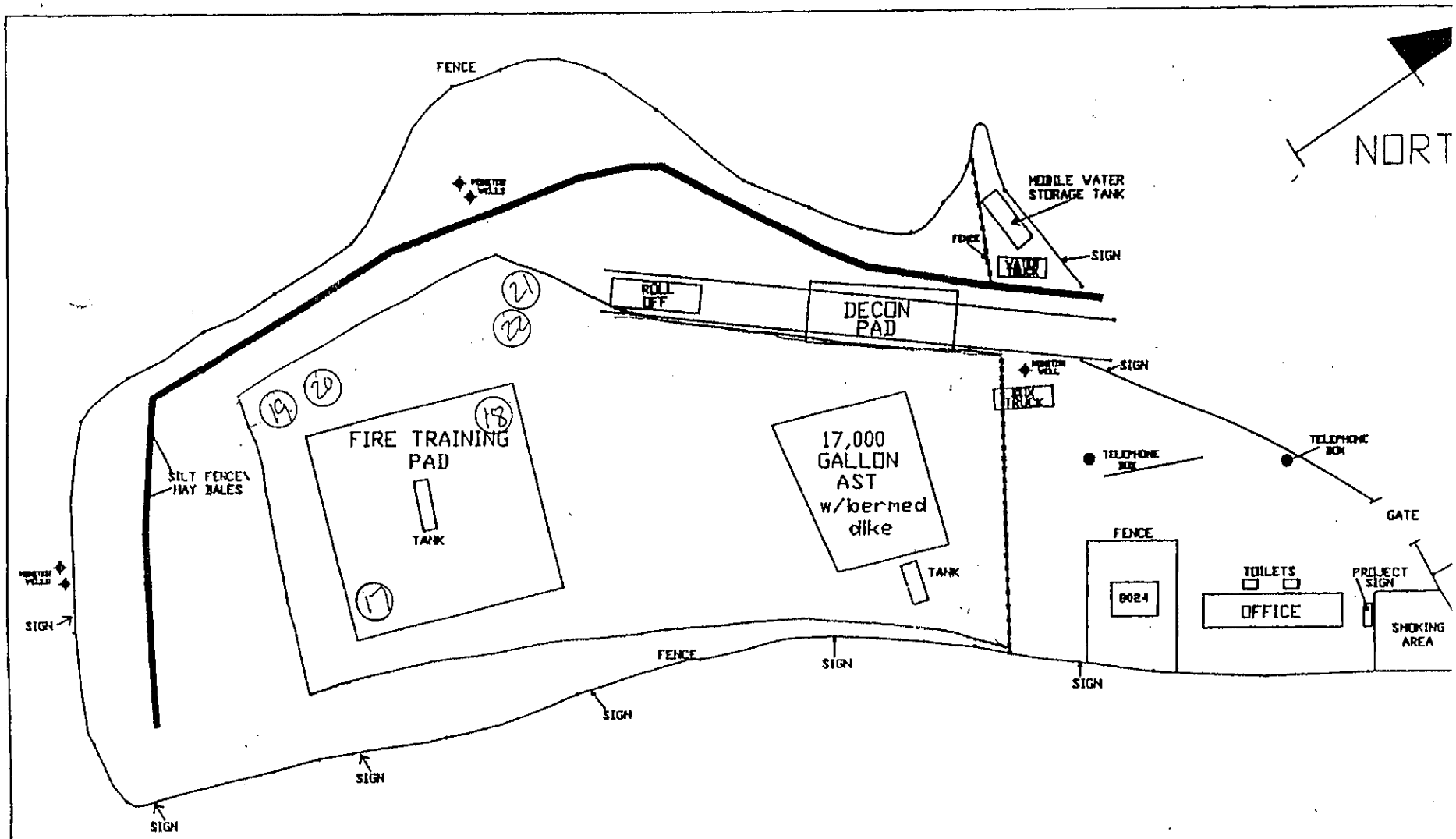
NAME Hunter Army Airfield

PROJECT Fire Training CENTER (Omega Const) CONTRACT NO.

	Test No.	#21 Test		#22 Test
	Area i.e., Subgrade, site fill, backfill	Center W. Side Pit		Center W. Side Pit
	Station			
	Offset			
	Elevation	4' Below Grade		3' Below Grade
(A)	Initial Wt. Jar & Sand	12.05		12.41
(B)	Wt. Jar & Sand Retained	4.10		4.01
(C)	Wt. Sand Used (A-B)	7.95		8.40
(D)	Wt. Sand in Cone & Plate	3.48		3.48
(E)	Sand Used in Hole (C-D)	4.47		4.92
(F)	Wt. Sand Per Cu. Ft.	86.6		86.6
(G)	Vol. Hole (E ÷ F)	0.0516		0.0568
(H)	Wet Wt. Rock & Soil	6.19		6.80
(I)	Wt. Container	0.63		0.65
(J)	Wet Wt. Soil & Rock (H-I)	5.56		6.15
(K)	Wt. Rock	Ø		Ø
(L)	Wet Wt. Soil (J-K)	5.56		6.15
(M)	Volume Rock $\left(\frac{K}{\text{Sp. Gr. X } 62.4}\right)$*	Ø		Ø
(N)	Adjusted Volume of Hole (G-M)*	0.0516		0.0568
(O)	Wet Wt. Soil/Cu. Ft. (L ÷ N)	107.7		108.3
	MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P)	Wet Wt. Moist. Sample		200.0		200.0
(Q)	Dry Wt. Moist. Sample		170.9		170.9
(R)	Wt. Water (P-Q)		29.1		29.2
(S)	% Moisture (R ÷ Q)		17.0		17.1
(T)	Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S + 100}\right)$		92.1		92.5
(U)	Optimum Moisture		20.3		20.3
(V)	Maximum Density		96.0		96.0
	% Compaction (T ÷ V)		95.9%		96.3%
	Difference from Optimum + or -		-3.3		-3.2

* Correction for + #4 Fraction

TESTED BY Joe Lindbom



ALL LOCATIONS ARE APPROXIMATE

APPROXIMATE SCALE: 1" =

FIGURE 1

BASEMAP

FIRE TRAINING CENTER

HUNTER ARMY AIRFIELD

OMEGA ENVIRONMENTAL SERVICES, INC

SUMMARY O FIELD DENSITY TESTS

TEST NO.	DATE MADE 19 98	1. TYPE TEST	LOCATION OF TEST (SEE THE ATTACHED SKETCH FOR APPROXIMATE LOCATIONS)	EXCAVATION OR BORROW SOURCE	2. SOIL CLASS	FIELD IN-PLACE DATA: DRY DENSITY	FIELD IN-PLACE DATA: % MOISTURE	LABORATORY TEST DATA: ONE-POINT COMP. TEST WITH FAMILY OF CURVES: MAX. DRY DENSITY	LABORATORY TEST DATA: ONE-POINT COMP. TEST WITH FAMILY OF CURVES: OPT. MOIST. %	LABORATORY TEST DATA: ONE-POINT COMP. DRY (4" MOLD) 3. MAX. DRY DENSITY	FIELD AND LAB CORRELATION: 4. VAR. FROM OPT. + OR −	FIELD AND LAB CORRELATION: PERCENT COMPACTION	FIELD AND LAB CORRELATION: SPECIFIED COMPACTION	COMMENTS ON TEST
17	3/5		3' BELOW GRADE			93.4	18.1	96.0	20.3		-2.2	97.2	90	1 POINT
18			3' BELOW GRADE			92.6	17.0	96.0	20.3		-3.3	96.4		
19			3' BELOW GRADE			92.9	18.0	96.0	20.3		-2.3	96.8		
20			4' BELOW GRADE			93.7	18.2	96.0	20.3		-2.1	97.6		
21			4' BELOW GRADE			92.1	17.0	96.0	20.3		-3.3	95.9		
22			3' BELOW GRADE			92.5	17.1	96.0	20.3		-3.2	96.3		

1. Sand Volume (SV), Moisture Content (MC)
2. When Soil Class. is estimated, note by letter (E).
3. This method is used for control of sandy/cohesionless materials exhibiting flate or reversed shape compation curves.
4. Enter Difference from Optimum Moisture to Field Moisture.

WHITAKER LABORATORY INC.
P.O. BOX 7081
SAVANNAH, GEORGIA 31418
2500 TREMONT RD. FAX 912/233-5061 912/234-0696

REPORT NO. 3/6/98-11 Test made DATE: 3/5/98

CLIENT: Omega Environmental Services Fill

PROJECT: Fire Training Center, HAAF
Geosciences Hob# MCE-97-626A

FIELD DENSITY REPORT

NO.	% MOISTURE	DRY PCF	% COMPACTION	% COMP. REQ.	ONE-POINT PROCTOR
23	16.0	91.8	95.7	90	96.0
24	16.9	92.3	96.1	90	96.0
25	16.1	91.4	95.2	90	96.0

LOCATIONS & ELEVATIONS

23 See the attached sketch for approximate locations, 4' below grade
24 See the attached sketch for approximate locations, 3' below grade
25 See the attached sketch for approximate locations, 2' below grade

Tests taken by Joe Lindbom

WHITAKER LABORATORY, INC.

by: _____
J. M. Whitaker

1 cc: Omega Environmental Services
Attn: John Mount
4661 Hammermill Road
Suite B
Tucker, GA 30084
Fax# 692-0508 - John Fleming
(770) 621-9414
1 cc: File

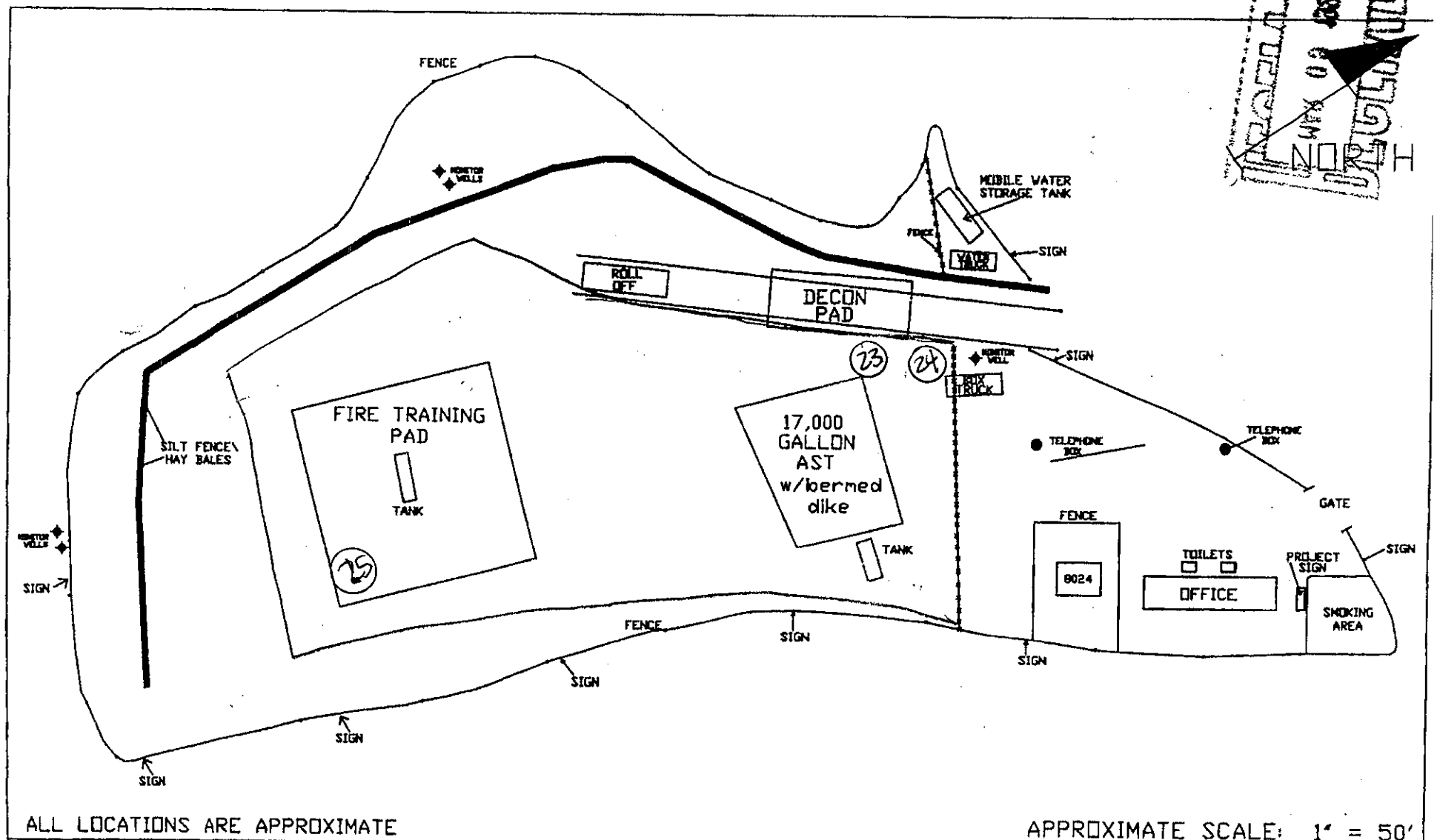
COMPACTION DETERMINATION SAND CONE METHOD & ONE POINT COMPACTION TEST			DATE 3-5-98	
NAME Hunter Army Airfield				
PROJECT Fire training CENTER (OMEGA Const)			CONTRACT NO.	
Test No.	#23 Test		#24 Test	
Area i.e., Subgrade, site fill, backfill	NW Corner Pit		NW Corner Pit	
Station				
Offset				
Elevation	4' Below Grade		3' Below Grade	
(A) Initial Wt. Jar & Sand	12.60		12.30	
(B) Wt. Jar & Sand Retained	3.99		4.24	
(C) Wt. Sand Used (A-B)	8.61		8.06	
(D) Wt. Sand in Cone & Plate	3.48		3.48	
(E) Sand Used in Hole (C-D)	5.13		4.58	
(F) Wt. Sand Per Cu. Ft.	86.6		86.6	
(G) Vol. Hole (E ÷ F)	0.0592		0.0528	
(H) Wet Wt. Rock & Soil	6.96		6.33	
(I) Wt. Container	0.65		0.63	
(J) Wet Wt. Soil & Rock (H-I)	6.31		5.70	
(K) Wt. Rock	⊖		⊖	
(L) Wet Wt. Soil (J-K)	6.31		5.70	
(M) Volume Rock $\left(\frac{K}{\text{Sp. Gr. X } 62.4}\right)$*	⊖		⊖	
(N) Adjusted Volume of Hole (G-M)*	0.0592		0.0528	
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	106.5		107.9	
MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P) Wet Wt. Moist. Sample		200.0		200.0
(Q) Dry Wt. Moist. Sample		172.4		171.1
(R) Wt. Water (P-Q)		27.6		28.9
(S) % Moisture (R ÷ Q)		16.0		16.9
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S+100}\right)$		91.8		92.3
(U) Optimum Moisture		20.3		20.3
(V) Maximum Density		96.0		96.0
% Compaction (T ÷ V)		95.7%		96.1%
Difference from Optimum + or -		-4.3		-3.4
* Correction for + #4 Fraction			TESTED BY Joe Lindbom	

COMPACTION DETERMINATION SAND CONE METHOD & ONE POINT COMPACTION TEST			DATE 3-5-98	
NAME Hunter Army Airfield				
PROJECT Fire Training Center (Omega Const)			CONTRACT NO.	
Test No.	#25 Test			
Area i.e., Subgrade, site fill, backfill	SE Corner Tank Pad			
Station				
Offset				
Elevation	2' Below Grade			
(A) Initial Wt. Jar & Sand	12.82			
(B) Wt. Jar & Sand Retained	4.54			
(C) Wt. Sand Used (A-B)	8.28			
(D) Wt. Sand in Cone & Plate	3.48			
(E) Sand Used in Hole (C-D)	4.80			
(F) Wt. Sand Per Cu. Ft.	86.6			
(G) Vol. Hole (E ÷ F)	0.0554			
(H) Wet Wt. Rock & Soil	6.54			
(I) Wt. Container	0.66			
(J) Wet Wt. Soil & Rock (H-I)	5.88			
(K) Wt. Rock	Ø			
(L) Wet Wt. Soil (J-K)	5.88			
(M) Volume Rock $\left(\frac{K}{Sp.\ Gr.\ X\ 62.4}\right)$*	Ø			
(N) Adjusted Volume of Hole (G-M)*	0.0554			
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	106.1			
MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P) Wet Wt. Moist. Sample		200.0		
(Q) Dry Wt. Moist. Sample		172.3		
(R) Wt. Water (P-Q)		27.7		
(S) % Moisture (R ÷ Q)		16.1		
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S+100}\right)$		91.4		
(U) Optimum Moisture		20.3		
(V) Maximum Density		96.0		
% Compaction (T ÷ V)		95.2		
Difference from Optimum + or -		-4.2		
* Correction for + #4 Fraction			TESTED BY Joe Lindbom	

SUMMARY OF FIELD DENSITY TESTS

TEST NO.	DATE MADE 1998	1. TYPE TEST	LOCATION OF TEST (SEE THE ATTACHED SKETCH FOR APPROXIMATE LOCATION)	EXCAVATION OR BORROW SOURCE	2. SOIL CLASS	FIELD IN-PLACE DATA: DRY DENSITY	FIELD IN-PLACE DATA: % MOISTURE	LABORATORY TEST DATA: ONE-POINT COMP. TEST WITH FAMILY OF CURVES: MAX. DRY DENSITY	LABORATORY TEST DATA: ONE-POINT COMP. TEST WITH FAMILY OF CURVES: OPT. MOIST. %	LABORATORY TEST DATA: ONE-POINT COMP. DRY (4" MOLD): 3. MAX. DRY DENSITY	FIELD AND LAB CORRELATION: 4. VAR. FROM OPT. + OR −	FIELD AND LAB CORRELATION: PERCENT COMPACTION	FIELD AND LAB CORRELATION: SPECIFIED COMPACTION	COMMENT ON TEST
23	3/5		4' BELOW GRADE			91.8	16.0	96.0	20.3		-4.3	95.7	90	1 POINT
24	3/5		3' BELOW GRADE			92.3	16.9	96.0	20.3		-3.4	96.1		1 POINT
25	3/5		2' BELOW GRADE			91.4	16.1	96.0	20.3		-4.2	95.2		1 POINT

1. Sand Volume (SV), Moisture Content (MC)
2. When Soil Class. is estimated, note by letter (E).
3. [illegible]s method is used for control of sandy/cohesionless materials exh[illegible]ng flate or reversed shape compation curves.
4. Enter Difference from Optimum Moisture to Field Moisture.



ALL LOCATIONS ARE APPROXIMATE

APPROXIMATE SCALE: 1" = 50'

FIGURE 1

BASEMAP

FIRE TRAINING CENTER
HUNTER ARMY AIRFIELD
GEOSCIENCES JOB NO. MCE-97-626A

OMEGA ENVIRONMENTAL SERVICES, INC

GEOSCIENCES, inc.

WHITAKER LABORATORY INC.
P.O. BOX 7081
SAVANNAH, GEORGIA 31418
2500 TREMONT RD. FAX 912/233-5061 912/234-0696

REPORT NO. 3/12/98/-12 Test made DATE: 3/11/98

CLIENT: Omega Environmental Services

PROJECT: Fire Training Center, HAAF
Geosciences Job# MCE-97-626A

FIELD DENSITY REPORT

NO.	% MOISTURE	DRY PCF	% COMPACTION	% COMP. REQ.	ONE-POINT PROCTOR
32	15.8	91.4	95.2	90	96.0
33	15.0	89.5	93.2	90	96.0
34	13.8	89.3	93.0	90	96.0
35	16.0	92.1	96.0	90	96.0
36	16.9	93.6	97.5	90	96.0
37	17.9	94.0	97.9	90	96.0

LOCATIONS & ELEVATIONS

32 S. E. corner of tank pad, final grade
33 N. W. corner of tank pad, final grade
34 S. W. corner of pit, 1' below grade
35 Center of W. side pit, 1' below grade
36 N. W. corner of pit, 1' below grade
37 N. E. corner of pit, final grade

Tests taken by Joe Lindbom

WHITAKER LABORATORY, INC.

by: _____
J. M. Whitaker

1 cc: Omega Environmental Services
Attn: John Mount
4661 Hammermill Road
Suite B
Tucker, GA 30084
Fax# 692-0508 - John Fleming
(770) 621-9414
1 cc: File

SUMMARY OF FIELD DENSITY TESTS

TEST NO.	DATE MADE 1998	1. TYPE TEST	LOCATION OF TEST	EXCAVATION OR BORROW SOURCE	2. SOIL CLASS	FIELD IN-PLACE DATA: DRY DENSITY	FIELD IN-PLACE DATA: % MOISTURE	LABORATORY TEST DATA: ONE-POINT COMP. TEST WITH FAMILY OF CURVES: MAX. DRY DENSITY	LABORATORY TEST DATA: ONE-POINT COMP. TEST WITH FAMILY OF CURVES: OPT. MOIST. %	LABORATORY TEST DATA: ONE-POINT COMP. DRY (4" MOLD): 1. MAX. DRY DENSITY	FIELD AND LAB CORRELATION: 4. VAR. FROM OPT. + OR -	FIELD AND LAB CORRELATION: PERCENT COMPACTION	FIELD AND LAB CORRELATION: SPECIFIED COMPACTION	COMMENTS ON TEST
32	3/11		FINAL GRADE S.E. CORNER of TANK PAD			91.4	15.8	96.0	20.3		-4.5	95.2	90	
33			FINAL GRADE N.W. CORNER of TANK PAD			89.5	15.0	96.0	20.3		-5.3	93.2	90	
34			FINAL GRADE S.W. CORNER of TANK PAD			89.3	13.8	96.0	20.3		-6.3	93.0	90	
35			1' BELOW GRADE CENTER W. SIDE PIT			92.1	16.0	96.0	20.3		-4.3	96.0	90	
36			1' BELOW GRADE N.W. CORNER of PIT			93.6	16.9	96.0	20.3		-3.4	97.5	90	
37			FINAL GRADE N.E. CORNER of PIT			94.0	17.9	96.0	20.3		-2.4	97.9	90	

1. Sand Volume (SV), Moisture Content (MC)
2. When Soil Class. is estimated, note by letter (E).
3. This method is used for control of sandy/cohesionless materials exhibiting flate or reversed shape compation curves.

COMPACTION DETERMINATION
SAND CONE METHOD & ONE POINT COMPACTION TEST

DATE 3-11-98

NAME Hunter Army Airfield
PROJECT Fire Training Center Omega Const.
CONTRACT NO.

Test No.	#32		#33	
Area i.e., Subgrade, site fill, backfill	SE Corner Tank Pad		NW Corner Tank Pad	
Station				
Offset				
Elevation	Final Grade		Final Grade	
(A) Initial Wt. Jar & Sand	12.21		12.20	
(B) Wt. Jar & Sand Retained	3.79		3.89	
(C) Wt. Sand Used (A-B)	8.42		8.31	
(D) Wt. Sand in Cone & Plate	3.48		3.48	
(E) Sand Used in Hole (C-D)	4.94		4.83	
(F) Wt. Sand Per Cu. Ft.	86.6		86.6	
(G) Vol. Hole (E ÷ F)	0.0570		0.0557	
(H) Wet Wt. Rock & Soil	6.69		6.36	
(I) Wt. Container	0.66		0.63	
(J) Wet Wt. Soil & Rock (H-I)	6.03		5.73	
(K) Wt. Rock	Ø		Ø	
(L) Wet Wt. Soil (J-K)	6.03		5.73	
(M) Volume Rock $\left(\frac{K}{\text{Sp. Gr. X } 62.4}\right)$*	Ø		Ø	
(N) Adjusted Volume of Hole (G-M)*	0.0570		0.0557	
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	105.8		102.9	
MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P) Wet Wt. Moist. Sample		200.0		200.0
(Q) Dry Wt. Moist. Sample		172.7		173.9
(R) Wt. Water (P-Q)		27.3		26.1
(S) % Moisture (R ÷ Q)		15.8		15.0
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S + 100}\right)$		91.4		89.5
(U) Optimum Moisture		20.3		20.3
(V) Maximum Density		96.0		96.0
% Compaction (T ÷ V)		95.2%		93.2%
Difference from Optimum + or -		-4.5		-5.3

* Correction for + #4 Fraction

TESTED BY Joe Lindbom

COMPACTION DETERMINATION SAND CONE METHOD & ONE POINT COMPACTION TEST			DATE 3-11-98	
NAME Hunter Army Airfield				
PROJECT Fire Training Center Omega Const.			CONTRACT NO.	
Test No.	#34 Test		#35 Test	
Area i.e., Subgrade, site fill, backfill	SW Corner Pit.		Center W. Side Pit	
Station				
Offset				
Elevation	Final Lift.		1' Below Grade	
(A) Initial Wt. Jar & Sand	11.89		12.68	
(B) Wt. Jar & Sand Retained	3.65		3.92	
(C) Wt. Sand Used (A-B)	8.24		8.76	
(D) Wt. Sand in Cone & Plate	3.48		3.48	
(E) Sand Used in Hole (C-D)	4.76		5.28	
(F) Wt. Sand Per Cu. Ft.	86.6		86.6	
(G) Vol. Hole (E ÷ F)	0.0549		0.0609	
(H) Wet Wt. Rock & Soil	6.22		7.17	
(I) Wt. Container	0.64		0.66	
(J) Wet Wt. Soil & Rock (H-I)	5.58		6.51	
(K) Wt. Rock	Ø		Ø	
(L) Wet Wt. Soil (J-K)	5.58		6.51	
(M) Volume Rock $\left(\frac{K}{\text{Sp. Gr. X } 62.4}\right)$*	Ø		Ø	
(N) Adjusted Volume of Hole (G-M)*	0.0549		0.0609	
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	101.6		106.9	
MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P) Wet Wt. Moist. Sample		200.0		200.0
(Q) Dry Wt. Moist. Sample		175.8		172.4
(R) Wt. Water (P-Q)		24.2		27.6
(S) % Moisture (R ÷ Q)		13.8		16.0
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S + 100}\right)$		89.3		92.1
(U) Optimum Moisture		20.3		20.3
(V) Maximum Density		96.0		96.0
% Compaction (T ÷ V)		93.0		96.0
Difference from Optimum + or -		-6.5		-4.3
* Correction for + #4 Fraction			TESTED BY Joe Lindbom	

COMPACTION DETERMINATION
SAND CONE METHOD & ONE POINT COMPACTION TEST

DATE 3-11-98

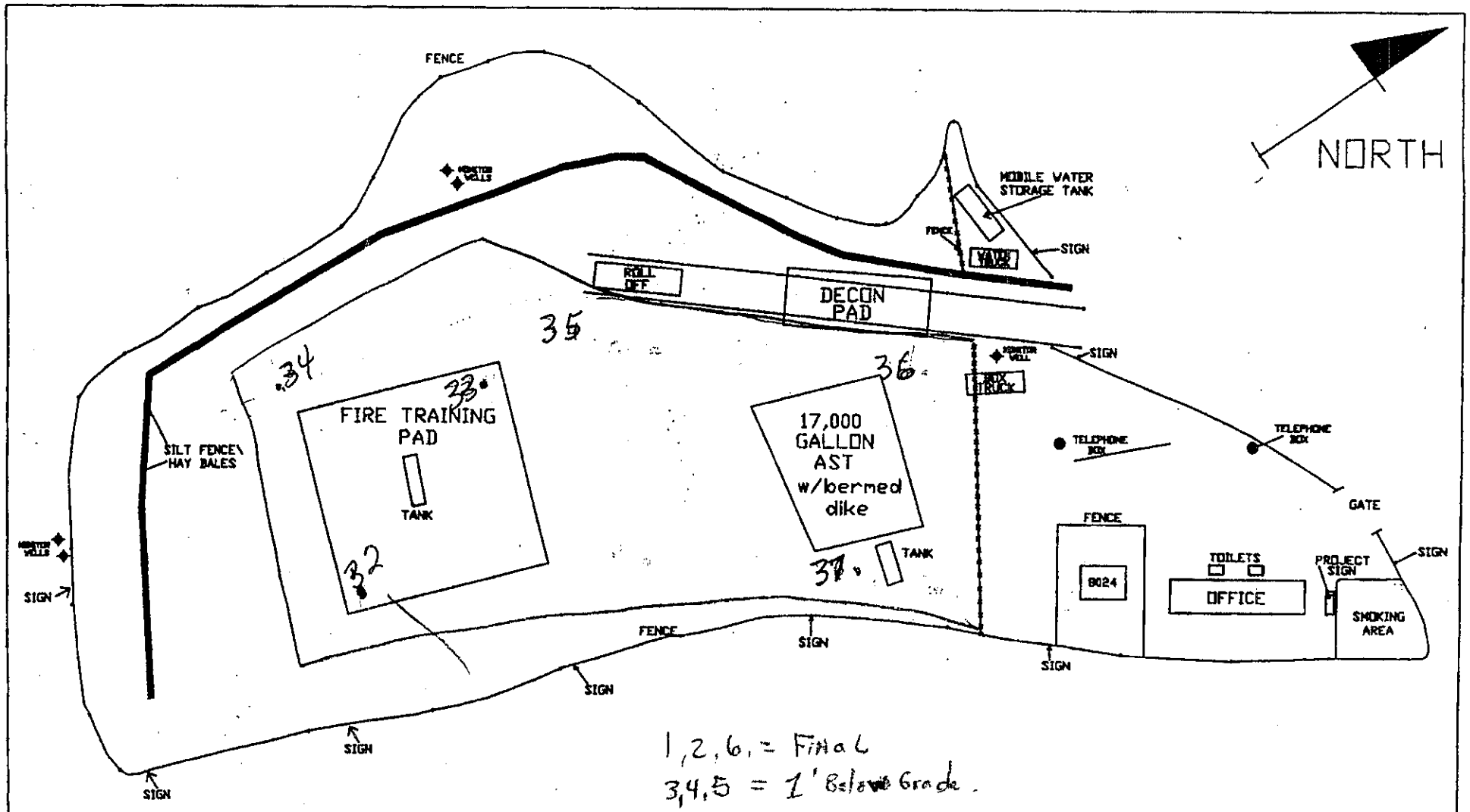
NAME Hunter Army Airfield

PROJECT Fire Training Center Omega Const- CONTRACT NO.

Test No.	#36 Test		#37 Test	
Area i.e., Subgrade, site fill, backfill	NW Corner Pit		NE Corner Pit	
Station				
Offset				
Elevation	1' Below Grade		Final Grade	
(A) Initial Wt. Jar & Sand	12.78		12.07	
(B) Wt. Jar & Sand Retained	4.15		3.80	
(C) Wt. Sand Used (A-B)	8.63		8.27	
(D) Wt. Sand in Cone & Plate	3.48		3.48	
(E) Sand Used in Hole (C-D)	5.15		4.79	
(F) Wt. Sand Per Cu. Ft.	86.6		86.6	
(G) Vol. Hole (E ÷ F)	0.0594		0.0553	
(H) Wet Wt. Rock & Soil	7.13		6.79	
(I) Wt. Container	0.63		0.66	
(J) Wet Wt. Soil & Rock (H-I)	6.50		6.13	
(K) Wt. Rock	Ø		Ø	
(L) Wet Wt. Soil (J-K)	6.50		6.13	
(M) Volume Rock $\left(\frac{K}{\text{Sp. Gr. X } 62.4}\right)$*	Ø		Ø	
(N) Adjusted Volume of Hole (G-M)*	0.0594		0.0553	
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	109.4		110.8	
MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P) Wet Wt. Moist. Sample		200.0		200.0
(Q) Dry Wt. Moist. Sample		171.1		169.6
(R) Wt. Water (P-Q)		28.9		30.4
(S) % Moisture (R ÷ Q)		16.9		17.9
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S + 100}\right)$		93.6		94.0
(U) Optimum Moisture		20.3		20.3
(V) Maximum Density		96.0		96.0
% Compaction (T ÷ V)		97.5 %		97.9 %
Difference from Optimum + or -		-3.4		-2.4

* Correction for + #4 Fraction

TESTED BY Joe Lindbom



ALL LOCATIONS ARE APPROXIMATE

APPROXIMATE SCALE: 1" = 50'

FIGURE 1

BASEMAP

FIRE TRAINING CENTER
HUNTER ARMY AIRFIELD
GEOSCIENCES JOB NO. MCE-97-626A

GEOSCIENCES, inc.

WHITAKER LABORATORY INC.
P.O. BOX 7081
SAVANNAH, GEORGIA 31418
2500 TREMONT RD. FAX 912/233-5061 912/234-0696

REPORT NO. 3/12/98-15 Test made DATE: 3/5/98

CLIENT: Omega Environmental Service Fill

PROJECT: Fire Training Center, HAAF
Geosciences Job# MCE-97-626A

FIELD DENSITY REPORT

NO.	% MOISTURE	DRY PCF	% COMPACTION	% COMP. REQ.	ONE-POINT PROCTOR
38	18.0	92.5	96.4	90	96.0
39	16.5	91.0	94.8	90	96.0
40	17.8	92.1	95.9	90	96.0

LOCATIONS & ELEVATIONS

38 S. W. corner of pit, final lift
39 Center W. side pit, final lift
40 N. W. corner of pit, final lift

Tests taken by Joe Lindbom

WHITAKER LABORATORY, INC.

by: _____
J. M. Whitaker

1 cc: Omega Environmental Services
Attn: John Mount
4661 Hammermill Road
Suite B
Tucker, GA 30084
Fax# 692-0508 - John Fleming
(770) 621-9414
1 cc: File

SUMMARY OF FIELD DENSITY TESTS

TEST NO.	DATE MADE 19 98	1. TYPE TEST	LOCATION OF TEST	EXCAVATION OR BORROW SOURCE	2. SOIL CLASS	FIELD IN-PLACE DATA: DRY DENSITY	FIELD IN-PLACE DATA: % MOISTURE	LABORATORY TEST DATA: ONE-POINT COMP. TEST WITH FAMILY OF CURVES: MAX. DRY DENSITY	LABORATORY TEST DATA: ONE-POINT COMP. TEST WITH FAMILY OF CURVES: OPT. MOIST. %	LABORATORY TEST DATA: ONE-POINT COMP. DRY (4" MOLD): 3. MAX. DRY DENSITY	FIELD AND LAB CORRELATION: 4. VAR. FROM OPT. -OR-	FIELD AND LAB CORRELATION: PERCENT COMPACTION	FIELD AND LAB CORRELATION: SPECIFIED COMPACTION	COMMENTS ON TEST
38	3/12		FINAL LIFT S.W. CORNER OF PIT			92.5	18.0	96.0	20.3		-2.3	96.4	90	
39	3/12		FINAL LIFT CENTER W. SIDE PIT			91.0	16.5	96.0	20.3		-3.8	94.8	90	
40	3/12		FINAL LIFT N.W. CORNER OF PIT			92.1	17.8	96.0	20.3		-2.5	95.9	90	

1. S Volume (SV), Moisture Content (MC)
2. When Soil Class. is estimated, note by letter (E).
3. [illegible] materials exhibiting flate or reversed shape compation curves.

COMPACTION DETERMINATION SAND CONE METHOD & ONE POINT COMPACTION TEST			DATE 3-12-98	
NAME Hunter Army Airfield				
PROJECT Fire Training Center (Omega Const)			CONTRACT NO.	
Test No.	#38 Test		#39 Test	
Area i.e., Subgrade, site fill, backfill	SW Corner Pit		Center W. Side Pit	
Station				
Offset				
Elevation	Final Lift		Final Lift	
(A) Initial Wt. Jar & Sand	12.56		12.62	
(B) Wt. Jar & Sand Retained	4.65		4.86	
(C) Wt. Sand Used (A-B)	7.91		7.76	
(D) Wt. Sand in Cone & Plate	3.48		3.48	
(E) Sand Used in Hole (C-D)	4.43		4.28	
(F) Wt. Sand Per Cu. Ft.	86.6		86.6	
(G) Vol. Hole (E ÷ F)	0.0511		0.0494	
(H) Wet Wt. Rock & Soil	6.23		5.87	
(I) Wt. Container	0.65		0.63	
(J) Wet Wt. Soil & Rock (H-I)	5.58		5.24	
(K) Wt. Rock	Ø		Ø	
(L) Wet Wt. Soil (J-K)	5.58		5.24	
(M) Volume Rock $\left(\frac{K}{Sp.\ Gr. \times 62.4}\right)$*	Ø		Ø	
(N) Adjusted Volume of Hole (G-M)*	0.0511		0.0494	
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	109.2		106.0	
MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P) Wet Wt. Moist. Sample		200.0		200.0
(Q) Dry Wt. Moist. Sample		169.5		171.6
(R) Wt. Water (P-Q)		30.5		28.4
(S) % Moisture (R ÷ Q)		18.0		16.5
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S+100}\right)$		92.5		91.0
(U) Optimum Moisture		20.3		20.3
(V) Maximum Density		96.0		96.0
% Compaction (T ÷ V)		96.4%		94.8%
Difference from Optimum + or -		-2.3		-3.8
* Correction for + #4 Fraction			TESTED BY Joe Lindbom	

COMPACTION DETERMINATION
SAND CONE METHOD & ONE POINT COMPACTION TEST

DATE 3-12-98

NAME Hunter Army Airfield

PROJECT Fire Training Center Omega Const.

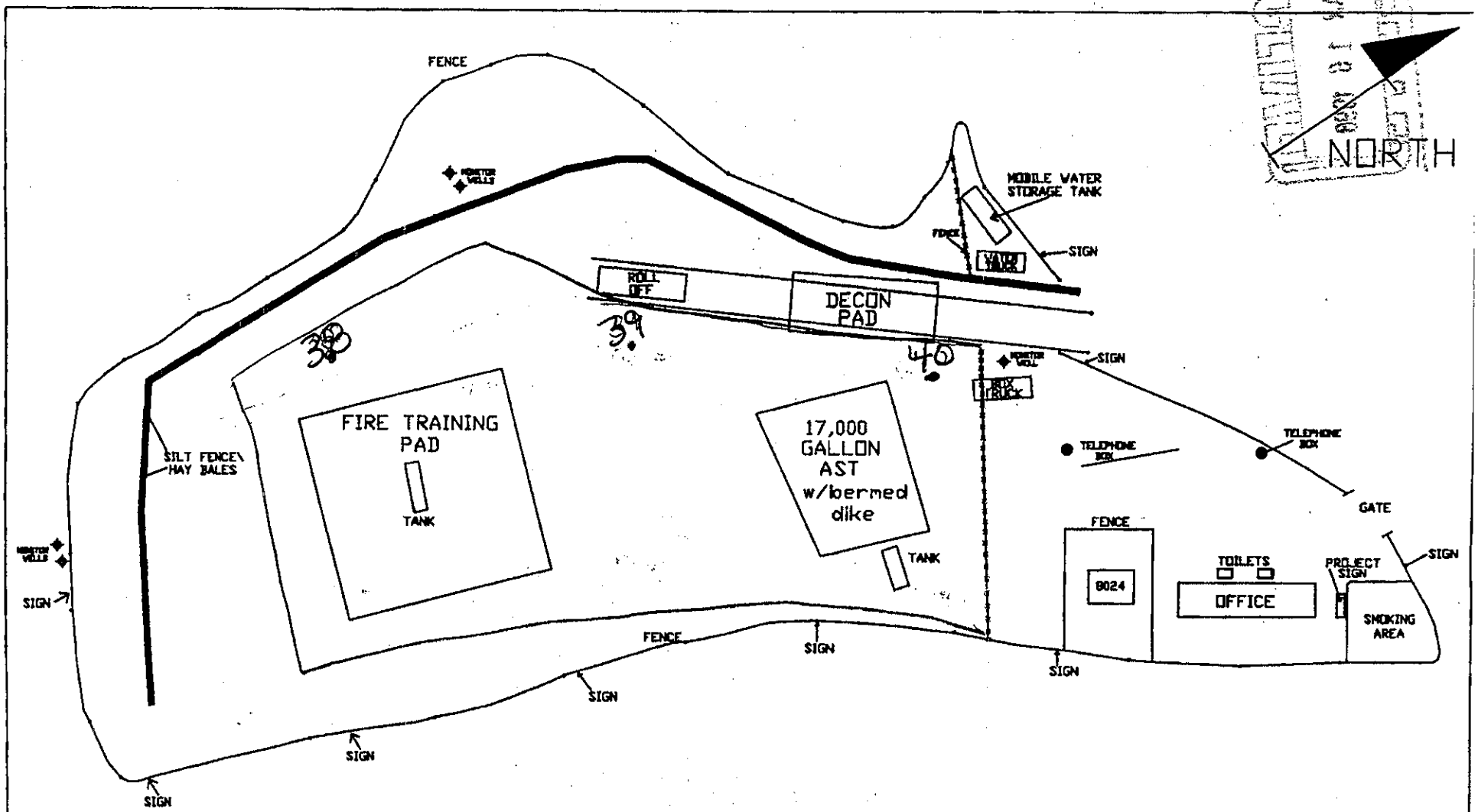
CONTRACT NO.

Test No.	#40 Test			
Area i.e., Subgrade, site fill, backfill	NW Corner Pit			
Station				
Offset				
Elevation	Final Grade			
(A) Initial Wt. Jar & Sand	12.49			
(B) Wt. Jar & Sand Retained	4.32			
(C) Wt. Sand Used (A-B)	8.17			
(D) Wt. Sand in Cone & Plate	3.48			
(E) Sand Used in Hole (C-D)	4.69			
(F) Wt. Sand Per Cu. Ft.	86.6			
(G) Vol. Hole (E ÷ F)	0.0541			
(H) Wet Wt. Rock & Soil	6.51			
(I) Wt. Container	0.64			
(J) Wet Wt. Soil & Rock (H-I)	5.87			
(K) Wt. Rock	0			
(L) Wet Wt. Soil (J-K)	5.87			
(M) Volume Rock $\left(\frac{K}{Sp.\ Gr.\ X\ 62.4}\right)$*	0			
(N) Adjusted Volume of Hole (G-M)*	0.0541			
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	108.5			
MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P) Wet Wt. Moist. Sample		200.0		
(Q) Dry Wt. Moist. Sample		169.8		
(R) Wt. Water (P-Q)		30.2		
(S) % Moisture (R ÷ Q)		17.8		
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S+100}\right)$		92.1		
(U) Optimum Moisture		20.3		20.2
(V) Maximum Density		96.0		96.0
% Compaction (T ÷ V)		95.9%		
Difference from Optimum + or -		-2.5		

* Correction for + #4 Fraction

TESTED BY Joe Lindbom

3-12-98



ALL LOCATIONS ARE APPROXIMATE

APPROXIMATE SCALE: 1" = 50'

FIGURE 1

BASEMAP

FIRE TRAINING CENTER
HUNTER ARMY AIRFIELD

GEOSCIENCES JOB NO. MCE-97-626A

GEOSCIENCES

WHITAKER LABORATORY INC.
P.O. BOX 7081
SAVANNAH, GEORGIA 31418
2500 TREMONT RD. FAX 912/233-5061 912/234-0696

REPORT NO. 3/6/98-17 Test made DATE: 3/6/98

CLIENT: Omega Environmental Services Fill

PROJECT: Fire Training Center, HAAF
Geosciences Job# MCE-97-626A

FIELD DENSITY REPORT

NO.	% MOISTURE	DRY PCF	% COMPACTION	% COMP. REQ.	ONE-POINT PROCTOR
26	17.2	91.9	95.7	90	96.0
27	19.0	94.5	98.4	90	96.0
28	18.5	92.3	96.1	90	96.0

LOCATIONS & ELEVATIONS

26 S.E. corner of tank pad, 1' below grade
27 N.W. corner of tank pad, 2' below grade
28 N.W. corner of tank pad, 1' below grade

Tests taken by Joe Lindbom

WHITAKER LABORATORY, INC.
by: _____
J. M. Whitaker

1 cc: Omega Environmental Services
Attn: John Mount
4661 Hammermill Road
Suite B
Tucker, GA 30084
Fax# 692-0508 - John Fleming
(770) 621-9414
1 cc: File

SUMMARY OF FIELD DENSITY TESTS

TEST NO.	DATE MADE 1998	1. TYPE TEST	LOCATION OF TEST	EXCAVATION OR BORROW SOURCE	2. SOIL CLASS	FIELD IN-PLACE DATA: DRY DENSITY	FIELD IN-PLACE DATA: % MOISTURE	LABORATORY TEST DATA: ONE-POINT COMP. TEST WITH FAMILY OF CURVES: MAX. DRY DENSITY	LABORATORY TEST DATA: ONE-POINT COMP. TEST WITH FAMILY OF CURVES: OPT. MOIST. %	LABORATORY TEST DATA: ONE-POINT COMP. DRY (4" MOLD) 3. MAX. DRY DENSITY	FIELD AND LAB CORRELATION: 4. VAR. FROM OPT. - OR -	FIELD AND LAB CORRELATION: PERCENT COMPACTION	FIELD AND LAB CORRELATION: SPECIFIED COMPACTION	COMMENT ON TEST
26	3/6		1' BELOW GRADE SE CORNER OF TANK PAD			91.9	17.2	96.0	20.3		-3.1	95.7	90	
27	3/6		2' BELOW GRADE N.W. CORNER OF TANK PAD			94.5	19.0	96.0	20.3		-1.3	98.4	90	
28	3/6		1' BELOW GRADE N.W. CORNER OF TANK PAD			92.3	18.5	96.0	20.3		-1.8	96.1	90	

1. Sand Volume (SV), Moisture Content (MC)
2. When Soil Class. is estimated, note by letter (E).
3. This method is used for control of sandy/cohesionless materials exhibiting flate or reversed shape compation curves.
4. Enter Difference between Optimum Moisture to Field Moisture

COMPACTION DETERMINATION SAND CONE METHOD & ONE POINT COMPACTION TEST			DATE 3-6-98	
NAME Hunter Army Airfield				
PROJECT Fire Training Center Omega Const			CONTRACT NO.	
Test No.	#26 Test		#27 Test	
Area i.e., Subgrade, site fill, backfill	SE Corner Tank Pad		NW Corner Tank Pad	
Station				
Offset				
Elevation	1' Below Grade		2' Below Grade	
(A) Initial Wt. Jar & Sand	11.46		11.82	
(B) Wt. Jar & Sand Retained	3.29		3.61	
(C) Wt. Sand Used (A-B)	8.17		8.21	
(D) Wt. Sand in Cone & Plate	3.48		3.48	
(E) Sand Used in Hole (C-D)	4.69		4.73	
(F) Wt. Sand Per Cu. Ft.	86.6		86.6	
(G) Vol. Hole (E ÷ F)	0.0541		0.0546	
(H) Wet Wt. Rock & Soil	6.48		6.80	
(I) Wt. Container	0.65		0.66	
(J) Wet Wt. Soil & Rock (H-I)	5.83		6.14	
(K) Wt. Rock	Ø		Ø	
(L) Wet Wt. Soil (J-K)	5.83		6.14	
(M) Volume Rock $\left(\frac{K}{\text{Sp. Gr. X } 62.4}\right)$*	Ø		Ø	
(N) Adjusted Volume of Hole (G-M)*	0.0541		0.0546	
(O) Wet Wt. Soil/Cu. Ft. (L ÷ N)	107.7		112.4	
MOISTURE DETERMINATION (See Note)	RAPID	OVEN	RAPID	OVEN
(P) Wet Wt. Moist. Sample		200.0		200.0
(Q) Dry Wt. Moist. Sample		170.6		168.0
(R) Wt. Water (P-Q)		29.4		32.0
(S) % Moisture (R ÷ Q)		17.2		19.0
(T) Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S + 100}\right)$		91.9		94.5
(U) Optimum Moisture		20.3		20.3
(V) Maximum Density		96.0		96.0
% Compaction (T ÷ V)		95.7%		98.4%
Difference from Optimum + or -		-3.1		-1.3
* Correction for + #4 Fraction			TESTED BY Joe Lindbom	

COMPACTION DETERMINATION
SAND CONE METHOD & ONE POINT COMPACTION TEST

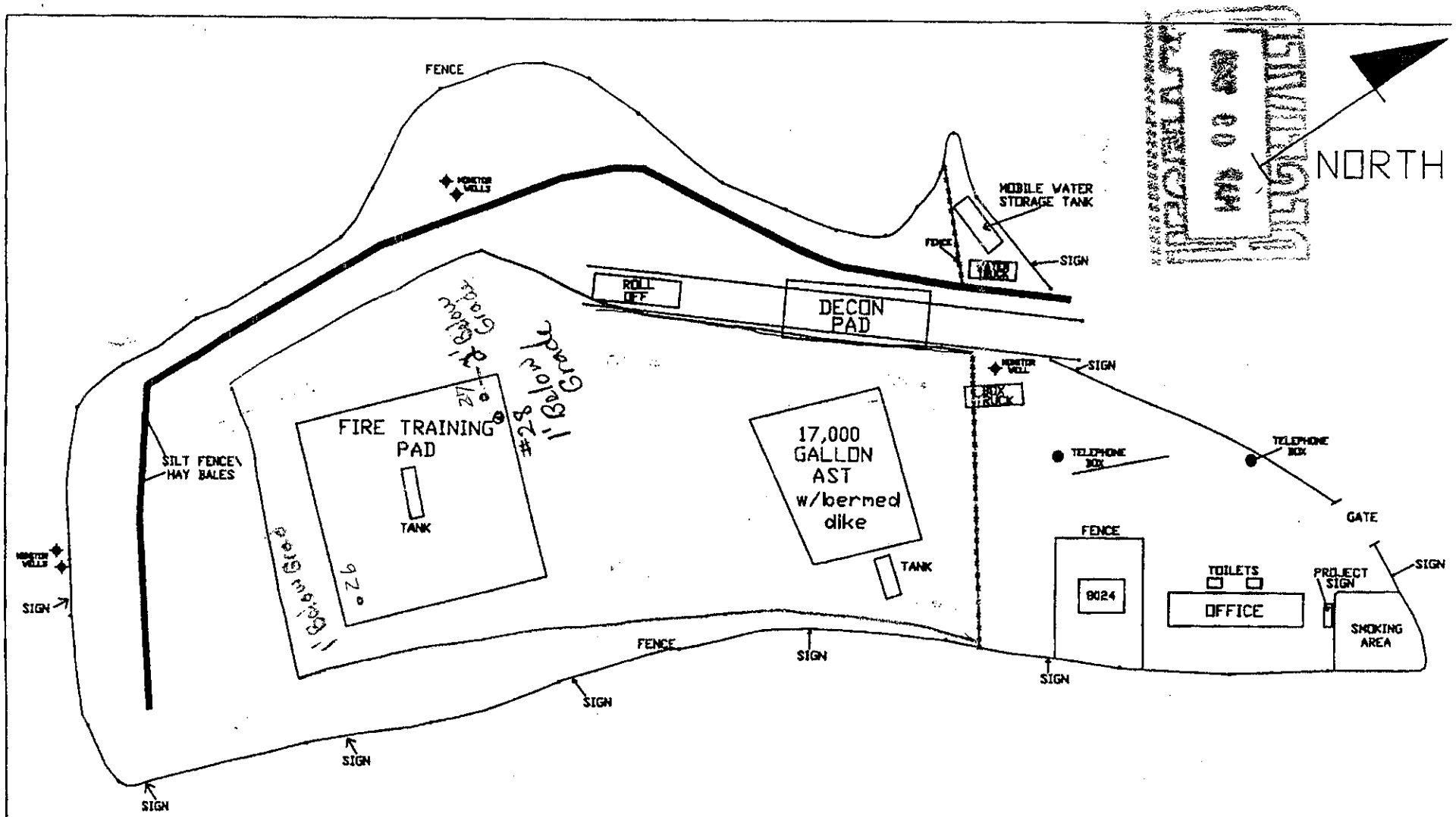
DATE 3-6-98

NAME Hunter Army Airfield
PROJECT Fire Training Center Mega Const.
CONTRACT NO.

	Test No.	#28 Test		
	Area i.e., Subgrade, site fill, ~~backfill~~	NW Corner Tank Pad		
	Station			
	Offset			
	Elevation	1' Below Grade		
(A)	Initial Wt. Jar & Sand	11.64		
(B)	Wt. Jar & Sand Retained	3.12		
(C)	Wt. Sand Used (A-B)	8.52		
(D)	Wt. Sand in Cone & Plate	3.48		
(E)	Sand Used in Hole (C-D)	5.04		
(F)	Wt. Sand Per Cu. Ft.	86.6		
(G)	Vol. Hole (E ÷ F)	0.0582		
(H)	Wet Wt. Rock & Soil	7.00		
(I)	Wt. Container	0.63		
(J)	Wet Wt. Soil & Rock (H-I)	6.37		
(K)	Wt. Rock	0		
(L)	Wet Wt. Soil (J-K)	6.37		
(M)	Volume Rock $\left(\frac{K}{\text{Sp. Gr. X } 62.4}\right)$*	0		
(N)	Adjusted Volume of Hole (G-M)*	0.0582		
(O)	Wet Wt. Soil/Cu. Ft. (L ÷ N)	109.4		
MOISTURE DETERMINATION (See Note)		RAPID	OVEN	RAPID	OVEN
(P)	Wet Wt. Moist. Sample		200.0		
(Q)	Dry Wt. Moist. Sample		168.8		
(R)	Wt. Water (P-Q)		31.2		
(S)	% Moisture (R ÷ Q)		18.5		
(T)	Dry Wt. Lbs. Cu. Ft. $\left(\frac{0}{S + 100}\right)$		92.3		
(U)	Optimum Moisture		20.3		
(V)	Maximum Density		96.0		
% Compaction (T ÷ V)			96.1 %		
Difference from Optimum + or -			-1.8		

* Correction for + #4 Fraction

TESTED BY Joe Lindbom



ALL LOCATIONS ARE APPROXIMATE

APPROXIMATE SCALE: 1" = 50'

FIGURE 1

BASEMAP

FIRE TRAINING CENTER
HUNTER ARMY AIRFIELD
GEOSCIENCES JOB NO. MCF-97-626A

GEOSCIENCES inc

PRELIMINARY RESULTS
IMMUNOASSAY SCREENING
FIRE TRAINING AREA
HUNTER ARMY AIRFIELD, GEORGIA
CONTRACT NO. DACA21 - 97 - C- 0042

SAMPLE NUMBER	DATE	OPTICAL DENSITY	TPH (DRO) RANGE (ppm)
NEG. CONTROL	*2/13/98*	*1.16*	
14	*2/13/98*	*1.13*	
91	*2/13/98*	*0.65*	
592	*2/13/98*	*0.23*	
EB-K5-S	2/13/98	0.04	>592
EB-L5-S	2/13/98	0.04	>592
NEG. CONTROL	*2/16/98*	*2.25*	
14	*2/16/98*	*1.68*	
91	*2/16/98*	*0.99*	
592	*2/16/98*	*0.33*	
EB-J5-S	2/16/98	1.96	<14
EB-J6-S	2/16/98	0.07	>592
EB-J7-S	2/16/98	0.04	>592
EB-J8-S	2/16/98	0.05	>592
EB-K6-S	2/16/98	0.05	>592
EB-K7-S	2/16/98	0.03	>592
EB-K7-S (DUP)	2/16/98	0.05	>592
EB-K8-S	2/16/98	0.10	>592
EB-I5-S	2/16/98	0.56	>592
EB-I5-S (DUP)	2/16/98	0.73	91-592

EB-I7-S	2/16/98	0.08	>592
EB-I8-S	2/16/98	0.07	>592
EB-L6-S	2/16/98	0.08	>592
EB-L7-S	2/16/98	0.06	>592
EB-L8-S	2/16/98	0.05	>592

PRELIMINARY RESULTS
IMMUNOASSAY SCREENING
FIRE TRAINING AREA
HUNTER ARMY AIRFIELD, GEORGIA
CONTRACT NO. DACA21 - 97 - C- 0042

SAMPLE NUMBER	DATE	OPTICAL DENSITY	TPH (DRO) RANGE (ppm)
NEG. CONTROL	*2/18/98*	*1.62*	
14	*2/18/98*	*1.48*	
91	*2/18/98*	*0.78*	
592	*2/18/98*	*0.28*	
EB-E8-S	2/18/98	1.16	14-91
EB-F8-S	2/18/98	0.04	>592
EB-G8-S	2/18/98	0.06	>592
EB-G8-S (DUP)	2/18/98	0.04	>592
EB-H8-S	2/18/98	0.05	>592
EB-I6-S	2/18/98	0.05	>592
EB-I4-S	2/18/98	1.45	14-91
EB-J4-S	2/18/98	1.48	14
EB-K4-S	2/18/98	0.03	>592

PRELIMINARY RESULTS
IMMUNOASSAY SCREENING
FIRE TRAINING AREA
HUNTER ARMY AIRFIELD, GEORGIA
CONTRACT NO. DACA21 - 97 - C- 0042

SAMPLE NUMBER	DATE	OPTICAL DENSITY	TPH (DRO) RANGE (ppm)
NEG. CONTROL	*2/24/98*	*1.96*	0
Standard 14	*2/24/98*	*1.28*	14
Standard 91	*2/24/98*	*0.85*	91
Standard 592	*2/24/98*	*0.33*	592
EB-H6-S	2/24/98	0.07	>592
EB-E6-S	2/24/98	0.06	>592
EB-E7-S	2/24/98	0.05	>592
EB-F5-S	2/24/98	1.55	<14
EB-H7-S	2/24/98	0.05	>592
EB-H7-S (DUP)	2/24/98	0.06	>592
EB-F6-S	2/24/98	0.03	>592
EB-G7-S	2/24/98	0.04	>592
EB-G6-S	2/24/98	0.04	>592
EB-F7-S	2/24/98	0.02	>592
EB-G5-S	2/25/98	0.03	>592
EB-H4-S	2/25/98	0.04	>592

12824

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: Omega Environmental Services Inc
Billing address:
Address: 4616 Hammermill Road Suite B Tucker GA 30084
Client P.O. #
Report Sent to: (Client Contact): Geosciences Inc. Travis Sheppard
Contact Phone # 912-757-1606 Fax # 912-757-1608
Project Name: Hunter Fire Training Area
Project Number: Co # DACA21-97-C-0042

For Laboratory Use Only

Custody Seal: Y N
Page 1 OF 1
QC Level: N 1 2 3 4
Init/Temp: BAN 3°C
Sample Condition: GOOD
AAL Lab Project # 156160

Samplers: (signature) Mary Sargent
Samplers: (printed) Mary Sargent

Sample ID #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Sample Location:	No. of Containers	TPH (DRO)	VOC							Remarks	Accura Sample ID No. AB
EB-J6-S-QC	2/16/98		✓	S			1	✓									37596
EB-J6-S-TB	2/16/98		✓	W			1	✓	✓								37597

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
Mary Sargent	2/16/98 1345	Michael Trinidad	2-17-98 / 09:30	
Relinquished By:	**Date / Time**	**Received By:**	**Date / Time**	**Turnaround Time Requested:**

Matrix Guide: (S = Soil) (W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (F = Foods) (M = Miscellaneous)

COC97-2.XLS

ACCURA ANALYTICAL LABORATORY, INC.
6017 Financial Drive, Norcross, Georgia, 30071, Phone (770) 449-8800

CASE NARRATIVE for Project Number: 15660
Client Project: Hunter Fire Training Area / CO# DACA21-97-C-CO42

The following items were noted with this project:

1. The following sample required dilution due to high analyte concentration, resulting in an elevated detection limit:

   DRO - SW-846-8015
   EB-J6-S-QC

2. The surrogate was diluted out for the following sample analysis; therefore no recovery could be reported:

   DRO - SW-846-8015
   EB-J6-S-QC

3. The DRO hit for sample EB-J6-S-QC appears to be a light hydrocarbon, such as kerosene.

Quality Assurance

Client Services Representative

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB37596 **Accura Project #: 15660**

Client: Omega Env. Services - Tucker Date Sampled: 2/16/98

Client Contact: T. SHEPPARD Date Received: 2/17/98

Client Project Number: CO# DACAZ1-97-C-0042 Date Reported: 2/19/98

Client Project Name: HUNTER FIRE TRAINING AREA Sample Matrix: SOIL

Client Sample ID: EB-J6-S-QC

ANALYSIS: Diesel Range Organics (DRO) Method Ref: 3550A/8015

Date Analyzed: 2/19/98 Date Ext/Dig/Prep: 2/18/98 Result Units: mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Diesel Range Organics (DRO)	9,200	1000

ANALYSIS: X DRO QC Surrogates (Soil) Method Ref: 3550A/8015

Date Analyzed: 2/19/98 Date Ext/Dig/Prep: 2/18/98 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
o-Terphenyl	See narrative	0

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LABORATORY REPORT

Accura Sample ID #: AB37597 **Accura Project #: 15660**

Client: Omega Env. Services - Tucker Date Sampled: 2/16/98

Client Contact: T. SHEPPARD Date Received: 2/17/98

Client Project Number: CO# DACAZ1-97-C-0042 Date Reported: 2/19/98

Client Project Name: HUNTER FIRE TRAINING AREA Sample Matrix: WATER

Client Sample ID: EB-J6-S-TB

ANALYSIS: VOC's Method Ref: 5030A/8260A

Date Analyzed: 2/18/98 Date Ext/Dig/Prep: 2/18/98 Result Units: ug/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	5
1,1,2,2-Tetrachloroethane	<RDL	5
1,1,2-Trichloroethane	<RDL	5
1,1-Dichloroethane	<RDL	5
1,1-Dichloroethene	<RDL	5
1,2-Dichlorobenzene	<RDL	5
1,2-Dichloroethane	<RDL	5
1,2-Dichloropropane	<RDL	5
1,3-Dichlorobenzene	<RDL	5
1,4-Dichlorobenzene	<RDL	5
2-Butanone (MEK)	<RDL	50
2-Chloroethylvinyl ether	<RDL	10
2-Hexanone	<RDL	50
4-Methyl-2-pentanone (MIBK)	<RDL	50
Acetone	<RDL	50
Benzene	<RDL	5
Bromodichloromethane	<RDL	5
Bromoform	<RDL	5
Bromomethane	<RDL	5
Carbon disulfide	<RDL	5
Carbon tetrachloride	<RDL	5
Chlorobenzene	<RDL	5
Chloroethane	<RDL	5
Chloroform	<RDL	5
Chloromethane	<RDL	5
cis-1,2-Dichloroethene	<RDL	5
cis-1,3-Dichloropropene	<RDL	5
Dibromochloromethane	<RDL	5
Ethylbenzene	<RDL	5
Methylene chloride	<RDL	5
Styrene	<RDL	5
Tetrachloroethene	<RDL	5

Toluene	<RDL	5
trans-1,2-Dichloroethene	<RDL	5
trans-1,3-Dichloropropene	<RDL	5
Trichloroethene	<RDL	5
Trichlorofluoromethane	<RDL	5
Vinyl acetate	<RDL	100
Vinyl chloride	<RDL	2
Xylenes (Total)	<RDL	5

ANALYSIS: X VOC QC Surrogates (Waters) Method Ref: 8260A

Date Analyzed: 2/18/98 Date Ext/Dig/Prep: 2/18/98 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	93	0
4-Bromofluorobenzene	96	0
Toluene-d8	99	0

Accura Analytical Laboratory, Inc.

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB37598 **Accura Project #: 15660**

Client: Omega Env. Services - Tucker Date Sampled: 2/16/98

Client Contact: T. SHEPPARD Date Received: 2/17/98

Client Project Number: CO# DACAZ1-97-C-0042 Date Reported: 2/19/98

Client Project Name: HUNTER FIRE TRAINING AREA Sample Matrix: SOIL

Client Sample ID: METHOD BLANK

ANALYSIS: Diesel Range Organics (DRO) Method Ref: 3550A/8015

Date Analyzed: 2/18/98 Date Ext/Dig/Prep: 2/18/98 Result Units: mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Diesel Range Organics (DRO)	<RDL	10

ANALYSIS: X DRO QC Surrogates (Soil) Method Ref: 3550A/8015

Date Analyzed: 2/18/98 Date Ext/Dig/Prep: 2/18/98 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
o-Terphenyl	77	0

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LABORATORY REPORT

Accura Sample ID #: AB37599 **Accura Project #: 15660**

Client: Omega Env. Services - Tucker Date Sampled: 2/16/98

Client Contact: T. SHEPPARD Date Received: 2/17/98

Client Project Number: CO# DACAZ1-97-C-0042 Date Reported: 2/19/98

Client Project Name: HUNTER FIRE TRAINING AREA Sample Matrix: WATER

Client Sample ID: METHOD BLANK

ANALYSIS: VOC's Method Ref: 5030A/8260A

Date Analyzed: 2/18/98 Date Ext/Dig/Prep: 2/18/98 Result Units: ug/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	5
1,1,2,2-Tetrachloroethane	<RDL	5
1,1,2-Trichloroethane	<RDL	5
1,1-Dichloroethane	<RDL	5
1,1-Dichloroethene	<RDL	5
1,2-Dichlorobenzene	<RDL	5
1,2-Dichloroethane	<RDL	5
1,2-Dichloropropane	<RDL	5
1,3-Dichlorobenzene	<RDL	5
1,4-Dichlorobenzene	<RDL	5
2-Butanone (MEK)	<RDL	50
2-Chloroethylvinyl ether	<RDL	10
2-Hexanone	<RDL	50
4-Methyl-2-pentanone (MIBK)	<RDL	50
Acetone	<RDL	50
Benzene	<RDL	5
Bromodichloromethane	<RDL	5
Bromoform	<RDL	5
Bromomethane	<RDL	5
Carbon disulfide	<RDL	5
Carbon tetrachloride	<RDL	5
Chlorobenzene	<RDL	5
Chloroethane	<RDL	5
Chloroform	<RDL	5
Chloromethane	<RDL	5
cis-1,2-Dichloroethene	<RDL	5
cis-1,3-Dichloropropene	<RDL	5
Dibromochloromethane	<RDL	5
Ethylbenzene	<RDL	5
Methylene chloride	<RDL	5
Styrene	<RDL	5
Tetrachloroethene	<RDL	5

Toluene	<RDL	5
trans-1,2-Dichloroethene	<RDL	5
trans-1,3-Dichloropropene	<RDL	5
Trichloroethene	<RDL	5
Trichlorofluoromethane	<RDL	5
Vinyl acetate	<RDL	100
Vinyl chloride	<RDL	2
Xylenes (Total)	<RDL	5

ANALYSIS: X VOC QC Surrogates (Waters) Method Ref: 8260A

Date Analyzed: 2/18/98 Date Ext/Dig/Prep: 2/18/98 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	94	0
4-Bromofluorobenzene	99	0
Toluene-d8	99	0

Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LAB, INC.
6017 FINANCIAL DRIVE
NORCROSS GA 30071

FEB 28 '97

Omega Environmental Services
4661 Hammermill Rd., Suite B
Tucker, GA 30084
ATTN: Travis Sheppard

30084X6666

00678

ACCURA ANALYTICAL LABORATORY, INC.

Environmental Analytical Services

6017 Financial Drive, Norcross, GA 30071-2925
Phone # (770) 449-8800 Fax # (770) 449-5477

CHAIN OF CUSTODY

Company Name: Omega Environmental Services, Inc (OES)
Address: 4667 Hammermill Rd. Suite B Tucker, GA 30084
Contact Name: Geosciences Inc / Travis Sheppard
Contact Phone # (912) 757-1606 Fax # (912) 757-1608
Project Name: Hunter Army Airfield / Fire Training Area
Client Project # DACA 21-97-C-0042
Client P.O. #

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Custody Seal: Y N Page 1 OF 1
QC Level: N 1 2 3 4 Init/Temp: BON 4°C
Entered into LIMS: BON AAL Project # 15771
Sample Condition: GOOD

Samplers: (signature): [signature]
Samplers: (printed): Travis Sheppard

ANALYSIS REQUESTED

Station #	Sample Date / Time	Comp	Grab	Matrix	Preserved	Station Location:	No. of Containers	TPH DRO	VOCs							Remarks	AAL#: AB
EB-E7-S-QC	2/24/98		✓	S	4°		1	✓									38167
EB-H6-S-QC	2/24/98		✓	S	4°		1	✓									38168
EB-G5-S-QC	2/25/98		✓	S	4°		1	✓									38169
~~2-25-TB~~																	~~38170~~
EB-H6-G5-E7-TB	2/25/98						2		✓								38170

Relinquished By:	Date / Time	Received By:	Date / Time	Special Requirements Or Remarks:
[signature]	2-25-98	Brittany Wade	2/26/98 10:00am	
Relinquished By:	**Date / Time**	**Received At Laboratory By:**	**Date / Time**	**Turnaround Time Requested:**

(W = Water) (L = Liquid) (C = Cartridge) (SL = Sludge) (A = Air Sample) (PC = Paint Chips) (F = Foods) (M = Miscellaneous)

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia, 30071, Phone (770) 449-8800

CASE NARRATIVE for Project Number: 15771
Client Project: Hunter Army Airfield / Fire Training Area / DACA 21-97-C-0042

The following items were noted concerning this project:

1. The following samples required dilution due to high analyte concentration, resulting in elevated detection limits:.

   Diesel Range Organics (DRO) - SW-846-8015
   EB-E7-S-QC EB-H6-S-QC EB-G5-S-QC

2. The DRO hits appearing in the following samples appear to be due to light hydrocarbons such as kerosene:

   EB-E7-S-QC EB-H6-S-QC EB-G5-S-QC

3. The surrogates were diluted out for the following samples; therefore no recoveries could be reported:

   Diesel Range Organics (DRO) - SW-846-8015
   EB-E7-S-QC EB-H6-S-QC EB-G5-S-QC

Quality Assurance

Client Services Representative

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38167 **Accura Project #: 15771**

Client: Omega Env. Services - Tucker Date Sampled: 2/24/98

Client Contact: T. SHEPPARD Date Received: 2/26/98

Client Project Number: DACA 21-97-C-0042 Date Reported: 3/5/98

Client Project Name: HUNTER ARMY AIRFIELD/FIRE TRAINING AREA Sample Matrix: SOIL

Client Sample ID: EB-E7-S-QC

ANALYSIS: Diesel Range Organics (DRO) Method Ref: 3550A/8015

Date Analyzed: 3/4/98 Date Ext/Dig/Prep: 3/3/98 Result Units: mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Diesel Range Organics (DRO)	1,100	200

ANALYSIS: X DRO QC Surrogates (Soil) Method Ref: 3550A/8015

Date Analyzed: 3/4/98 Date Ext/Dig/Prep: 3/3/98 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
o-Terphenyl	See narrative	0

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38168 **Accura Project #: 15771**

Client: Omega Env. Services - Tucker Date Sampled: 2/24/98

Client Contact: T. SHEPPARD Date Received: 2/26/98

Client Project Number: DACA 21-97-C-0042 Date Reported: 3/5/98

Client Project Name: HUNTER ARMY AIRFIELD/FIRE TRAINING AREA Sample Matrix: SOIL

Client Sample ID: EB-H6-S-QC

ANALYSIS: Diesel Range Organics (DRO) Method Ref: 3550A/8015

Date Analyzed: 3/4/98 Date Ext/Dig/Prep: 3/3/98 Result Units: mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Diesel Range Organics (DRO)	1,000	100

ANALYSIS: X DRO QC Surrogates (Soil) Method Ref: 3550A/8015

Date Analyzed: 3/4/98 Date Ext/Dig/Prep: 3/3/98 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
o-Terphenyl	See narrative	0

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LABORATORY REPORT

Accura Sample ID #: AB38169 **Accura Project #: 15771**

Client: Omega Env. Services - Tucker Date Sampled: 2/25/98

Client Contact: T. SHEPPARD Date Received: 2/26/98

Client Project Number: DACA 21-97-C-0042 Date Reported: 3/5/98

Client Project Name: HUNTER ARMY AIRFIELD/FIRE TRAINING AREA Sample Matrix: SOIL

Client Sample ID: EB-G5-S-QC

ANALYSIS: Diesel Range Organics (DRO) Method Ref: 3550A/8015

Date Analyzed: 3/4/98 Date Ext/Dig/Prep: 3/3/98 Result Units: mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Diesel Range Organics (DRO)	290	200

ANALYSIS: X DRO QC Surrogates (Soil) Method Ref: 3550A/8015

Date Analyzed: 3/4/98 Date Ext/Dig/Prep: 3/3/98 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
o-Terphenyl	See narrative	0

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38170 **Accura Project #: 15771**

Client: Omega Env. Services - Tucker Date Sampled: 2/25/98

Client Contact: T. SHEPPARD Date Received: 2/26/98

Client Project Number: DACA 21-97-C-0042 Date Reported: 3/5/98

Client Project Name: HUNTER ARMY AIRFIELD/FIRE TRAINING AREA Sample Matrix: WATER

Client Sample ID: EB-H6-G5-E7-TB

ANALYSIS: VOC's Method Ref: 5030A/8260A

Date Analyzed: 2/26/98 Date Ext/Dig/Prep: 2/26/98 Result Units: ug/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	5
1,1,2,2-Tetrachloroethane	<RDL	5
1,1,2-Trichloroethane	<RDL	5
1,1-Dichloroethane	<RDL	5
1,1-Dichloroethene	<RDL	5
1,2-Dichlorobenzene	<RDL	5
1,2-Dichloroethane	<RDL	5
1,2-Dichloropropane	<RDL	5
1,3-Dichlorobenzene	<RDL	5
1,4-Dichlorobenzene	<RDL	5
2-Butanone (MEK)	<RDL	50
2-Chloroethylvinyl ether	<RDL	10
2-Hexanone	<RDL	50
4-Methyl-2-pentanone (MIBK)	<RDL	50
Acetone	<RDL	50
Benzene	<RDL	5
Bromodichloromethane	<RDL	5
Bromoform	<RDL	5
Bromomethane	<RDL	5
Carbon disulfide	<RDL	5
Carbon tetrachloride	<RDL	5
Chlorobenzene	<RDL	5
Chloroethane	<RDL	5
Chloroform	<RDL	5
Chloromethane	<RDL	5
cis-1,2-Dichloroethene	<RDL	5
cis-1,3-Dichloropropene	<RDL	5
Dibromochloromethane	<RDL	5
Ethylbenzene	<RDL	5
Methylene chloride	<RDL	5
Styrene	<RDL	5
Tetrachloroethene	<RDL	5

Toluene	<RDL	5
trans-1,2-Dichloroethene	<RDL	5
trans-1,3-Dichloropropene	<RDL	5
Trichloroethene	<RDL	5
Trichlorofluoromethane	<RDL	5
Vinyl acetate	<RDL	100
Vinyl chloride	<RDL	2
Xylenes (Total)	<RDL	5

ANALYSIS: X VOC QC Surrogates (Waters) Method Ref: 8260A

Date Analyzed: 2/26/98 Date Ext/Dig/Prep: 2/26/98 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	92	0
4-Bromofluorobenzene	105	0
Toluene-d8	104	0

Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

6017 Financial Drive, Norcross, Georgia 30017, Phone (770)449-8800, FAX (770)449-5477

FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38171 **Accura Project #: 15771**

Client: Omega Env. Services - Tucker Date Sampled: 2/24/98

Client Contact: T. SHEPPARD Date Received: 2/26/98

Client Project Number: DACA 21-97-C-0042 Date Reported: 3/5/98

Client Project Name: HUNTER ARMY AIRFIELD/FIRE TRAINING AREA Sample Matrix: SOIL

Client Sample ID: METHOD BLANK

ANALYSIS: Diesel Range Organics (DRO) Method Ref: 3550A/8015

Date Analyzed: 3/4/98 Date Ext/Dig/Prep: 3/3/98 Result Units: mg/Kg

Analyte Name	Analytical Results	Reported Detection Limits
Diesel Range Organics (DRO)	<RDL	10

ANALYSIS: X DRO QC Surrogates (Soil) Method Ref: 3550A/8015

Date Analyzed: 3/4/98 Date Ext/Dig/Prep: 3/3/98 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
o-Terphenyl	66	0

Accura Analytical Laboratory, Inc.

ACCURA ANALYTICAL LABORATORY, INC.

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FL Certification # E87429 NC Certification # 483 SC Certification # 98015 USACE-MRD Approved

LABORATORY REPORT

Accura Sample ID #: AB38172 **Accura Project #: 15771**

Client: Omega Env. Services - Tucker Date Sampled: 2/24/98

Client Contact: T. SHEPPARD Date Received: 2/26/98

Client Project Number: DACA 21-97-C-0042 Date Reported: 3/5/98

Client Project Name: HUNTER ARMY AIRFIELD/FIRE TRAINING AREA Sample Matrix: WATER

Client Sample ID: METHOD BLANK

ANALYSIS: VOC's Method Ref: 5030A/8260A

Date Analyzed: 2/26/98 Date Ext/Dig/Prep: 2/26/98 Result Units: ug/L

Analyte Name	Analytical Results	Reported Detection Limits
1,1,1-Trichloroethane	<RDL	5
1,1,2,2-Tetrachloroethane	<RDL	5
1,1,2-Trichloroethane	<RDL	5
1,1-Dichloroethane	<RDL	5
1,1-Dichloroethene	<RDL	5
1,2-Dichlorobenzene	<RDL	5
1,2-Dichloroethane	<RDL	5
1,2-Dichloropropane	<RDL	5
1,3-Dichlorobenzene	<RDL	5
1,4-Dichlorobenzene	<RDL	5
2-Butanone (MEK)	<RDL	50
2-Chloroethylvinyl ether	<RDL	10
2-Hexanone	<RDL	50
4-Methyl-2-pentanone (MIBK)	<RDL	50
Acetone	<RDL	50
Benzene	<RDL	5
Bromodichloromethane	<RDL	5
Bromoform	<RDL	5
Bromomethane	<RDL	5
Carbon disulfide	<RDL	5
Carbon tetrachloride	<RDL	5
Chlorobenzene	<RDL	5
Chloroethane	<RDL	5
Chloroform	<RDL	5
Chloromethane	<RDL	5
cis-1,2-Dichloroethene	<RDL	5
cis-1,3-Dichloropropene	<RDL	5
Dibromochloromethane	<RDL	5
Ethylbenzene	<RDL	5
Methylene chloride	<RDL	5
Styrene	<RDL	5
Tetrachloroethene	<RDL	5

Toluene	<RDL	5
trans-1,2-Dichloroethene	<RDL	5
trans-1,3-Dichloropropene	<RDL	5
Trichloroethene	<RDL	5
Trichlorofluoromethane	<RDL	5
Vinyl acetate	<RDL	100
Vinyl chloride	<RDL	2
Xylenes (Total)	<RDL	5

ANALYSIS: X VOC QC Surrogates (Waters) Method Ref: 8260A

Date Analyzed: 2/26/98 Date Ext/Dig/Prep: 2/26/98 Result Units: %

Analyte Name	Analytical Results	Reported Detection Limits
1,2-Dichloroethane-d4	86	0
4-Bromofluorobenzene	99	0
Toluene-d8	96	0

Accura Analytical Laboratory, Inc.

TRANSMITTAL OF SAD LABORATORY REPORT(S)

TO: Commander, Savannah District US Army Corps of Engineers ATTN: CESAS-PM-H Mr. Brent Rose P.O. Box 889 Savannah, GA 31402-0889	**FROM:** Director (CESAS-EN-L) SAD Laboratory USACE 611 South Cobb Drive Marietta, GA 30060-3112
PROJECT: Hunter AAF - Fire Training Area	**REQN NO:** W33SJG80797577 **W.O. NO:** 8400

SUBJECT: Analytical Testing Results

1. Enclosed is our report of analytical test results and chain of custody forms for one sample collected on 16 February 1998 from Hunter AAF.

2. If you have any questions, please call Mr. Blaise Willis at 770-919-5295 or me at 770-919-3990.

SUBMITTED BY:	SIGNATURE:	DATE:
WILLIAM L. TISON, P. E. Director, SAD Laboratory		30 Mar 1998

South Atlantic Division Laboratory
U. S. Army Corps of Engineers
611 South Cobb Drive
Marietta, Georgia 30060-3112

istrict - SAVANNAH
ate Received - 98/02/17
Date Reported - 98/03/03 11:00:50

HUNTER ARMY AIRFIELD, GA
Requisition - W33SJG80283594
Work Order - 8379 Job Number - 5482

Lab #	Field ID	Date Sampled	Time Sampled
34939	EB-J6-S-QA	98/02/16	00:00

Test Performed	Result	Units	Tested By	Test Date
TOTAL SOLIDS, % OF WET	89.00	%	SPA	98/02/24
HEAVY FUEL ID (8015 MOD)	*		SPA	98/02/24

*NOTE: See Attached

Sampled by District Personnel

Checked by: JWS

Signed by:

Blaise Willis

Blaise Willis
Chemist

Sheet 1 of 1

Army Corps of Engineers

Work Order #_____ Job #_____

Chain of Custody Reco

(ER 1110-1-263)

Hunter Army Airfield

Project Name: Hunter Fire Training Area

Contract No. DACA21-97-C-0042

912-757-1606

2/16/98

Sampler: (Signature) Mary Sargent

TAT_____

Remarks:

SAD NO. MATRIX

Date	Time	Pres.	Gr	Cm	Site Code/Sample Number	No. of Conts.	TPH (DRO)
2/16/98					EB-J6-S-QA		✓

Sampler Relinquisher by: Mary Sargent	Date/Time 2/16/98 1348	Received by: (Sig.) Beb/z	Date/Time 2/17/98 0955
Relinquished by: (Sig.)	Date/Time	Received by: (Sig.)	Date/Time
Relinquished by: (Sig.)	Date/Time	Received for Laboratory by: (Sig.)	Date/Time
Custody Seal No.		Lab Case No.	

Hazards Associated with Samples

Remarks at time of receipt.

Propo. nt: CEMP-

Cooler Receipt Form

Job # 5482 No. of Coolers 1 Return Cooler _____

Project: Hunter Army Airfield Date Received: 2/17/98

Date cooler opened: 2/17/98 by (print) B. Sabin
(sign) B. S.

1. Did cooler come with a shipping slip? Yes No
If yes, enter carrier & air bill number here: FE 8014661199435

2. Were custody seals on outside of cooler: Yes No
How many & where: 1 seal date: 2/16/98 seal name: MS

3. Were custody seals unbroken upon receipt? Yes No

4. Did you screen samples for radioactivity? Yes No

5. Were custody papers sealed in a plastic bag & taped to inside lid? Yes No

6. Were custody papers filled out properly (ink,signed,etc.)? Yes No

7. Did you sign custody papers in the appropriate place? Yes No

8. Was project identifiable from custody papers? If yes enter project name at the top of this form. Yes No

9. If required, was enough ice used: No Type: _____ Yes No

Date logged-in: 2/17/98 by (print) B. Sabin
(sign) B. S.

1. Describe cooler packing: bubble wrap

2. Were all bottles sealed in separate plastic bags? Yes No

3. Did all bottles arrive unbroken & labels in good condition? Yes No

4. Were all bottle labels complete (ID,date,time,signature,pres.,etc.) Yes No

5. Were all bottle labels agree with custody papers? Yes No

6. Were correct containers used for the tests indicated? Yes No

7. Were correct preservatives added to samples? Yes No

8. Was a sufficient amount of sample sent for tests? Yes No

9. Were bubbles absent in Volatile samples? If no, list Field ID: _____ Yes No

10. Number of days from sample date when received in the lab 1

11. Was project manager called & status discussed? Yes No
If yes, give details on the bottom of this form.

Who was called? _____ By whom? _____ Date: _____

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

DIRECTOR U.S. ARMY CORPS ENG. 5394
CESAD LABORATORY
611 SOUTH COBB DRIVE
MARIETTA, GA 30060-3172

Sample Location: 34939 EB-J6-S-QA
HUNTER ARMY AIRFIELD

Lab Number: 98-A16509

Sampler: BOBBI THORN

Date Collected: 2/16/98

Date Received: 2/18/98

Time Collected:

Time Received: 9:00

Sample type: Soil

Percent solids: 89.

UNDERGROUND STORAGE TANK RESULTS

Analyte	Result	Units	PQL	Dil Factor	Date	Time	Analyst	Method
TPH (Diesel Range)	10700	mg/kg	1120	100	2/24/98	3:49	K. Walkup	8015M/3550

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Analyst	Method
EPH	25.0 gm	1.0 ml	2/20/98	Fitzwater	3550

Report Approved By: Michael H. Dunn Report Date: 2/26/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

PROJECT QUALITY CONTROL DATA

DIRECTOR U.S. ARMY CORPS ENG. 5394 Report Number: 98-A16510

Sample I.D.: Lab Project: 92133

Project: 485146 CALL#0715 Date Received: 2/18/98

****

** UST Spike/Duplicate Results **

ompound	%Recovery	Target Range	Precision RPD	Target Range
)RO,. QC	100.	50 - 130	2.0	0 - 20

U.S. Army Corps of Engineers Work Order #_____ Job #_____ Chain of Custody Rec

(ER 1110-1-263)

Proj. No.	Project Name: Hunter Army Airfield																	TAT 14day
Sampler: (Signature)	92133 ~~92133~~																	Remarks:
Date	Time	Pres.	Gr	Cm	Site Code/Sample Number	No. of Conts.	DRO											SAD NO. / MATRIX
2/16/98	—				EB-J6-S-QA	1	✓				98-A016509							34939 / Soil

~~Sampler~~ Relinquisher by: [signature]	Date/Time 2/17/98	Received by: (Sig.)	Date/Time	Hazards Associated with Samples
Relinquished by: (Sig.)	Date/Time	Received by: (Sig.)	Date/Time	98-A016510
Relinquished by: (Sig.)	Date/Time	Received for SAS Laboratory by: (Sig.) [signature] 9:00	Date/Time 2/18/98	Remarks at time of receipt.
Custody Seal No.		Lab Case No.		

ENG Form 5021-R, Oct 90 Propon. : CEMP-P

TRANSMITTAL OF SAD LABORATORY REPORT(S)

TO: Commander, Savannah District US Army Corps of Engineers ATTN: CESAS-PM-H Mr. Brent Rose P.O. Box 889 Savannah, GA 31402-0889	FROM: Director (CESAS-EN-L) SAD Laboratory USACE 611 South Cobb Drive Marietta, GA 30060-3112
PROJECT: Hunter AAF - Fire Training Area	REQN NO: W33SJG80797577 W.O. NO: 8400

SUBJECT: Analytical Testing Results

1. Enclosed is our report of analytical test results and chain of custody forms for samples collected on 24 February 1998 from Hunter AAF.

2. If you have any questions, please call Mr. Blaise Willis at 770-919-5295 or me at 770-919-3990.

SUBMITTED BY:	SIGNATURE:	DATE:
WILLIAM L. TISON, P. E. Director, SAD Laboratory		30 Mar 1998

South Atlantic Division Laboratory
U. S. Army Corps of Engineers
611 South Cobb Drive
Marietta, Georgia 30060-3112

District - SAVANNAH
Date Received - 98/02/26
Date Reported - 98/03/10 09:26:59

HUNTER ARMY AIRFIELD, GA
Requisition - W33SJG80283594
Work Order - 8379 Job Number - 5508

Lab #	Field ID	Date Sampled	Time Sampled
35038	EB-E7-S-QA	98/02/24	00:00

Test Performed	Result	Units	Tested By	Test Date
TOTAL SOLIDS, % OF WET	87.00	%	SPA	98/03/03
HEAVY FUEL ID (8015 MOD)	*		SPA	98/03/03

*NOTE: See Attached

Sampled by District Personnel

Checked by: JWB

Signed by:

Blaise Willis

Blaise Willis
Chemist

Sheet 1 of 3

Lab #	Field ID	Date Sampled	Time Sampled
35039	EB-H6-S-QA	98/02/24	00:00

Test Performed	Result	Units	Tested By	Test Date
TOTAL SOLIDS, % OF WET	87.00	%	SPA	98/03/04
HEAVY FUEL ID (8015 MOD)	*		SPA	98/03/04

*NOTE: See Attached

Sampled by District Personnel

Checked by: JWJ

Sheet 2 of 3

Signed by:

Blaise Willis

Blaise Willis
Chemist

Lab #	Field ID	Date Sampled	Time Sampled
35040	EB-G5-S-QA	98/02/24	00:00

Test Performed	Result	Units	Tested By	Test Date
TOTAL SOLIDS, % OF WET	85.00	%	SPA	98/03/04
HEAVY FUEL ID (8015 MOD)	*		SPA	98/03/04

*NOTE: See Attached

Sampled by District Personnel

Checked by: JWI

Signed by:

Blaise Willis

Blaise Willis
Chemist

Sheet 3 of 3

U.S. Army Corps of Engineers Work O #_____ Job #_____ Chain of Custody Rec

(ER 1110-1-263)

Proj. No.

Project Name: Hunter Army Air Field Fire Training Area DACA21-97-C-0042

Sampler: (Signature)

Geosyntec Inc. 5121 Aurora University Drive D-2 Aurora GA 30210 (912)757-1666

TAT: 11C

Remarks:

Date	Time	Pres.	Gr	Cm	Site Code/Sample Number	No. of Conts.	TPH (DRO)	VOCs						SAD NO.	MATRIX
2/24/98					EB-E7-S-QA	1	✓								
2/24/98					EB-H6-S-QA	1	✓								
2/25/98					EB-G5-S-QA	1	✓								
2/25/98					EB-H6-G5-E7-TB	2		✓							

Sampler Relinquisher by:	Date/Time 2/25-98	Received by: (Sig.)	Date/Time 2/25/98 1005
Relinquished by: (Sig.)	Date/Time	Received by: (Sig.)	Date/Time
Relinquished by: (Sig.)	Date/Time	Received for Laboratory by: (Sig.)	Date/Time
Custody Seal No.		Lab Case No.	

Hazards Associated with Samples

Remarks at time of receipt.

ENG Form 5021-R, Oct 90

Cooler Receipt Form

Job # 5508 No. of Coolers 1 Return Cooler _____

Project: Hunter Army Airfield Date Received: 2/26/98

Date cooler opened: 2/26/98 by (print) B. Serbin
(sign) B. S.

1. Did cooler come with a shipping slip? Yes No
If yes, enter carrier & air bill number here: FE 803523822550

2. Were custody seals on outside of cooler: Yes No
How many & where: 1 seal date: 2/25/98 seal name: DP

3. Were custody seals unbroken upon receipt? Yes No

4. Did you screen samples for radioactivity? Yes No

5. Were custody papers sealed in a plastic bag & taped to inside lid? Yes No

6. Were custody papers filled out properly (ink,signed,etc.)? Yes No

7. Did you sign custody papers in the appropriate place? Yes No

8. Was project identifiable from custody papers? If yes enter project name at the top of this form. Yes No

9. If required, was enough ice used: 11°C Type: _____ Yes No

Date logged-in: 2/26/98 by (print) B. Serbin
(sign) B. S.

1. Describe cooler packing: bubble wrap

2. Were all bottles sealed in separate plastic bags? Yes No

3. Did all bottles arrive unbroken & labels in good condition? Yes No

4. Were all bottle labels complete (ID,date,time,signature,pres.,etc.) Yes No

5. Were all bottle labels agree with custody papers? bottles all sampled on 2/24 COC 2/24 and 2/25 Yes No

6. Were correct containers used for the tests indicated? Yes No

7. Were correct preservatives added to samples? Yes No

8. Was a sufficient amount of sample sent for tests? Yes No

9. Were bubbles absent in Volatile samples? If no, list Field ID: _____ Yes No

10. Number of days from sample date when received in the lab 2

11. Was project manager called & status discussed? Yes No
If yes, give details on the bottom of this form.

Who was called? _____ By whom? _____ Date: _____

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

DIRECTOR U.S. ARMY CORPS ENG. 5394
CESAD LABORATORY
511 SOUTH COBB DRIVE
MARIETTA, GA 30060-3172

Sample Location: 35036 EB-E7-S-QA
HUNTER ARMY AIRFIELD

Lab Number: 98-A2091B

Sampler: BOBBI THORN

Date Collected: 2/24/98

Date Received: 2/27/98

Time Collected:

Time Received: 9:00

Sample type: Soil

---

ercent solids: 87.

UNDERGROUND STORAGE TANK RESULTS

nalyte	Result	Units	PQL	Dil Factor	Date	Time	Analyst	Method
PH (Diesel Range)	2590	mg/kg	230.	20	3/ 3/98	23:42	K.Walkup	8015M/3550

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Analyst	Method
EPH	25.0 gm	1.0 ml	3/ 2/98	C.Gerenser	3550

TRPH surrogate was diluted out due to sample matrix.

Report Approved By: Michael H. Dunn Report Date: 3/ 6/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director

SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

PROJECT QUALITY CONTROL DATA

DIRECTOR U.S. ARMY CORPS ENG. 5394 Report Number: 98-A20921

Sample I.D.: BOBBI THORN Lab Project: 93074

Project: Date Received: 2/27/98

****

UST Spike/Duplicate Results **

Compound	%Recovery	Target Range	Precision RPD	Target Range
DRO, QC	92.	50 - 130	See note	0 - 20

DRO MS & MSD were out of range due to sample matrix. LCS was reported.

Michael H. Burr

U.S. Army Corps of Engineers Work Order # _____ Job # 2508 Chain of Custody Re

(ER 1110-1-26

Proj. No.

Project Name: Hunter Army Airfield

Sampler: (Signature)

93074

TAT 14 day

Remarks:

Date	Time	Pres.	Gr	Cm	Site Code/Sample Number	No. of Conts.	DRO	m8260							SAD NO.	MATR
2/24/98	—				EB-E7-S-QA	1	✓		98-A20918						35038	Soi
	—				EB-H6-S-QA	1	✓		98-A20919						35039	
	—				EB-G5-S-QA	1	✓		98-A20920						35040	
	—				EB-H6-G5-E7-TB	2		✓							35041	water

~~Sampler~~ Relinquisher by: Becky L.	Date/Time 2/26/98	Received by: (Sig.)	Date/Time	Hazards Associated with Samples: 98-A20921
Relinquished by: (Sig.)	Date/Time	Received by: (Sig.)	Date/Time	
Relinquished by: (Sig.)	Date/Time	Received for Laboratory by: (Sig.)	Date/Time 2/27/98 0900	Remarks at time of receipt.
Custody Seal No.		Lab Case No.		

Certificate of Disposal

Omega Environmental Services Inc. certifies that the following listed items have been disposed of in the described manner and all supporting data is accurate and complete. The listed items were disposed of as specified in API 1604 in accordance with Section 17-761.800 F.A.C.

Item Description

Simulated Aircraft Steel Tank
Fire Training Center
Hunter Army Air Field

Disposal Method

Tank was cleaned and disassembled for recycling at
Savannah Sheet and Metal Company.
4405 Tremont Road
Savannah, Georgia

Disposal Date

January 06, 1998

Contract, Owner Information

U S Army Corp of Engineers
Fire Training Area
Hunter Army airfield, Georgia
DACA21-97-C-0042

I certify that the above information is accurate and complete
as a representative Omega Environmental Services Inc.

Company Representative: John Mount
Title: Project Manager
Signature: John Mount

Date: 4-16-98

Certificate of Disposal

Omega Environmental Services Inc. certifies that the following listed items have been disposed of in the described manner and all supporting data is accurate and complete. The listed items were disposed of as specified in API 1604 in accordance with Section 17-761.800 F.A.C.

Item Description

Aluminum AST at Fire Training Center
1100 Gallon Aluminum Tank
Hunter Army Air Field

Disposal Method

Tank was cleaned and disassembled for recycling at
Savannah Sheet and Metal Company.
4405 Tremont Road
Savannah, Georgia

Disposal Date

January 06, 1998

Contract, Owner Information

U S Army Corp of Engineers
Fire Training Area
Hunter Army airfield, Georgia
DACA21-97-C-0042

I certify that the above information is accurate and complete
as a representative Omega Environmental Services Inc.

Company Representative: John Mount
Title: Project Manager
Signature:

Date: 4-16-98

SAVANNAH STEEL & METAL CO.
4405 TREMONT ROAD • P.O. BOX 1585
SAVANNAH, GEORGIA 31401
(912) 232-8882 • FAX (912) 232-8[illegible]

No. 99675

Michael Allen

DATE

GROSS

TARE

NET

QTY.	ITEM	UNIT	AMOUNT
[illegible]	SCRAP STEEL	[illegible]	[illegible]
	PREPARED STEEL		
	CAST IRON		
	AUTOS		
	TIN SHREDDER		
	COPPER #1		
	COPPER #2		
	INSULATED COPPER		
	RED BRASS		
	YELLOW BRASS		
	MIXED BRASS		
	RADIATORS		
	ALUM CAN		
	ALUM EXTRUSIONS		
	ALUM CAST		
	ALUM CLIPS		
	ALUM RADIATORS		
	ALUM SHEET		
	CLEAN ALUMINUM		
	ALUM/COPPER FINS		
	ALUM FURNACE		
	STAINLESS		
	BATTERIES		

CHECK #

TOTAL

SAVANNAH STEEL & METAL CO.
4405 TREMONT ROAD • P.O. BOX 1585
SAVANNAH, GEORGIA 31401
(912) 232-8882 • FAX (912) 232-8[illegible]

No. 9969[illegible]

DATE

GROSS

TARE

NET

QTY.	ITEM	UNIT	AMOUNT
	SCRAP STEEL		
	PREPARED STEEL		
	CAST IRON		
	AUTOS		
	TIN SHREDDER		
	COPPER #1		
	COPPER #2		
	INSULATED COPPER		
	RED BRASS		
	YELLOW BRASS		
	MIXED BRASS		
	RADIATORS		
	ALUM CANS		
	ALUM EXTRUSIONS		
[illegible]	ALUM CAST	[illegible]	[illegible]
	ALUM CLIPS		
	ALUM RADIATORS		
	ALUM SHEET		
	CLEAN ALUMINUM		
	ALUM/COPPER FINS		
	ALUM FURNACE		
	STAINLESS		
	BATTERIES		

CHECK #

TOTAL

SOIL SAFE TECHNOLOGIES
RECYCLING OPERATIONS

Recycling of Soil and Construction Materials
Recycling of Non-Hazardous Manufacturing and Industrial By-Products

PETROLEUM CONTAMINATED SOIL

MATERIAL CHARACTERIZATION REPORT (MCR)

SOIL SAFE TECHNOLOGIES

P.O. BOX 60055
SAVANNAH, GEORGIA 31420
(912) 925-6800 - Phone
(912) 925-0308 - Fax
pmlssise@worldnet.att.net

GENERATOR:

SITE: Fire Training Area
Hunter Army Airfield
Savannah, GA

DATE: 1/6/98

JOB NUMBER: 0240S

SOIL SAFE TECHNOLOGIES

GENERAL INSTRUCTIONS FOR COMPLETING MATERIAL CHARACTERIZATION REPORT (MCR)

The MCR has been designed to provide Soil Safe Technologies with the information necessary to treat your material in a safe, legal and environmentally compatible manner.

The information on Form SSTI-MCR2P is required prior to the acceptance of any materials at any of our facilities. Answers must be provided for all questions/sections on this form. Responses must be legibly printed in either blue or black ink, or typed.

If a particular question is not applicable to your material, indicate by writing "N/A" in the appropriate space. If your material does not contain a particular constituent, indicate by writing "None" in the appropriate space.

If you do not know the answer to a specific question, indicate by writing "Unknown" in the appropriate section. This response may require you to provide additional information, or perform additional analysis.

If you are acting as the agent for the generator, the generator must either fill out and sign the "Delegation of Authority" section of this document, or provide you with a letter authorizing you to act as his/her agent with regards to any actions or communications regarding Soil Safe. A copy of the letter will be submitted with this form.

Results of the parameters analyzed must be within Soil Safe's acceptance limits as defined on Form SSTI-MCR3P. Please note the exceptions for Georgia Regulated Underground Storage Tanks. Attach any on-hand analyticals to this form when submitting.

Form SSTI-MCR4P must be reviewed and signed to certify the non-hazardous nature of the material to be received.

Soil Safe Technologies will review the analytical results and completed MCR. A site audit may be performed to confirm the information submitted, If the material meets acceptance limits, the site will be issued an approval number. The approval number must appear on all correspondance relating or referring to that particular site (i.e. manifests, MCR, proposal, etc.).

If you need assistance in completing this form, please contact your Soil Safe representative at (912) 925-6800.

Make a copy of this form for your records and fax to (912) 925-0308 or send the original and all attachments to Soil Safe Technologies, Incorporated, P.O. Box 60055, Savannah, Georgia 31420.

SOIL SAFE TECHNOLOGIES

I, the undersigned, verify to the best of my knowledge, that the waste material submitted for acceptance at SOIL SAFE TECHNOLOGIES contains no contaminants other than those for which it has been tested

1. Generator Information:

   Generator:
   Site: Fire Training Area
   Address: Hunter Army Airfield
   Savannah, GA
   Facility or Tank(s) ID (If applicable): _____

2. Customer Information:

   Name: Omega Environmental Services
   Address: 4661 Hammermill Road Suite B
   Tucker, GA 30084

3. Name, Title and Telephone Number of Person Completing this Form:

   Mike Shanly Supervisor 912-692 0210

4. Affiliation of Person Named in Item 3 (Circle):

   Customer Generator (Other (Specify): Contractor

5. Type of Facility Generating Contaminated Soil: Federal Military Base

   Source (Circle Applicable): Regulated UST Nonreg UST AST Overfill Spill Unknown

   (Other (Specify): Fire Training Area

6. Anticipated Volume: **6,000** Tons

7. Soil Contaminant(s) (Circle): Gasoline Fuel Oil (#_____) (Diesel) Jet Fuel Waste Oil

   Other (Including Unknown) (Specify): _____

   Note: Unknown or non-verifiable contaminants may result in increased or additional pre-acceptance analytical requirements.

8. Soil Characteristics and Constituents by Percentage (Must equal 100%):

   Sand 85 % Dirt_____% Gravel_____% Lg. Gravel_____% Clay 15 % Rocks_____%

   Other (Describe): _____

Mike Shanly Supervisor 01-06-03

Authorized Signature Title Date

SSISE-MCR2

SOIL SAFE TECHNOLOGIES

NON-HAZARDOUS MATERIAL APPROVAL PROCEDURES

Generator/Customer provided analyticals must be performed by an approved laboratory using methods in conformity with Test Methods for Evaluating Solid Waste (United States Environmental Protection Agency, Office of Solid Waste and Emergency Response, SW-846, Third Edition, as revised) or with an alternate method approved by Georgia Environmental Protection Division. Soil Safe Technologies may, based on circumstances, perform a site audit and collect a composite sample(s). Each sample will be assigned a sample number. This number will be used to identify the generator and the location of the contaminated soil. The sample number will also be used as the basis for the Approval number (or the Rejection number), by adding the prefix A (or R) to the sample number. If the situation so dictates (e.g. soil accepted/approved based upon customer provided analyticals) samples will be collected from incoming vehicles and used as described above. **Misrepresented material containing any levels of contamination in excess of Soil Safe's acceptance criteria, or any type of hazardous or coded waste will be disposed in a legal and appropriate manner at the cost of the generator (or his/her agent).**

One of the samples submitted will be used as a comparative sample against incoming material. This sample will be retained for ninety (90) days after the material has been processed. The second sample will be used for back up analysis by Soil Safe's laboratory.

The acceptance parameters for incoming material to any Soil Safe Technologies receiving location are listed below. Signatures on Form SSTI-MCR2P and Form SSTI-MCR4P constitute a written warranty that the material being offered for recycle is within those parameters listed.

Parameter Test	Acceptance Criteria
1. Ignitability (Flash Point)	Greater than 140 °F / 60°C
2. Corrosivity (pH)	Greater than 2 and less than 12.5
3. TPH (8015M GRO or acceptable equivalent)	Less than 25,000 ppm
4. TPH (8015M DRO or acceptable equivalent)	Less than 25,000 ppm
5. TCLP (Target Metals) (1311)	Less than EPA limits (40 CFR Part 261.24)
6. PCBs Screen	Less than 1 ppm
7. BTEX	Less than 1700 ppm
8. Moisture Content	Less than 25% moisture
9. TOH or TOX (Waste Oil Impacted Only)	Less than 1000 ppm (Waste Oil Impacted Only)
10. TPH (418.1) (Waste Oil Impacted Only)	Less than 25,000 ppm

NOTE: Other tests may be required depending on type and source of contamination. Soil generated as the result of a spill or from an unverifiable source require a full TCLP List.

Petroleum contaminated soil that is generated in association with **regulated underground storage tanks** as defined by the Georgia Environmental Protection Division, Georgia Underground Storage Tank (GUST) Rule 391-3-15-.02 are exempted from the testing requirements of 40 CFR Part 261.24. Soil Safe will accept soils based on the analytical requirements for site closure activities, providing documented evidence is presented that confirms the site falls within the rules.

The analytical results will be reviewed by an authorized representative of Soil Safe Technologies. If approved for recycle at the facility, an Approval Number must be on the incoming manifest or the shipment will be rejected at the facility. The Approval Number will be used in the SSTI Inventory Tracking System.

SOIL SAFE TECHNOLOGIES

I. PCB CERTIFICATION

I, the undersigned, to the best of my knowledge verify that the waste material submitted for acceptance to Soil Safe Technologies does not contain Polychlorinated Biphenyls (PCBs), as defined by EPA 40 CFR 761, at a level greater than 1 ppm.

II. HERBICIDE/PESTICIDE CERTIFICATION

I, the undersigned, to the best of my knowledge verify that the waste material submitted for acceptance to Soil Safe Technologies does not contain herbicides or pesticides at a concentration which would render it as hazardous as defined by EPA CFR 761.

III. RCRA TOXICITY CERTIFICATION

I, the undersigned, to the best of my knowledge verify that the waste material submitted for acceptance to Soil Safe Technologies does not contain TCLP or priority contaminants which characterize the waste material as defined by EPA 40 CFR 761.

IV. NON-HAZARDOUS WASTE CERTIFICATION

I, the undersigned, to the best of my knowledge verify that the waste material submitted for acceptance to Soil Safe Technologies is not an EPA listed hazardous waste, and does not exhibit any of the characteristics of a hazardous waste. This waste material is therefore classified non-hazardous as defined in EPA 40 CFR 261.

V. UNDERGROUND STORAGE TANK CERTIFICATION

I, the undersigned, to the best of my knowledge verify that the waste material submitted for acceptance to Soil Safe Technologies is generated as a result of action taken under the Federal Underground Storage Tank Regulation 40 CFR 280.

I am authorized to execute this document:

OMEGA ENVIRONMENTAL SERVICES
Company Name

Supr. 01-06-98
Authorized Signature Title Date

SSTI-MCR4P

SOIL SAFE TECHNOLOGIES

The following information is required prior to acceptance of material at Soil Safe Technologies. The information must be complete and is required by our accounting department for billing purposes. The following information will be held in strict confidence.

CHAIN OF PAYMENT

Instructions For This Section : In order, starting with the generator and ending with Soil SafeTechnologies, please provide the chain of payment for the project you wish to have approved for acceptance by Soil Safe Technologies. This information must be provided. Please contact your Soil Safe representative with any questions that you may have.

1. Hunter Army Airfield Savannah, GA

Name, address, contact name and phone number of broker, consultant, contractor, General Contractor, etc.

2. OMEGA ENVIRONMENTAL SERVICES. 4661 HAMMERMILL RD STE. B TUCKER GA. 30084 770-621-9414 JOHN MOUNT.

3. SOIL SAFE TECHNOLOGIES

4.

5.

(If additional space is needed, please provide requested information on seperate sheet and attach)

I, the undersigned, verify the information provided above is true and accurate. The information is complete and follows the chain of payment as it will occur upon invoice for this project. Any changes to this chain will be reported to Soil Safe Technologies as soon as possible.

Authorized Signature	Title	Date
	Super.	01-06-93

GENERATOR DELEGATION OF AUTHORITY STATEMENT

I, the undersigned, fully authorize the following Company(ies) and/or the following individuals to act in my behalf with any and all matters concerning the disposition of the material(s) described within this document; to include (but not limited to) matters of environmental compliance, scheduling, transportation, acceptance of prices and proposals, signing of documents required to accept, transport and process material, and any other activities deemed routine and necessary to complete this project. My signature on this document certifies that I am the owner/generator of the material(s) in question or in the case of a corporation or other type of company affiliation I am currently authorized to act in their behalf.

Company: Authorized Individuals:

Name (type or print)	Signature	Title	Date

SSTI-MCR5P

SOIL SAFE TECHNOLOGIES, INC.

Recycling of Soil and Construction Materials
Recycling of Non-Hazardous Manufacturing and Industrial By-Products

RECYCLABLE MATERIAL PROFILING AND CHARACTERIZATION REPORT (MCR)

SOIL SAFE TECHNOLOGIES

P.O. BOX 60055
SAVANNAH, GEORGIA 31420
(912) 925-6800 - Phone
(912) 925-0308 - Fax
pmlssise@worldnet.att.net

GENERATOR: U.S. Army Hunter Army Airfield

SITE: Fire Training Area
Hunter Army Airfield
Savannah, GA

DATE: 1/6/98

JOB NUMBER: 0240S2

GENERAL INSTRUCTIONS FOR COMPLETING MATERIAL CHARACTERIZATION REPORT (MCR)

The MCR has been designed to provide Soil Safe Technologies with the information necessary to treat your material in a safe, legal and environmentally compatible manner.

The information on Form SSTI-MCR2 is required prior to the acceptance of any materials at any of our facilities. Answers must be provided for all questions/sections on this form. Responses must be legibly printed in either blue or black ink, or typed.

If a particular question is not applicable to your material, indicate by writing "N/A" in the appropriate space. If your material does not contain a particular constituent, indicate by writing "None" in the appropriate space.

If you do not know the answer to a specific question, indicate by writing "Unknown" in the appropriate section. This response may require you to provide additional information, or perform additional analysis.

If you are acting as the agent for the generator, the generator must either fill out and sign the "Delegation of Authority" section of this document, or provide you with a letter authorizing you to act as his/her agent with regards to any actions or communications regarding Soil Safe. A copy of the letter will be submitted with this form.

Results of the parameters analyzed must be within Soil Safe's acceptance limits as defined on Form SSTI-MCR3 and SSTI-MCR4. Please refer to SSTI-MCR4 for a detailed listing of analytes and permissable limits.

Form SSTI-MCR5 must be reviewed and signed to certify the non-hazardous nature of the material to be received.

Soil Safe Technologies will review the analytical results and completed MCR. A site audit may be performed to confirm the information submitted, If the material meets acceptance limits, the site will be issued an approval number. The approval number must appear on all correspondance relating or referring to that particular site (i.e. manifests, MCR, proposal, etc.).

If you need assistance in completing this form, please contact your Soil Safe representative at (912) 925-6800.

Make a copy of this form for your records and fax to (912) 925-0308 or send the original and all attachments to Soil Safe Technologies, P.O. Box 60055, Savannah, Georgia 31420.

I, the undersigned, verify to the best of my knowledge, that the waste material submitted for acceptance at SOIL SAFE TECHNOLOGIES contains no contaminants other than those for which it has been tested

1. Generator Information:
   Generator: U.S. Army Hunter Army Airfield
   Site: Fire Training Area
   Address: Hunter Army Airfield
   Savannah, GA

Facility ID (If applicable): _____

2. Customer Information:

   Name: Omega Environmental Services
   Address: 4661 Hammermill Road Suite B
   Tucker, GA 30084

3. Name, Title and Telephone Number of Person Completing this Form:
   [illegible], Supervisor 912-692-0210

4. Affiliation of Person Named in Item 3 (Circle):

   Customer Generator Other (Specify): Contractor

5. Type of Facility Generating Material: Federal Military base

   Name of Waste (i.e. soil, bilge water, type process waste, etc.) : Concrete

   Generation Source (Brief Description): Fire Training Area Concrete Pad

6. Anticipated Volume: 500 Tons
   Above volume generated: One Time Shipment Daily Weekly Monthly Other: _____
   (Please circle applicable)

7. Brief Physical Description: Concrete

NON-HAZARDOUS MATERIAL APPROVAL PROCEDURES

Generator/Customer provided analyticals must be performed by an approved laboratory using methods in conformity with Test Methods for Evaluating Solid Waste (United States Environmental Protection Agency, Office of Solid Waste and Emergency Response, SW-846, Third Edition, as revised) or with an alternate method approved by Georgia Environmental Protection Division. Soil Safe Technologies may, based on circumstances, perform a site audit and collect a composite sample(s). Each sample will be assigned a sample number. This number will be used to identify the generator and the location of the material. The sample number will also be used as the basis for the Approval number (or the Rejection number), by adding the prefix A (or R) to the sample number. If the situation so dictates (e.g. materials accepted/approved based upon customer provided analyticals) samples will be collected from incoming containers and used as described above. **Misrepresented material containing any levels of contamination in excess of Soil Safe's acceptance criteria, or any type of hazardous or coded waste will be disposed in a legal and appropriate manner at the cost of the generator (or his/her agent).**

[illegible] 01-06-99
Signature of Person in item 3 Date

SSISE-MCR2

SOIL SAFE TECHNOLOGIES

The acceptance parameters for incoming material to any Soil Safe Technologies receiving location are listed below. Signatures on Form SSISE-MCR2 and Form SSISE-MCR4 constitute a written warranty that the material being offered for recycle is within those parameters listed.

PARAMETER	MAXIMUM ACCEPTABLE VALUE
General and RCRA Specific Characteristics	
Flashpoint	> 140 Deg. F (60 Deg. C)
Corrosivity (pH)	≥ 2 to ≤ 12.5
Reactivity Cyanide	< 250 mg/kg (ppm)
Reactivity Sulfides	< 500 mg/kg (ppm)
Total Petroleum Hydrocarbons	< 30,000 ppm
Total BTEX values	< 1700 ppm
PCB's	<1.5 ppm
TCLP	
Arsenic	< 5.0 ppm
Barium	< 100.0 ppm
Cadium	< 1.0 ppm
Chromium	< 5.0 ppm
Lead	< 5.0 ppm
Mercury	< 0.2 ppm
Selenium	< 1.0 ppm
Silver	< 5.0 ppm
Benzene	< 0.5 ppm
Carbon Tetrachloride	< 0.5 ppm
Chlordane	< 0.03 ppm
Chlorobenzene	< 100.0 ppm
Chloroform	< 6.0 ppm
o-Cresol	<200.0 ppm
m-Cresol	<200.0 ppm
p-Cresol	<200.0 ppm
Cresol	<200.0 ppm
1,4 Dichlorobenzene	<7.5 ppm
1,2 Dichloroethane	< 0.5 ppm
1,1 Dichloroethane	< 0.7 ppm
2,4 Dinitrotoluene	< 0.13 ppm
Heptachlor (and it's epoxide)	< 0.008 ppm
Hexaclorobenzene	< 0.13 ppm
Methyl ethylketone	< 200.0 ppm
Hexachlorobutadiene	< 0.5 ppm
Hexachloroethane	< 3.0 ppm
Nitrobenzene	< 2.0 ppm
Pentachlorophenol	< 100.0 ppm
Pyridine	< 5.0 ppm
Tetrachloroethylene	< 0.7 ppm
Trichloroethylene	< 0.5 ppm
2,4,5 Trichlorophenol	< 400.0 ppm
2,4,6 Trichlorophenol	< 2.0 ppm
Vinyl Chloride	< 0.2 ppm

Any other material that exhibits any hazardous waste characteristics or possesses an EPA waste code is unacceptable.

The analytical results will be reviewed by an authorized representative of Soil Safe Technologies. If approved for recycle at the facility, an Approval Number must be on the incoming manifest or the shipment will be rejected at the facility. The Approval Number will be used in the SSI Inventory Tracking System.

SOIL SAFE TECHNOLOGIES

I. PCB CERTIFICATION

I, the undersigned, to the best of my knowledge verify that the waste material submitted for acceptance to Soil Safe Technologies does not contain Polychlorinated Biphenyls (PCBs), as defined by EPA 40 CFR 761, at a level greater than 1.5 ppm.

II. HERBICIDE/PESTICIDE CERTIFICATION

I, the undersigned, to the best of my knowledge verify that the waste material submitted for acceptance to Soil Safe Technologies does not contain herbicides or pesticides at a concentration which would render it as hazardous as defined by EPA CFR 761.

III. RCRA TOXICITY CERTIFICATION

I, the undersigned, to the best of my knowledge verify that the waste material submitted for acceptance to Soil Safe Technologies does not contain TCLP or priority contaminants which characterize the waste material as defined by EPA 40 CFR 761.

IV. NON-HAZARDOUS WASTE CERTIFICATION

I, the undersigned, to the best of my knowledge verify that the waste material submitted for acceptance to Soil Safe Technologies is not an EPA listed hazardous waste, and does not exhibit any of the characteristics of a hazardous waste. This waste material is therefore classified non-hazardous as defined in EPA 40 CFR 261.

I am authorized to execute this document:

OMEGA ENVIRONMENTAL SERVICES

Company Name

Supv 01-06-97

Authorized Signature Title Date

SSTI-MCR4

SOIL SAFE INCORPORATED
SOUTHEASTERN OPERATIONS

The following information is required prior to acceptance of material at Soil Safe Technolgies. The information must be complete and is required by our accounting department for billing purposes. The following information will be held in strict confidence.

CHAIN OF PAYMENT

Instructions For This Section: In order, starting with the generator and ending with Soil Safe Technologies, please provide the chain of payment for the project you wish to have approved for acceptance by Soil Safe Incorporated. This information must be provided. Please contact your Soil Safe representative with any questions that you may have.

1. **U.S. Army Hunter Army Airfield**

Name, address, contact name and phone number of broker, consultant, contractor, General Contractor, etc.

2. OMEGA ENVIRONMENTAL SERVICES INC. 4661 HARMONY HILL STOBTUCKER GA 30087 770-621-9414 JOHN MOUNT

3. SOIL SAFE INC.

4. _____

5. _____

(If additional space is needed, please provide requested information on seperate sheet and attach)

I, the undersigned, verify the information provided above is true and accurate. The information is complete and follows the chain of payment as it will occur upon invoice for this project. Any changes to this chain will be reported to Soil Safe as soon as possible.

Authorized Signature	Title	Date
[signature]	Supe.	01-06-98

GENERATOR DELEGATION OF AUTHORITY STATEMENT

I, the undersigned, fully authorize the following Company(ies) and/or the following individuals to act in my behalf with any and all matters concerning the disposition of the material(s) described within this document; to include (but not limited to) matters of environmental compliance, scheduling, transportation, acceptance of prices and proposals, signing of documents required to accept, transport and process material, and any other activities deemed routine and necessary to complete this project. My signature on this document certifies that I am the owner/generator of the material(s) in question or in the case of a corporation or other type of company affiliation I am currently authorized to act in their behalf.

Company: Authorized Individuals:

Name (type or print)	Signature	Title	Date

SSTI-MCR5

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE *(Read instructions on the reverse side prior to initiating this form)*	DATE 03/18/98	TRANSMITTAL NO. 10

SECTION 1 - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (THIS SECTION TO BE INITIATED BY THE CONTRACTOR)

TO: Contracting Officer	FROM:	CONTRACT NO.	CHECK ONE:
Savannah District Construction Division Hunter AAF, Project Office PO Box 22684 Savannah , GA 31403	Omega Environmental Services 4661 Hammermill RD. Suite B Tucker, GA. 30084	DACA21-97-C-0042	_X_THIS IS A NEW TRANSMITTAL ___THIS IS A RESUBMITTAL OF TRANSMITTAL
SPECIFICATION SEC NO (Cover only one section with each transmittal 2450	PROJECT TITLE AND LOCATION Fire Training Center, Hunter AAF		

ITEM NO	DESCRIPTION OF ITEM SUBMITTED *(Type, size, model number, etc.)*	MFG OR CONTR CAT, CURVE DRAWING OR BROCHURE NO *(SEE INSTRUCTION NO. 8)*	NO. OF COPIES	CONTRACT REFERENC DOCUMENT		FOR CONTRACTOR USE CODE	VARIATION	FORCE USE CODE
				SPEC. PARA. NO	DRAWING SHEET NO			
a.	*b.*	*c.*	*d.*	*e.*	*f.*	*g.*	*h.*	*i.*
1	Certificates of Recycle		6	1.4.4				

REMARKS:

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings and specifications except as otherwise stated.

John Mount Project Manager

NAME AND SIGNATURE OF CONTRACTOR

SECTION II APPROVAL ACTION

ENCLOSURES RETURNED (List by item No.)	NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY	DATE

Soil Safe Technologies Incorporated

Certificate of Recycle

Soil Safe Technologies Incorporated accepted 9430.04 tons of non-hazardous recyclable Petroleum contaminated Soil generated by U.S. Army Hunter Army Airfield from DPW Public Works, HAAF, GA under approval number 4-0240S.

This material was contracted by and between Soil Safe Technologies Incorporated and Omega Environmental Services contractor, representing the generator. It was accepted for recycling based upon analytical information provided by a certified laboratory and also written certification by the generator verifying non-hazardous status.

This material was transported under manifest numbers E8018 through E578. Refer to attached list for details.

Soil Safe Technologies Incorporated accepts full responsibility for this material to include safe handling, storage and processing. We certify that this material has been recycled into an environmentally benign product for paving or other construction purposes.

Paul M. Lewczyk
Director of Operations

Thursday, March 05, 1998

INTAKE SUMMARY FOR JOB NUMBER: 0240S

CUSTOMER: OMEGA ENVIRONMENTAL SERVICES
GENERATOR: U.S. ARMY HUNTER ARMY AIRFIELD
MATERIAL TYPE: SOIL

TOTAL TONS: **9430.04**

LOG NUMBER	DATE INTAKE	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT	NET TONS
E8018	1/20/98	61200	22500	38700	19.35
E8019	1/20/98	67060	23120	43940	21.97
E8020	1/20/98	59500	22500	37000	18.50
E8021	1/20/98	60220	22640	37580	18.79
E8022	1/20/98	60540	22500	38040	19.02
E8023	1/20/98	55200	22580	32620	16.31
E8024	1/20/98	60900	23460	37440	18.72
E8025	1/20/98	51140	22260	28880	14.44
E8026	1/20/98	60320	22500	37820	18.91
E8027	1/20/98	63640	22500	41140	20.57
E8028	1/20/98	66360	23120	43240	21.62
E8029	1/20/98	55440	22260	33180	16.59
E8030	1/20/98	57100	22640	34460	17.23
E8031	1/20/98	53920	22580	31340	15.67
E8032	1/20/98	60700	22500	38200	19.10
E8033	1/20/98	52920	22260	30660	15.33
E8034	1/20/98	60760	23460	37300	18.65
E8035	1/20/98	58400	22500	35900	17.95
E8036	1/20/98	71300	23120	48180	24.09
E8037	1/20/98	58920	22500	36420	18.21
E8038	1/20/98	65080	22640	42440	21.22
E8039	1/20/98	51660	21300	30360	15.18
E8040	1/20/98	64880	22500	42380	21.19
E8041	1/20/98	57400	22580	34820	17.41
E8042	1/20/98	64340	23460	40880	20.44
E8043	1/20/98	47420	22260	25160	12.58
E8044	1/20/98	54940	22500	32440	16.22
E8045	1/20/98	59980	22500	37480	18.74
E8046	1/20/98	56080	22640	33440	16.72
E8047	1/20/98	51760	21300	30460	15.23
E8048	1/20/98	54560	23120	31440	15.72
E8049	1/20/98	56680	22500	34180	17.09
E8050	1/20/98	55120	23460	31660	15.83
E8051	1/20/98	52100	22580	29520	14.76
E8052	1/20/98	53080	22260	30820	15.41
E8053	1/20/98	63940	22500	41440	20.72
E8054	1/20/98	51700	22640	29060	14.53
E8055	1/20/98	47080	22500	24580	12.29
E8056	1/20/98	64300	23120	41180	20.59
E8057	1/20/98	49220	21300	27920	13.96
E8058	1/20/98	56360	22500	33860	16.93
E8059	1/20/98	58380	23460	34920	17.46
E8060	1/20/98	53460	22580	30880	15.44
E8061	1/20/98	47180	22260	24920	12.46

E8062	1/20/98	53340	22500	30840	15.42
E8063	1/20/98	55460	22500	32960	16.48
E8064	1/20/98	52300	22640	29660	14.83
E8065	1/20/98	58160	23120	35040	17.52
E8066	1/20/98	54120	22500	31620	15.81
E8067	1/20/98	53560	23460	30100	15.05
E8068	1/20/98	47260	22580	24680	12.34
E8069	1/20/98	45040	22260	22780	11.39
E8070	1/20/98	49080	22500	26580	13.29
E8071	1/20/98	57000	22500	34500	17.25
E8072	1/21/98	54560	22300	32260	16.13
E8073	1/21/98	55620	23960	31660	15.83
E8074	1/21/98	64520	23120	41400	20.70
E8075	1/21/98	55260	22740	32520	16.26
E8076	1/21/98	54840	22920	31920	15.96
E8077	1/21/98	59460	22360	37100	18.55
E8078	1/21/98	61780	23640	38140	19.07
E8079	1/21/98	59060	22540	36520	18.26
E8080	1/21/98	41020	22300	18720	9.36
E8081	1/21/98	49600	23960	25640	12.82
E8082	1/21/98	54980	23120	31860	15.93
E8083	1/21/98	50840	22920	27920	13.96
E8084	1/21/98	51940	22500	29440	14.72
E8085	1/21/98	59020	23460	35560	17.78
E8086	1/21/98	59220	22500	36720	18.36
E8087	1/21/98	55160	23960	31200	15.60
E8088	1/21/98	58620	23120	35500	17.75
E8089	1/21/98	49200	22300	26900	13.45
E8090	1/21/98	59000	22920	36080	18.04
E8091	1/21/98	52280	22500	29780	14.89
E8092	1/21/98	57900	23460	34440	17.22
E8093	1/21/98	57740	22500	35240	17.62
E8094	1/21/98	56560	23960	32600	16.30
E8095	1/21/98	54640	23120	31520	15.76
E8096	1/21/98	55160	22920	32240	16.12
E8097	1/21/98	54540	22360	32180	16.09
E8098	1/21/98	55820	23640	32180	16.09
E8099	1/21/98	55000	22540	32460	16.23
E8100	1/21/98	47580	22300	25280	12.64
E8101	1/21/98	57700	23120	34580	17.29
E8102	1/21/98	58780	23960	34820	17.41
E8103	1/21/98	53680	22920	30760	15.38
E8104	1/21/98	61860	22500	39360	19.68
E8105	1/21/98	58880	23460	35420	17.71
E8106	1/21/98	56380	22500	33880	16.94
E8107	1/21/98	63940	23120	40820	20.41
E8108	1/21/98	50320	22300	28020	14.01
E8109	1/21/98	56740	23960	32780	16.39
E8110	1/21/98	54740	22920	31820	15.91
E8111	1/21/98	57260	22500	34760	17.38
E8112	1/21/98	55380	23460	31920	15.96
E8113	1/21/98	56600	22500	34100	17.05
E8114	1/21/98	62080	23120	38960	19.48
E8115	1/21/98	51920	22300	29620	14.81
E8116	1/21/98	57460	23960	33500	16.75

E8117	1/21/98	60540	22920	37620	18.81
E8118	1/21/98	57240	22500	34740	17.37
E8119	1/21/98	57860	23460	34400	17.20
E8120	1/21/98	59020	22500	36520	18.26
E8121	1/21/98	55120	23120	32000	16.00
E8122	1/22/98	57220	23600	33620	16.81
E8123	1/22/98	55600	22880	32720	16.36
E8124	1/22/98	62860	23120	39740	19.87
E8125	1/22/98	48960	22480	26480	13.24
E8126	1/22/98	52640	22500	30140	15.07
E8127	1/22/98	53040	22160	30880	15.44
E8128	1/22/98	59440	22640	36800	18.40
E8129	1/22/98	52620	22880	29740	14.87
E8130	1/22/98	52040	22500	29540	14.77
E8131	1/22/98	59660	23120	36540	18.27
E8132	1/22/98	46240	22260	23980	11.99
E8133	1/22/98	60200	22500	37700	18.85
E8134	1/22/98	52360	22160	30200	15.10
E8135	1/22/98	46040	22640	23400	11.70
E8136	1/22/98	49140	22880	26260	13.13
E8137	1/22/98	50740	22500	28240	14.12
E8138	1/22/98	54020	23120	30900	15.45
E8139	1/22/98	55440	22500	32940	16.47
E8140	1/22/98	48600	22160	26440	13.22
E8141	1/22/98	41620	22260	19360	9.68
E8142	1/22/98	49920	22720	27200	13.60
E8143	1/26/98	53820	22300	31520	15.76
E8144	1/26/98	55320	22500	32820	16.41
E8145	1/26/98	59500	22840	36660	18.33
E8146	1/26/98	53960	22520	31440	15.72
E8147	1/26/98	54120	22460	31660	15.83
E8148	1/26/98	55520	20820	34700	17.35
E8149	1/26/98	53080	22320	30760	15.38
E8150	1/26/98	56840	22080	34760	17.38
E8151	1/26/98	57320	22320	35000	17.50
E8152	1/26/98	56900	22300	34600	17.30
E8153	1/26/98	57400	22500	34900	17.45
E8154	1/26/98	58900	22840	36060	18.03
E8155	1/26/98	56160	22520	33640	16.82
E8156	1/26/98	54640	22460	32180	16.09
E8157	1/26/98	52880	20820	32060	16.03
E8158	1/26/98	51980	22320	29660	14.83
E8159	1/26/98	56580	22080	34500	17.25
E8160	1/26/98	55540	22300	33240	16.62
E8161	1/26/98	55180	22320	32860	16.43
E8162	1/26/98	59720	22500	37220	18.61
E8163	1/26/98	56000	22840	33160	16.58
E8164	1/26/98	50460	22520	27940	13.97
E8165	1/26/98	48880	22460	26420	13.21
E8166	1/26/98	54460	20820	33640	16.82
E8167	1/26/98	49580	22360	27220	13.61
E8168	1/26/98	47120	22080	25040	12.52
E8169	1/26/98	55040	22300	32740	16.37
E8170	1/26/98	51780	22320	29460	14.73
E8171	1/26/98	46420	22840	23580	11.79

E8172	1/26/98	54840	22500	32340	16.17
E8173	1/26/98	49300	20820	28480	14.24
E8174	1/26/98	47840	22460	25380	12.69
E8175	1/26/98	49620	22520	27100	13.55
E8176	1/26/98	50060	22080	27980	13.99
E8177	1/26/98	55020	22300	32720	16.36
E8178	1/26/98	52500	22840	29660	14.83
E8179	1/26/98	48600	22320	26280	13.14
E8180	1/26/98	47820	22320	25500	12.75
E8181	1/26/98	56520	22500	34020	17.01
E8182	1/26/98	47740	20820	26920	13.46
E8183	1/26/98	52140	22460	29680	14.84
E8184	1/26/98	51520	22520	29000	14.50
E8185	1/26/98	52180	22080	30100	15.05
E8186	1/26/98	57620	22300	35320	17.66
E8187	1/26/98	47420	22320	25100	12.55
E8188	1/26/98	57720	22840	34880	17.44
E8189	1/26/98	51460	22320	29140	14.57
E8190	1/26/98	52000	22500	29500	14.75
E8191	1/26/98	50500	20820	29680	14.84
E8192	1/26/98	47860	22460	25400	12.70
E8193	1/26/98	53240	22520	30720	15.36
E8194	1/26/98	56220	22300	33920	16.96
E8195	1/26/98	50280	22080	28200	14.10
E8196	1/26/98	51160	22320	28840	14.42
E8197	1/26/98	59540	22840	36700	18.35
E8198	1/26/98	52820	22320	30500	15.25
E8199	1/26/98	52140	22460	29680	14.84
E8200	1/26/98	52120	22500	29620	14.81
E8201	1/26/98	53220	20820	32400	16.20
E8202	2/4/98	54080	23000	31080	15.54
E8203	2/4/98	56220	22980	33240	16.62
E8204	2/4/98	53660	21400	32260	16.13
E8205	2/4/98	55720	22720	33000	16.50
E8206	2/4/98	59560	23420	36140	18.07
E8207	2/4/98	57200	26000	31200	15.60
E8208	2/4/98	57280	21820	35460	17.73
E8209	2/4/98	50560	22880	27680	13.84
E8210	2/4/98	57360	22540	34820	17.41
E8211	2/4/98	55700	21400	34300	17.15
E8212	2/4/98	54480	22980	31500	15.75
E8213	2/4/98	57960	23000	34960	17.48
E8214	2/4/98	55560	22720	32840	16.42
E8215	2/4/98	55660	21820	33840	16.92
E8216	2/4/98	56520	22880	33640	16.82
E8217	2/4/98	57980	22540	35440	17.72
E8218	2/4/98	55680	21400	34280	17.14
E8219	2/4/98	53760	26000	27760	13.88
E8220	2/4/98	52100	22980	29120	14.56
E8221	2/4/98	58160	23000	35160	17.58
E8222	2/4/98	58960	22720	36240	18.12
E8223	2/4/98	47700	21820	25880	12.94
E8224	2/4/98	57960	22880	35080	17.54
E8225	2/4/98	56220	22540	33680	16.84
E8226	2/4/98	61260	23000	38260	19.13

E8227	2/4/98	57460	26000	31460	15.73
E8228	2/4/98	60740	21400	39340	19.67
E8229	2/4/98	53140	20280	32860	16.43
E8230	2/4/98	67320	20840	46480	23.24
E8231	2/4/98	57460	21820	35640	17.82
E8232	2/4/98	59320	22720	36600	18.30
E8233	2/4/98	57660	20680	36980	18.49
E8234	2/4/98	58140	22980	35160	17.58
E8235	2/4/98	56540	22880	33660	16.83
E8236	2/4/98	50680	22540	28140	14.07
E8237	2/4/98	53680	23000	30680	15.34
E8238	2/4/98	60200	23180	37020	18.51
E8239	2/4/98	54720	21400	33320	16.66
E8240	2/4/98	59480	23420	36060	18.03
E8241	2/4/98	53900	26000	27900	13.95
E8242	2/4/98	57420	20280	37140	18.57
E8243	2/4/98	66820	20840	45980	22.99
E8244	2/4/98	59560	21820	37740	18.87
E8245	2/4/98	57040	22720	34320	17.16
E8246	2/4/98	58480	20680	37800	18.90
E8247	2/4/98	50180	22880	27300	13.65
E8248	2/4/98	48920	22540	26380	13.19
E8249	2/13/98	50400	24080	26320	13.16
E8250	2/13/98	53180	22460	30720	15.36
E8251	2/13/98	54200	23680	30520	15.26
E8252	2/13/98	54680	21940	32740	16.37
E8253	2/13/98	55560	22220	33340	16.67
E8254	2/13/98	71840	31780	40060	20.03
E8255	2/13/98	51660	28480	23180	11.59
E8256	2/13/98	56500	22460	34040	17.02
E8257	2/13/98	57060	21940	35120	17.56
E8258	2/13/98	57980	23680	34300	17.15
E8259	2/13/98	58380	22300	36080	18.04
E8260	2/13/98	74340	31780	42560	21.28
E8261	2/13/98	58780	22200	36580	18.29
E8262	2/13/98	60200	24080	36120	18.06
E8263	2/13/98	57740	24080	33660	16.83
E8264	2/13/98	58520	21280	37240	18.62
E8265	2/13/98	57200	22280	34920	17.46
E8266	2/13/98	57700	21940	35760	17.88
E8267	2/13/98	56620	23680	32940	16.47
E8268	2/13/98	78600	31780	46820	23.41
E8269	2/13/98	60780	21200	39580	19.79
E8270	2/13/98	60100	22300	37800	18.90
E8271	2/13/98	63320	24080	39240	19.62
E8272	2/13/98	56720	24080	32640	16.32
E8273	2/13/98	58300	24460	33840	16.92
E8274	2/13/98	59200	21940	37260	18.63
E8275	2/13/98	59780	21280	38500	19.25
E8276	2/13/98	47600	22280	25320	12.66
E8277	2/13/98	48340	23680	24660	12.33
E8278	2/13/98	48780	22300	26480	13.24
E8279	2/13/98	46320	21200	25120	12.56
E8280	2/13/98	80060	31780	48280	24.14
E8281	2/13/98	57120	24460	32660	16.33

E8282	2/13/98	61220	22080	39140	19.57
E8283	2/13/98	60580	24080	36500	18.25
E8284	2/13/98	58080	21940	36140	18.07
E8285	2/13/98	58660	21280	37380	18.69
E8286	2/13/98	57860	22280	35580	17.79
E8287	2/13/98	58380	23680	34700	17.35
E8288	2/13/98	58580	21200	37380	18.69
E8289	2/13/98	59480	22300	37180	18.59
E8290	2/13/98	80520	31780	48740	24.37
E8291	2/13/98	58780	24080	34700	17.35
E8292	2/13/98	60580	24080	36500	18.25
E8293	2/13/98	57880	21940	35940	17.97
E8294	2/13/98	58600	24460	34140	17.07
E8295	2/13/98	60880	21280	39600	19.80
E8296	2/13/98	62220	22280	39940	19.97
E8297	2/13/98	62680	21200	41480	20.74
E8298	2/13/98	60160	23680	36480	18.24
E8299	2/13/98	61420	22300	39120	19.56
E8300	2/13/98	77140	31780	45360	22.68
E8301	2/18/98	58880	22340	36540	18.27
E8302	2/18/98	59280	23100	36180	18.09
E8303	2/18/98	60460	22360	38100	19.05
E8304	2/18/98	57460	22520	34940	17.47
E8305	2/18/98	60820	22760	38060	19.03
E8306	2/18/98	62180	23160	39020	19.51
E8307	2/18/98	62180	22340	39840	19.92
E8308	2/18/98	59640	21960	37680	18.84
E8309	2/18/98	60700	22360	38340	19.17
E8310	2/18/98	60380	22180	38200	19.10
E8311	2/18/98	61660	22520	39140	19.57
E8312	2/18/98	59860	23100	36760	18.38
E8313	2/18/98	62140	22760	39380	19.69
E8314	2/18/98	62840	23160	39680	19.84
E8315	2/18/98	62500	22340	40160	20.08
E8316	2/18/98	61220	22360	38860	19.43
E8317	2/18/98	63080	22520	40560	20.28
E8318	2/18/98	61220	21960	39260	19.63
E8319	2/18/98	60600	22180	38420	19.21
E8320	2/18/98	62660	22760	39900	19.95
E8321	2/18/98	58060	23100	34960	17.48
E8322	2/18/98	61060	22340	38720	19.36
E8323	2/18/98	60780	22360	38420	19.21
E8324	2/18/98	61660	22520	39140	19.57
E8325	2/18/98	58960	21960	37000	18.50
E8326	2/18/98	58040	22760	35280	17.64
E8327	2/18/98	62680	23160	39520	19.76
E8328	2/18/98	0	0	0	0.00
E8329	2/18/98	57100	22340	34760	17.38
E8330	2/18/98	55020	22180	32840	16.42
E8331	2/18/98	58540	22360	36180	18.09
E8332	2/18/98	63140	22520	40620	20.31
E8333	2/18/98	61020	22520	38500	19.25
E8334	2/18/98	60080	21960	38120	19.06
E8335	2/18/98	64620	23160	41460	20.73
E8336	2/18/98	57300	21820	35480	17.74

E8337	2/18/98	60640	23100	37540	18.77
E8338	2/18/98	62740	22340	40400	20.20
E8339	2/18/98	60920	22180	38740	19.37
E8340	2/18/98	62620	22360	40260	20.13
E8341	2/18/98	61540	22520	39020	19.51
E8342	2/18/98	58820	22760	36060	18.03
E8343	2/18/98	0	0	0	0.00
E8344	2/18/98	57180	21820	35360	17.68
E8345	2/18/98	62640	23160	39480	19.74
E8346	2/18/98	61060	23100	37960	18.98
E8347	Not Used			0	0.00
E8348	Not Used			0	0.00
E8349	Not Used			0	0.00
E8350	Not Used			0	0.00
E8351	Not Used			0	0.00
E8352	Not Used			0	0.00
E8353	Not Used			0	0.00
E8354	2/19/98	56520	22520	34000	17.00
E8355	2/19/98	59040	22900	36140	18.07
E8356	2/19/98	57520	23460	34060	17.03
E8357	2/19/98	58260	22360	35900	17.95
E8358	2/19/98	59020	22720	36300	18.15
E8359	2/19/98	53560	23720	29840	14.92
E8360	2/19/98	57380	21700	35680	17.84
E8361	2/19/98	59380	23140	36240	18.12
E8362	2/19/98	58680	22300	36380	18.19
E8363	2/19/98	59460	22520	36940	18.47
E8364	2/19/98	57020	23460	33560	16.78
E8365	2/19/98	58700	22900	35800	17.90
E8366	2/19/98	59320	22360	36960	18.48
E8367	2/19/98	57640	22720	34920	17.46
E8368	2/19/98	52860	23720	29140	14.57
E8369	2/19/98	59380	22300	37080	18.54
E8370	2/19/98	60020	23140	36880	18.44
E8371	2/19/98	57840	21700	36140	18.07
E8372	2/19/98	58700	23460	35240	17.62
E8373	2/19/98	59680	22900	36780	18.39
E8374	2/19/98	59740	23720	36020	18.01
E8375	2/19/98	59860	22720	37140	18.57
E8376	2/19/98	54900	23720	31180	15.59
E8377	2/19/98	58860	22300	36560	18.28
E8378	2/19/98	61140	21700	39440	19.72
E8379	2/19/98	56120	23460	32660	16.33
E8380	2/19/98	58260	23140	35120	17.56
E8381	2/19/98	60080	22900	37180	18.59
E8382	2/19/98	58560	22360	36200	18.10
E8383	2/19/98	59780	22520	37260	18.63
E8384	2/19/98	58580	22720	35860	17.93
E8385	2/19/98	57040	23460	33580	16.79
E8386	2/19/98	53540	23720	29820	14.91
E8387	2/19/98	57300	21700	35600	17.80
E8388	2/19/98	58000	22300	35700	17.85
E8389	2/19/98	59140	23140	36000	18.00
E8390	2/19/98	60580	22360	38220	19.11

E8391	2/19/98	59300	22900	36400	18.20
E8392	2/19/98	57520	22520	35000	17.50
E8393	2/19/98	52820	21500	31320	15.66
E8394	2/19/98	57580	22720	34860	17.43
E8395	2/19/98	56680	22220	34460	17.23
E8396	2/19/98	53500	20620	32880	16.44
E8397	2/19/98	56920	23460	33460	16.73
E8398	2/19/98	52120	23720	28400	14.20
E8399	2/19/98	59360	21700	37660	18.83
E8400	2/19/98	58660	22080	36580	18.29
E8401	2/19/98	56560	22600	33960	16.98
E8402	2/19/98	60300	22360	37940	18.97
E8403	2/19/98	64080	23140	40940	20.47
E8404	2/19/98	62640	22520	40120	20.06
E8405	2/19/98	59140	22900	36240	18.12
E8406	2/19/98	58180	22720	35460	17.73
E8407	2/19/98	53860	21500	32360	16.18
E8408	2/19/98	57160	22220	34940	17.47
E8409	2/19/98	55620	20620	35000	17.50
E8410	2/19/98	58540	23460	35080	17.54
E8411	2/19/98	53800	23720	30080	15.04
E8412	2/19/98	52900	21700	31200	15.60
E8413	2/20/98	55250	21880	33370	16.69
E8414	2/20/98	52780	21240	31540	15.77
E8415	2/20/98	56140	20880	35260	17.63
E8416	2/20/98	60600	23240	37360	18.68
E8417	2/20/98	59800	22740	37060	18.53
E8418	2/20/98	58480	22280	36200	18.10
E8419	2/20/98	61880	22360	39520	19.76
E8420	2/20/98	60240	22520	37720	18.86
E8421	2/20/98	56780	21100	35680	17.84
E8422	2/20/98	57960	21960	36000	18.00
E8423	2/20/98	53200	21240	31960	15.98
E8424	2/20/98	55160	20620	34540	17.27
E8425	2/20/98	59500	23100	36400	18.20
E8426	2/20/98	57180	22740	34440	17.22
E8427	2/20/98	53920	22280	31640	15.82
E8428	2/20/98	60080	22360	37720	18.86
E8429	2/20/98	60040	22520	37520	18.76
E8430	2/20/98	53080	21100	31980	15.99
E8431	2/20/98	48800	21500	27300	13.65
E8432	2/20/98	53320	20880	32440	16.22
E8433	2/20/98	58480	22440	36040	18.02
E8434	2/20/98	58700	21960	36740	18.37
E8435	2/20/98	58480	23140	35340	17.67
E8436	2/20/98	58160	22300	35860	17.93
E8437	2/20/98	56540	22280	34260	17.13
E8438	2/20/98	51560	21100	30460	15.23
E8439	2/20/98	52640	21500	31140	15.57
E8440	2/20/98	54040	22740	31300	15.65
E8441	2/20/98	55020	20880	34140	17.07
E8442	2/20/98	55920	21880	34040	17.02
E8443	2/20/98	59720	23240	36480	18.24
E8444	2/20/98	56540	22300	34240	17.12
E8445	2/20/98	55020	22280	32740	16.37

E8446	2/20/98	52560	21360	31200	15.60
E8447	2/20/98	54240	22740	31500	15.75
E8448	2/20/98	51940	20880	31060	15.53
E8449	2/20/98	56660	21880	34780	17.39
E8450	2/20/98	53380	21100	32280	16.14
E8451	2/20/98	59680	23100	36580	18.29
E8452	2/20/98	59840	22360	37480	18.74
E8453	2/20/98	56320	22440	33880	16.94
E8454	2/20/98	50680	21240	29440	14.72
E8455	2/20/98	57500	22440	35060	17.53
E8456	2/20/98	52820	20880	31940	15.97
E8457	2/20/98	51920	21100	30820	15.41
E8458	2/20/98	57160	21960	35200	17.60
E8459	2/20/98	59580	22360	37220	18.61
E8460	2/20/98	59200	23140	36060	18.03
E8461	2/20/98	57420	22440	34980	17.49
E8462	2/20/98	57040	22740	34300	17.15
E8463	2/20/98	51440	21240	30200	15.10
E8464	2/20/98	54980	21000	33980	16.99
E8465	2/23/98	54380	22900	31480	15.74
E8466	2/23/98	57460	22840	34620	17.31
E8467	2/23/98	58640	22420	36220	18.11
E8468	2/23/98	54920	22440	32480	16.24
E8469	2/23/98	58560	21820	36740	18.37
E8470	2/23/98	55340	22460	32880	16.44
E8471	2/23/98	61980	23760	38220	19.11
E8472	2/23/98	57940	23040	34900	17.45
E8473	2/23/98	57700	22900	34800	17.40
E8474	2/23/98	61620	22760	38860	19.43
E8475	2/23/98	55140	21120	34020	17.01
E8476	2/23/98	58320	25160	33160	16.58
E8477	2/23/98	56320	22420	33900	16.95
E8478	2/23/98	57680	22440	35240	17.62
E8479	2/23/98	56240	22460	33780	16.89
E8480	2/23/98	57300	23320	33980	16.99
E8481	2/23/98	51800	22900	28900	14.45
E8482	2/23/98	60600	22840	37760	18.88
E8483	2/23/98	56480	21120	35360	17.68
E8484	2/23/98	56100	23040	33060	16.53
E8485	2/23/98	63500	23760	39740	19.87
E8486	2/23/98	54780	22460	32320	16.16
E8487	2/23/98	62860	23320	39540	19.77
E8488	2/23/98	60620	22420	38200	19.10
E8489	2/23/98	54720	23440	31280	15.64
E8490	2/23/98	61400	22640	38760	19.38
E8491	2/23/98	62760	22900	39860	19.93
E8492	2/23/98	61200	23100	38100	19.05
E8493	2/23/98	61540	22840	38700	19.35
E8494	2/23/98	54060	22460	31600	15.80
E8495	2/23/98	57120	23040	34080	17.04
E8496	2/23/98	52060	21120	30940	15.47
E8497	2/23/98	57020	23760	33260	16.63
E8498	2/23/98	51500	23320	28180	14.09
E8499	2/23/98	58460	22420	36040	18.02
E8500	2/23/98	61120	22440	38680	19.34

E8501	2/23/98	61680	22640	39040	19.52
E8502	2/23/98	58420	22900	35520	17.76
E8503	2/23/98	55460	23100	32360	16.18
E8504	2/23/98	62740	22840	39900	19.95
E8505	2/23/98	54720	22460	32260	16.13
E8506	2/23/98	57380	21120	36260	18.13
E8507	2/23/98	57880	23040	34840	17.42
E8508	2/23/98	55580	23760	31820	15.91
E8509	2/23/98	60940	23320	37620	18.81
E8510	2/23/98	52040	22640	29400	14.70
E8511	2/23/98	54080	22900	31180	15.59
E8512	2/23/98	58460	22440	36020	18.01
E8513	2/23/98	57680	23100	34580	17.29
E8514	2/23/98	59240	22840	36400	18.20
E8515	2/23/98	53320	22460	30860	15.43
E8516	2/23/98	48560	21120	27440	13.72
E8517	2/23/98	52400	23040	29360	14.68
E8518	2/23/98	50540	23320	27220	13.61
E8519	2/23/98	61400	23760	37640	18.82
E8520	2/23/98	59100	22640	36460	18.23
E8521	2/23/98	58020	22900	35120	17.56
E8522	2/23/98	55420	22440	32980	16.49
E8523	2/24/98	58580	22820	35760	17.88
E8524	2/24/98	60540	22660	37880	18.94
E8525	2/24/98	60160	23100	37060	18.53
E8526	2/24/98	59700	22240	37460	18.73
E8527	2/24/98	59400	23060	36340	18.17
E8528	2/24/98	63780	22820	40960	20.48
E8529	2/24/98	59400	22660	36740	18.37
E8530	2/24/98	64340	23100	41240	20.62
E8531	2/24/98	59960	22400	37560	18.78
E8532	2/24/98	59960	22240	37720	18.86
E8533	2/24/98	61860	23060	38800	19.40
E8534	2/24/98	57760	22660	35100	17.55
E8535	2/24/98	60640	22820	37820	18.91
E8536	2/24/98	57520	23100	34420	17.21
E8537	2/24/98	56280	22240	34040	17.02
E8538	2/24/98	59650	23060	36590	18.30
E8539	2/24/98	54100	22400	31700	15.85
E8540	2/24/98	54220	22820	31400	15.70
E8541	2/24/98	50800	22020	28780	14.39
E8542	2/24/98	0	0	0	0.00
E8543	2/24/98	0	0	0	0.00
E8544	2/24/98	49100	22340	26760	13.38
E8545	2/24/98	54940	23240	31700	15.85
E8546	2/24/98	54840	2188	52652	26.33
E8547	2/24/98	54340	23060	31280	15.64
E8548	2/24/98	53720	22240	31480	15.74
E8549	2/24/98	56780	22400	34380	17.19
E8550	2/24/98	61920	23240	38680	19.34
E8551	2/24/98	56860	22020	34840	17.42
E8552	2/24/98	60800	22660	38140	19.07
E8553	2/24/98	55520	22240	33280	16.64
E8554	2/24/98	55040	23060	31980	15.99
E8555	2/24/98	53800	22340	31460	15.73

E8556	2/24/98	60600	22400	38200	19.10
E8557	2/24/98	55900	22660	33240	16.62
E8558	2/24/98	54960	22240	32720	16.36
E8559	2/24/98	55960	23060	32900	16.45
E8560	2/24/98	59040	23240	35800	17.90
E8561	2/24/98	54980	22020	32960	16.48
E8562	2/25/98	59660	22760	36900	18.45
E8563	2/25/98	61080	22060	39020	19.51
E8564	2/25/98	59100	22360	36740	18.37
E8565	2/25/98	59860	22240	37620	18.81
E8566	2/25/98	60740	23240	37500	18.75
E8567	2/25/98	62900	23640	39260	19.63
E8568	2/25/98	56300	22120	34180	17.09
E8569	2/25/98	61060	22060	39000	19.50
E8570	2/25/98	56440	22760	33680	16.84
E8571	2/25/98	59660	22360	37300	18.65
E8572	2/25/98	55280	22520	32760	16.38
E8573	2/25/98	58660	23240	35420	17.71
E8574	2/25/98	57360	22060	35300	17.65
E8575	2/25/98	51920	22760	29160	14.58
E8576	2/25/98	60040	22360	37680	18.84
E8577	2/25/98	56550	22520	34030	17.02
E8578	2/25/98	66280	23240	43040	21.52

Soil Safe Technologies Incorporated

Certificate of Recycle

Soil Safe Technologies Incorporated accepted 233.55 tons of non-hazardous recyclable petroleum contaminated concrete debris generated by U.S. Army Hunter Army Airfield from DPW Environmental, Hunter Army Airfield, GA under approval number 4-0240S2.

This material was contracted by and between Soil Safe Technologies Incorporated and Omega Environmental Services contractor, representing the generator. It was accepted for recycling based upon analytical information provided by a certified laboratory and also written certification by the generator verifying non-hazardous status.

This material was transported under manifest numbers E8001 through E8016.

Soil Safe Technologies Incorporated accepts full responsibility for this material to include safe handling, storage and processing. We certify that this material has been recycled into an environmentally benign product for paving or other construction purposes.

Paul M. Lewczyk
Director of Operations

Thursday, March 05, 1998

INTAKE SUMMARY FOR JOB NUMBER: 0240S2

CUSTOMER: OMEGA ENVIRONMENTAL SERVICES
GENERATOR: U.S. ARMY HUNTER ARMY AIRFIELD
MATERIAL TYPE: CONCRETE DEBRIS

TOTAL TONS: 233.55

LOG NUMBER	DATE INTAKE	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT	NET TONS
E8001	1/13/98	45600	22140	23460	11.73
E8002	1/13/98	47400	21960	25440	12.72
E8003	1/13/98	51840	23600	28240	14.12
E8004	1/13/98	46820	21640	25180	12.59
E8005	1/13/98	51740	23560	28180	14.09
E8006	1/13/98	56540	22840	33700	16.85
E8007	1/13/98	55160	21740	33420	16.71
E8008	1/13/98	45240	21960	23280	11.64
E8009	1/13/98	50380	22140	28240	14.12
E8010	1/13/98	57560	23600	33960	16.98
E8011	1/13/98	46820	21640	25180	12.59
E8012	1/13/98	57600	22840	34760	17.38
E8013	1/13/98	57220	21740	35480	17.74
E8014	1/13/98	55860	23060	32800	16.40
E8015	1/13/98	53660	24060	29600	14.80
E8016	1/13/98	46260	20080	26180	13.09

Georgia Petroleum, Inc.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. GA 4210022733
Manifest Document No. E8351
2. Page 1 of 1
2-17-98

3. Generator's Name and Mailing Address
AFZP-DEV Environ Office
95 S. Middleground Rd. Hunter Army Airfield 31409
№ 5985

4. Generator's Phone 912 352-5312

5. Transporter 1 Company Name: Georgia Petroleum
6. US EPA ID Number: GAD981222433

Credit

7. Transporter 2 Company Name
8. US EPA ID Number

Paid

9. Designated Facility Name and Site Address
Georgia Petroleum, Inc.
1612 James P. Rogers Circle
Valdosta, Georgia 31601
10. US EPA ID Number: GAD# 981222433

A. Transporter's Phone 912-244-9110
B. Transporter's Phone
C. Facility's Phone 912-244-9110

GENERATOR

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Haz. Oily water For Recycle		T/T	6200	Gal
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
API _____ VIS _____ BSW _____
CHLOR _____

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
In the event of an emergency call 912-244-9110 Mon - Fri 8-5 or 912-242-0601 anytime.

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Angie N Eason
Signature: Angie N Eason
Month 02 Day 17 Year 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Rick Peters
Signature
Month 2 Day 17 Year 98

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Gene Gobbuss
Signature
Month 02 Day 17 Year 98

TRANSPORTER #2

Petroleum, Inc.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. GA 4210022733
Manifest Document No. E8352
2. Page 1 of 1
2-17-98

3. Generator's Name and Mailing Address
AFZP-DEV Enviro Office
95 S. Middleground Rd.
Hunter Army Airfield 31409
№ 5986

4. Generator's Phone 912 352-5312

5. Transporter 1 Company Name Georgia Petroleum
6. US EPA ID Number GAD 981222433

Credit

7. Transporter 2 Company Name
8. US EPA ID Number

Paid

9. Designated Facility Name and Site Address
Georgia Petroleum, Inc.
1612 James P. Rogers Circle
Valdosta, Georgia 31601
10. US EPA ID Number GAD# 981222433

A. Transporter's Phone 912-244-9110
B. Transporter's Phone
C. Facility's Phone 912-244-9110

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non. Haz. Oily water For Recycle		T/T	6200	Gal
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
API _____ VIS _____ BSW _____
CHLOR _____

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
In the event of an emergency call 912-244-9110, Mon - Fri 8-5 or 912-242-0601 anytime.

T001

GENERATOR

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name Angie N Eason
Signature Angie N Eason
Month Day Year 02 17 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Scott Brady
Signature Scott Brady
Month Day Year 02 17 98

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Gene Goldfuss
Signature Gene Goldfuss
Month Day Year 02 17 98

TRANSPORTER #2

BL 5106 Rev. 7/94

Georgia Petroleum, Inc.

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. GA 4210022733	Manifest Document No. E8350	2. Page 1 of 1	2-17-98

3. Generator's Name and Mailing Address
AFZP-DEV Ensiro Office No. 5987
155 Middleground Rd. Hunter Army Airfield 31409

4. Generator's Phone 912 352-5312

5. Transporter 1 Company Name: Georgia Petroleum
6. US EPA ID Number: GAD 981222433

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
Georgia Petroleum, Inc.
1612 James P. Rogers Circle
Valdosta, Georgia 31601
10. US EPA ID Number: GAD# 981222433

Credit
Paid

A. Transporter's Phone 912-244-9110
B. Transporter's Phone
C. Facility's Phone 912-244-9110

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Haz. Oily water For Recycle		TT	6200	Gal
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
API _____ VIS _____ BSW _____
CHLOR _____

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
In the event of an emergency call 912-244-9110 Mon - Fri 8-5 or 912-242-0601 anytime.

T002

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Angi N. Eason	Angi N. Eason	02	17	98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
N. Lastinger	Hamton Lastinger	02	17	98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19

Printed/Typed Name	Signature	Month	Day	Year
Gene Goldfuss	Gene Goldfuss	02	17	98

GENERATOR TRANSPORTER FACILITY

TRANSPORTER #2

Georgia Petroleum, Inc.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. GA 4210022733
Manifest Document No. 68353
2. Page 1 of 1
2-17-98

3. Generator's Name and Mailing Address
AF2P-DEV Enviro. Office
95 S. Middleground Rd.
Hunter Army Airfield 31409
№ 5988

4. Generator's Phone 912 352-5312

5. Transporter 1 Company Name
Georgia Petroleum

6. US EPA ID Number
GAD981222433

Credit

7. Transporter 2 Company Name

8. US EPA ID Number

Paid

9. Designated Facility Name and Site Address
Georgia Petroleum, Inc.
1612 James P. Rogers Circle
Valdosta, Georgia 31601

10. US EPA ID Number
GAD# 981222433

A. Transporter's Phone 912-244-9110
B. Transporter's Phone
C. Facility's Phone 912-244-9110

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non. Haz. Oily Water For Recycle (T003)		T/T	6200	Gal
b. (T004)				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
API _____ VIS _____ BSW _____
CHLOR _____

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
In the event of an emergency call 912-244-9110 Mon-Fri 8-5 or 912-242-0601 anytime.

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Angi N. Eason
Signature: Angi N. Eason
Month Day Year: 02 17 98

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DONALD McMILLAN
Signature: Donald McMillan
Month Day Year: 02 17 98

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Gene Goldfuss
Signature: Gene Goldfuss
Month Day Year: 02 17 98

GENERATOR
TRANSPORTER
FACILITY

TRANSPORTER #2

12-81 GWS Rev. 2/94

Georgia Petroleum, Inc.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. GAD981281991
Manifest Document No.
2. Page 1 of 1 — 2-25-98

3. Generator's Name and Mailing Address
Hendry Oil
P.O. Box 281 Lake Park Ga.
DELIVERY TICKET No 6138
4. Generator's Phone (912) 244-1173

5. Transporter 1 Company Name: Hendry Oil
6. US EPA ID Number: GAD981281991
7. Transporter 2 Company Name
8. US EPA ID Number

Credit
Paid

9. Designated Facility Name and Site Address
Georgia Petroleum, Inc.
1313 Jesse F. Hanson Circle
Valdosta, Georgia 31601
10. US EPA ID Number: GAD 981283333

A. Transporter's Phone 912-244-1173
B. Transporter's Phone
C. Facility's Phone 912-244-0110

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Haz. Used Oil		TK	706	Gal
b. Hendry Oil				
c. Lake Park Ga. GAD 981281991				
d. 706 Gal. oil with				

D. Additional Descriptions for Materials Listed Above
API 22.5 VIS 145 bar BSW 0.50% COLOR L100 141.10

E. Handling Codes for Wastes Listed Above
Gal.

15. Special Handling Instructions and Additional Information
In the event of an emergency call 912-244-0110 Mon-Fri 8-5 or 912-242-0081 anytime.
Paid w/ CK 70867
Ho 212
M 194
"This used oil is subject to EPA Change 207 141.10

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Steve Hendry Sr. — Signature — Month 02 Day 25 Year 98

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: No 6283 Steve Hendry — Signature — Month 02 Day 25 Year 98

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Gene Goldhose — Signature — Month 02 Day 25 Year 98

GENERATOR — TRANSPORTER — FACILITY

COPY

Georgia Petroleum, Inc.

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. GA 4210022733	Manifest Document No. E8580	2. Page 1 of 1	3-2-98

3. Generator's Name and Mailing Address
AFZ P-DEV Enviro office
98 S. Middleground Rd. Hunter Army Airfield 31409
№ 6065

4. Generator's Phone 912 352-5312

5. Transporter 1 Company Name	6. US EPA ID Number	
Georgia Petroleum	GAD 981 222 433	Credit
7. Transporter 2 Company Name	8. US EPA ID Number	Paid

9. Designated Facility Name and Site Address	10. US EPA ID Number	
Georgia Petroleum, Inc. 1812 James P. Rogers Circle Valdosta, Georgia 31601	GAD# 981222433	A. Transporter's Phone 912-244-9110 B. Transporter's Phone C. Facility's Phone 912-244-9110

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non. Haz. Oily Water For Recycle	001	T/T	6200	Gal
b.				
c.				
d.				

GENERATOR

D. Additional Descriptions for Materials Listed Above
API _____ VIS _____ BSW _____
CHLOR _____

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
In the event of an emergency call 912-244-9110 Mon - Fri 8-5 or 912-242-0601 anytime.

TWO1

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Angie N. Eason	Angie N. Eason	03	02	98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Scott Garrett	Scott Garrett	3	2	98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Gene Gobbus	Gene Gobbus	03	02	98

12 BUS 66 Rev 4/94

TRANSPORTER #2

Georgia Petroleum, Inc.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. GA 4210022733 | Manifest Document No. 285798 | 2. Page 1 of 1 | 3-2-98

3. Generator's Name and Mailing Address
AFZ P-DEV Enviro Office
98 S. Middle Ground Rd. Hunter Army Airfield 31409
№ 6066

4. Generator's Phone (912) 352-5312

5. Transporter 1 Company Name: Georgia Petroleum
6. US EPA ID Number: GAD 981 222 433

Credit

7. Transporter 2 Company Name
8. US EPA ID Number

Paid

9. Designated Facility Name and Site Address
Georgia Petroleum, Inc.
1612 James P. Rogers Circle
Valdosta, Georgia 31601
10. US EPA ID Number: GAD# 981222433

A. Transporter's Phone 912-244-9110
B. Transporter's Phone
C. Facility's Phone 912-244-9110

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Haz. Oily Water For Recycle 002	001	T/A	6200	Gal
b.				
c.				
d.				

GENERATOR

D. Additional Descriptions for Materials Listed Above
API _____ VIS _____ BSW _____
CHLOR _____

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
In the event of an emergency call 912-244-9110 Mon - Fri 8-5 or 912-242-0601 anytime.
T-002

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name | Signature | Month 10 Day 31 Year 1998

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month 3 Day 2 Year 98

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month 03 Day 02 Year 98

12 BL 106 Rev. 7-91

TRANSPORTER #2

Georgia Petroleum, Inc.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. GA 421 0022 733
Manifest Document No. E8581
2. Page 1 of 1
3-3-98

3. Generator's Name and Mailing Address
AFZD-DEV Enviro Office
95 S. Middleground Rd. Hunter Army Airfield 31409
№ 6077

4. Generator's Phone (912) 352-5312

5. Transporter 1 Company Name: Georgia Petroleum
6. US EPA ID Number: GAD 981222433

Credit

7. Transporter 2 Company Name
8. US EPA ID Number

Paid

9. Designated Facility Name and Site Address
Georgia Petroleum, Inc.
1612 James P. Rogers Circle
Valdosta, Georgia 31601
10. US EPA ID Number: GAD# 981222433

A. Transporter's Phone 912-244-9110
B. Transporter's Phone
C. Facility's Phone 912-244-9110

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non. Haz. Oily water For Recycle	001	TT	6200	Gal
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
API _____ VIS _____ BSW _____
CHLOR _____

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
In the event of an emergency call 912-244-9110 Mon - Fri 8-5 or 912-242-0601 anytime.
Emergency Load $350.00
40.00 Inc Pumping chg
$390.00

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Terry Vierenhausen
Signature
Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Rick Peters
Signature
Month 3 Day 3 Year 98

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Paul Collins
Signature
Month 03 Day 03 Year 98

GENERATOR
TRANSPORTER
FACILITY

TRANSPORTER #2

Georgia Petroleum, Inc.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. GA 421 0022733
Manifest Document No. 28583
2. Page 1 of 3-4-98

№ 6086

3. Generator's Name and Mailing Address
AFZP-DEU Enviro Office
98 S. Middleground Rd. Hunter Airfield 31409
4. Generator's Phone (912) 352-5312

5. Transporter 1 Company Name: Georgia Petroleum
6. US EPA ID Number: GAD 981 222433
7. Transporter 2 Company Name
8. US EPA ID Number

Credit

Paid

9. Designated Facility Name and Site Address
Georgia Petroleum, Inc.
1612 James P. Rogers Circle
Valdosta, Georgia 31601
10. US EPA ID Number
GAD# 981222433

A. Transporter's Phone 912-244-9110
B. Transporter's Phone
C. Facility's Phone 912-244-9110

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non. Haz. Oily water For Recycle		T/G	6200	Gal
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
API _____ VIS _____ BSW _____
CHLOR _____

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
In the event of an emergency call 912-244-9110 Mon - Fri 8-5 or 912-242-0601 anytime.

001

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Argie N. Eason
Signature: Argie N Eason
Month Day Year: 03 04 98

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Scott Barrett
Signature: Scott Barrett
Month Day Year: 3 4 98

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Gene Goldfuss
Signature: Gene Goldfuss
Month Day Year: 03 04 98

GENERATOR → TRANSPORTER → FACILITY

TRANSPORTER #2

EPA Form 8700-22 (Rev. 9-94)

Georgia Petroleum, Inc.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. GA 421 0022 733
Manifest Document No. E8582
2. Page 1 of 1
3-4-98

3. Generator's Name and Mailing Address
AFZP-DEV, Enviro Office
98 S. Middleground Rd. Hunter Airfield
No 6987
4. Generator's Phone (912) 352-5312 31409

5. Transporter 1 Company Name: Georgia Petroleum
6. US EPA ID Number: GAD 981 222 433

7. Transporter 2 Company Name
8. US EPA ID Number

Credit
Paid

9. Designated Facility Name and Site Address
Georgia Petroleum, Inc.
1612 James P. Rogers Circle
Valdosta, Georgia 31601
10. US EPA ID Number
GAD# 981222433

A. Transporter's Phone 912-244-9110
B. Transporter's Phone
C. Facility's Phone 912-244-9110

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non. Haz. Oily Water For Recycle		TT	62.00	Gal
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
API _____ VIS _____ BSW _____
CHLOR _____

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
In the event of an emergency call 912-244-9110 Mon - Fri 8-5 or 912-242-0601 anytime.

0021

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Angie N. Eason
Signature: Angie N. Eason
Month Day Year: 03 04 98

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DONALD McMILLAN
Signature: Donald McMillan
Month Day Year: 03 04 98

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

F. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Gene Goldfuss
Signature: Gene Goldfuss
Month Day Year: 03 04 98

GENERATOR → TRANSPORTER → FACILITY

TRANSPORTER #2

12 BLS 06 Rev. 4/94

Georgia Petroleum, Inc.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. GA 4210022733
Manifest Document No. 68585
2. Page 1 of 1
3-5-98

3. Generator's Name and Mailing Address
AFZD-DEV Enviro Office
95 S. Middleground Rd. Hunter Army Airfield 31409
№ 6099

4. Generator's Phone (912) 352-5312

5. Transporter 1 Company Name: Georgia Petroleum
6. US EPA ID Number: GAD 981222433

7. Transporter 2 Company Name
8. US EPA ID Number

Credit

Paid

9. Designated Facility Name and Site Address
Georgia Petroleum, Inc.
1612 James P. Rogers Circle
Valdosta, Georgia 31601

10. US EPA ID Number
GAD# 981222433

A. Transporter's Phone 912-244-9110
B. Transporter's Phone
C. Facility's Phone 912-244-9110

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Haz Oily Water For Recycle		TK		GAL
b.	001		6200	
c.				
d.				

D. Additional Descriptions for Materials Listed Above
API _____ VIS _____ BSW _____
CHLOR _____

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
In the event of an emergency call 912-244-9110 Mon - Fri 8-5 or 912-242-0801 anytime.

T-002

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Terry L Nicholson	[signature]	3	5	98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Donald McMillan	[signature]	3	5	98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Gene Goldfuss	[signature]	03	05	98

GENERATOR → TRANSPORTER → FACILITY

12-BLS-06 Rev. 4/94

TRANSPORTER #2

Georgia Petroleum, Inc.

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. GA4210022733	Manifest Document No. E8584	2. Page 1 of	3-5-98

Generator's Name and Mailing Address
AFZP-DEV Enviro, office No 6100
95 S. Middleground Rd, Hunter Army Airfield
31409

4. Generator's Phone 912 352-5312

5. Transporter 1 Company Name	6. US EPA ID Number	Credit
Georgia Petroleum	GAD981222433	
7. Transporter 2 Company Name	8. US EPA ID Number	Paid

9. Designated Facility Name and Site Address	10. US EPA ID Number	
Georgia Petroleum, Inc. 1612 James P. Rogers Circle Valdosta, Georgia 31601	GAD# 981222433	A. Transporter's Phone 912-244-9110 B. Transporter's Phone C. Facility's Phone 912-244-9110

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non. Haz. Oily Water For Recycle	001	T/T	6200	Gal
b.				
c.				
d.				

Additional Descriptions for Materials Listed Above
API _____ VIS _____ BSW _____
CHLOR _____

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
In the event of an emergency call 912-244-9110 Mon - Fri 8-5 or 912-242-0601 anytime.

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Terry L. Vierenhausen	[signature]	3	5	98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Scott Barrett	[signature]	3	5	98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Gene Goldfuss	[signature]	03	05	98

GENERATOR
TRANSPORTER
FACILITY

TRANSPORTER #2

Georgia Petroleum, Inc.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1
GA [illegible]		3-14-98

3. Generator's Name and Mailing Address: AFZIP DEW Energy office, 93 S. Middle [illegible], Hwy [illegible] Field

No 6179

4. Generator's Phone ([illegible])

5. Transporter 1 Company Name	6. US EPA ID Number
Indian Transportation	GAD [illegible]
7. Transporter 2 Company Name	8. US EPA ID Number

Credit

Paid

9. Designated Facility Name and Site Address	10. US EPA ID Number
Georgia Petroleum, Inc. 1612 James P. Rogers Circle Valdosta, Georgia 31601	GAD# 081292433

A. Transporter's Phone: 692-0716

B. Transporter's Phone:

C. Facility's Phone: 912-244-0110

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Haz Oily Water for Recycle	1	TK	6500	Ga
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

API _____ VIS _____ BSW _____

CHLOR _____

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

In the event of an emergency call 912-244-0110 Mon - Fri 8-5 or 912-242-0801 anytime.

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
HENRY BAILEY	Henry Bailey	3	14	98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		3	14	98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		3	16	98

GENERATOR → TRANSPORTER → FACILITY

COPY

Georgia Petroleum, Inc.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. GA 4210022733

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
AP 2P DEV
No 6180

4. Generator's Phone (912) 563 5212

5. Transporter 1 Company Name

6. US EPA ID Number

Credit

7. Transporter 2 Company Name

8. US EPA ID Number

Paid

9. Designated Facility Name and Site Address
Georgia Petroleum, Inc.
1612 James P. Rogers Circle
Valdosta, Georgia 31601

10. US EPA ID Number
GAD# 981220433

A. Transporter's Phone

B. Transporter's Phone

C. Facility's Phone 912-244-3110

11. Waste Shipping Name and Description	Containers No.	Containers Type	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Haz Oil, Water Sol Resp			1		6500	G
b.						
c.						
d.						

GENERATOR

Additional Descriptions for Materials Listed Above

API _____ VIS _____ BSW _____

CHLOR _____

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

In the event of an emergency call 912-244-3110 Mon - Fri 8-5 or 912-242-6601 anytime.

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name | Signature | Month | Day | Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name Xcelsior Carriers | Signature | Month 3 | Day 14 | Year 93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Signature | Month | Day | Year

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month | Day | Year

COPY

SOIL SAFE TECHNOLOGIES NON-HAZARDOUS MATERIALS MANIFEST

SOIL SAFE TECHNOLOGIES INCORPORATED, P.O. BOX 60055, SAVANNAH, GA 31420 PH:912-925-6800 FAX:912-925-0308

GENERATOR/SHIPPING INFORMATION

GENERATOR: **U.S. Army Hunter Army Airfield**
CONTRACTOR: Omega Environmental Services
ADDRESS: 4661 Hammermill Road
Tucker, GA 30084
PHONE: 770-621-9414

SHIPPING LOCATION: Fire Training Area
ADDRESS: DPW Public Works
98 S. Middleground Bldg. 1216
HAAF, GA 31409

MATERIALS DESCRIPTION

NON-HAZARDOUS PETROLEUM CONTAMINATED

MATERIAL. NON DOT/RCRA REGULATED.

DRUMS SOIL: 7

JOB NUMBER: 0240S2
APPROVAL NUMBER: 4-0240S2
MANIFEST LOG NUMBER: 0240S - ~~E8168~~ 8199

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL DOES NOT CONTAIN ANY FREE LIQUID AS DEFINED BY 40 CFR PART 260.10 (ANY APLLICABLE STATE LAW, IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW, HAS BE PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED, AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICAB REGULATIONS

Angi N. Eason — GENERATOR AUTHORIZED AGENT NAME (Print or Type)
Angi N Eason — SIGNATURE OF AGENT NAMED AT LEFT
1-26-98 — DATE

TRANSPORTER INFORMATION

TRANSPORTER: Kelly Dukes, Inc.
ADDRESS: 4140-A Ogeechee Road
Savannah, GA 31405
PHONE: 912-232-8750

VEH. LIC. NO./STATE 024 ED 59 Maryland TRUCK NO. 55114
Soil Safe Truck

X DRIVER NAME (PRINT) Roger Stokes

X I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR LOCATION LISTED.

Roger Stokes — DRIVER SIGNATURE
1/26/98 — PICKUP DATE

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED.

DRIVER SIGNATURE — DELIVERY DATE

DESTINATION INFORMATION

SITE NAME: SOIL SAFE TECHNOLOGIES, INC.
ADDRESS: 1618 Dean Forest Road
Savannah, GA 31405

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

AGENT NAME/PHONE NUMBER:
PAUL M. LEWCZYK 912-925-6800

Paul Lewczyk 1/26/98
SIGNATURE OF AUTHORIZED AGENT OR DESIGNATED REPRESENTATIVE / RECEIPT DATE

WHITE- GENERATOR YELLOW-CONTRACTOR/BROKER PINK-FACILITY GOLDENROD-TRANSPORTER

NOTES: ALL INFORMATION MUST BE FILLED IN BY THE RESPONSIBLE PERSON. WEIGHTS WILL BE WRITTEN ON FRONT OF MANIFEST IN THE SPACES PROVID COPY OF SCALE TICKET WILL BE MARKED WITH THE MANIFEST LOG NUMBER AND ATTACHED TO THE BACK TOP PORTIOF THE MANIFEST WITH WEIG INFORMATION FACING OUT. NO COPIES OF THE MANIFEST MAY BE REMOVED UNTIL THE ACCEPTANCE SIGNATURE IS OBTAINED AT DELIVERY. ACCEPTING AGE WILL PROVIDE SIGNED COPY 4 TO DRIVER. COPIES 1, 2 & 3 WILL BE DISTRIBUTED BY SOIL SAFE.

Emergency Contact Telephone Number

E8586

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. GA 4 2 1 0 0 2 2 7 3 3

Manifest Document No. 98517

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address DPW Environmental Office, AFZP-DEV(H), Bldg 1216, 98 South Middle Ground Rd., HAAF, Savannah GA 31409

4. Generator's Phone (912 352 5512) (912 692 0210)

5. Transporter 1 Company Name: Freehold Cartage Inc.

6. US EPA ID Number: NJD 054126164

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address: Fisher Industrial Service, Webster Chapel Rd., Glencoe AL 35905

10. US EPA ID Number: ALD 981020894

A. State Manifest Document Number

B. State Generator's ID

C. State Transporter's ID

D. Transporter's Phone (941) 533-4599

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone 205-492-8340

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	Hazardous Waste Solid, NOS 9, UN3077 D008		001	DM	50	lb	D008
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: For Mike Warren, Omega Env. 912 692 0210; Eric Prime 912 924 0994; 28157

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimized the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Angi N. Eason — Signature: [signature] — Month 03 Day 10 Year 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Joe Ahlers — Signature: [signature] — Month 03 Day 10 Year 98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name — Signature — Month Day Year

TRANSPORTER #2

INTAKE SUMMARY FOR JOB NUMBER: 0240S2

CUSTOMER: OMEGA ENVIRONMENTAL SERVICES
GENERATOR: U.S. ARMY HUNTER ARMY AIRFIELD
MATERIAL TYPE: CONCRETE DEBRIS

TOTAL TONS: 233.55

LOG NUMBER	DATE INTAKE	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT	NET TONS
E8001	1/13/98	45600	22140	23460	11.73
E8002	1/13/98	47400	21960	25440	12.72
E8003	1/13/98	51840	23600	28240	14.12
E8004	1/13/98	46820	21640	25180	12.59
E8005	1/13/98	51740	23560	28180	14.09
E8006	1/13/98	56540	22840	33700	16.85
E8007	1/13/98	55160	21740	33420	16.71
E8008	1/13/98	45240	21960	23280	11.64
E8009	1/13/98	50380	22140	28240	14.12
E8010	1/13/98	57560	23600	33960	16.98
E8011	1/13/98	46820	21640	25180	12.59
E8012	1/13/98	57600	22840	34760	17.38
E8013	1/13/98	57220	21740	35480	17.74
E8014	1/13/98	55860	23060	32800	16.40
E8015	1/13/98	53660	24060	29600	14.80
E8016	1/13/98	46260	20080	26180	13.09

INTAKE SUMMARY FOR JOB NUMBER: 0240S

CUSTOMER: OMEGA ENVIRONMENTAL SERVICES
GENERATOR: U.S. ARMY HUNTER ARMY AIRFIELD
MATERIAL TYPE: SOIL

TOTAL TONS: **9430.04**

LOG NUMBER	DATE INTAKE	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT	NET TONS
E8018	1/20/98	61200	22500	38700	19.35
E8019	1/20/98	67060	23120	43940	21.97
E8020	1/20/98	59500	22500	37000	18.50
E8021	1/20/98	60220	22640	37580	18.79
E8022	1/20/98	60540	22500	38040	19.02
E8023	1/20/98	55200	22580	32620	16.31
E8024	1/20/98	60900	23460	37440	18.72
E8025	1/20/98	51140	22260	28880	14.44
E8026	1/20/98	60320	22500	37820	18.91
E8027	1/20/98	63640	22500	41140	20.57
E8028	1/20/98	66360	23120	43240	21.62
E8029	1/20/98	55440	22260	33180	16.59
E8030	1/20/98	57100	22640	34460	17.23
E8031	1/20/98	53920	22580	31340	15.67
E8032	1/20/98	60700	22500	38200	19.10
E8033	1/20/98	52920	22260	30660	15.33
E8034	1/20/98	60760	23460	37300	18.65
E8035	1/20/98	58400	22500	35900	17.95
E8036	1/20/98	71300	23120	48180	24.09
E8037	1/20/98	58920	22500	36420	18.21
E8038	1/20/98	65080	22640	42440	21.22
E8039	1/20/98	51660	21300	30360	15.18
E8040	1/20/98	64880	22500	42380	21.19
E8041	1/20/98	57400	22580	34820	17.41
E8042	1/20/98	64340	23460	40880	20.44
E8043	1/20/98	47420	22260	25160	12.58
E8044	1/20/98	54940	22500	32440	16.22
E8045	1/20/98	59980	22500	37480	18.74
E8046	1/20/98	56080	22640	33440	16.72
E8047	1/20/98	51760	21300	30460	15.23
E8048	1/20/98	54560	23120	31440	15.72
E8049	1/20/98	56680	22500	34180	17.09
E8050	1/20/98	55120	23460	31660	15.83
E8051	1/20/98	52100	22580	29520	14.76
E8052	1/20/98	53080	22260	30820	15.41
E8053	1/20/98	63940	22500	41440	20.72
E8054	1/20/98	51700	22640	29060	14.53
E8055	1/20/98	47080	22500	24580	12.29
E8056	1/20/98	64300	23120	41180	20.59
E8057	1/20/98	49220	21300	27920	13.96
E8058	1/20/98	56360	22500	33860	16.93
E8059	1/20/98	58380	23460	34920	17.46
E8060	1/20/98	53460	22580	30880	15.44
E8061	1/20/98	47180	22260	24920	12.46

E8062	1/20/98	53340	22500	30840	15.42
E8063	1/20/98	55460	22500	32960	16.48
E8064	1/20/98	52300	22640	29660	14.83
E8065	1/20/98	58160	23120	35040	17.52
E8066	1/20/98	54120	22500	31620	15.81
E8067	1/20/98	53560	23460	30100	15.05
E8068	1/20/98	47260	22580	24680	12.34
E8069	1/20/98	45040	22260	22780	11.39
E8070	1/20/98	49080	22500	26580	13.29
E8071	1/20/98	57000	22500	34500	17.25
E8072	1/21/98	54560	22300	32260	16.13
E8073	1/21/98	55620	23960	31660	15.83
E8074	1/21/98	64520	23120	41400	20.70
E8075	1/21/98	55260	22740	32520	16.26
E8076	1/21/98	54840	22920	31920	15.96
E8077	1/21/98	59460	22360	37100	18.55
E8078	1/21/98	61780	23640	38140	19.07
E8079	1/21/98	59060	22540	36520	18.26
E8080	1/21/98	41020	22300	18720	9.36
E8081	1/21/98	49600	23960	25640	12.82
E8082	1/21/98	54980	23120	31860	15.93
E8083	1/21/98	50840	22920	27920	13.96
E8084	1/21/98	51940	22500	29440	14.72
E8085	1/21/98	59020	23460	35560	17.78
E8086	1/21/98	59220	22500	36720	18.36
E8087	1/21/98	55160	23960	31200	15.60
E8088	1/21/98	58620	23120	35500	17.75
E8089	1/21/98	49200	22300	26900	13.45
E8090	1/21/98	59000	22920	36080	18.04
E8091	1/21/98	52280	22500	29780	14.89
E8092	1/21/98	57900	23460	34440	17.22
E8093	1/21/98	57740	22500	35240	17.62
E8094	1/21/98	56560	23960	32600	16.30
E8095	1/21/98	54640	23120	31520	15.76
E8096	1/21/98	55160	22920	32240	16.12
E8097	1/21/98	54540	22360	32180	16.09
E8098	1/21/98	55820	23640	32180	16.09
E8099	1/21/98	55000	22540	32460	16.23
E8100	1/21/98	47580	22300	25280	12.64
E8101	1/21/98	57700	23120	34580	17.29
E8102	1/21/98	58780	23960	34820	17.41
E8103	1/21/98	53680	22920	30760	15.38
E8104	1/21/98	61860	22500	39360	19.68
E8105	1/21/98	58880	23460	35420	17.71
E8106	1/21/98	56380	22500	33880	16.94
E8107	1/21/98	63940	23120	40820	20.41
E8108	1/21/98	50320	22300	28020	14.01
E8109	1/21/98	56740	23960	32780	16.39
E8110	1/21/98	54740	22920	31820	15.91
E8111	1/21/98	57260	22500	34760	17.38
E8112	1/21/98	55380	23460	31920	15.96
E8113	1/21/98	56600	22500	34100	17.05
E8114	1/21/98	62080	23120	38960	19.48
E8115	1/21/98	51920	22300	29620	14.81
E8116	1/21/98	57460	23960	33500	16.75

E8117	1/21/98	60540	22920	37620	18.81
E8118	1/21/98	57240	22500	34740	17.37
E8119	1/21/98	57860	23460	34400	17.20
E8120	1/21/98	59020	22500	36520	18.26
E8121	1/21/98	55120	23120	32000	16.00
E8122	1/22/98	57220	23600	33620	16.81
E8123	1/22/98	55600	22880	32720	16.36
E8124	1/22/98	62860	23120	39740	19.87
E8125	1/22/98	48960	22480	26480	13.24
E8126	1/22/98	52640	22500	30140	15.07
E8127	1/22/98	53040	22160	30880	15.44
E8128	1/22/98	59440	22640	36800	18.40
E8129	1/22/98	52620	22880	29740	14.87
E8130	1/22/98	52040	22500	29540	14.77
E8131	1/22/98	59660	23120	36540	18.27
E8132	1/22/98	46240	22260	23980	11.99
E8133	1/22/98	60200	22500	37700	18.85
E8134	1/22/98	52360	22160	30200	15.10
E8135	1/22/98	46040	22640	23400	11.70
E8136	1/22/98	49140	22880	26260	13.13
E8137	1/22/98	50740	22500	28240	14.12
E8138	1/22/98	54020	23120	30900	15.45
E8139	1/22/98	55440	22500	32940	16.47
E8140	1/22/98	48600	22160	26440	13.22
E8141	1/22/98	41620	22260	19360	9.68
E8142	1/22/98	49920	22720	27200	13.60
E8143	1/26/98	53820	22300	31520	15.76
E8144	1/26/98	55320	22500	32820	16.41
E8145	1/26/98	59500	22840	36660	18.33
E8146	1/26/98	53960	22520	31440	15.72
E8147	1/26/98	54120	22460	31660	15.83
E8148	1/26/98	55520	20820	34700	17.35
E8149	1/26/98	53080	22320	30760	15.38
E8150	1/26/98	56840	22080	34760	17.38
E8151	1/26/98	57320	22320	35000	17.50
E8152	1/26/98	56900	22300	34600	17.30
E8153	1/26/98	57400	22500	34900	17.45
E8154	1/26/98	58900	22840	36060	18.03
E8155	1/26/98	56160	22520	33640	16.82
E8156	1/26/98	54640	22460	32180	16.09
E8157	1/26/98	52880	20820	32060	16.03
E8158	1/26/98	51980	22320	29660	14.83
E8159	1/26/98	56580	22080	34500	17.25
E8160	1/26/98	55540	22300	33240	16.62
E8161	1/26/98	55180	22320	32860	16.43
E8162	1/26/98	59720	22500	37220	18.61
E8163	1/26/98	56000	22840	33160	16.58
E8164	1/26/98	50460	22520	27940	13.97
E8165	1/26/98	48880	22460	26420	13.21
E8166	1/26/98	54460	20820	33640	16.82
E8167	1/26/98	49580	22360	27220	13.61
E8168	1/26/98	47120	22080	25040	12.52
E8169	1/26/98	55040	22300	32740	16.37
E8170	1/26/98	51780	22320	29460	14.73
E8171	1/26/98	46420	22840	23580	11.79

E8172	1/26/98	54840	22500	32340	16.17
E8173	1/26/98	49300	20820	28480	14.24
E8174	1/26/98	47840	22460	25380	12.69
E8175	1/26/98	49620	22520	27100	13.55
E8176	1/26/98	50060	22080	27980	13.99
E8177	1/26/98	55020	22300	32720	16.36
E8178	1/26/98	52500	22840	29660	14.83
E8179	1/26/98	48600	22320	26280	13.14
E8180	1/26/98	47820	22320	25500	12.75
E8181	1/26/98	56520	22500	34020	17.01
E8182	1/26/98	47740	20820	26920	13.46
E8183	1/26/98	52140	22460	29680	14.84
E8184	1/26/98	51520	22520	29000	14.50
E8185	1/26/98	52180	22080	30100	15.05
E8186	1/26/98	57620	22300	35320	17.66
E8187	1/26/98	47420	22320	25100	12.55
E8188	1/26/98	57720	22840	34880	17.44
E8189	1/26/98	51460	22320	29140	14.57
E8190	1/26/98	52000	22500	29500	14.75
E8191	1/26/98	50500	20820	29680	14.84
E8192	1/26/98	47860	22460	25400	12.70
E8193	1/26/98	53240	22520	30720	15.36
E8194	1/26/98	56220	22300	33920	16.96
E8195	1/26/98	50280	22080	28200	14.10
E8196	1/26/98	51160	22320	28840	14.42
E8197	1/26/98	59540	22840	36700	18.35
E8198	1/26/98	52820	22320	30500	15.25
E8199	1/26/98	52140	22460	29680	14.84
E8200	1/26/98	52120	22500	29620	14.81
E8201	1/26/98	53220	20820	32400	16.20
E8202	2/4/98	54080	23000	31080	15.54
E8203	2/4/98	56220	22980	33240	16.62
E8204	2/4/98	53660	21400	32260	16.13
E8205	2/4/98	55720	22720	33000	16.50
E8206	2/4/98	59560	23420	36140	18.07
E8207	2/4/98	57200	26000	31200	15.60
E8208	2/4/98	57280	21820	35460	17.73
E8209	2/4/98	50560	22880	27680	13.84
E8210	2/4/98	57360	22540	34820	17.41
E8211	2/4/98	55700	21400	34300	17.15
E8212	2/4/98	54480	22980	31500	15.75
E8213	2/4/98	57960	23000	34960	17.48
E8214	2/4/98	55560	22720	32840	16.42
E8215	2/4/98	55660	21820	33840	16.92
E8216	2/4/98	56520	22880	33640	16.82
E8217	2/4/98	57980	22540	35440	17.72
E8218	2/4/98	55680	21400	34280	17.14
E8219	2/4/98	53760	26000	27760	13.88
E8220	2/4/98	52100	22980	29120	14.56
E8221	2/4/98	58160	23000	35160	17.58
E8222	2/4/98	58960	22720	36240	18.12
E8223	2/4/98	47700	21820	25880	12.94
E8224	2/4/98	57960	22880	35080	17.54
E8225	2/4/98	56220	22540	33680	16.84
E8226	2/4/98	61260	23000	38260	19.13

E8227	2/4/98	57460	26000	31460	15.73
E8228	2/4/98	60740	21400	39340	19.67
E8229	2/4/98	53140	20280	32860	16.43
E8230	2/4/98	67320	20840	46480	23.24
E8231	2/4/98	57460	21820	35640	17.82
E8232	2/4/98	59320	22720	36600	18.30
E8233	2/4/98	57660	20680	36980	18.49
E8234	2/4/98	58140	22980	35160	17.58
E8235	2/4/98	56540	22880	33660	16.83
E8236	2/4/98	50680	22540	28140	14.07
E8237	2/4/98	53680	23000	30680	15.34
E8238	2/4/98	60200	23180	37020	18.51
E8239	2/4/98	54720	21400	33320	16.66
E8240	2/4/98	59480	23420	36060	18.03
E8241	2/4/98	53900	26000	27900	13.95
E8242	2/4/98	57420	20280	37140	18.57
E8243	2/4/98	66820	20840	45980	22.99
E8244	2/4/98	59560	21820	37740	18.87
E8245	2/4/98	57040	22720	34320	17.16
E8246	2/4/98	58480	20680	37800	18.90
E8247	2/4/98	50180	22880	27300	13.65
E8248	2/4/98	48920	22540	26380	13.19
E8249	2/13/98	50400	24080	26320	13.16
E8250	2/13/98	53180	22460	30720	15.36
E8251	2/13/98	54200	23680	30520	15.26
E8252	2/13/98	54680	21940	32740	16.37
E8253	2/13/98	55560	22220	33340	16.67
E8254	2/13/98	71840	31780	40060	20.03
E8255	2/13/98	51660	28480	23180	11.59
E8256	2/13/98	56500	22460	34040	17.02
E8257	2/13/98	57060	21940	35120	17.56
E8258	2/13/98	57980	23680	34300	17.15
E8259	2/13/98	58380	22300	36080	18.04
E8260	2/13/98	74340	31780	42560	21.28
E8261	2/13/98	58780	22200	36580	18.29
E8262	2/13/98	60200	24080	36120	18.06
E8263	2/13/98	57740	24080	33660	16.83
E8264	2/13/98	58520	21280	37240	18.62
E8265	2/13/98	57200	22280	34920	17.46
E8266	2/13/98	57700	21940	35760	17.88
E8267	2/13/98	56620	23680	32940	16.47
E8268	2/13/98	78600	31780	46820	23.41
E8269	2/13/98	60780	21200	39580	19.79
E8270	2/13/98	60100	22300	37800	18.90
E8271	2/13/98	63320	24080	39240	19.62
E8272	2/13/98	56720	24080	32640	16.32
E8273	2/13/98	58300	24460	33840	16.92
E8274	2/13/98	59200	21940	37260	18.63
E8275	2/13/98	59780	21280	38500	19.25
E8276	2/13/98	47600	22280	25320	12.66
E8277	2/13/98	48340	23680	24660	12.33
E8278	2/13/98	48780	22300	26480	13.24
E8279	2/13/98	46320	21200	25120	12.56
E8280	2/13/98	80060	31780	48280	24.14
E8281	2/13/98	57120	24460	32660	16.33

E8282	2/13/98	61220	22080	39140	19.57
E8283	2/13/98	60580	24080	36500	18.25
E8284	2/13/98	58080	21940	36140	18.07
E8285	2/13/98	58660	21280	37380	18.69
E8286	2/13/98	57860	22280	35580	17.79
E8287	2/13/98	58380	23680	34700	17.35
E8288	2/13/98	58580	21200	37380	18.69
E8289	2/13/98	59480	22300	37180	18.59
E8290	2/13/98	80520	31780	48740	24.37
E8291	2/13/98	58780	24080	34700	17.35
E8292	2/13/98	60580	24080	36500	18.25
E8293	2/13/98	57880	21940	35940	17.97
E8294	2/13/98	58600	24460	34140	17.07
E8295	2/13/98	60880	21280	39600	19.80
E8296	2/13/98	62220	22280	39940	19.97
E8297	2/13/98	62680	21200	41480	20.74
E8298	2/13/98	60160	23680	36480	18.24
E8299	2/13/98	61420	22300	39120	19.56
E8300	2/13/98	77140	31780	45360	22.68
E8301	2/18/98	58880	22340	36540	18.27
E8302	2/18/98	59280	23100	36180	18.09
E8303	2/18/98	60460	22360	38100	19.05
E8304	2/18/98	57460	22520	34940	17.47
E8305	2/18/98	60820	22760	38060	19.03
E8306	2/18/98	62180	23160	39020	19.51
E8307	2/18/98	62180	22340	39840	19.92
E8308	2/18/98	59640	21960	37680	18.84
E8309	2/18/98	60700	22360	38340	19.17
E8310	2/18/98	60380	22180	38200	19.10
E8311	2/18/98	61660	22520	39140	19.57
E8312	2/18/98	59860	23100	36760	18.38
E8313	2/18/98	62140	22760	39380	19.69
E8314	2/18/98	62840	23160	39680	19.84
E8315	2/18/98	62500	22340	40160	20.08
E8316	2/18/98	61220	22360	38860	19.43
E8317	2/18/98	63080	22520	40560	20.28
E8318	2/18/98	61220	21960	39260	19.63
E8319	2/18/98	60600	22180	38420	19.21
E8320	2/18/98	62660	22760	39900	19.95
E8321	2/18/98	58060	23100	34960	17.48
E8322	2/18/98	61060	22340	38720	19.36
E8323	2/18/98	60780	22360	38420	19.21
E8324	2/18/98	61660	22520	39140	19.57
E8325	2/18/98	58960	21960	37000	18.50
E8326	2/18/98	58040	22760	35280	17.64
E8327	2/18/98	62680	23160	39520	19.76
E8328	2/18/98	0	0	0	0.00
E8329	2/18/98	57100	22340	34760	17.38
E8330	2/18/98	55020	22180	32840	16.42
E8331	2/18/98	58540	22360	36180	18.09
E8332	2/18/98	63140	22520	40620	20.31
E8333	2/18/98	61020	22520	38500	19.25
E8334	2/18/98	60080	21960	38120	19.06
E8335	2/18/98	64620	23160	41460	20.73
E8336	2/18/98	57300	21820	35480	17.74

E8337	2/18/98	60640	23100	37540	18.77
E8338	2/18/98	62740	22340	40400	20.20
E8339	2/18/98	60920	22180	38740	19.37
E8340	2/18/98	62620	22360	40260	20.13
E8341	2/18/98	61540	22520	39020	19.51
E8342	2/18/98	58820	22760	36060	18.03
E8343	2/18/98	0	0	0	0.00
E8344	2/18/98	57180	21820	35360	17.68
E8345	2/18/98	62640	23160	39480	19.74
E8346	2/18/98	61060	23100	37960	18.98
E8347	Not Used			0	0.00
E8348	Not Used			0	0.00
E8349	Not Used			0	0.00
E8350	Not Used			0	0.00
E8351	Not Used			0	0.00
E8352	Not Used			0	0.00
E8353	Not Used			0	0.00
E8354	2/19/98	56520	22520	34000	17.00
E8355	2/19/98	59040	22900	36140	18.07
E8356	2/19/98	57520	23460	34060	17.03
E8357	2/19/98	58260	22360	35900	17.95
E8358	2/19/98	59020	22720	36300	18.15
E8359	2/19/98	53560	23720	29840	14.92
E8360	2/19/98	57380	21700	35680	17.84
E8361	2/19/98	59380	23140	36240	18.12
E8362	2/19/98	58680	22300	36380	18.19
E8363	2/19/98	59460	22520	36940	18.47
E8364	2/19/98	57020	23460	33560	16.78
E8365	2/19/98	58700	22900	35800	17.90
E8366	2/19/98	59320	22360	36960	18.48
E8367	2/19/98	57640	22720	34920	17.46
E8368	2/19/98	52860	23720	29140	14.57
E8369	2/19/98	59380	22300	37080	18.54
E8370	2/19/98	60020	23140	36880	18.44
E8371	2/19/98	57840	21700	36140	18.07
E8372	2/19/98	58700	23460	35240	17.62
E8373	2/19/98	59680	22900	36780	18.39
E8374	2/19/98	59740	23720	36020	18.01
E8375	2/19/98	59860	22720	37140	18.57
E8376	2/19/98	54900	23720	31180	15.59
E8377	2/19/98	58860	22300	36560	18.28
E8378	2/19/98	61140	21700	39440	19.72
E8379	2/19/98	56120	23460	32660	16.33
E8380	2/19/98	58260	23140	35120	17.56
E8381	2/19/98	60080	22900	37180	18.59
E8382	2/19/98	58560	22360	36200	18.10
E8383	2/19/98	59780	22520	37260	18.63
E8384	2/19/98	58580	22720	35860	17.93
E8385	2/19/98	57040	23460	33580	16.79
E8386	2/19/98	53540	23720	29820	14.91
E8387	2/19/98	57300	21700	35600	17.80
E8388	2/19/98	58000	22300	35700	17.85
E8389	2/19/98	59140	23140	36000	18.00
E8390	2/19/98	60580	22360	38220	19.11

E8391	2/19/98	59300	22900	36400	18.20
E8392	2/19/98	57520	22520	35000	17.50
E8393	2/19/98	52820	21500	31320	15.66
E8394	2/19/98	57580	22720	34860	17.43
E8395	2/19/98	56680	22220	34460	17.23
E8396	2/19/98	53500	20620	32880	16.44
E8397	2/19/98	56920	23460	33460	16.73
E8398	2/19/98	52120	23720	28400	14.20
E8399	2/19/98	59360	21700	37660	18.83
E8400	2/19/98	58660	22080	36580	18.29
E8401	2/19/98	56560	22600	33960	16.98
E8402	2/19/98	60300	22360	37940	18.97
E8403	2/19/98	64080	23140	40940	20.47
E8404	2/19/98	62640	22520	40120	20.06
E8405	2/19/98	59140	22900	36240	18.12
E8406	2/19/98	58180	22720	35460	17.73
E8407	2/19/98	53860	21500	32360	16.18
E8408	2/19/98	57160	22220	34940	17.47
E8409	2/19/98	55620	20620	35000	17.50
E8410	2/19/98	58540	23460	35080	17.54
E8411	2/19/98	53800	23720	30080	15.04
E8412	2/19/98	52900	21700	31200	15.60
E8413	2/20/98	55250	21880	33370	16.69
E8414	2/20/98	52780	21240	31540	15.77
E8415	2/20/98	56140	20880	35260	17.63
E8416	2/20/98	60600	23240	37360	18.68
E8417	2/20/98	59800	22740	37060	18.53
E8418	2/20/98	58480	22280	36200	18.10
E8419	2/20/98	61880	22360	39520	19.76
E8420	2/20/98	60240	22520	37720	18.86
E8421	2/20/98	56780	21100	35680	17.84
E8422	2/20/98	57960	21960	36000	18.00
E8423	2/20/98	53200	21240	31960	15.98
E8424	2/20/98	55160	20620	34540	17.27
E8425	2/20/98	59500	23100	36400	18.20
E8426	2/20/98	57180	22740	34440	17.22
E8427	2/20/98	53920	22280	31640	15.82
E8428	2/20/98	60080	22360	37720	18.86
E8429	2/20/98	60040	22520	37520	18.76
E8430	2/20/98	53080	21100	31980	15.99
E8431	2/20/98	48800	21500	27300	13.65
E8432	2/20/98	53320	20880	32440	16.22
E8433	2/20/98	58480	22440	36040	18.02
E8434	2/20/98	58700	21960	36740	18.37
E8435	2/20/98	58480	23140	35340	17.67
E8436	2/20/98	58160	22300	35860	17.93
E8437	2/20/98	56540	22280	34260	17.13
E8438	2/20/98	51560	21100	30460	15.23
E8439	2/20/98	52640	21500	31140	15.57
E8440	2/20/98	54040	22740	31300	15.65
E8441	2/20/98	55020	20880	34140	17.07
E8442	2/20/98	55920	21880	34040	17.02
E8443	2/20/98	59720	23240	36480	18.24
E8444	2/20/98	56540	22300	34240	17.12
E8445	2/20/98	55020	22280	32740	16.37

E8446	2/20/98	52560	21360	31200	15.60
E8447	2/20/98	54240	22740	31500	15.75
E8448	2/20/98	51940	20880	31060	15.53
E8449	2/20/98	56660	21880	34780	17.39
E8450	2/20/98	53380	21100	32280	16.14
E8451	2/20/98	59680	23100	36580	18.29
E8452	2/20/98	59840	22360	37480	18.74
E8453	2/20/98	56320	22440	33880	16.94
E8454	2/20/98	50680	21240	29440	14.72
E8455	2/20/98	57500	22440	35060	17.53
E8456	2/20/98	52820	20880	31940	15.97
E8457	2/20/98	51920	21100	30820	15.41
E8458	2/20/98	57160	21960	35200	17.60
E8459	2/20/98	59580	22360	37220	18.61
E8460	2/20/98	59200	23140	36060	18.03
E8461	2/20/98	57420	22440	34980	17.49
E8462	2/20/98	57040	22740	34300	17.15
E8463	2/20/98	51440	21240	30200	15.10
E8464	2/20/98	54980	21000	33980	16.99
E8465	2/23/98	54380	22900	31480	15.74
E8466	2/23/98	57460	22840	34620	17.31
E8467	2/23/98	58640	22420	36220	18.11
E8468	2/23/98	54920	22440	32480	16.24
E8469	2/23/98	58560	21820	36740	18.37
E8470	2/23/98	55340	22460	32880	16.44
E8471	2/23/98	61980	23760	38220	19.11
E8472	2/23/98	57940	23040	34900	17.45
E8473	2/23/98	57700	22900	34800	17.40
E8474	2/23/98	61620	22760	38860	19.43
E8475	2/23/98	55140	21120	34020	17.01
E8476	2/23/98	58320	25160	33160	16.58
E8477	2/23/98	56320	22420	33900	16.95
E8478	2/23/98	57680	22440	35240	17.62
E8479	2/23/98	56240	22460	33780	16.89
E8480	2/23/98	57300	23320	33980	16.99
E8481	2/23/98	51800	22900	28900	14.45
E8482	2/23/98	60600	22840	37760	18.88
E8483	2/23/98	56480	21120	35360	17.68
E8484	2/23/98	56100	23040	33060	16.53
E8485	2/23/98	63500	23760	39740	19.87
E8486	2/23/98	54780	22460	32320	16.16
E8487	2/23/98	62860	23320	39540	19.77
E8488	2/23/98	60620	22420	38200	19.10
E8489	2/23/98	54720	23440	31280	15.64
E8490	2/23/98	61400	22640	38760	19.38
E8491	2/23/98	62760	22900	39860	19.93
E8492	2/23/98	61200	23100	38100	19.05
E8493	2/23/98	61540	22840	38700	19.35
E8494	2/23/98	54060	22460	31600	15.80
E8495	2/23/98	57120	23040	34080	17.04
E8496	2/23/98	52060	21120	30940	15.47
E8497	2/23/98	57020	23760	33260	16.63
E8498	2/23/98	51500	23320	28180	14.09
E8499	2/23/98	58460	22420	36040	18.02
E8500	2/23/98	61120	22440	38680	19.34

E8501	2/23/98	61680	22640	39040	19.52
E8502	2/23/98	58420	22900	35520	17.76
E8503	2/23/98	55460	23100	32360	16.18
E8504	2/23/98	62740	22840	39900	19.95
E8505	2/23/98	54720	22460	32260	16.13
E8506	2/23/98	57380	21120	36260	18.13
E8507	2/23/98	57880	23040	34840	17.42
E8508	2/23/98	55580	23760	31820	15.91
E8509	2/23/98	60940	23320	37620	18.81
E8510	2/23/98	52040	22640	29400	14.70
E8511	2/23/98	54080	22900	31180	15.59
E8512	2/23/98	58460	22440	36020	18.01
E8513	2/23/98	57680	23100	34580	17.29
E8514	2/23/98	59240	22840	36400	18.20
E8515	2/23/98	53320	22460	30860	15.43
E8516	2/23/98	48560	21120	27440	13.72
E8517	2/23/98	52400	23040	29360	14.68
E8518	2/23/98	50540	23320	27220	13.61
E8519	2/23/98	61400	23760	37640	18.82
E8520	2/23/98	59100	22640	36460	18.23
E8521	2/23/98	58020	22900	35120	17.56
E8522	2/23/98	55420	22440	32980	16.49
E8523	2/24/98	58580	22820	35760	17.88
E8524	2/24/98	60540	22660	37880	18.94
E8525	2/24/98	60160	23100	37060	18.53
E8526	2/24/98	59700	22240	37460	18.73
E8527	2/24/98	59400	23060	36340	18.17
E8528	2/24/98	63780	22820	40960	20.48
E8529	2/24/98	59400	22660	36740	18.37
E8530	2/24/98	64340	23100	41240	20.62
E8531	2/24/98	59960	22400	37560	18.78
E8532	2/24/98	59960	22240	37720	18.86
E8533	2/24/98	61860	23060	38800	19.40
E8534	2/24/98	57760	22660	35100	17.55
E8535	2/24/98	60640	22820	37820	18.91
E8536	2/24/98	57520	23100	34420	17.21
E8537	2/24/98	56280	22240	34040	17.02
E8538	2/24/98	59650	23060	36590	18.30
E8539	2/24/98	54100	22400	31700	15.85
E8540	2/24/98	54220	22820	31400	15.70
E8541	2/24/98	50800	22020	28780	14.39
E8542	2/24/98	0	0	0	0.00
E8543	2/24/98	0	0	0	0.00
E8544	2/24/98	49100	22340	26760	13.38
E8545	2/24/98	54940	23240	31700	15.85
E8546	2/24/98	54840	2188	52652	26.33
E8547	2/24/98	54340	23060	31280	15.64
E8548	2/24/98	53720	22240	31480	15.74
E8549	2/24/98	56780	22400	34380	17.19
E8550	2/24/98	61920	23240	38680	19.34
E8551	2/24/98	56860	22020	34840	17.42
E8552	2/24/98	60800	22660	38140	19.07
E8553	2/24/98	55520	22240	33280	16.64
E8554	2/24/98	55040	23060	31980	15.99
E8555	2/24/98	53800	22340	31460	15.73

E8556	2/24/98	60600	22400	38200	19.10
E8557	2/24/98	55900	22660	33240	16.62
E8558	2/24/98	54960	22240	32720	16.36
E8559	2/24/98	55960	23060	32900	16.45
E8560	2/24/98	59040	23240	35800	17.90
E8561	2/24/98	54980	22020	32960	16.48
E8562	2/25/98	59660	22760	36900	18.45
E8563	2/25/98	61080	22060	39020	19.51
E8564	2/25/98	59100	22360	36740	18.37
E8565	2/25/98	59860	22240	37620	18.81
E8566	2/25/98	60740	23240	37500	18.75
E8567	2/25/98	62900	23640	39260	19.63
E8568	2/25/98	56300	22120	34180	17.09
E8569	2/25/98	61060	22060	39000	19.50
E8570	2/25/98	56440	22760	33680	16.84
E8571	2/25/98	59660	22360	37300	18.65
E8572	2/25/98	55280	22520	32760	16.38
E8573	2/25/98	58660	23240	35420	17.71
E8574	2/25/98	57360	22060	35300	17.65
E8575	2/25/98	51920	22760	29160	14.58
E8576	2/25/98	60040	22360	37680	18.84
E8577	2/25/98	56550	22520	34030	17.02
E8578	2/25/98	66280	23240	43040	21.52