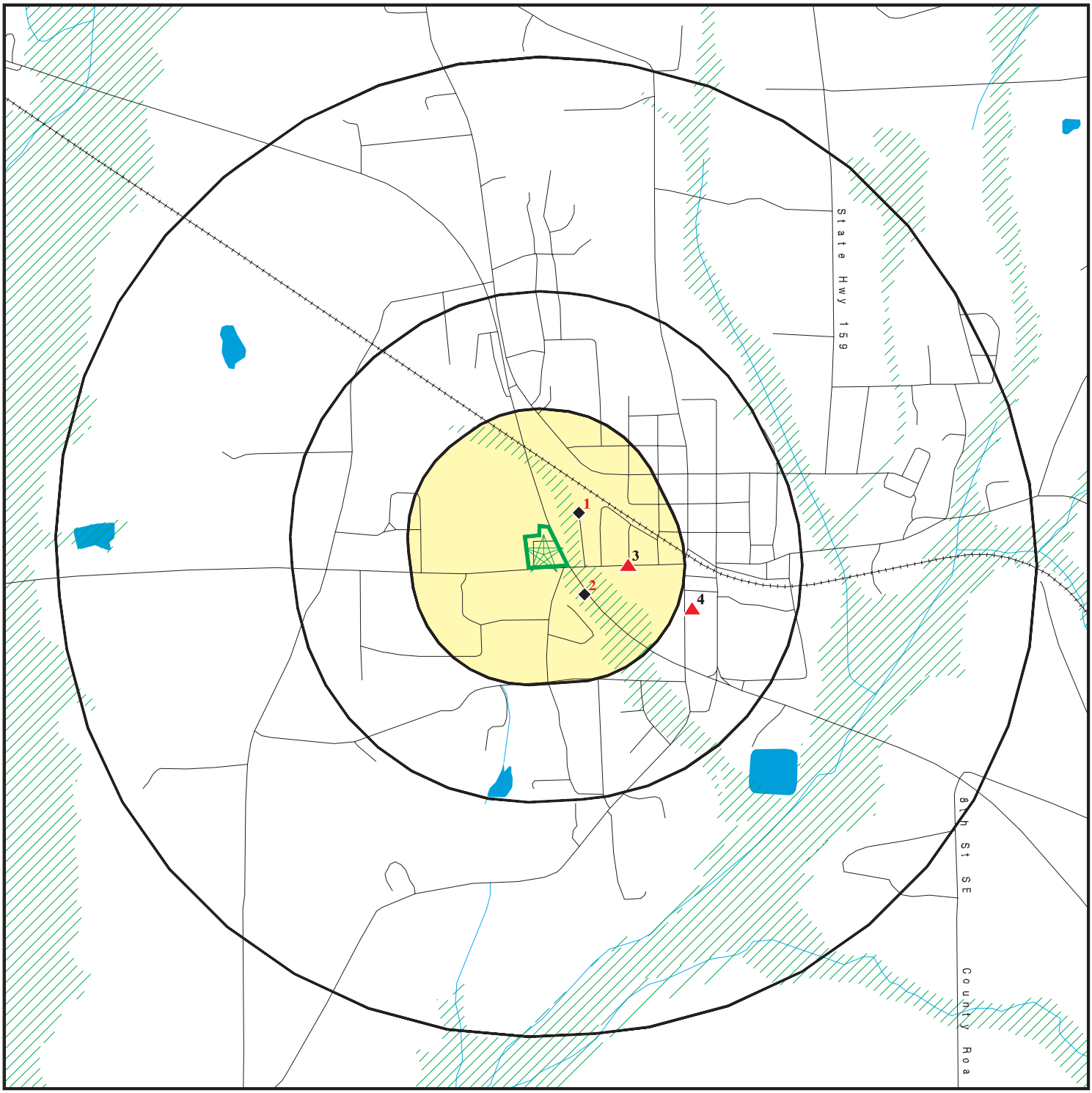
OVERVIEW MAP - 3497924.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

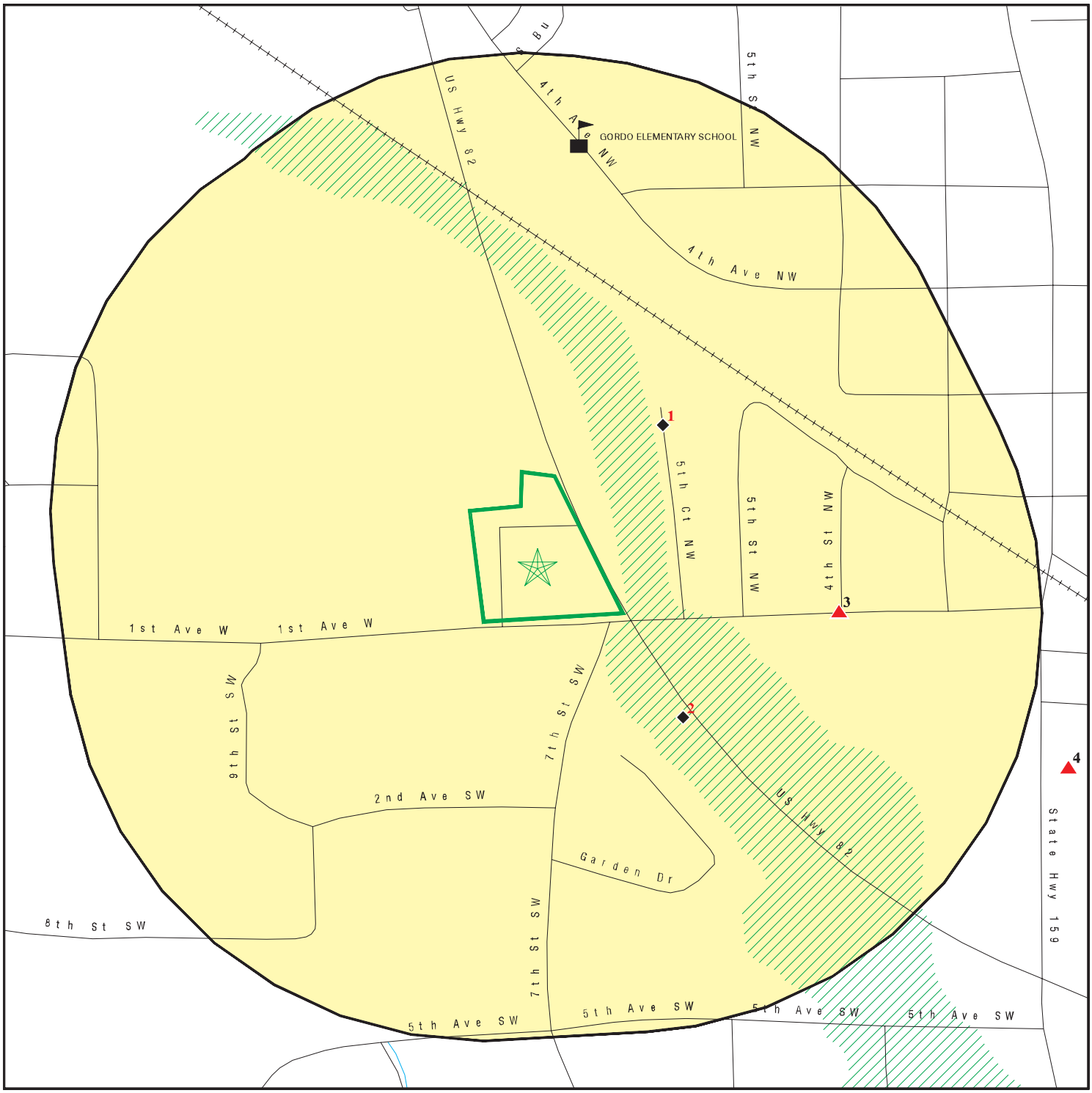
Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 25266 Highway 82 ADDRESS: 25266 Highway 82 Gordo AL 35466 LAT/LONG: 33.3203 / -87.9095	CLIENT: CH2M Hill, Inc. CONTACT: Mike Brose INQUIRY #: 3497924.2s DATE: February 05, 2013 7:24 pm

DETAIL MAP - 3497924.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 25266 Highway 82	CLIENT: CH2M Hill, Inc.
ADDRESS: 25266 Highway 82 Gordo AL 35466	CONTACT: Mike Brose INQUIRY #: 3497924.2s
LAT/LONG: 33.3203 / -87.9095	DATE: February 05, 2013 7:24 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	1	NR	NR	1
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		1	0	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
NE
< 1/8
0.071 mi.
377 ft.

PECO FARMS INC SHOP
264555 HIGHWAY 82
GORDO, AL 35466

AST **U003549251**
N/A

Relative:
Lower

Actual:
263 ft.

AST:

Facility ID:	13813 107 14288	Site ID:	14288
Tank Status:	Currently in Use	Account Number:	13813
Capacity:	2000		
Date Installed:	2000-08-09	Removal Date:	1901-01-01
Sold Date:	1901-01-01		
Tank Contents:	Diesel	Tank Usage:	Industrial

Number of Compartments:	1
Tank Number:	1
Last Usage Date A2A:	1901-01-01
One Year After Last Use Date:	1902-01-01
Last Quantity A2B:	Not reported
Contested Ownership X:	Not reported
Start Ownership Contested Date:	1901-01-01
Located Above Ground B1:	Not reported
Within Distance of Well 1:	Not reported
Located Underground Area B2:	Not reported
Bought Date C3:	1901-01-01
Notification Not Required F8:	Not reported
Operator Signed Date:	2001-07-16
Owner Signed Date:	Not reported
Owner Type 2:	P
Tank Add Date:	2001-07-23
Unique Tank Number:	5445
Fiscal Year Start Date:	1999-10-01
Really Removed Or Temp Delinq:	Not reported
Diesel XED:	1
Unleaded XED:	0
Midgrade XED:	0
Premium XED:	0
Kerosene XED:	0
AV Fuel XED:	0
Other:	0
Number of Substances XED 5:	1
Tank Type Code:	A

Facility ID:	13813 107 14288	Site ID:	14288
Tank Status:	Currently in Use	Account Number:	13813
Capacity:	10000		
Date Installed:	1985-02-01	Removal Date:	1901-01-01
Sold Date:	1901-01-01		
Tank Contents:	Diesel	Tank Usage:	Industrial

Number of Compartments:	1
Tank Number:	2
Last Usage Date A2A:	1901-01-01
One Year After Last Use Date:	1902-01-01
Last Quantity A2B:	Not reported
Contested Ownership X:	Not reported
Start Ownership Contested Date:	1901-01-01
Located Above Ground B1:	Not reported
Within Distance of Well 1:	Not reported
Located Underground Area B2:	Not reported
Bought Date C3:	1901-01-01

PECO FARMS INC SHOP (Continued) **U003549251**

Notification Not Required F8:	Not reported
Operator Signed Date:	2001-07-16
Owner Signed Date:	Not reported
Owner Type 2:	P
Tank Add Date:	2001-07-23
Unique Tank Number:	5446
Fiscal Year Start Date:	1999-10-01
Really Removed Or Temp Delinq:	Not reported
Diesel XED:	1
Unleaded XED:	0
Midgrade XED:	0
Premium XED:	0
Kerosene XED:	0
AV Fuel XED:	0
Other:	0
Number of Substances XED 5:	1
Tank Type Code:	A

---

2 **BRANCO** **UST** **U001859907**
SE **24517 HWY 82 W** **Financial Assurance** **N/A**
< 1/8 **GORDO, AL 35466**
0.072 mi.
378 ft.

Relative:
Lower

Actual:
256 ft.

UST:

Owner:

Account number:	14988
RSN:	14988
Owner Name:	TRICO OIL CO INC
Name Wit:	TRICO OIL CO INC
Owner address:	P O BOX 729
Address Wit:	P O BOX 729
Owner City:	REFORM
Owner State:	AL
Owner Zip:	35481
Owner Zip 2:	Not reported
Owner Phone:	2053756331
Owner Type 2:	P
GSA Id:	Not reported
Owner Contact Name:	JEFF CARVER
Owner Contact Phone:	8002391645
Paying Agency:	0
Transfer:	Not reported
Duplicate:	Not reported
Account Transferred or Dup:	0
Date Exempt Trans or Dup:	1/1/1901
Exempt:	Not reported
No Bill:	Not reported
No Bill Comment:	Not reported
Bad Address:	X
Bad Address Comment:	Not reported
Total Sites:	18
Total Sites Owning This FY:	6
Total Reg Tanks Owned:	19
Total Ins Tanks Owned:	4
Total Permanently Out Tanks:	28
Total Temp Closed Tanks:	15

BRANCO (Continued) **U001859907**

Number of TDQ Tanks:	0
Number of Retired Tanks:	0
Number of Contested Tanks:	0
Number of Tanks in Tank File:	53
In Use Tanks Owner:	4
In Use Tanks Not In Compl:	0
In Use Tanks In Compliance Own:	4
In Use Tanks Complying CPSO:	4
In Use Tanks Complying lt Own:	4
Num Sites with ge_1_atanks:	2
Num Site With All atanks in Compl:	2
Num Site with ge_1_atank in Compl:	2
Num Sites with ge1 atank not Comp:	0
Num Site with ge1 atank comp cpso:	2
Num site w/ ge1 atank comp lt:	2
Num site w/ all atank comp cpso:	2
Num site w/ all atank comp lt:	2
Total Reg Due:	570
Total Ins Due:	0
Total Due:	570
Reg tanks this fy:	19
Ins tanks this fy:	11
Reg owed this fy:	570
Ins owed this fy:	0
Total owed this fy:	570
T code:	T
Owner add dte:	9/30/1988
Default date:	1901-01-01
Owner packed for tracking:	14988
O_phone packed for tracking:	2053756331
Owner city for tracking:	REFORM
Tanks not paid current:	105
Outstanding enf:	$
Number of above ground tanks:	3
Owner has tdq:	Not reported
Owner has contested tanks:	Not reported
F billed owner:	43550
F reg paid owner:	24650
F ins paid owner:	15750
F due owner:	3150
Amount attached to pay owner:	3150
Amount on check log current:	40785.769999999997
Amount applied from check logc:	40785.769999999997
Amount on prev check log:	710
Number of checks in prev log:	5
Fiscal this year:	510
Fy inv amt:	3150
Tanks not paid with number:	105
Dif tech to fisc:	60
Dif from ow2toowc:	0
Dif ow2 to owfisc check:	60
FaxNum:	Not reported

Facility ID: 14988 107 13339	
Tank Number:	1
Capacity:	8000
Site ID:	13339

BRANCO (Continued) **U001859907**

Install Date:	1986-01-01
Compartments:	1
Sold Date:	1901-01-01
Removal Date:	1901-01-01
Tank Contents:	Unleaded Gasoline
Tank Usage:	Retail
Tank Construction Material:	Steel
Tank Corrosion Protection:	Cathodic Protection
External Pipe Protection Installed Date:	1901-01-01
Piping Material of Construction:	Fiberglass/Plastic
Other Pipe:	Not reported
Last Usage Date:	1901-01-01
Last Quantity:	0
Retired 080888:	1988-08-08
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1901-01-01
Bought Date:	1901-01-01
Inert:	Not reported
Inert Date:	1901-01-01
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1901-01-01
Date Int Protection Install:	Not reported
Three Year Cp Review:	X
Three Year Cp Test Date:	2002-01-11
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	X
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Yes
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Yes
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	X
Tightness Test:	Yes
Tightness Test Date 13:	1997-12-17
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported

BRANCO (Continued) **U001859907**

Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Yes
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1997-12-17
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Yes
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1901-01-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	1986-04-30
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	2002-03-04
Reg Bill Indicator:	Y
Ins Bill Indicator:	Y
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1902-01-01
Tank Add Date:	1988-09-30
User Who Added Tank:	JULIE
Unique Tank Number:	4212
Fiscal Year Start Date:	2012-10-01

BRANCO (Continued) **U001859907**

Really Removed Or Temp Delinq:	Not reported
Owes This Fy:	X
Tank Contains Unleaded Gas:	Yes
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	1988-12-25
Date Retired:	1988-08-08
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Yes
Tank Type Code:	U
Corrosion Protection Method:	Yes
Spill Overfill Protection Met:	Yes
Tank Release Detection Method:	Yes
Piping Release Detection Method:	Yes
XXXX1998:	XXXX
Bare Steel:	Not reported
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1901-01-01
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	14988
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported

BRANCO (Continued) **U001859907**

Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1901-01-01
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1901-01-01
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01
Sump Rev:	Not reported

Facility ID:	14988 107 13339
Tank Number:	2
Capacity:	8000
Site ID:	13339
Install Date:	1986-01-01
Compartments:	1
Sold Date:	1901-01-01
Removal Date:	1901-01-01
Tank Contents:	Premium Gasoline
Tank Usage:	Retail
Tank Construction Material:	Steel
Tank Corrosion Protection:	Cathodic Protection
External Pipe Protection Installed Date:	1901-01-01
Piping Material of Construction:	Fiberglass/Plastic
Other Pipe:	Not reported
Last Usage Date:	1901-01-01
Last Quantity:	0
Retired 080888:	1988-08-08
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1901-01-01
Bought Date:	1901-01-01
Inert:	Not reported
Inert Date:	1901-01-01
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1901-01-01
Date Int Protection Install:	Not reported
Three Year Cp Review:	X
Three Year Cp Test Date:	2002-01-11
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	X
Date Ext Pipe Prot Install:	Not reported

BRANCO (Continued) **U001859907**

Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Yes
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Yes
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	X
Tightness Test:	Yes
Tightness Test Date 13:	1997-12-17
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Yes
Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1997-12-17
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Yes
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported

BRANCO (Continued) **U001859907**

Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1901-01-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	1986-04-30
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	2002-03-04
Reg Bill Indicator:	Y
Ins Bill Indicator:	N
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1902-01-01
Tank Add Date:	1988-09-30
User Who Added Tank:	JULIE
Unique Tank Number:	4213
Fiscal Year Start Date:	2012-10-01
Really Removed Or Temp Delinq:	Not reported
Owes This Fy:	X
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	Yes
Tank Contains Diesel:	No
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No
Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	1988-12-25
Date Retired:	1988-08-08
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Yes
Tank Type Code:	U
Corrosion Protection Method:	Yes
Spill Overfill Protection Met:	Yes
Tank Release Detection Method:	Yes
Piping Release Detection Method:	Yes
XXXX1998:	XXXX
Bare Steel:	Not reported
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1901-01-01
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported

BRANCO (Continued) **U001859907**

Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	14988
Year of Last Sir Report:	Not reported

Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1901-01-01
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1901-01-01
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01
Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01
Sump Rev:	Not reported

Facility ID:	14988 107 13339
Tank Number:	3
Capacity:	8000
Site ID:	13339
Install Date:	1986-01-01
Compartments:	1
Sold Date:	1901-01-01
Removal Date:	1901-01-01
Tank Contents:	Diesel
Tank Usage:	Retail
Tank Construction Material:	Steel
Tank Corrosion Protection:	Cathodic Protection
External Pipe Protection Installed Date:	1901-01-01
Piping Material of Construction:	Fiberglass/Plastic
Other Pipe:	Not reported

BRANCO (Continued) **U001859907**

Last Usage Date:	1901-01-01
Last Quantity:	0
Retired 080888:	1988-08-08
Within Distance Of Well:	Not reported
Contested Ownership:	Not reported
Start Ownership Contested Date:	1901-01-01
Bought Date:	1901-01-01
Inert:	Not reported
Inert Date:	1901-01-01
Cercla Substance Name:	Not reported
Cas Number:	Not reported
Other Implies Compliance:	Not reported
Date Cathodic Protection:	Not reported
Other External Protection:	Not reported
Date Int Protection Installed:	1901-01-01
Date Int Protection Install:	Not reported
Three Year Cp Review:	X
Three Year Cp Test Date:	2002-01-11
Interior Inspection Review:	Not reported
Interior Lining Inspect Date:	Not reported
Other Pipe Meets Compliance:	Not reported
No Ext Prot Pipe:	Not reported
Date Ext Pipe Prot Install:	Not reported
Field Installed Cathodic:	Not reported
Three Year Cp Review:	Not reported
Three Year Cp Test Date:	Not reported
Other External Prot Pipe:	Not reported
Catchment Basin:	Yes
Other_ Implies Compliance:	Not reported
Flow Restrictor:	Not reported
Auto Shutoff:	Yes
Alarm:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Atg:	Not reported
Continuous Atg:	X
Tightness Test:	Yes
Tightness Test Date 13:	1997-12-17
Tightness Test Manual Tank Gauging:	Not reported
Secondary Containment:	Not reported
Monthly Log Date:	Not reported
Secondary Barrier:	Not reported
Vapor:	Not reported
Vapor Approval Date:	Not reported
Groundwater:	Not reported
Groundwater Approval Date:	Not reported
Statistical Inv Reconciled:	Not reported
Date Annual Rpt Submitted:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Auto Line Leak Detector:	Not reported
Annual Test Date:	Not reported
Automatic Shutoff Device:	Not reported
Continous Alarm System:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Annual Line Test:	Yes

BRANCO (Continued) **U001859907**

Auto Ele Line Leak Detect:	Not reported
Line Tight Test Date:	1997-12-17
Vapor Monitoring:	Not reported
Vapor Approval Date:	Not reported
Groundwater Monitoring:	Not reported
Groundwater Approval Date:	Not reported
Sir 15:	Not reported
Interstitial W 2 Cont:	Not reported
Monthly Log Date:	Not reported
Interstitial W 2 Barr:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Line Tightness Testing 3 Yrso1:	Not reported
Line Tight 3 Years Test Date:	Not reported
Interstitial W 2 Cont:	Not reported
Interstitial W 2 Barr:	Not reported
Vapor Monitoring:	Not reported
Groundwater Monitoring:	Not reported
Check Valve:	Yes
Sir 15:	Not reported
Other:	Not reported
Other Implies Compliance:	Not reported
Gravity P:	Not reported
Manufacturer:	Not reported
List And Form 15:	Not reported
Pe Form 15 Ps:	Not reported
Other Install Text:	Not reported
Oath Date S Oath:	1901-01-01
Installer S Oath:	Not reported
Position Title S Oath:	Not reported
Company S Oath:	Not reported
Date Signed:	1986-04-30
Company Address S Oath:	Not reported
Company Phone S Oath:	Not reported
Owner Signed Date S Oath:	2002-03-04
Reg Bill Indicator:	Y
Ins Bill Indicator:	Y
Owner Type 2:	P
Default Date:	1901-01-01
Unknown Date:	1911-11-11
Regulation Date:	1988-12-22
One Year After Last Use Date:	1902-01-01
Tank Add Date:	1988-09-30
User Who Added Tank:	JULIE
Unique Tank Number:	4214
Fiscal Year Start Date:	2012-10-01
Really Removed Or Temp Delinq:	Not reported
Owes This Fy:	X
Tank Contains Unleaded Gas:	No
Tank Contains Midgrade Gas:	No
Tank Contains Premium Gas:	No
Tank Contains Diesel:	Yes
Tank Contains Kerosene:	No
Tank Contains Aviation Fuel:	No
Tank Contains Oil:	No
Tank Contains Virgin Oil:	No
Other Contents:	No

BRANCO (Continued) **U001859907**

Tank Contains Hazardous Substance:	0
Number Of Substances:	1
Date Temp Closed:	1988-12-25
Date Retired:	1988-08-08
Date Tank Upgraded Wf Ins:	Not reported
Date Upgraded Wint Lining:	Not reported
Date Pip Upgraded W F Ins:	Not reported
Suction New One Valve Beneath:	Not reported
Suction New Twop Not Beneth:	Yes
Tank Type Code:	U
Corrosion Protection Method:	Yes
Spill Overfill Protection Met:	Yes
Tank Release Detection Method:	Yes
Piping Release Detection Method:	Yes
XXXX1998:	XXXX
Bare Steel:	Not reported
Gal Steel:	Yes
Coating Field Cathod Pipe:	Not reported
Date Ext Pipe Prot Installd:	1901-01-01
Field Installed Cathodic Prot:	Not reported
Pressurized:	Not reported
Tightness Testing:	Not reported
Vapor:	Not reported
Record Number For Ficathodic X:	Not reported
Sir Report Reveiwed:	Not reported
List Tank:	Not reported
PE:	Not reported
Plans:	Not reported
Tank Has Comments:	0
Field Inst Cathodic Upgrade:	Not reported
Cannot Locate:	Not reported
TT Test Reviewed:	Not reported
AL Test Reviewed:	Not reported
LT Test Reviewed:	Not reported
Seven Day Inv Report:	Not reported
Seven Day Inv Report Date:	Not reported
Residence Adjacent To Tank:	Not reported
Residence Within 300ft:	Not reported
Flex Manufacturer:	Not reported
Account No:	14988
Year of Last Sir Report:	Not reported
Tank Contains Gasohol (85% Ethanol):	Not reported
Tank Contains Biodiesel:	Not reported
Amt Fuel In Tank When Placed In Temp Closure:	0
Single Walled Tank:	Not reported
Double Walled Tank:	Not reported
Steel Tank Coated W/ Fiberglass:	Not reported
Single Walled Piping:	Not reported
Double Walled Piping:	Not reported
Date Piping Installed:	1901-01-01
Protect Piping From Corrosion:	Not reported
Piping Is Not In Contact W/ Soil:	Not reported
Date Of Spill Basin Test:	1901-01-01
Spill Basin Test Reviewed:	Not reported
The Way Interstitial Monitoring Is Done For Tanks:	Not reported
Submersible Pump Sump:	Not reported
Submersible Pump Sump Inspection Date:	1901-01-01

BRANCO (Continued) **U001859907**

Sump Insp:	Not reported
A Leak Detection Device:	Not reported
The Way Interstitial Monitoring Is Done For Piping:	Not reported
Pump Sump For Suction Piping:	Not reported
Date Of Inspection Of Pump Sump For Suction Piping:	1901-01-01
Sump Rev:	Not reported

AL Financial Assurance:

Account Number:	14988
Site ID Number:	13339
Facility Contact:	BEN FAIR
Facility Contact Phone:	2053756331
Tank Number:	1
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	14988
Site ID Number:	13339
Facility Contact:	BEN FAIR
Facility Contact Phone:	2053756331
Tank Number:	2
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

Account Number:	14988
Site ID Number:	13339
Facility Contact:	BEN FAIR
Facility Contact Phone:	2053756331
Tank Number:	3
Compliance AUST 18 R1:	Not reported
Net Worth 25000 18 R1A:	Not reported
Surety 18 R1B:	Not reported
Private Insurance 18 R2A:	Not reported
Insurer 18 R2A:	Not reported
Policy Number 18 R2A:	Not reported
Guarantee 18 2RB:	Not reported
Self Insured 18 R2C:	Not reported

3
East
1/8-1/4
0.129 mi.
681 ft.

BETA RAVEN, INC.
401 1ST AVE WEST
GORDO, AL 35466

RCRA NonGen / NLR
FINDS

1000492894
ALD983179797

Relative:
Higher

Actual:
279 ft.

RCRA NonGen / NLR:

Date form received by agency:	07/31/2002
Facility name:	BETA RAVEN, INC.
Facility address:	401 1ST AVE WEST GORDO, AL 35466
EPA ID:	ALD983179797
Mailing address:	P O BOX 308 GORDO, AL 35466
Contact:	DONALD ROOT
Contact address:	P O BOX 308 GORDO, AL 35466
Contact country:	US
Contact telephone:	(314) 291-4504
Contact email:	Not reported
EPA Region:	04
Land type:	Municipal
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	TOWN OF GORDO
Owner/operator address:	P O BOX 348 GORDO, AL 35466
Owner/operator country:	Not reported
Owner/operator telephone:	(205) 364-7111
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	06/14/2001
Facility name:	BETA RAVEN, INC.
Classification:	Conditionally Exempt Small Quantity Generator

BETA RAVEN, INC. (Continued) **1000492894**

Date form received by agency: 11/20/1998
Facility name: BETA RAVEN, INC.
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 11/06/1991
Facility name: BETA RAVEN, INC.
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 11/20/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110003377328

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

BETA RAVEN, INC. (Continued) **1000492894**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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4 **PECO FARMS INC MAINTENANCE SHOP** **LUST** **S106118297**
ESE **HWY 82** **N/A**
1/4-1/2 **GORDO, AL**
0.281 mi.
1484 ft.

Relative:
Higher

Actual:
279 ft.

LUST:

Facility ID:	14288
Account Number:	16398
Owner Name:	PECO FARMS INC
Owner Address:	2ND AVE PO BOX E
Owner City,St,Zip:	GORDO, AL 35466
Incident Month/Yr:	1/92
Incident Number:	21
Searchable Incident Number:	UST920121
Cleanup Complete:	X

Facility ID:	14288
Account Number:	16398
Owner Name:	PECO FARMS INC
Owner Address:	P O BOX E
Owner City,St,Zip:	GORDO, AL 35466
Incident Month/Yr:	7/98
Incident Number:	10
Searchable Incident Number:	UST980710
Cleanup Complete:	X

Count: 0 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 70

Source: EPA
Telephone: N/A
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 70

Source: EPA
Telephone: N/A
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 70

Source: EPA
Telephone: N/A
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/02/2012
Date Data Arrived at EDR: 11/28/2012
Date Made Active in Reports: 01/07/2013
Number of Days to Update: 40

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 10/09/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/11/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 11/02/2012
Date Data Arrived at EDR: 11/28/2012
Date Made Active in Reports: 01/07/2013
Number of Days to Update: 40

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/18/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/18/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/15/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/17/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Hazardous Substance Cleanup Fund

Hazardous substance sites, which pose a threat to public health and the environment, which will be cleaned up utilizing the Hazardous Substance Cleanup Fund.

Date of Government Version: 12/17/2012
Date Data Arrived at EDR: 01/10/2013
Date Made Active in Reports: 01/22/2013
Number of Days to Update: 12

Source: Department of Environmental Management
Telephone: 334-271-7984
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Permitted Landfills

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/29/2011
Date Data Arrived at EDR: 10/25/2011
Date Made Active in Reports: 11/09/2011
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 334-271-7730
Source: Department of Environmental Management, GIS Section
Telephone: 334-271-7700
Last EDR Contact: 01/17/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Listing

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 12/04/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 01/22/2013
Number of Days to Update: 19

Source: Department of Environmental Management
Telephone: 334-270-5655
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

LAST: List of AST Release Incidents

A listing of aboveground storage tank releases that have been reported to ADEM. These are primarily smaller retail ASTs and smaller bulk plant ASTs.

Date of Government Version: 01/09/2013
Date Data Arrived at EDR: 01/10/2013
Date Made Active in Reports: 01/22/2013
Number of Days to Update: 12

Source: Department of Environmental Management
Telephone: 334-271-7712
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/30/2012
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/01/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

State and tribal registered storage tank lists

UST: Underground Storage Tank Information
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 12/03/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 01/21/2013
Number of Days to Update: 18
Source: Department of Environmental Management
Telephone: 334-270-5655
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Sites
Aboveground storage tank locations.

Date of Government Version: 12/03/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 01/21/2013
Number of Days to Update: 18
Source: Department of Environmental Management
Telephone: 334-271-7926
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/01/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/14/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site Listing

A listing of sites with engineering controls included in the Land Division Cleanup Program Inventory listing.

Date of Government Version: 08/24/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 12/12/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Varies

AUL: Environmental Covenants

An environmental covenant is required for a site if the approved environmental response project plan places a land use control on the site because it is not being remediated to unrestricted use.

Date of Government Version: 08/06/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 10/19/2012
Number of Days to Update: 16

Source: Department of Environmental Management
Telephone: 334-279-3053
Last EDR Contact: 12/12/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Varies

INST CONTROL: Land Division Brownfields 128(a) Program Site Listing

Institutional Controls (ICs) are non-engineered instruments, such as administrative and/or legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of a remedy by limiting land or resource use. There are five different types of controls. These are governmental, proprietary, enforcement tools with IC components, informational devices and unrestricted. Unrestricted- No institutional controls (unrestricted for industrial and residential use). Governmental- controls implemented and enforced by state and local governments. (zoning restrictions, ordinances, building permits, etc.). Proprietary- controls which have their basis in real property law (easements, covenants). Enforcement and Permit Tools with IC components- these controls are issued to compel land owners to limit certain site activities on both federal and private sites. Informational devices- informational tools with provide information or notification that residual or capped contamination may remain on site (deed or hazard notices).

Date of Government Version: 08/24/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 06/17/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/04/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

VCP: Cleanup Program Inventory

Currently the Cleanup Inventory List contains information about sites undergoing assessment and possible cleanup under Alabama's Brownfield Redevelopment and Voluntary Cleanup Program. It also includes sites that have exited the program but were remediated to less than unrestricted levels.

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/25/2012
Date Made Active in Reports: 11/27/2012
Number of Days to Update: 33

Source: Department of Environmental Management
Telephone: 334-271-7700
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Land Division Brownfields 128(a) Program Site Listing

A listing of Brownfields activities performed by ADEM.

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/25/2012
Date Made Active in Reports: 11/27/2012
Number of Days to Update: 33

Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Varies

BROWNFIELDS 2: Directory of Brownfields Sites
The directory provides a brief look at sites being marketed as brownfields.

Date of Government Version: 04/01/2011
Date Data Arrived at EDR: 06/16/2011
Date Made Active in Reports: 07/26/2011
Number of Days to Update: 40
Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 12/21/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 9
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Recycling/Recovered Materials Processors Directory
A listing of recycling facilities.

Date of Government Version: 09/01/2009
Date Data Arrived at EDR: 01/22/2010
Date Made Active in Reports: 02/05/2010
Number of Days to Update: 14
Source: Department of Economic & Community Affairs
Telephone: 334-242-5336
Last EDR Contact: 01/14/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/05/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/11/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 54
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Quarterly

AOCONCERN: Area of Concern
Property boundary of the Redstone Arsenal facility.

Date of Government Version: 09/01/2008
Date Data Arrived at EDR: 09/24/2008
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 394
Source: Department of the Army
Telephone: 256-313-3255
Last EDR Contact: 02/04/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: No Update Planned

CDL: Clandestine Methamphetamine Lab Sites
Clandestine methamphetamine lab locations seized by law enforcement agencies.

Date of Government Version: 12/09/2010
Date Data Arrived at EDR: 02/08/2011
Date Made Active in Reports: 02/28/2011
Number of Days to Update: 20
Source: Department of Environmental Management.
Telephone: 334-271-7700
Last EDR Contact: 02/04/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

SPILLS: Emergency Response Data

Incidents involving spills of oil and hazardous materials.

Date of Government Version: 01/09/2013
Date Data Arrived at EDR: 01/10/2013
Date Made Active in Reports: 01/22/2013
Number of Days to Update: 12

Source: Department of Environmental Management
Telephone: 334-394-4382
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/05/2013
Next Scheduled EDR Contact: 05/20/2013
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/17/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/19/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 62

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 02/27/2012
Date Data Arrived at EDR: 03/14/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 92

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/28/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/28/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61
Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/17/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/16/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 34
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/09/2013
Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/28/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/30/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Biennially

NPDES: NPDES Permit Listing

A listing of municipal and industrial permits issued by the Department of Environmental Management.

Date of Government Version: 04/05/2012
Date Data Arrived at EDR: 04/06/2012
Date Made Active in Reports: 04/25/2012
Number of Days to Update: 19

Source: Department of Environmental Management
Telephone: 334-271-7712
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

UIC: UIC Listing
A listing of underground injection control wells.

Date of Government Version: 10/11/2012
Date Data Arrived at EDR: 11/13/2012
Date Made Active in Reports: 11/27/2012
Number of Days to Update: 14

Source: Geological Survey of Alabama
Telephone: 205-247-3661
Last EDR Contact: 11/13/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

DRYCLEANERS: Drycleaner Facility Listing
A listing of drycleaner sites in the voluntary DERTF.

Date of Government Version: 11/20/2012
Date Data Arrived at EDR: 11/26/2012
Date Made Active in Reports: 01/03/2013
Number of Days to Update: 38

Source: Department of Environmental Management
Telephone: 334-271-7703
Last EDR Contact: 11/15/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Varies

TIER 2: Tier 2 Data Listing
A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/19/2012
Date Made Active in Reports: 08/03/2012
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 334-260-2714
Last EDR Contact: 12/12/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/17/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 01/21/2013
Next Scheduled EDR Contact: 05/06/2013
Data Release Frequency: Varies

Financial Assurance: Financial Assurance Information Listing
Financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/03/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 01/21/2013
Number of Days to Update: 18

Source: Department of Environmental Management
Telephone: 334-271-7759
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/15/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites
A listing of coal ash disposal site locations.

Date of Government Version: 02/02/2009
Date Data Arrived at EDR: 06/25/2009
Date Made Active in Reports: 07/17/2009
Number of Days to Update: 22
Source: Department of Environmental Management
Telephone: 334-271-7718
Last EDR Contact: 01/14/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/01/2013
Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 69
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST
EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36
Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/27/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/27/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/17/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: N/A

2020 COR ACTION: 2020 Corrective Action Program List
The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Varies

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 32

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/19/2012
Date Data Arrived at EDR: 11/19/2012
Date Made Active in Reports: 01/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/19/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/15/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 11/01/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 12/11/2012
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/21/2013
Next Scheduled EDR Contact: 05/06/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/13/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Centers
Source: Department of Human Resources
Telephone: 334-242-1425

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

25266 HIGHWAY 82
25266 HIGHWAY 82
GORDO, AL 35466

TARGET PROPERTY COORDINATES

Latitude (North):	33.3203 - 33° 19' 13.08''
Longitude (West):	87.9095 - 87° 54' 34.20''
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	415343.3
UTM Y (Meters):	3686973.2
Elevation:	272 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	33087-C8 GORDO, AL
Most Recent Revision:	1983

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

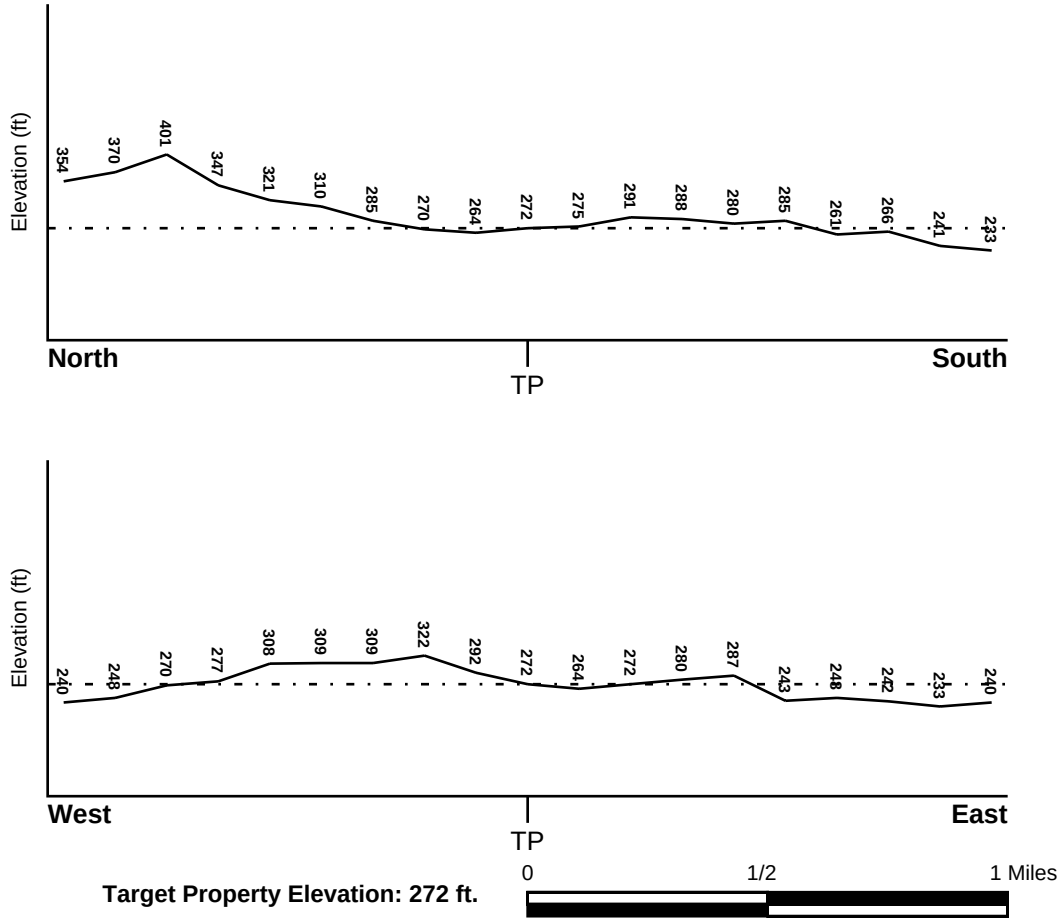
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
PICKENS, AL	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 01107C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
GORDO	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

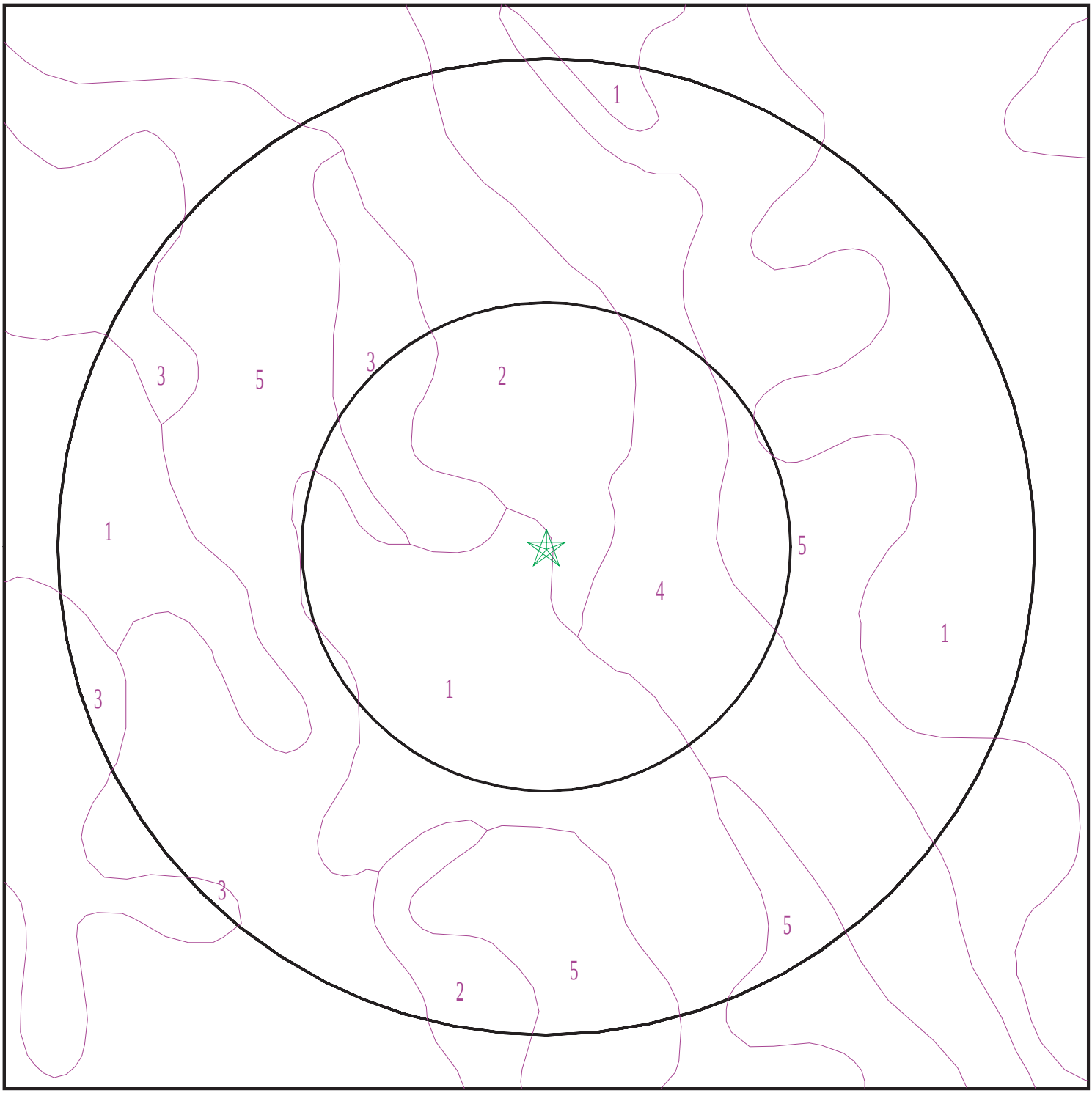
Era:	Mesozoic
System:	Cretaceous
Series:	Woodbine and Tuscaloosa Groups
Code:	uK1 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 3497924.2s



SITE NAME:	25266 Highway 82	CLIENT:	CH2M Hill, Inc.
ADDRESS:	25266 Highway 82 Gordo AL 35466	CONTACT:	Mike Brose
LAT/LONG:	33.3203 / -87.9095	INQUIRY #:	3497924.2s
		DATE:	February 05, 2013 7:25 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Savannah

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 3.6
2	11 inches	25 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 3.6
3	25 inches	64 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 5.5 Min: 3.6

Soil Map ID: 2

Soil Component Name: Luverne

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 5.5 Min: 3.6
2	9 inches	42 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 5.5 Min: 3.6
3	42 inches	59 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 5.5 Min: 3.6

Soil Map ID: 3

Soil Component Name: Bama

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
2	5 inches	29 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
3	29 inches	64 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 4	Max: 5.5 Min: 4.5

Soil Map ID: 4

Soil Component Name: Kinston

Soil Surface Texture: clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0 Min: 0	Max: Min:
2	7 inches	55 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0 Min: 0	Max: Min:
3	55 inches	64 inches	variable	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0 Min: 0	Max: Min:

Soil Map ID: 5

Soil Component Name: Smithdale

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 5.5 Min: 4.5
2	7 inches	57 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 5.5 Min: 4.5
3	57 inches	64 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 5.5 Min: 4.5

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS2347446	1/4 - 1/2 Mile East
2	USGS2347455	1/4 - 1/2 Mile NE
A3	USGS2347450	1/2 - 1 Mile ENE
A4	USGS2347448	1/2 - 1 Mile East
B7	USGS2347441	1/2 - 1 Mile East

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
8	USGS2347447	1/2 - 1 Mile East
C10	USGS2347439	1/2 - 1 Mile East
D12	USGS2347436	1/2 - 1 Mile ESE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D11	AL0001105	1/2 - 1 Mile ESE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

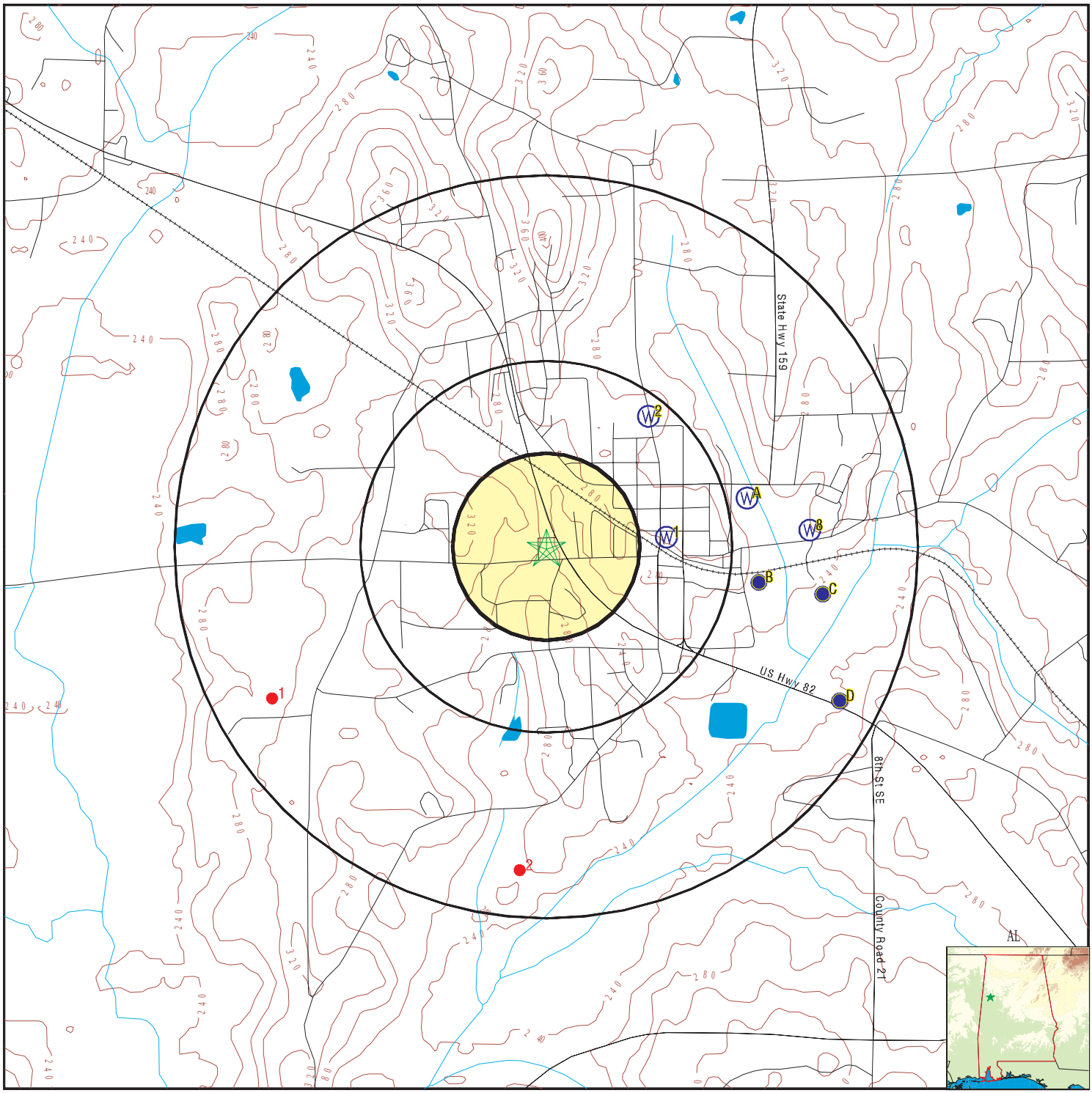
MAP ID	WELL ID	LOCATION FROM TP
B5	AL00000407	1/2 - 1 Mile East
B6	AL00000404	1/2 - 1 Mile East
C9	AL00000405	1/2 - 1 Mile East

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	ALOG50000008913	1/2 - 1 Mile WSW
2	ALOG50000008802	1/2 - 1 Mile South

PHYSICAL SETTING SOURCE MAP - 3497924.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- Oil, gas or related wells

SITE NAME:	25266 Highway 82	CLIENT:	CH2M Hill, Inc.
ADDRESS:	25266 Highway 82 Gordo AL 35466	CONTACT:	Mike Brose
		INQUIRY #:	3497924.2s
LAT/LONG:	33.3203 / -87.9095	DATE:	February 05, 2013 7:25 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
East
1/4 - 1/2 Mile
Higher

FED USGS **USGS2347446**

Agency cd:	USGS	Site no:	331914087541401
Site name:	K 5-USGS 331914087541401		
Latitude:	331914	EDR Site id:	USGS2347446
Longitude:	875414	Dec lat:	33.32067338
Dec lon:	-87.90390737	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	01
State:	01	County:	107
Country:	US	Land net:	SESWSWS 9 T 20S R 13W
Location map:	GORDO	Map scale:	24000
Altitude:	280.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Middle TombigbeeLubbub. Alabama, Mississippi. Area = 1650 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19240101
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	460	Hole depth:	460
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1945-09-26	Ground water data end date:	1985-05-07
Ground water data count:	7		

Ground-water levels, Number of Measurements: 7

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-05-07	79.95		1984-11-09	79.78	
1984-11-08	79.78		1983-11-18	66.10	
1982-10-27	77.99		1950-11-02	35.00	
1945-09-26	55.00				

2
NE
1/4 - 1/2 Mile
Higher

FED USGS **USGS2347455**

Agency cd:	USGS	Site no:	331931087541701
Site name:	K-11 CITY OF GORDO		
Latitude:	331931	EDR Site id:	USGS2347455
Longitude:	0875417	Dec lat:	33.32539553
Dec lon:	-87.90474074	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	01
State:	01	County:	107
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	239.00		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Middle TombigbeeLubbub. Alabama, Mississippi. Area = 1650 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Confined single aquifer		
Aquifer:	COKER FORMATION		
Well depth:	143	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1963-03-08
Water quality data end date:	1963-03-08	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

A3
ENE
1/2 - 1 Mile
Lower

FED USGS **USGS2347450**

Agency cd:	USGS	Site no:	331921087540101
Site name:	(K 12) TOWN OF GORDO-USGS 331921087540101		
Latitude:	331921	EDR Site id:	USGS2347450
Longitude:	0875401	Dec lat:	33.32261776
Dec lon:	-87.90029612	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	01
State:	01	County:	107
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	242.00		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	COKER FORMATION		
Well depth:	160	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

A4
East
1/2 - 1 Mile
Lower

FED USGS **USGS2347448**

Agency cd:	USGS	Site no:	331918087540001
Site name:	(K 13) CITY OF GORDO WELL #1		
Latitude:	331918	EDR Site id:	USGS2347448
Longitude:	0875400	Dec lat:	33.32178444
Dec lon:	-87.90001833	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	01
State:	01	County:	107
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	242.00		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	COKER FORMATION		
Well depth:	166	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B5
East
1/2 - 1 Mile
Lower

AL WELLS **AL00000407**

Well ID:	1105
SE ID:	4
System Name:	GORDO WTR GAS & SEWER BOARD
Source:	WELL 4
GPS Update:	7/14/1997

B6
East
1/2 - 1 Mile
Lower

AL WELLS **AL00000404**

Well ID:	1105
SE ID:	1
System Name:	GORDO WTR GAS & SEWER BOARD
Source:	WELL 1
GPS Update:	4/13/1995

B7
East
1/2 - 1 Mile
Lower

FED USGS **USGS2347441**

Agency cd:	USGS	Site no:	331908087535801
Site name:	K-33 GORDO CITY WELL		
Latitude:	331908	EDR Site id:	USGS2347441
Longitude:	0875358	Dec lat:	33.31900671
Dec lon:	-87.89946275	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	01
State:	01	County:	107
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	260.00		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Middle TombigbeeLubbub. Alabama, Mississippi. Area = 1650 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Confined single aquifer		
Aquifer:	COKER FORMATION		
Well depth:	166	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	1975-05-15
Water quality data end date:	1975-05-15	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

8
East **FED USGS** **USGS2347447**
1/2 - 1 Mile
Lower

Agency cd:	USGS	Site no:	331915087535001
Site name:	(K 11) CITY OF GORDO WELL #2		
Latitude:	331915	EDR Site id:	USGS2347447
Longitude:	0875350	Dec lat:	33.3209511
Dec lon:	-87.89724044	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	01
State:	01	County:	107
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	239.00		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Middle TombigbeeLubbub. Alabama, Mississippi. Area = 1650 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Confined single aquifer		
Aquifer:	COKER FORMATION		
Well depth:	143	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

C9
East **AL WELLS** **AL00000405**
1/2 - 1 Mile
Lower

Well ID: 1105
SE ID: 2
System Name: GORDO WTR GAS & SEWER BOARD
Source: WELL 2
GPS Update: 4/13/1995

C10
East **FED USGS** **USGS2347439**
1/2 - 1 Mile
Lower

Agency cd:	USGS	Site no:	331906087534701
Site name:	K-9 MINTON MULLENVIX		
Latitude:	331906	EDR Site id:	USGS2347439
Longitude:	0875347	Dec lat:	33.31845114
Dec lon:	-87.89640707	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	01
State:	01	County:	107
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	303.00		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Confined single aquifer		
Aquifer:	GORDO FORMATION		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

D11
ESE **FRDS PWS** **AL0001105**
1/2 - 1 Mile
Lower

Pwsid:	AL0001105	Epa region:	04
State:	AL	County:	Pickens
Pws name:	GORDO WTR GAS & SEWER BOARD		
Population Served:	3630	Pwssvcconn:	1210
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	1716		
Facility name:	TANK 1		
Facility type:	Storage	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		

Contact name:	SANDERS, ROGER		
Original name:	SANDERS, ROGER		
Contact phone:	205-395-7111	Contact address1:	P O Box 348
Contact address2:	Not Reported		
Contact city:	GORDO		
Contact zip:	35466		

Facility id:	1717		
Facility name:	TANK 2		
Facility type:	Storage	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		

Facility id:	3300		
Facility name:	OLD TREATMENT PLANT		
Facility type:	Treatment_plant	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		

Facility id:	3301		
Facility name:	WELL 3 SULLIVAN WELL + TREATMENT PLANT		
Facility type:	Treatment_plant	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		

Facility id:	4899		
Facility name:	WELL 1		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		

Facility id:	4900		
Facility name:	WELL 2		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		

Facility id:	4901		
Facility name:	WELL 3 SULLIVAN WELL		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		

Facility id:	4902		
Facility name:	WELL 4		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		

Facility id:	6355		
Facility name:	DISTRIBUTION SYSTEM		
Facility type:	Distribution_system_zone	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		

Facility id:	1716		
Facility name:	TANK 1		
Facility type:	Storage	Treatment process:	ph adjustment
Treatment objective:	corrosion control		

Facility id:	1717		
Facility name:	TANK 2		
Facility type:	Storage	Treatment process:	ph adjustment
Treatment objective:	corrosion control		

Facility id:	3300		
Facility name:	OLD TREATMENT PLANT		
Facility type:	Treatment_plant	Treatment process:	ph adjustment
Treatment objective:	corrosion control		

Facility id:	3301		
Facility name:	WELL 3 SULLIVAN WELL + TREATMENT PLANT		
Facility type:	Treatment_plant	Treatment process:	ph adjustment
Treatment objective:	corrosion control		

Facility id:	4899		
Facility name:	WELL 1		
Facility type:	Well	Treatment process:	ph adjustment
Treatment objective:	corrosion control		

Facility id:	4900		
Facility name:	WELL 2		
Facility type:	Well	Treatment process:	ph adjustment
Treatment objective:	corrosion control		

Facility id:	4901		
Facility name:	WELL 3 SULLIVAN WELL		
Facility type:	Well	Treatment process:	ph adjustment
Treatment objective:	corrosion control		

Facility id:	4902		
Facility name:	WELL 4		
Facility type:	Well	Treatment process:	ph adjustment
Treatment objective:	corrosion control		

Facility id:	6355		
Facility name:	DISTRIBUTION SYSTEM		
Facility type:	Distribution_system_zone	Treatment process:	ph adjustment
Treatment objective:	corrosion control		

Facility id:	1716		
Facility name:	TANK 1		
Facility type:	Storage	Treatment process:	fluoridation
Treatment objective:	other		

Facility id:	1717		
Facility name:	TANK 2		
Facility type:	Storage	Treatment process:	fluoridation
Treatment objective:	other		

Facility id:	3300		
Facility name:	OLD TREATMENT PLANT		
Facility type:	Treatment_plant	Treatment process:	fluoridation
Treatment objective:	other		

Facility id:	4901		
Facility name:	WELL 3 SULLIVAN WELL		
Facility type:	Well	Treatment process:	fluoridation
Treatment objective:	other		

Facility id:	4902		
Facility name:	WELL 4		
Facility type:	Well	Treatment process:	fluoridation
Treatment objective:	other		

Facility id:	6355		
Facility name:	DISTRIBUTION SYSTEM		
Facility type:	Distribution_system_zone	Treatment process:	fluoridation
Treatment objective:	other		

Facility id:	1716		
Facility name:	TANK 1		
Facility type:	Storage	Treatment process:	inhibitor, orthophosphate
Treatment objective:	corrosion control		

Facility id:	1717		
Facility name:	TANK 2		
Facility type:	Storage	Treatment process:	inhibitor, orthophosphate
Treatment objective:	corrosion control		

Facility id:	3300		
Facility name:	OLD TREATMENT PLANT		
Facility type:	Treatment_plant	Treatment process:	inhibitor, orthophosphate
Treatment objective:	corrosion control		

Facility id:	3301		
Facility name:	WELL 3 SULLIVAN WELL + TREATMENT PLANT		
Facility type:	Treatment_plant	Treatment process:	inhibitor, orthophosphate
Treatment objective:	corrosion control		

Facility id:	4899		
Facility name:	WELL 1		
Facility type:	Well	Treatment process:	inhibitor, orthophosphate
Treatment objective:	corrosion control		

Facility id:	4900		
Facility name:	WELL 2		
Facility type:	Well	Treatment process:	inhibitor, orthophosphate
Treatment objective:	corrosion control		

Facility id:	4901		
Facility name:	WELL 3 SULLIVAN WELL		
Facility type:	Well	Treatment process:	inhibitor, orthophosphate
Treatment objective:	corrosion control		

Facility id:	4902		
Facility name:	WELL 4		
Facility type:	Well	Treatment process:	inhibitor, orthophosphate
Treatment objective:	corrosion control		

Facility id:	6355		
Facility name:	DISTRIBUTION SYSTEM		
Facility type:	Distribution_system_zone	Treatment process:	inhibitor, orthophosphate
Treatment objective:	corrosion control		

Facility id:	1716		
Facility name:	TANK 1		
Facility type:	Storage	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	1717		
Facility name:	TANK 2		
Facility type:	Storage	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	3300		
Facility name:	OLD TREATMENT PLANT		
Facility type:	Treatment_plant	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	3301		
Facility name:	WELL 3 SULLIVAN WELL + TREATMENT PLANT		
Facility type:	Treatment_plant	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	4899		
Facility name:	WELL 1		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	4900		
Facility name:	WELL 2		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	4901		
Facility name:	WELL 3 SULLIVAN WELL		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	4902		
Facility name:	WELL 4		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	6355		
Facility name:	DISTRIBUTION SYSTEM		
Facility type:	Distribution_system_zone	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	1716		
Facility name:	TANK 1		
Facility type:	Storage	Treatment process:	ph adjustment
Treatment objective:	corrosion control		
Facility id:	1717		
Facility name:	TANK 2		
Facility type:	Storage	Treatment process:	ph adjustment
Treatment objective:	corrosion control		

Facility id: 3300
Facility name: OLD TREATMENT PLANT
Facility type: Treatment_plant Treatment process: ph adjustment
Treatment objective: corrosion control

Facility id: 3301
Facility name: WELL 3 SULLIVAN WELL + TREATMENT PLANT
Facility type: Treatment_plant Treatment process: ph adjustment
Treatment objective: corrosion control

Facility id: 4899
Facility name: WELL 1
Facility type: Well Treatment process: ph adjustment
Treatment objective: corrosion control

Facility id: 4900
Facility name: WELL 2
Facility type: Well Treatment process: ph adjustment
Treatment objective: corrosion control

Facility id: 3301
Facility name: WELL 3 SULLIVAN WELL + TREATMENT PLANT
Facility type: Treatment_plant Treatment process: fluoridation
Treatment objective: other

Facility id: 4899
Facility name: WELL 1
Facility type: Well Treatment process: fluoridation
Treatment objective: other

PWS ID: AL0001105
Date Initiated: Not Reported Date Deactivated: Not Reported
PWS Name: GORDO WTR GAS & SEWER BOARD
MR. CHRIS GRAY, SUPT.
P O DRAWER T
GORDO, AL 354660000

Addressee / Facility: System Owner/Responsible Party
W.D. SULLIVAN , CHM
GORDO WATER GAS & SEWER BOARD
P. O. DRAWER T
GORDO, AL 354660000

Facility Latitude: 33 20 47.0000 Facility Longitude: 87 54 0.0000
Facility Latitude: 33 18 51.0000 Facility Longitude: 87 53 47.0000
Facility Latitude: 33 18 30.0000 Facility Longitude: 87 53 14.0000
City Served: Not Reported
Treatment Class: Treated Population: 2859

Violations information not reported.

D12
ESE
1/2 - 1 Mile
Lower

FED USGS **USGS2347436**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	331851087534301
Site name:	(K 15) CITY OF GORDO-USGS 331851087534301		
Latitude:	331851	EDR Site id:	USGS2347436
Longitude:	0875343	Dec lat:	33.31428454
Dec lon:	-87.8952959	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	01
State:	01	County:	107
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	250.00		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	196	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
WSW **OIL_GAS** **ALOG50000008913**
1/2 - 1 Mile

Permit:	6229	Permit nt:	Not Reported
Api num:	01-107-20144-00-00	Region:	BWB
Wellname:	T.H. BRIDGES 17-5 #1		
Well nt:	Not Reported		
Well quad1:	0		
Well quad2:	0		
Curr oper:	Justiss Oil Co., Inc.-Munoco Co.	Orig oper:	Justiss Oil Co., Inc.-munoco Co.
Oper nt:	Not Reported	Field:	Sneads Creek
Field pe:	Not Reported	Field nt:	Not Reported
County:	Pickens	County nt:	Not Reported
Pool:	Not Reported	Pool nt:	Not Reported
Old status:	Not Reported	Well stat:	PA
Status nt:	Not Reported	Well type:	GAS
Loc lat:	33.31426		
Loc long:	-87.92223		
Loc source:	C		
Loc sect:	17		
Loc town1:	20		
Loc town2:	S		
Loc range1:	13		
Loc range2:	W	Loc region:	N
Loc dist1:	1980		
Loc line1:	N		
Loc dist2:	750		
Loc line2:	W	Loc desc1:	Not Reported
Loc desc2:	Not Reported		
Loc nt:	Not Reported		
Bhl lat:	0		
Bhl lat d:	Not Reported		
Bhl long:	0		
Bhl long d:	Not Reported		
Bhl sect:	0		
Bhl town1:	0		
Bhl town2:	Not Reported		
Bhl range1:	0		
Bhl range2:	Not Reported	Bhl region:	Not Reported
Bhl dist1:	0		
Bhl line1:	Not Reported		
Bhl dist2:	0		
Bhl line2:	Not Reported		
Bhl depth1:	0		
Bhl desc1:	Not Reported		
Bhl dist3:	0		
Bhl line3:	Not Reported		
Bhl dist4:	0		
Bhl line4:	Not Reported		
Bhl depth2:	0		
Bhl desc2:	Not Reported	Bhl nt:	Not Reported
Unit size:	320	Unit desc1:	N/2
Unit desc2:	Not Reported		
Unit nt:	Not Reported	Perm date:	02/09/89

Perm dt nt:	Not Reported	Spud date:	03/11/89
Spud dt nt:	Not Reported	Log date:	03/25/89
Log dt nt:	Not Reported	Plug date:	04/19/93
Plug dt nt:	Not Reported	Test date:	04/28/89
Test dt nt:	Not Reported	Prod date:	05/01/89
Prod dt nt:	Not Reported		
Td drill:	5040		
Td dril nt:	Not Reported		
Td log:	5038		
Td log nt:	Not Reported		
Td plug:	4300		
Td plug nt:	Not Reported		
Kop:	0		
Kop nt:	Not Reported		
Std drill:	0		
Std drl nt:	Not Reported		
Std log:	0		
Std log nt:	Not Reported		
Std plug:	0		
Std plg nt:	Not Reported		
Skop:	0		
Skop nt:	Not Reported		
Casing1:	8 5/8 @ 793, 4 1/2 @ 4300		
Casing2:	Not Reported		
Casing nt:	Not Reported		
Bd order1:	89-23, REDEFINED POTTSVILLE A & EST. BASAL POTSVILLE, 2-17-89		
Bd order2:	Not Reported		
Bd ordr nt:	Not Reported		
Remark1 1:	*FIRST PRODUCTION FROM POTTSVILLE B WAS 8/89		
Remark1 2:	Not Reported		
Remark1 nt:	Not Reported	Location:	Not Reported
Mod date1:	3/15/199	Mod user1:	JAY
Gl elev:	291		
Df elev:	301		
Kb elev:	302		
Logs1:	DIL, DNL, ML, MD, DST		
Logs2:	Not Reported		
Logs3:	Not Reported		
Logs4:	Not Reported		
Logs5:	Not Reported		
Logs nt:	Not Reported		
Core fnum:	0		
Core type:	Not Reported	Core anlys:	Not Reported
Core qty:	Not Reported	Cores1:	NOT CORED
Cores2:	Not Reported		
Cores nt:	Not Reported		
Samp fnum:	0		
Samp type:	Not Reported	Samp anlys:	Not Reported
Samp qty:	Not Reported	Samples1:	0-790(30), 790-5040(10-MS)
Samples2:	Not Reported		
Samp nt:	Not Reported		
Perfs1:	3156-3224, 4149-84		
Perfs2:	Not Reported		
Perfs nt:	Not Reported		
Tests1:	4-28-89 POTTSVILLE D 3156-3224 4 HR FL 705 MCFD, 16/64", TP 480;		
Tests2:	8-29-89 POTTSVILLE B 4149-84 4 HR FL 642 MCFD, 18/64", TP 330		
Tests3:	Not Reported		
Tests4:	Not Reported		
Tests5:	Not Reported		
Tests nt:	Not Reported		
Treat1:	4-6-89 3156-3224 A; 4-21-89 3156-3224 F; 6-30-89 4149-84 A; 8-24-89		
Treat2:	4149-84 F		
Treat nt:	Not Reported		
Remarks2 1:	Not Reported		

Remarks2 2:	Not Reported		
Mod date2:	09/15/97	Mod user2:	LRHEAMS
Site id:	ALOG50000008913		

2
South
1/2 - 1 Mile

OIL_GAS **ALOG50000008802**

Permit:	6043	Permit nt:	Not Reported
Api num:	01-107-20141-00-00	Region:	BWB
Wellname:	DORIS N. HAMM 17-16 #1		
Well nt:	Not Reported		
Well quad1:	0		
Well quad2:	0		
Curr oper:	Justiss Oil Co., Inc.-Munoco Co.	Orig oper:	Justiss Oil Co., Inc.-munoco Co.
Oper nt:	Not Reported	Field:	Sneads Creek
Field pe:	Not Reported	Field nt:	Not Reported
County:	Pickens	County nt:	Not Reported
Pool:	Pottsville A	Pool nt:	Not Reported
Old status:	Not Reported	Well stat:	PA
Status nt:	Not Reported	Well type:	GAS
Loc lat:	33.30755		
Loc long:	-87.91072		
Loc source:	C		
Loc sect:	17		
Loc town1:	20		
Loc town2:	S		
Loc range1:	13		
Loc range2:	W	Loc region:	N
Loc dist1:	900		
Loc line1:	S		
Loc dist2:	990		
Loc line2:	E	Loc desc1:	Not Reported
Loc desc2:	Not Reported		
Loc nt:	Not Reported		
Bhl lat:	0		
Bhl lat d:	Not Reported		
Bhl long:	0		
Bhl long d:	Not Reported		
Bhl sect:	0		
Bhl town1:	0		
Bhl town2:	Not Reported		
Bhl range1:	0		
Bhl range2:	Not Reported	Bhl region:	Not Reported
Bhl dist1:	0		
Bhl line1:	Not Reported		
Bhl dist2:	0		
Bhl line2:	Not Reported		
Bhl depth1:	0		
Bhl desc1:	Not Reported		
Bhl dist3:	0		
Bhl line3:	Not Reported		
Bhl dist4:	0		
Bhl line4:	Not Reported		
Bhl depth2:	0		
Bhl desc2:	Not Reported	Bhl nt:	Not Reported
Unit size:	320	Unit desc1:	S/2
Unit desc2:	Not Reported		
Unit nt:	Not Reported	Perm date:	11/07/88

Perm dt nt:	Not Reported	Spud date:	11/15/88
Spud dt nt:	Not Reported	Log date:	12/04/88
Log dt nt:	Not Reported	Plug date:	12/14/90
Plug dt nt:	Not Reported	Test date:	01/04/89
Test dt nt:	Not Reported	Prod date:	Not Reported
Prod dt nt:	Not Reported		
Td drill:	5200		
Td dril nt:	Not Reported		
Td log:	5192		
Td log nt:	Not Reported		
Td plug:	4848		
Td plug nt:	Not Reported		
Kop:	0		
Kop nt:	Not Reported		
Std drill:	0		
Std drl nt:	Not Reported		
Std log:	0		
Std log nt:	Not Reported		
Std plug:	0		
Std plg nt:	Not Reported		
Skop:	0		
Skop nt:	Not Reported		
Casing1:	8 5/8 @ 804, 4 1/2 @ 4912		
Casing2:	Not Reported		
Casing nt:	Not Reported		
Bd order1:	89-5 F. POOL 1-20-89, 89-6 REFORM 40 (SE/4SE/4) TO 320 11-20-89, 8		
Bd order2:	9-7 ADD TO FIELD 1-20-89;89-23, REDEFINED POTTSVILLE A & EST. BASAL		
Bd ordr nt:	Not Reported		
Remark1 1:	POTTSVILLE, 2-17-89 *TESTED GAS BUT NEVER PRODUCED		
Remark1 2:	Not Reported		
Remark1 nt:	Not Reported	Location:	Not Reported
Mod date1:	3/15/199	Mod user1:	JAY
Gl elev:	260		
Df elev:	270		
Kb elev:	271		
Logs1:	DIL, DNL, ML, DST		
Logs2:	Not Reported		
Logs3:	Not Reported		
Logs4:	Not Reported		
Logs5:	Not Reported		
Logs nt:	Not Reported		
Core fnum:	0		
Core type:	Not Reported	Core anlys:	Not Reported
Core qty:	Not Reported	Cores1:	NOT CORED
Cores2:	Not Reported		
Cores nt:	Not Reported		
Samp fnum:	6450		
Samp type:	Not Reported	Samp anlys:	30
Samp qty:	5BX	Samples1:	0-800(30); 800-5200(30)
Samples2:	Not Reported		
Samp nt:	Not Reported		
Perfs1:	4602-14, 4653-4705, 4788-4801		
Perfs2:	Not Reported		
Perfs nt:	Not Reported		
Tests1:	1-4-89 POTTSVILLE A 4653-4705 4 HR FL 170 MCFD, 12/64", TP 195		
Tests2:	Not Reported		
Tests3:	Not Reported		
Tests4:	Not Reported		
Tests5:	Not Reported		
Tests nt:	Not Reported		
Treat1:	12-12-88 4788-4801 A; 12-14-88 4653-4705 A; 2-3-89 4602-4705 F		
Treat2:	Not Reported		
Treat nt:	Not Reported		
Remarks2 1:	Not Reported		

Remarks2 2:	Not Reported		
Mod date2:	09/15/97	Mod user2:	LRHEAMS
Site id:	ALOG50000008802		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: AL Radon

Radon Test Results

Num Tested	< 4 pCi/L	> 4 pCi/L	% > 4 pCi/L	Avg Level	Highest
16	16	0	0	0.67	1.7
16	16	0	0	0.67	1.7
16	16	0	0	0.67	1.7

Federal EPA Radon Zone for PICKENS County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 35466

Number of sites tested: 5

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.340 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Alabama Wells Data
Source: Department of Environmental Management
Telephone: 334-271-7985

OTHER STATE DATABASE INFORMATION

Well Surface Locations
Source: Geological Survey of Alabama, State Oil and Gas Board
Telephone: 205-247-3661
A listing of oil and gas well locations in the state

RADON

State Database: AL Radon
Source: Department of Public Health
Telephone: 334-206-5391
Short-Term Test Results for Alabama Counties

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

Appendix E
Interview Documentation

EBS INTERVIEW FORM

Originator: Mike Brose Date: 1/24/13 Time: 10:00 Am

Made Call ☐ _____ Received Call ☐ Meeting at: Gordo USARC ☑

Person Contacted: Mr. Erving Weller TITLE: Facility Coordinator

Purpose of Contact: Gordo ECP

1) Buildings/Areas/Sites Involved With: Gordo USARC

2) Over What Period of Time: Since 2001

3) Other Environmental Knowledge (Asbestos, PCBs, Lead-based Paint, etc.): None known

4) Any Known Releases, Spills, or Compliance Violations: None known

unaware of any liens or restrictions or violations against the property.

5) Any Concerns with the Installation or Adjacent Properties: None known

6) Other Topics Discussed: To his knowledge the indoor Firing Range was never used.

He provide Construction drawing, 2000 Engineering and Environment facility assessment, Memo go regarding Radiation.

EBS INTERVIEW FORM

Originator: Mike Rose Date: 1/31/13 Time: 3:05 pm

Made Call ☑ 205-248-4414 Received Call ☐ Meeting at: _____ ☐

Person Contacted: Lyndon Ericksen TITLE: AFOS

Purpose of Contact: Ask question below for Gordo USAR

1) Buildings/Areas/Sites Involved With: ~~3/5~~ Gordo USARC

2) Over What Period of Time: 3.5 years (the last)

3) Other Environmental Knowledge (Asbestos, PCBs, Lead-based Paint, etc.): No other known

4) Any Known Releases, Spills, or Compliance Violations: No military vehicles at Gordo. Does not know of any environmental releases, concerns, etc.

5) Any Concerns with the Installation or Adjacent Properties: No, none that he is aware

6) Other Topics Discussed:

EBS INTERVIEW FORM

Originator: Mike Brose Date: 1-31-13 Time: 3:50

Made Call ☑ 404-286-6304 Received Call ☐ Meeting at: _____ ☐

Person Contacted: Dan Sellers TITLE: RFES

Purpose of Contact: FORDO USAR ECP

1) Buildings/Areas/Sites Involved With: All of AL USAR facilities

2) Over What Period of Time: Since Feb 2012

3) Other Environmental Knowledge (Asbestos, PCBs, Lead-based Paint, etc.): No new info

4) Any Known Releases, Spills, or Compliance Violations: None

5) Any Concerns with the Installation or Adjacent Properties: No

6) Other Topics Discussed: No vehicle maintenance was done at Gordo.
Last unit at Gordo was 416th Replacement Company

EBS INTERVIEW FORM

Originator: Mike Broz Date: 1/24/13 Time: 11:00 am

Made Call ☐ _____ Received Call ☐ Meeting at: Gordo USARC ☐

Person Contacted: Sherman Johnson / Allied Governmental Svcs. TITLE: (AGS)

Purpose of Contact: Gordo ECP

1) Buildings/Areas/Sites Involved With: Gordo USARC

2) Over What Period of Time: Since 2011

3) Other Environmental Knowledge (Asbestos, PCBs, Lead-based Paint, etc.): None known

4) Any Known Releases, Spills, or Compliance Violations: None known

5) Any Concerns with the Installation or Adjacent Properties: None known

6) Other Topics Discussed: Mr. Johnson is a contractor working out of an office at Gordo USARC.

EBS INTERVIEW FORM

Originator: Mike Brose Date: 2/4/13 Time: 1:40 pm

Made Call ☑ 803-751-9383 Received Call ☐ Meeting at: _____ ☐

Person Contacted: Linda Riley Lattimore TITLE: Environmental Protection Specialist

Purpose of Contact: Gordo ECP

1) Buildings/Areas/Sites Involved With: Gordo USARC

2) Over What Period of Time: last 6 months

3) Other Environmental Knowledge (Asbestos, PCBs, Lead-based Paint, etc.): None known

4) Any Known Releases, Spills, or Compliance Violations: None known

5) Any Concerns with the Installation or Adjacent Properties: None known

6) Other Topics Discussed: Provide electronic copies of

* Range Clean up
* 81st RSC Environmental Review Checklist
* Sanitary Sewer & Stormwater Drainage evaluation

EBS INTERVIEW FORM

Originator: Mike Boese Date: 2/5/12 Time: 14:20

Made Call ☑ 205-364-7111 Received Call ☐ Meeting at: _____ ☐

Person Contacted: Town Hall - No Fire dept - Todd Hall TITLE: PO Deputy

Purpose of Contact: Gordo ECP

1) Buildings/Areas/Sites Involved With: Gordo has no local full time Fire department - Just volunteer. Spoke w/ police dept who stated that there was no known/documented emergency response to the USARC

2) Over What Period of Time: Since 1989

3) Other Environmental Knowledge (Asbestos, PCBs, Lead-based Paint, etc.):

No knowledge

4) Any Known Releases, Spills, or Compliance Violations: No knowledge

5) Any Concerns with the Installation or Adjacent Properties: No knowledge except for car wrecks near USARC

6) Other Topics Discussed:

EBS INTERVIEW FORM

Originator: Mike Brose Date: 2/5/12 Time: 15:00

Made Call ☐ _____ Received Call ☑ Meeting at: _____ ☐

Person Contacted: Barry Ambrose TITLE: Environmental Director

Purpose of Contact: Gordo EcP

1) Buildings/Areas/Sites Involved With: Pinkens County Health dept.

2) Over What Period of Time: last 31 years w/ Health dept.

3) Other Environmental Knowledge (Asbestos, PCBs, Lead-based Paint, etc.): None known

4) Any Known Releases, Spills, or Compliance Violations: None known

5) Any Concerns with the Installation or Adjacent Properties: None known

6) Other Topics Discussed:

Appendix F
Supporting Documentation

DISCUSSION OF SITE SPECIFIC CONDITIONS

SITE: Gordo USARC (GRDO)
Hwy 82 E
Rt 4, Box 50-V-1
Gordo, AL 35466

1. Number and type of buildings: This site has one brick building with a metal roof. It was constructed in 1991 and has had no additions.

2. Areas of assumed ACM: 15 doors in this facility were labeled as fire doors. All are assumed ACM.

3. Unusual or unique activities/conditions: None

4. Findiugs: A total of 41 tests were conducted, none were positive for ACM.

Although none of the tests were positive for asbestos, there were 15 fire doors assumed to contain asbestos. See paragraph 2.

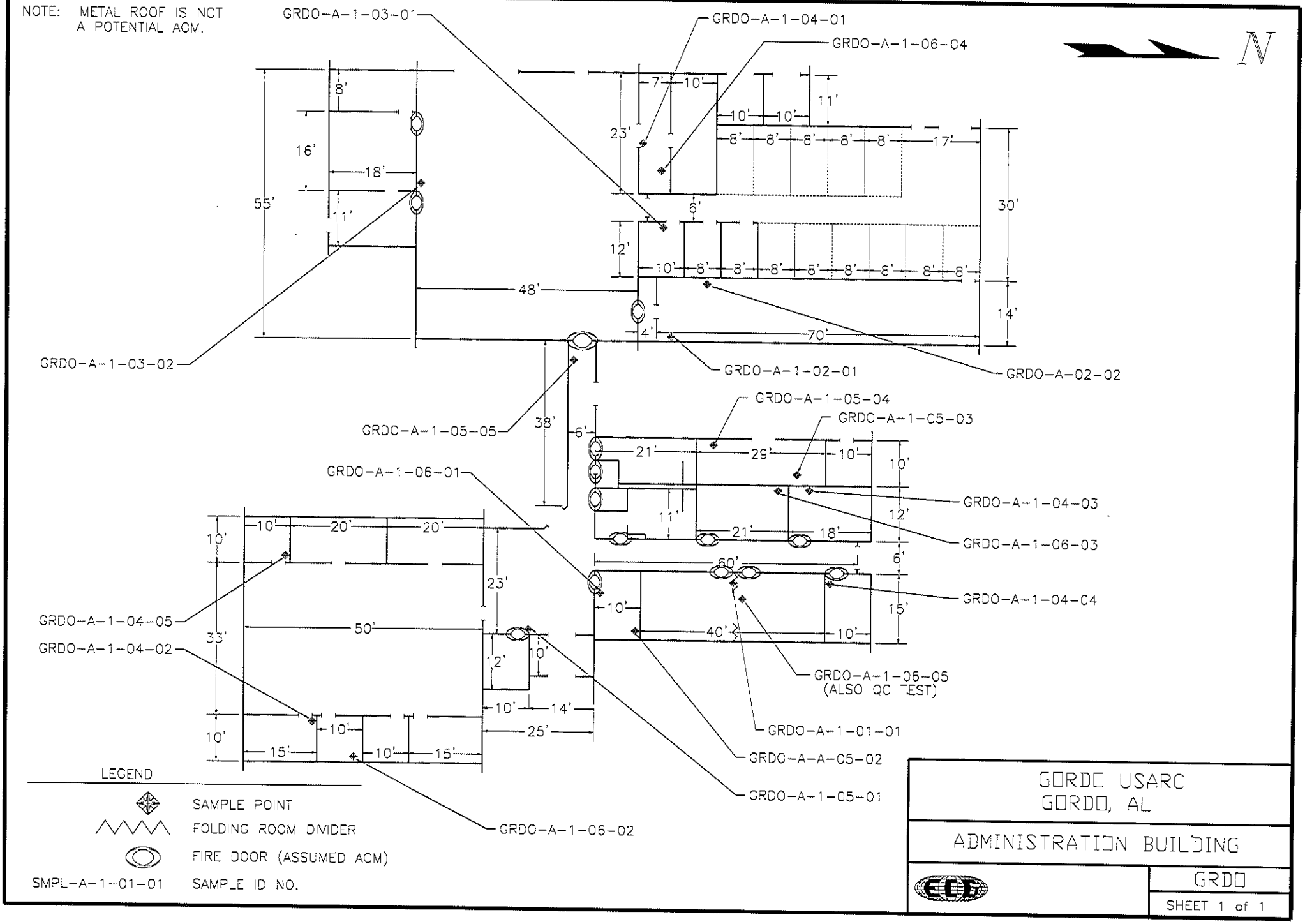
ASBESTOS SURVEY TEST FINDING SUMMARY TABLE

SITE NAME: Gordo USARC, Gordo, Alabama

SAMPLE ID NUMBER	LABORATORY RESULT	% ASBESTOS CONTENT	ASBESTOS TYPE	ESTIMATED QTY (SF OR LF)	FRIABLE/ NONFRIABLE	ASBESTOS CONDITION	MATERIAL TYPE	DISTURBANCE POTENTIAL	AHERA CATEGORY
1. TOTAL NUMBER OF TESTS: 41									
2. THE QUALITY CONTROL TESTING CONFIRMED THE FINDINGS OF BULK SAMPLE TESTING.									
3. 15 FIRE DOORS AS SHOWN ON THE DRAWING ARE ASSUMED TO CONTAIN ACM.									

NOTES:

SAMPLE ID DESIGNATIONS:	**POTENTIAL FOR DISTURBANCE: (All TSI/friable ACM)**
1ST SET DIGITS = SITE IDENTIFICATION	**HIGH:** Workers in vicinty more than once per week, loud
2ND SET DIGITS = BUILDING (A=ADMIN, M=MAINTENANCE)	motors, high velocity air.
3RD SET DIGITS = FLOOR	**MODERATE:** Workers in vicinity once per month to once per week,
4TH SET DIGITS = HOMOGENOUS AREA	air motors present but not obtrusive, noticeable movement of air.
5TH SET DIGITS = SAMPLE SEQUENCE NUMBER	**LOW:** Workers in vicinity of material less than once/month, material
6TH SET DIGITS = Sample layer: ie, layer a=floor tile or TSI covering,	visible but not within reach, no motors present, no noticeable airstream.
and layer b=floor tile mastic or the TSI insulation.	**AHERA CATEGORIES: (All TSI/friable ACM)**
ASBESTOS CONDITION CODES:	1-Damaged or significantly damaged TSI
G = Good D = Damaged SD = Significantly Damaged	2-Damaged friable surfacing ACM
ABREVIATIONS:	3-Significantly damaged friable surfacing ACM
SF = Square Feet LF = Linear Feet	4-Damaged or significantly damaged friable misc ACM
TSI = Thermal System Insulation	5-ACBM with potential for damage
ACM = Asbestos Containing Material	6-ACBM with potential for significant damage
ACBM = Asbestos Containing Building Material	7-Any remaining friable ACBM or friable suspected ACBM


NOTE: METAL ROOF IS NOT A POTENTIAL ACM.
N
GRDO-A-1-03-01
GRDO-A-1-04-01
GRDO-A-1-06-04
GRDO-A-1-03-02
GRDO-A-1-02-01
GRDO-A-02-02
GRDO-A-1-05-05
GRDO-A-1-05-04
GRDO-A-1-05-03
GRDO-A-1-06-01
GRDO-A-1-04-03
GRDO-A-1-06-03
GRDO-A-1-04-04
GRDO-A-1-04-05
GRDO-A-1-04-02
GRDO-A-1-06-05
(ALSO QC TEST)
GRDO-A-1-01-01
GRDO-A-A-05-02
GRDO-A-1-05-01
GRDO-A-1-06-02
LEGEND
SAMPLE POINT
FOLDING ROOM DIVIDER
FIRE DOOR (ASSUMED ACM)
SMPL-A-1-01-01 SAMPLE ID NO.
GORDO USARC
GORDO, AL
ADMINISTRATION BUILDING
GRDO
SHEET 1 of 1

DEPARTMENT OF THE ARMY
US ARMY MEDICAL DEPARTMENT ACTIVITY
FORT MCCLELLAN, ALABAMA 36205-5083

REPLY TO
ATTENTION OF

HSXQ-PM (40-5f)

18 October 1988

MEMORANDUM FOR: Commander, U.S. Army Reserve Center, U.S. Artc, General Delivery, Gordo, Alabama 35466

SUBJECT: Industrial Hygiene Survey for Bulk Asbestos, U.S. Army Reserve Center, Gordo, Alabama

1. On 28 September 1988, an industrial hygiene survey to detect the presence of asbestos, if any, in the above facility was performed by Bobby Copeland and Norman Butler, Industrial Hygienists, Preventive Medicine Service (PMS), USAMEDDAC, Fort McClellan, Alabama. During this survey a total of two bulk samples of suspected building materials were collected for analysis. One of the samples collected contained asbestos material. The laboratory analysis report is included as Enclosure 1. Enclosure 2 lists the sample location.

2. Point of contact for further assistance/information is Bobby Copeland, Industrial Hygienist, commercial telephone number (205) 848-3915/3475.

2 Encl
as

for M M Malman
ROGER V. CADOL
Colonel, MC
Commanding

ORATORY ANALYSIS RE RT

a CIGNA compa

1021 Georgia Avenue, 3rd Floor
Macon, GA 31201-6709
(800) 841-8919
In GA (912) 745-4702

Laboratories In Macon, GA and Hartford, CT

To: Commander, USA MEDDAC
Attn: HSXQ-PMA (Mr. Butler)
Fort McClellan, AL 36205

Report No.: 88J0001

P. O. No.: DABT-02-88-P-0049

Date Received: 10-3-88

Date Reported: 10-5-88

Analysis: ASBESTOS IDENTIFICATION
Analytical Method: Polarized Light Microscopy with dispersion staining at 100 x magnification.

Sample No. (Bulk)	Analytical Results
B-095-88*	No Asbestos Detected* Cellulosic Fibers 10% Fibrous Glass 35%
B-096-88-Black Tar Adhesive Portion*	Chrysotile Asbestos 1%* Cellulosic Fibers 2%
-Grey Tile Portion	Chrysotile Asbestos <1% Cellulosic Fibers <1%
B-097-88	No Asbestos Detected Fibrous Glass 15% Cellulosic Fibers <1%
B-098-88*	Chrysotile Asbestos <1%* Fibrous Glass 30% Cellulosic Fibers <1%
B-099-88	No Asbestos Detected Cellulosic Fibers <1%

Percentages given are visual estimates based on volume.
EHL's QC procedure consists of participation in the EPA Bulk Asbestos Identification Quality Assurance Program, duplicate analysis of 10% of all samples and biweekly blind sample exchange with our Hartford, CT location.
Samples were homogeneous and were not treated prior to analysis unless indicated above.

< = Less than.

Analyst Don Metcalfe Date: 10-5-88

Don Metcalfe

CP-28781a Ptd in U S A

End 1

Sample No. (Bulk)	Analytical Results
B-100-88	Chrysotile Asbestos <1% Fibrous Glass 25% Cellulosic Fibers <1%
B-101-88	Amosite Asbestos 15% Chrysotile Asbestos 35% Crocidolite Asbestos 3% Fibrous Glass 5%
B-102-88	Chrysotile Asbestos <1% Fibrous Glass 20%
B-103-88	Chrysotile Asbestos 8% Fibrous Glass 35% Cellulosic Fibers <1%
B-104-88	Chrysotile Asbestos 7% Cellulosic Fibers <1% Fibrous Glass 25%
B-105-88-Black Tar Adhesive Portion*	Chrysotile Asbestos 4%* Cellulosic Fibers <1%
-Green Tile Portion	Chrysotile Asbestos 2%
B-106-88	Chrysotile Asbestos 1% Cellulosic Fibers <1% Fibrous Glass 30%
B-107-88	Chrysotile Asbestos <1% Cellulosic Fibers <1% Fibrous Glass 30%
B-108-88*	No Asbestos Detected* Cellulosic Fibers 95%
B-109-88-Tan Tile Portion*	No Asbestos Detected*
-Black Tar Adhesive Portion	Chrysotile Asbestos 1% Cellulosic Fibers <1%

*These samples were not homogeneous.

Analyst Don Metcalfe Date: 10-5-88

Don Metcalfe

CONTRACT No: DABT 02-88-P-0041

BULK SAMPLE DATA RECEIVED

For use of this form see Tech Guide 02PS; the proponent is HSE-OI.

RETURN ADDRESS COMMANDER, USA MEDDAC

ATTN: HSXQ-PMA (MR. BUTLER)

PHONE NO. (205) 848-3475 3915

ARE THERE ASSOCIATED AIR SAMPLES WITH THIS BULK? YES ____ NO ✓

INSTALLATION FORT MCCLELLAN, ALABAMA 36205

COLLECTED BY N. BUTLER/B. CORELAND PROJECT NO. ____ DATE 26-29 Sept

LOCATION (BLDG/AREA) U.S. ARMY RESERVE CENTERS TUPELO, STARKVILLE, MS & GRD, MC. OPERATION N/A

✓ PERSONS EXPOSED ✓ HRS/DAY

ASSOCIATED COMPLAINTS NONE

LABEL INFORMATION

TRADE NAME ____

MANUFACTURER ____ ADDRESS ____

MIL SPEC ____ NSN ____ FED SPEC ____

SPECIFIC ANALYSIS DESIRED Type + Percent of Asbestos (See Reverse Side of Form)

LAB USE ONLY	FIELD NO.	CONSTITUENTS	RESULTS	REMARKS

Coordinated with AEHA: Name ____ Date ____

LAB USE ONLY

ANALYST DH PROCED PERF ____ REVIEWED AH DATE RECD 10-3-88 DATE RPTD 10-5-88

HSXQ-PMA Form 358
19 May 82
End 2

SAMPLE No.	SAMPLE LOCATION	REQUESTED: Type & Percent Asbestos	RESULT
	U.S. ARMY RESERVE CENTER TUPELO, MS		
B-095-88	Insulation covered tape on hot water heater line in Boiler Room.	No Asbestos Detected Cellulosic Fibers Fibrous Glass	10% 35%
B-096-88	Floor tile in front of Supply Room.	Black Tar Adhesive Portion Chrysotile Asbestos Cellulosic Fibers Gray Tile Portion Chrysotile Asbestos Cellulosic Fibers	1% 2% <1% <1%
	U.S. ARMY RESERVE CENTER STARKVILLE, MS		
B-097-88	Insulation material on elbow area of cold water line leading to drinking water fountain in main hallway of bldg.	No Asbestos Detected Fibrous Glass Cellulosic Fibers	15% <1%
B-098-88	Boiler Room: Insulation material on elbow area of WORTHINGTON Water Compressor Line.	Chrysotile Asbestos Fibrous Glass Cellulosic Fibers	<1% 10% <1%
B-099-88	Boiler Room: Insulation material on straight run of water line above WORTHINGTON Water Compressor	No Asbestos Detected Cellulosic Fibers	<1%
B-100-88	Boiler Room: Insulation Material on elbow area of water line of Peerless Boiler unit.	Chrysotile Asbestos Fibrous Glass Cellulosic Fibers	<1% 25% <1%
B-101-88	Boiler Room: Insulation Material on Small hot water tank.	Amosite Asbestos Chrysotile Asbestos Cellulosic Fibers Fibrous Glass	10% 10% 2% 5%
B-102-88	Boiler Room: Insulation material on elbow area of water line running to small hot water tank.	Chrysotile Asbestos Fibrous Glass	<1% 10%
B-103-88	Boiler Room: Insulation material on small elbow of water line running to small hot water tank.	Chrysotile Asbestos Fibrous Glass Cellulosic Fibers	9% 35% <1%
B-104-88	Boiler Room: Insulation material on straight run of water line near Boiler Room rear exit door.	Chrysotile Asbestos Cellulosic Fibers Fibrous Glass	7% <1% 25%
B-105-88	Green Floor Tile in front of Boiler Room Entrance Door.	Black Tar Adhesive Portion Chrysotile Asbestos Cellulosic Fibers Green Tile Portion Chrysotile Asbestos	1% <1% 2%
B-106-88	Drill Hall/Supply Room: Insulation material on elbow area of overhead hot water line near Entrance Door.	Chrysotile Asbestos Cellulosic Fibers Fibrous Glass	10% <1% 30%
B-107-88	Drill Hall/Supply Room: Insulation material on elbow area of large overhead hot water line near Entrance Door.	Chrysotile Asbestos Cellulosic Fibers Fibrous Glass	<1% <1% 30%
	U.S. ARMY RESERVE CENTER BOAZ, AL		
B-108-88	SPRAYED-ON Insulation Material on walls and ceiling in Reserve Training Room	No Asbestos Detected Cellulosic Fibers	15%
B-109-88	Floor tile in Reserve Training Room.	Tan Tile Portion No Asbestos Detected Black Tar Adhesive Portion Chrysotile Asbestos Cellulosic Fibers	 1% <1%

RECEIVED
MAR 03 1988

United states army reserve center
Gordo, alabama

ASBESTOS INSPECTION
REPORT

TABLE OF CONTENTS

EXECUTIVE SUMMARY

1. INTRODUCTION

Asbestos Building Inspectors from the Environmental Enterprise Group, Inc. (EEG) of Charleston, SC conducted an inspection to identify asbestos containing building material (ACBM) at the US Army Reserve Center located in Gordo, Alabama. The inspections were conducted on 7 December 2001 and the results of the inspections provide an inventory of ACBM in one (1) building. Temporary/portable buildings were not inspected for this project.

All inspectors were certified by an EPA accredited training center under the Asbestos Hazard Emergency Response Act (AHERA), as Building Inspectors. All inspectors and management planners are employees of EEG, Inc. Copies of inspector training certificates are located in the **TRAINING** section of this report.

Suspect ACBM was identified and sampled in accordance with AHERA-style guidelines (See Paragraph 7 for sampling strategy). Some materials suspected of being ACBM may be assumed to be ACBM and not sampled. Assumed materials may include floor tiles and ventilation transition boots. Some materials weren't identified as ACBM because they were portable and removable (e.g. blackboards, fire hoses,), were not safe to sample (e.g. electrical insulation), or sampling would have damaged the material and impaired the normal system operation/integrity (e.g. heating/ventilation/AC systems, furnace, boiler door and pipe gaskets).

Bulk samples were analyzed by the Environmental Hazards Services (EHS) laboratory of Richmond, Virginia. EHS is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) and the American Industrial Hygiene Association (AIHA) for asbestos analysis. Polarized Light Microscopy (PLM) was used to analyze samples.

Materials identified as ACBM and either sampled or assumed were designated a homogeneous area by similarity of color, texture and date of application. Each homogeneous area was assessed in accordance with the "Asbestos Facility Inventory/Assessment Protocol," NEESA 70.2-010, Developed by the Naval Facilities Engineering Service Center (NFESC).

The NFESC protocol establishes an algorithm rating for each homogeneous area based on condition, quantity, friability, exposure potential, number of persons exposed, building significance and percentage of asbestos present in the material. The **BUILDING SUMMARY TABLES** lists the ratings for each homogeneous area. The rating is heavily weighted by condition, friability, exposure potential and building significance. The higher the rating, the more attention is needed for this material. For the purposes of this inspection, all buildings were listed as occupied during the inspection.

2. **FINDINGS SUMMARY**

BUILDING 1 (Main Reserve Center): No ACBM was detected in this building at the time of the inspection.

See individual Building Summaries for detailed information on these materials. Buildings containing asbestos are required to be included in an Operations and Maintenance (O&M) Program. Any identified asbestos containing material not removed must be maintained following the guidelines of an O&M Plan.

3. **ACCESSABILITY**

There were times during the inspection process when all rooms were not accessible for inspection due to several reasons, including security. The areas that were not inspected at this site were Rooms 106 and 112. Unique room numbers were assigned by the inspectors during the inspection visit (see attached floor plan for room numbers).

4. **RENOVATION/DEMOLITION**

The National Emission Standard for Hazardous Air Pollutants (NESHAP) 40 CFR Part 61 requires written notification to the local Air Quality Management District at least ten working days prior to renovation or demolition of ACBM in quantities of 260 linear feet, 160 square feet, 35 cubic feet, or greater, except in cases of emergencies. Contractors are advised to verify most current regulations with the Local Air Quality Management District prior to start of any work.

5. **REPORT ORGANIZATION**

Specific, detailed information on each inspected building is noted in the *BUILDING SUMMARIES* section of this report and include the following:

Photos of existing buildings
Narrative description of the building with findings and recommendations

Building Summary Table
Laboratory Test Results Table
Operations and Maintenance Table
CADD drawing showing sample and asbestos locations
Laboratory Chain of Custody and results forms

Following the *BUILDING SUMMARIES* is a tabbed section for *TRAINING.* Copies of each Inspector's appropriate certificates are included there.

6. ABATEMENT COSTS

EEG, Inc. inspectors found **no** confirmed or assumed ACBM in the center inspected at this site. No abatement cost estimates for these buildings are necessary.

7. SAMPLING STRATEGY

The sampling and analysis of bulk samples was conducted in accordance with established AHERA guidelines. Unless otherwise stated, the following sampling scheme was utilized during the survey:

Thermal System Insulation (TSI)

1) A minimum of 1 sample was taken of each homogenous area <6 linear feet (LF) or <6 square feet (SF).
2) A minimum of 3 samples was taken of each homogenous area >6 LF or > 6 SF.

Surfacing Materials

1) A minimum of 3 samples were taken of each homogeneous area of material 1000 SF or less.

2) A minimum of 5 samples were taken of each homogenous area of material greater than 1000 SF but less than 5000 SF.

3) A minimum of 7 samples were taken of each homogenous area of material greater than 5000 SF.

Miscellaneous Materials (Including floor tiles, ceiling tiles and mastics)

A minimum of 2 samples

A comprehensive and thorough asbestos inspection was conducted on these facilities by certified and experienced Environmental Enterprise Group inspectors. Every effort was made to identify all ACBM in the facility, but due to random sampling techniques mandated by EPA regulations, the non-destructive sampling policy for this project and accessibility constraints, the possibility always exists that some ACBM remains undetected.

BUILDING SUMMARIES

The following pages report observations noted and suggest actions required as a result of an asbestos inspection conducted by Environmental Enterprise Group, Inc. in December of 2001. One (1) building at the US Army Reserve Center located in Gordo, Alabama was inspected for possible presence of suspect/assumed asbestos. This section provides *Description, Findings, Observations, Recommended Abatement Action, and Recommendations for Operations and Maintenance* for each building inspected.

The room numbers shown on the CAD drawings and referenced in the report were assigned by the inspectors at the time of inspection. Some room numbers are prefixed by a letter to indicate the type of room. **E** indicates an entry to the building, **H** indicates a hallway, **R** is a roof, **S** is a stairwell, **A** is an attic area and **B** indicates basement rooms.

BUILDING 1: Main Reserve Center

1. DESCRIPTION:

Building 1 is a 13,665 square-foot building. It is a concrete block structure with brick exterior and a metal roof. It was constructed in 1991. The following information was identified during the survey and from the analysis of the samples taken:

- One homogeneous area was identified during the initial survey.
- No homogeneous areas were assumed to contain asbestos.
- One of the homogeneous areas was suspected to contain asbestos and sampled to confirm.
- No suspected homogeneous areas were confirmed to contain asbestos.

2. FINDINGS:

One homogeneous area with suspected ACM was identified. Two samples were collected and analyzed. Sample results are summarized in the Laboratory Test Results table in this section. No asbestos was found in any homogeneous area.

Confirmed ACM. The following homogeneous areas sampled were confirmed to contain asbestos: **NONE**

Asbestos Free. Asbestos was not detected in the following homogeneous areas:

- H-1: MISC, FLOOR TILE & MASTIC, 12", Cream w/brown & tan streaks

Assumed ACM. The following homogeneous areas were assumed to contain asbestos: **NONE**

3. OBSERVATIONS: NONE

4. RECOMMENDED ABATEMENT ACTIONS: NONE

5. RECOMMENDATIONS FOR OPERATIONS AND MAINTENANCE: NONE

BUILDING SUMMARY TABLE

US ARMY RESERVE CENTER - GORDO
ASBESTOS BUILDING SURVEY

Building No. 1

H-No	ACM Y,N,A	Material Description	Quantity	Rating	Friability	Cond	% D	Recommended Action	Cost Estimate	Comments
1	N	**Misc, FLOOR TILE & MASTIC, 12", Cream w/brown & tan streaks**	**SF**	**0**						
		Rooms E-001, H-101, Various								

Note: Asbestos abatement cost estimates are not included in this report.

H-No= Homogenous Area Number, ACM= Asbestos Containing Material: Y=Yes, N= No, A= Assumed, TSI= Thermal System Insulation, Misc= Miscellaneous, Quantity: SF= Square Footage, LF= Linear Feet, Friability: Mod= Moderate, Condition: PD= Potential for Damage, D= Damaged, SD= Significantly Damaged, Recommended Action: O&M= Operation and Maintenance

LABORATORY TEST RESULTS TABLE

US ARMY RESERVE CENTER - GORDO
ASBESTOS BUILDING SURVEY
INDUSTRIAL LABORATORY TEST REPORT

Building No. 1

Homo. Area	ASB Y/N	Sample Number	Room Number	Material Description:	Date Sampled	Date Analyzed	Sample Results	Percent Asbestos
1	NO	Gordo-001	E-001	Misc, FLOOR TILE & MASTIC, 12", Cream w/brown & tan streaks	12/07/01	12/13/01	No Asbestos Detected	0%
1	NO	Gordo-002	H-101	Misc, FLOOR TILE & MASTIC, 12", Cream w/brown & tan streaks	12/07/01	12/13/01	No Asbestos Detected	0%

TEST METHOD: Method for the determination of Asbestos in bulk building materials (EPA/600/R-93/116) DETECTION LIMIT: 1%

BUILDING 1 – MAIN RESERVE CENTER – GORDO, AL

DEPARTMENT OF THE ARMY

U. S. ARMY FACILITIES GROUP- SE
10 S. 100 SOUTH FRONTAGE ROAD
DARIEN, IL 60561-1780

ENVIRONMENTAL COMPLIANCE ASSESSMENT
Gordo USAR
25226 Hwy 82

Gordo, AL 35466-2227
Facility I.D. No. AL022
Date of Visit: July 22, 2004

PREPARED BY:
DET E Montgomery Team,
FACILITY ENGINEER CENTER, SOUTHEAST
2775 Gunter Park Drive West
Montgomery, AL 36109-1013

ENVIRONMENTAL COMPLIANCE ASSESSMENT EXECUTIVE SUMMARY

INSTALLATION NAME: **Gordo USAR, Gordo AL**
INSTALLATION NUMBER: **AL022**

This report presents the results of an environmental compliance assessment conducted on the Gordo USAR Army Reserve Center at 25226 Hwy 82 Gordo, AL 35466-2227 (herein referenced as Facility) in accordance with the Environmental Compliance Assessment Systems (ECAS). This assessment was conducted pursuant to Memorandum, dated 18 October 1991, Subject: Environmental Compliance Assessment for Army Reserve (ECAAR) by Detachment E, Facility Engineer Center Southeast. The ECAS Program as specifically applied to the Army Reserve through ECAAR, developed by the Department of the Army, establishes use of environmental assessments to help ensure compliance with all Federal, state, and local laws and Department of Defense (DOD), and Army regulations. In conducting this assessment, members of the assessing team have used and followed results of the research and protocol developed by the Environmental Division of the U.S. Army Construction Engineering Research Laboratory (USACERL) under an agreement with the U.S. Army Toxic and Hazardous Materials Agency (USATHAMA) Environmental Division. To the extent reasonably possible, the assessing team has sought to consider the existence and applicability of Federal, state and local regulatory authorities within available resources and the bounds of professional education of individual team members.

This assessment was conducted utilizing ECAS assessment protocols as modified for ECAAR dated September 1996. The purpose of this report is to outline an environmental compliance status, to identify environmental compliance problems for the Facility and RSC commanders, and to identify alternative corrective actions. This report is further intended to provide information for commanders to make an informed choice on appropriate corrective actions for each finding at the reserve center. Section 4 will be updated with corrective actions after review, action and coordination between the RSC commander and Facility manager.

This environmental compliance assessment has reviewed reserve center operations and activities and provides a snapshot in time of the reserve center's compliance posture. It does not guarantee that a regulator will not find other compliance deficiencies. Rather it provides a means to identify areas warranting attention and a means to correct them without the pressure of an inspection. ECAS is a proactive program, which reviews environmental protocols listed in Table 1-1 and helps identify the resources necessary to bring the installation into environmental compliance. Detachment E can and is willing to assist, depending on time availability, in developing the resource documents (RCS 1383 exhibits, DA Form 4283, and the front page of DD Forms 1391) to secure the resources required for correction of deficiencies.

Facility Assessment

1. The Reserve Facility center consists of one main building, located on Hwy 82 in Gordo, AL. The main building is a masonry structure with a metal roof. The facility has a small MEP parking area in the rear of the building. The unit does not conduct any maintenance activities at this facility. The MEP area is paved and is fenced. There is a small drainage issue due to the addition of an asphalt speed bump placed in the water flow channel at the entrance to the MEP.

2. In general the facility has an adequate environmental program. Training was being conducted at the installation, but it should be documented and reinforced by the 81st RSC. The bulk of the negative findings related to 81st RSC required paperwork/documentation and general housekeeping issues.

3. A total of nine ECAS findings were discovered during the external ECAS survey. There were four Class I Regulatory finding noted. There were a total of two class III management findings along with three safety and health findings. The most critical findings were concerning documentation of previous inspections, having MSDS sheets on file and submitting a list of HAZMAT to the local fire department.

BRYAN DRAKE
LTC, EN, USAR

INSTALLATION SCREEN

*FFID: AL022 Unit: 416th Replacement Company
*Installation Name: Gordo USAR
Installation Category: R
MACOM: USARC
MUSARC:
BASOPS ARCOM: 81ST
Support Installation:
Facility / Activity Type: 1) 2) 3) 4) 5)

EPA Region: 4
Congressional District:
Address: 25226 Hwy 82

City: Gordo
State: AL
Country: USA
Zip Code: 35466-2227
POC Ervin F. Webber
Phone Numbers 205-364-7171
Facility Manager Mr. Ervin Webber

ASSESSMENT SCREEN

*Fiscal Year: 2004 *Assessment Date: 07/22/04
*Assessment Type: E
*Manual Used: T

Manual Supplement Used: S

Local Manual (OCONUS: MACOM Specific Manual)
Date (MM/YYYY): /
Author:
Title:

State Manual (OCONUS: Country Specific Manual)
Date (MM/YYYY): 01/2000
Author:
State Postal Code or Country Code:

*Assessor Name: Detachment E Montgomery Team FEC-SE
Point of Contact: LTC Bryan Drake

Address: 3604 Point Clear Drive
City: Ocean Springs
State: MS
Zip Code: 39564
Phone: 228-669-7573

For Contract ECAS

Contract Number:
Delivery Order Number:
Contracting Office:

7/24/2004 ECAS AL022-001 - GORDO USARC USA
ECAS DETAILED COMPLIANCE REPORT
US ARMY RESERVES

FACILITY: GORDO USARC

TYPE: USARC (MB)
POINT OF CONTACT:
FACILITY NUMBER: AL022-001

REFERENCE: Huntsv2FET-001
DATE ASSESSED: 07/22/2004
PROTOCOL: Other Environmental Issues
TENANT: No
OWNERSHIP:

SUMMARY

H01: The facility is required by the 81st RSC to have copies of all Environmental Inspection reports for the past 3 yrs. This facility had none on file.

DETAILS:

The facility is required by the 81st RSC to have copies of all Environmental Inspection reports for the past 3 yrs. This facility had none on files.

REQUIREMENTS:

Federal facilities should comply with state and local regulations concerning program management.

REGULATORY CITATION:

(MP)

ECAS CODE: O5.003.01.TEAM

ROOT CAUSE: IP03 Review process to update existing plans, procedures, or systems is not established or is inadequate.

JUSTIFICATION:

Lack of local command emphasis on the environmental program at the center.

7/24/2004 ECAS AL022-001 - GORDO USARC USA
ECAS DETAILED COMPLIANCE REPORT
US ARMY RESERVES

FACILITY: GORDO USARC

TYPE: USARC (MB)
POINT OF CONTACT:
FACILITY NUMBER: AL022-001

REFERENCE: Huntsv2FET-001
DATE ASSESSED: 07/22/2004
PROTOCOL: Other Environmental Issues
TENANT: No
OWNERSHIP:

ENVIRONMENTAL THREAT: Unlikely **RATING:** Low

IMPACT ON READINESS: Unlikely

REOCCURRING ISSUE: No previous finding

REGULATORY ACTION: No regulatory NOV is likely

PREVIOUS FINDING: No **PREVIOUS REGULATORY ACTION:** No

EXPLAIN:

ESTIMATED COST: < $500

CORRECTIVE ACTION:
H01: The facility manager needs to work with the 81st office to get all reports and file in the environmental binder provided to every centers in the 81st RSC.

POLLUTION PREVENTION OPTIONS:

Date Contacted RSC: _____ **RSC POC:** _____

RSC Guidance: _____

Assessor: _____

ECAS DETAILED COMPLIANCE REPORT
US ARMY RESERVES

FACILITY: GORDO USARC

TYPE: USARC (MB)
POINT OF CONTACT:
FACILITY NUMBER: AL022-001

REFERENCE: Huntsv2FET-002
DATE ASSESSED: 07/22/2004
PROTOCOL: Hazardous Waste
TENANT: No
OWNERSHIP:

SUMMARY
SQG does not keep adequate hazardous waste records.

DETAILS:
The facility does not / has not generated any waste, however they need complete the 5-R report stating that they have none.

REQUIREMENTS:
SQGs of hazardous waste are required to use manifests and maintain associated records.

REGULATORY CITATION:
(40 CFR 262.20, 262.22, 262.23, 262.40(a), 262.40(d) 262.42(b), and 262.44) [Revised October 2001, Revised October 2002, Revised January 2003]

ECAS CODE: HW.020.04.TEAM

ROOT CAUSE: CM01 Environmental management is not aware of or has misinterpreted the regulations.

JUSTIFICATION:
Facility manager has not been trained in the 81st RSC Environmental program.

ECAS DETAILED COMPLIANCE REPORT
US ARMY RESERVES

FACILITY: GORDO USARC

TYPE: USARC (MB)
POINT OF CONTACT:
FACILITY NUMBER: AL022-001

REFERENCE: Huntsv2FET-002
DATE ASSESSED: 07/22/2004
PROTOCOL: Hazardous Waste
TENANT: No
OWNERSHIP:

ENVIRONMENTAL THREAT: Unlikely **RATING:** Low

IMPACT ON READINESS: Unlikely

REOCCURRING ISSUE: No previous finding

REGULATORY ACTION: No regulatory NOV is likely

PREVIOUS FINDING: No **PREVIOUS REGULATORY ACTION:** No

EXPLAIN:

ESTIMATED COST: < $500

CORRECTIVE ACTION:

H01: The facility manager needs to work with the 81st office to get all reports and file in the environmental binder provided to every centers in the 81st RSC.
Ensure that small quantity generator hazardous wastes is properly disposed of within 180 days after the accumulation start date (270 days if the disposal facility is over 200 miles away).
Ensure that small quantity generators (SQGs) use bills of lading and/or hazardous waste manifests and retain copies of these records for at least 3 years. Ensure that exception reports are filed with the regional USEPA administrator, as required. Maintain all records of test results and waste analyses for a period of 3 years.

POLLUTION PREVENTION OPTIONS:

Date Contacted RSC: _____ **RSC POC:** _____

RSC Guidance: _____

Assessor: _____

ECAS DETAILED COMPLIANCE REPORT
US ARMY RESERVES

FACILITY: GORDO USARC

TYPE: USARC (MB)
POINT OF CONTACT:
FACILITY NUMBER: AL022-001

REFERENCE: Huntsv2FET-003
DATE ASSESSED: 07/22/2004
PROTOCOL: Hazardous Material
TENANT: No
OWNERSHIP:

SUMMARY

H02: Unit needs to document all training of unit personnel.

DETAILS:

Facility manager is not aware of this requirement.

REQUIREMENTS:

A written hazard communication program is required that is designed to provide all employees with information about the hazardous chemicals to which they are exposed.

REGULATORY CITATION:

(29 CFR 1910.1200(b)(1) and 1910.1200(e)(1)) [Revised February 1995]

ECAS CODE: HM.010.01.TEAM

ROOT CAUSE: IP01 Environmental management plans or procedures are not in place or inadequate.

JUSTIFICATION:

Facility manager need to conduct train the trainer program.

ECAS DETAILED COMPLIANCE REPORT
US ARMY RESERVES

FACILITY: GORDO USARC

TYPE: USARC (MB)
POINT OF CONTACT:
FACILITY NUMBER: AL022-001

REFERENCE: Huntsv2FET-003
DATE ASSESSED: 07/22/2004
PROTOCOL: Hazardous Material
TENANT: No
OWNERSHIP:

ENVIRONMENTAL THREAT: Unlikely **RATING:** Low

IMPACT ON READINESS: Unlikely

REOCCURRING ISSUE: No previous finding

REGULATORY ACTION: No regulatory NOV is likely

PREVIOUS FINDING: No **PREVIOUS REGULATORY ACTION:** No

EXPLAIN:

ESTIMATED COST: < $500

CORRECTIVE ACTION:
H02: Facility manager needs to set up a local environmental training program.

POLLUTION PREVENTION OPTIONS:

Date Contacted RSC: _____ **RSC POC:** _____

RSC Guidance: _____

Assessor: _____

ECAS DETAILED COMPLIANCE REPORT
US ARMY RESERVES

FACILITY: GORDO USARC

TYPE: USARC (MB)
POINT OF CONTACT:
FACILITY NUMBER: AL022-001

REFERENCE: Huntsv2FET-004
DATE ASSESSED: 07/22/2004
PROTOCOL: Hazardous Material
TENANT: No
OWNERSHIP:

SUMMARY
H03: Facility manager needs to conduct semi-annually Haz-Mat inventory.

DETAILS:
Facility manager needs to conduct semi-annually Haz-Mat inventory.

REQUIREMENTS:
A written hazard communication program is required that is designed to provide all employees with information about the hazardous chemicals to which they are exposed.

REGULATORY CITATION:
(29 CFR 1910.1200(b)(1) and 1910.1200(e)(1)) [Revised February 1995]

ECAS CODE: HM.010.01.TEAM

ROOT CAUSE: TT01 General environmental awareness training is not conducted or is inadequate.

JUSTIFICATION:
Facility manager needs to conduct the semi-annual inventory.

ECAS DETAILED COMPLIANCE REPORT
US ARMY RESERVES

FACILITY: GORDO USARC	**REFERENCE:** Huntsv2FET-004
TYPE: USARC (MB)	**DATE ASSESSED:** 07/22/2004
POINT OF CONTACT:	**PROTOCOL:** Hazardous Material
FACILITY NUMBER: AL022-001	**TENANT:** No
	OWNERSHIP:

ENVIRONMENTAL THREAT: Unlikely **RATING:** Low

IMPACT ON READINESS: Unlikely

REOCCURRING ISSUE: No previous finding

REGULATORY ACTION: No regulatory NOV is likely

PREVIOUS FINDING: No **PREVIOUS REGULATORY ACTION:** No

EXPLAIN:

ESTIMATED COST: < $500

CORRECTIVE ACTION:

H01: The facility manager needs to work with the 81st office to get all reports and file in the environmental binder provided to every centers in the 81st RSC.

H02: Facility manager needs to set up a local environmental training program.

POLLUTION PREVENTION OPTIONS:

Date Contacted RSC: _____ **RSC POC:** _____

RSC Guidance: _____

Assessor: _____

ECAS DETAILED COMPLIANCE REPORT
US ARMY RESERVES

FACILITY: GORDO USARC	**REFERENCE:** Huntsv2FET-005
TYPE: USARC (MB)	**DATE ASSESSED:** 07/22/2004
POINT OF CONTACT:	**PROTOCOL:** Toxic Substances
FACILITY NUMBER: AL022-001	**TENANT:** No
	OWNERSHIP:

SUMMARY

H04: Installations/CW facilities are required to comply with state and local regulations concerning radon management

DETAILS:

Facility needs to conduct a radon test of the facility, the result of the test should be filed with the unit and the 81st RSC.

REQUIREMENTS:

[Absent from text, Jun 2000]

REGULATORY CITATION:

ECAS CODE: T3.003.01.TEAM

ROOT CAUSE: OO03 Compliance is dependent upon external entity action.

JUSTIFICATION:

The 81st RSC needs to support the facility in conducting the radon test.

7/24/2004 ECAS AL022-001 - GORDO USARC USA
ECAS DETAILED COMPLIANCE REPORT
US ARMY RESERVES

FACILITY: GORDO USARC

TYPE: USARC (MB)
POINT OF CONTACT:
FACILITY NUMBER: AL022-001

REFERENCE: Huntsv2FET-005
DATE ASSESSED: 07/22/2004
PROTOCOL: Toxic Substances
TENANT: No
OWNERSHIP:

ENVIRONMENTAL THREAT: Unlikely **RATING:** Low

IMPACT ON READINESS: Possible

REOCCURRING ISSUE: No previous finding

REGULATORY ACTION: No regulatory NOV is likely

PREVIOUS FINDING: No **PREVIOUS REGULATORY ACTION:** No

EXPLAIN:

ESTIMATED COST: $501 - $1,000

CORRECTIVE ACTION:
H03: Facility needs to work with 81st RSC to have the radon test conducted.

POLLUTION PREVENTION OPTIONS:

Date Contacted RSC: _____ **RSC POC:** _____

RSC Guidance: _____

Assessor: _____

ECAS DETAILED COMPLIANCE REPORT
US ARMY RESERVES

FACILITY: GORDO USARC	**REFERENCE:** Huntsv2FET-006
TYPE: USARC (MB)	**DATE ASSESSED:** 07/22/2004
POINT OF CONTACT:	**PROTOCOL:** Pesticide Management
FACILITY NUMBER: AL022-001	**TENANT:** No
	OWNERSHIP:

SUMMARY

H05: Facility needs to get a PCB letter from 81st RSC for the files.

DETAILS:

Facility needs to get a PCB letter from 81st RSC for the files.

REQUIREMENTS:

Certified applicators of restricted-use pesticides are required to keep application records.

REGULATORY CITATION:

(7 CFR 110.3) [Revised February 1995]

ECAS CODE: PM.010.02.TEAM

ROOT CAUSE: II02 Personnel ignore or are not held accountable for established environmental plans, policies or procedures.

JUSTIFICATION:

Facility manager needs to work with 81st RSC to get this letter.

ECAS DETAILED COMPLIANCE REPORT
US ARMY RESERVES

FACILITY: GORDO USARC

TYPE: USARC (MB)
POINT OF CONTACT:
FACILITY NUMBER: AL022-001

REFERENCE: Huntsv2FET-006
DATE ASSESSED: 07/22/2004
PROTOCOL: Pesticide Management
TENANT: No
OWNERSHIP:

ENVIRONMENTAL THREAT: Unlikely **RATING:** Low

IMPACT ON READINESS: Possible

REOCCURRING ISSUE: No previous finding

REGULATORY ACTION: No regulatory NOV is likely

PREVIOUS FINDING: No **PREVIOUS REGULATORY ACTION:** No

EXPLAIN:

ESTIMATED COST: < $500

CORRECTIVE ACTION:

H01: The facility manager needs to work with the 81st office to get all reports and file in the environmental binder provided to every centers in the 81st RSC.
H04: Facility needs to coordinate with 81st RSC to get this letter for the file.

POLLUTION PREVENTION OPTIONS:

Date Contacted RSC: _____ **RSC POC:** _____

RSC Guidance: _____

Assessor: _____

ECAS DETAILED COMPLIANCE REPORT
US ARMY RESERVES

FACILITY: GORDO USARC

TYPE: USARC (MB)
POINT OF CONTACT:
FACILITY NUMBER: AL022-001

REFERENCE: Huntsv2FET-007
DATE ASSESSED: 07/22/2004
PROTOCOL: Hazardous Material
TENANT: No
OWNERSHIP:

SUMMARY

Tier I (or Tier II) forms were not submitted to the emergency response commission and the fire department with jurisdiction for each hazardous chemical present in required threshold amounts.

DETAILS:

The unit needs to submit a inventory of the HM to the Fire Department.

REQUIREMENTS:

Facilities, that are required to prepare or have available a MSDS for a hazardous chemical under OSHA, are required to meet specific inventory reporting requirements for planning purposes.

REGULATORY CITATION:

EO 13148, Sec. 501; 40 CFR 370.20(a), 370.20(b), 370.20(d), 370.25, and 370.28 [Revised April 1999, Revised March 2001]

ECAS CODE: HM.030.02.TEAM

ROOT CAUSE: CM01 Environmental management is not aware of or has misinterpreted the regulations.

JUSTIFICATION:

Facility manager was not aware of the requirement.

ECAS DETAILED COMPLIANCE REPORT
US ARMY RESERVES

FACILITY: GORDO USARC

TYPE: USARC (MB)
POINT OF CONTACT:
FACILITY NUMBER: AL022-001

REFERENCE: Huntsv2FET-007
DATE ASSESSED: 07/22/2004
PROTOCOL: Hazardous Material
TENANT: No
OWNERSHIP:

ENVIRONMENTAL THREAT: Possible **RATING:** Medium

IMPACT ON READINESS: Possible

REOCCURRING ISSUE: No previous finding

REGULATORY ACTION: No regulatory NOV is likely

PREVIOUS FINDING: No **PREVIOUS REGULATORY ACTION:** No

EXPLAIN:

ESTIMATED COST: < $500

CORRECTIVE ACTION:
H05: Facility manager needs to submit the HM inventory to the local fire department.

POLLUTION PREVENTION OPTIONS:

Date Contacted RSC: _____ **RSC POC:** _____

RSC Guidance: _____

Assessor: _____

7/24/2004 ECAS AL022-001 - GORDO USARC USA
ECAS DETAILED COMPLIANCE REPORT
US ARMY RESERVES

FACILITY: GORDO USARC

TYPE: USARC (MB)
POINT OF CONTACT:
FACILITY NUMBER: AL022-001

REFERENCE: Huntsv2FET-008
DATE ASSESSED: 07/22/2004
PROTOCOL: Hazardous Material
TENANT: No
OWNERSHIP:

SUMMARY
No material safety data sheets (MSDS) are on file at the site.

DETAILS:
The facility did not have any MSDS on file or at the facility.

REQUIREMENTS:
A MSDS is required to be on file for each hazardous chemical stored and used.

REGULATORY CITATION:
29 CFR 1910.1200(b)(3)(ii), 1910.1200(b)(4)(ii), 1910.1200(b)(6), 1910.1200(g)(1), and 1910.1200(g)(8)

ECAS CODE: HM.001.02.TEAM

ROOT CAUSE: TT01 General environmental awareness training is not conducted or is inadequate.

JUSTIFICATION:
Unit needs to collect all MSDS for all products on the facility.

ECAS DETAILED COMPLIANCE REPORT
US ARMY RESERVES

FACILITY: GORDO USARC

TYPE: USARC (MB)
POINT OF CONTACT:
FACILITY NUMBER: AL022-001

REFERENCE: Huntsv2FET-008
DATE ASSESSED: 07/22/2004
PROTOCOL: Hazardous Material
TENANT: No
OWNERSHIP:

ENVIRONMENTAL THREAT: Possible **RATING:** Medium

IMPACT ON READINESS: Possible

REOCCURRING ISSUE: No previous finding

REGULATORY ACTION: No regulatory NOV is likely

PREVIOUS FINDING: No **PREVIOUS REGULATORY ACTION:** No

EXPLAIN:

ESTIMATED COST: < $500

CORRECTIVE ACTION:

H04: Facility needs to coordinate with 81st RSC to get this letter for the file.

H06: Facility needs to work with vendors to collect all the MSDS.

POLLUTION PREVENTION OPTIONS:

Date Contacted RSC: _____ **RSC POC:** _____

RSC Guidance: _____

Assessor: _____

ECAS DETAILED COMPLIANCE REPORT
US ARMY RESERVES

FACILITY: GORDO USARC

TYPE: USARC (MB)
POINT OF CONTACT:
FACILITY NUMBER: AL022-001

REFERENCE: Huntsv2FET-009
DATE ASSESSED: 07/22/2004
PROTOCOL: Hazardous Waste
TENANT: No
OWNERSHIP:

SUMMARY
Best management practices should be implemented for hazardous waste management.

DETAILS:
Facility dumpster did not have "No Haz Waste Solid Only"

REQUIREMENTS:
Facilities should promote best management practices in environmental efforts.

REGULATORY CITATION:
No Applicable Regulation

ECAS CODE: HW.000.01.TEAM

ROOT CAUSE: IP02 Environmental management plans or procedures are not properly implemented.

JUSTIFICATION:
Unit needs to continue the review of the existing program and implement all requirements.

ECAS DETAILED COMPLIANCE REPORT
US ARMY RESERVES

FACILITY: GORDO USARC

TYPE: USARC (MB)
POINT OF CONTACT:
FACILITY NUMBER: AL022-001

REFERENCE: Huntsv2FET-009
DATE ASSESSED: 07/22/2004
PROTOCOL: Hazardous Waste
TENANT: No
OWNERSHIP:

ENVIRONMENTAL THREAT: Possible **RATING:** Low

IMPACT ON READINESS: Unlikely

REOCCURRING ISSUE: No previous finding

REGULATORY ACTION: No regulatory NOV is likely

PREVIOUS FINDING: No **PREVIOUS REGULATORY ACTION:** No

EXPLAIN:

ESTIMATED COST: < $500

CORRECTIVE ACTION:
H07: Facility needs to work with 81st RSC to get the proper stickers for the dumpster.

POLLUTION PREVENTION OPTIONS:

Date Contacted RSC: _____ **RSC POC:** _____

RSC Guidance: _____

Assessor: _____

Assessment Summary Report

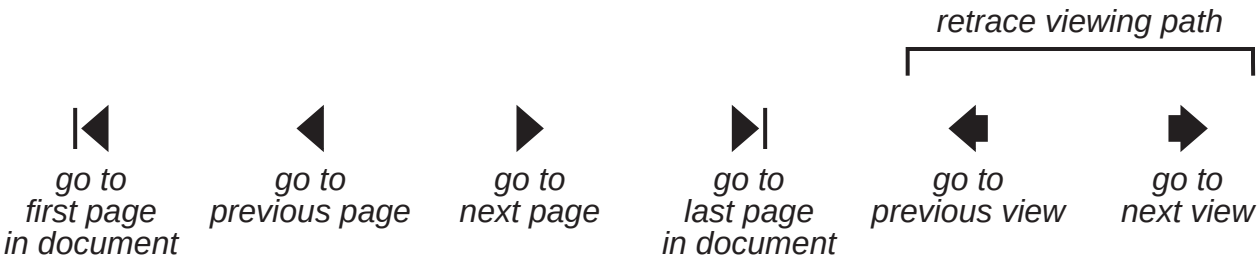
US ARMY RESERVES

GORDO USARC

Reference	Est Cost	Summary	Rating	Root Cause	Class	Reoccuring Issue	Regulatory Action
untsv2FET 001	< $500	H01: The facility is required by the 81st RSC to have copies of all Environmental Inspection reports for the past 3 yrs. This facility had none on file.	Low	IP03	MP	No	No
untsv2FET 002	< $500	SQG does not keep adequate hazardous waste records.	Low	CM01	Class I	No	No
untsv2FET 003	< $500	H02: Unit needs to document all training of unit personnel.	Low	IP01	S&H	No	No
untsv2FET 004	< $500	H03: Facility manager needs to conduct semi-annually Haz-Mat inventory.	Low	TT01	S&H	No	No
untsv2FET 005	$501 - $1,000	H04: Installations/CW facilities are required to comply with state and local regulations concerning radon management	Low	OO03	Class I	No	No
untsv2FET 006	< $500	H05: Facility needs to get a PCB letter from 81st RSC for the files.	Low	II02	Class I	No	No
untsv2FET 007	< $500	Tier I (or Tier II) forms were not submitted to the emergency response commission and the fire department with jurisdiction for each hazardous chemical present in required threshold amounts.	Medium	CM01	Class I	No	No
untsv2FET 008	< $500	No material safety data sheets (MSDS) are on file at the site.	Medium	TT01	S&H	No	No
untsv2FET 009	< $500	Best management practices should be implemented for hazardous waste management.	Low	IP02	MP	No	No

Navigation notes:

For easiest navigation, extensive use of "bookmarks" has been made. To view a given Section, simply click on the desired Section heading. A "+" sign indicates collapsed subheadings can be found by clicking on the "+". To re-collapse the heading, click on the "–" sign. Use the *Page Up* and *Page Down* keys to move to adjacent pages. You can also navigate by single-clicking the arrow buttons on the toolbar at the top of the Acrobat Reader window (see the diagrams below for an explanation).



Range Cleanup - AL022, 81st RSC

Gordo
U.S. Army Reserve Center

Gordo, Alabama

Project Report

Prepared for

U.S. Army Corps of Engineers
Louisville District
Environmental Engineering Branch
Contract No. DACA27-99-D-0021 • Delivery Order No. 0012

Prepared by

IT CORPORATION
312 Directors Drive
Knoxville, Tennessee 37923-4799

October 2002

PROJECT REPORT

RANGE CLEANUP – AL022, 81st RSC
GORDO U.S. ARMY RESERVE CENTER
GORDO, ALABAMA

Contract No. DACA 27-99-D-0021
Delivery Order No. 0012

Submitted to:

U.S. Army Corps of Engineers
Louisville District
Environmental Engineering Branch

Prepared by:

IT Corporation
312 Directors Drive
Knoxville, Tennessee 37923-4799

October 2002

Table of Contents

List of Tables

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List of Appendices

1.0 Introduction

This document presents the report for clearance activities at the 81st RSC facility located at 25226 Highway 82, Gordo, Alabama 35466 (Figure 1-1). The clearance activities were based on the Scope of Work (SOW) provided by the U.S. Army Corps of Engineers (USACE) Louisville District (CELRL) and a site inspection conducted on February 12, 2001.

1.1 Property/Project Identifiers

- Facility ID Number: AL022
- State: Alabama
- Facility Name: Gordo U.S. Army Reserve Center
- City: Gordo.

1.2 Site Description

1.2.1 Inspection Information

Mr. Bill Fenwick of IT Corporation inspected the range on February 12, 2001. The three-point range was located on the first floor of the facility. According to 81st RSC and facility personnel, the range was never used. The firing line and target retrieval system were not present, but the steel bullet trap remained in the room, which had been converted to storage with an extensive cage system.

1.2.2 Range Characteristics

1.2.2.1 Number of Firing Points

The range was constructed to have three firing points; however, the range was never used.

1.2.2.2 Bullet Trap Characteristics

The bullet trap was the steel escalator style.

1.2.2.3 Range Characteristics

The range, which was located on the first floor, was constructed of the following:

- Floor – concrete
- Walls – pegboard false wall behind the firing line, pressed wood fiber soundboard for the first 24 ft of the range, and painted concrete block for the remaining 61 ft of the range
- Ceiling – pressed wood fiber soundboard for the first 18 ft of the range and concrete for the remaining 67 ft of the range.

Other features included stored items in a cage system.

1.2.2.4 Suspect Asbestos Containing Materials (ACM) Inventory

No suspect ACM was known to be present.

1.2.2.5 Air Handling Systems Description

The range air handling system included an exhaust fan mounted on the wall behind the bullet trap.

1.3 Scope of Work

Because the range had never been used and had been converted to storage, the SOW was limited to collecting wipe samples to evaluate if the range met the project clearance requirements. The U.S. Army Reserve Command (USARC) recognized safety and health hazards from lead-dust in indoor rifle ranges; however, regulations supporting cleanup remedies dealt primarily with non-industrial standards. After reviewing information relative to cleaning methods and clearance sampling, the value of 200 micrograms per square foot (µg/sf) was derived as a value that would release the indoor ranges as a room that could be reoccupied as a non-lead work area. This value has also been selected by other federal agencies as acceptable.

2.0 Project Team

The project team involved with the cleanup activities included the following organizations and their representatives:

- Project Initiator – USARC
  Ken Coulter – Facility Support Branch, U.S. Army Reserve Engineer

- Client – 81st RSC

- Construction Manager – USACE, Louisville District
  Project Manager – Mark Ringenberg
  Contracting Officer's Representative – David Dierken

- Contractor – IT Corporation
  Project Manager – Bill Scoville
  Site Supervisor – Mark Wesney
  Site Safety Officer/Construction Quality Control Engineer – Mike Harrison

- Subcontractor
  Clearance Wipe Sample Analysis – Accura Analytical, Norcross, Georgia.

3.0 Project Activities

This section details the project activities performed at the 81st RSC facility located at 25226 Highway 82, Gordo, Alabama. Photographs of the former range area are included in Appendix A.

Removal of the bullet trap was not possible because storage cages were installed adjacent to the backstop. Thus, the project activities consisted of collecting clearance samples from horizontal surfaces to determine total lead content in the settled dust. Clearance dust sampling consisted of collecting single-surface dust wipe samples and analyzing them for lead content to determine whether lead concentrations exceeded clearance criteria of 200 µg/sf. A total of five dust wipe samples were collected by Mike Harrison, IT Corporation, on May 10, 2001, from the following locations shown on Figure 3-1:

- Near the firing line area (001DT)
- Midrange (002DT)
- Near the bullet trap (003DT)
- Behind the bullet trap (004DT and 005DT).

Figure 3-1 shows the locations where clearance samples were collected. Sampling procedures were in accordance with procedures in the project Work Plan. Specifically, lead-in-dust wipe samples were secured over a 1-sf area following an "S" pattern from side-to-side, folded in half, and wiped over the same area at a 90° angle to the first "S" pattern (top-to-bottom). Latex gloves were changed between sampling episodes. Samples were then returned to the vials, sealed, and labeled for transport to the laboratory. All lead-in-dust wipe samples were acid digested and analyzed by Accura Analytical, Norcross, Georgia, in accordance with U.S. Environmental Protection Agency (USEPA) Methods SW-846 3050B and 6010B.

Results of the wipe sample analyses are summarized in Table 3-1 and are detailed in the laboratory analytical report provided in Appendix B. The analytical results in Table 3-1 may be summarized as follows:

- All five samples were less than the clearance criterion of 200 µg/sf.
- The highest concentration (002DT, midrange) was 17 µg/sf.
- The results suggest that the room was not likely used as an active firing range.

Thus, based on these results, the clearance criterion of 200 µg/sf has been attained.

Via a letter dated May 22, 2001, the facility was notified that the clearance levels were attained and that the range could be reoccupied. A copy of the clearance certification letter is provided in Appendix C.

4.0 Conclusions

Clearance wipe samples collected from the indoor range at the Gordo U.S. Army Reserve Center, Gordo, Alabama, document that residual lead levels in the range concrete are below the clearance level of 200 µg/sf. At the completion of site operations for this activity, all planned objectives were met. Based on a review of the clearance wipe sample data, IT concludes that no further range cleanup is necessary for the Gordo facility. IT further certifies that the range is approved for reoccupancy. Range clearance procedures consisted of collecting clearance wipe samples from the floor surfaces and analyzing the samples for lead. No known or suspected lead dust surfaces are present in the range at levels that exceed the project clearance level of 200 µg/sf.

Please note that although the range is below the project clearance levels, small amounts of lead dust may be present in the range. The Occupational Safety and Health Administration (OSHA) Construction Industry Standard for Lead (29 CFR 1926.62) should be reviewed before any remodeling activities that may cause a release of dust on wall and floor surfaces are undertaken. The OSHA standard requires certain controls to reduce or maintain worker exposures less than the Permissible Exposure Limit (PEL) of 50 $\mu g/m^3$ of lead. The employer must protect the worker from lead.

TABLES

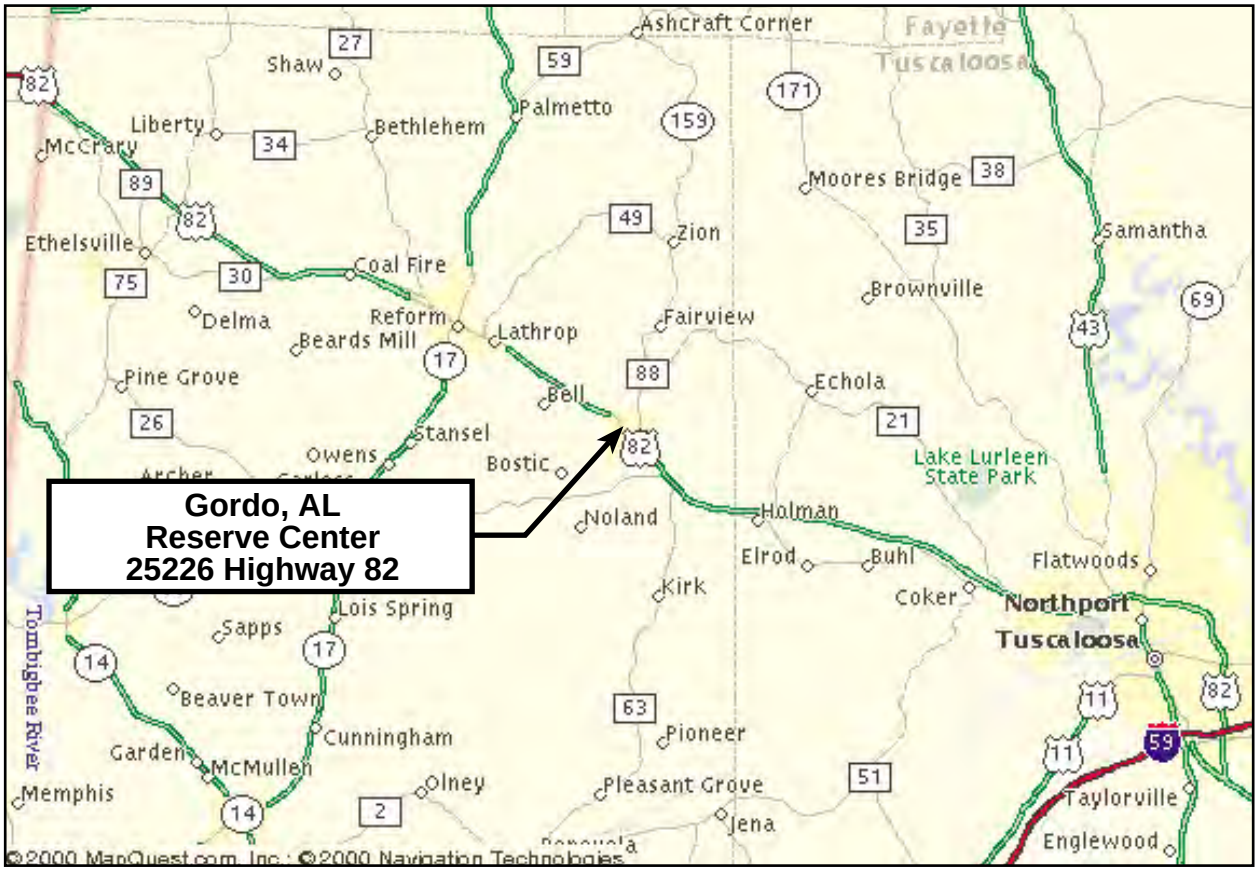
Table 3-1
Lead Wipe Clearance Sample Results (µg/sf)[1]
Gordo U.S. Army Reserve Center, AL022
Gordo, AL

Site/Date Code	81 ALGOR01MAY10		
Sampler	IT Corporation		
Location	Sample ID	Result2	Comment
Near the firing line area	001DT	**14**	
Midrange	002DT	**17**	
Near the bullet trap	003DT	**12**	
Behind the bullet trap	004DT	**7.1**	
Behind the bullet trap	005DT	**5.7**	

(1) = Results expressed in micrograms per square foot (µg/sf) of surface area.

(2) = Results in **bold** type are below the clearance level of 200 µg/sf .

FIGURES



Source Map: MapQuest.com, Inc.

N

Scale - Miles

0 1 2

ALABAMA

QUADRANGLE LOCATION

DRAWING NO. K-807744-0301-9/01-w

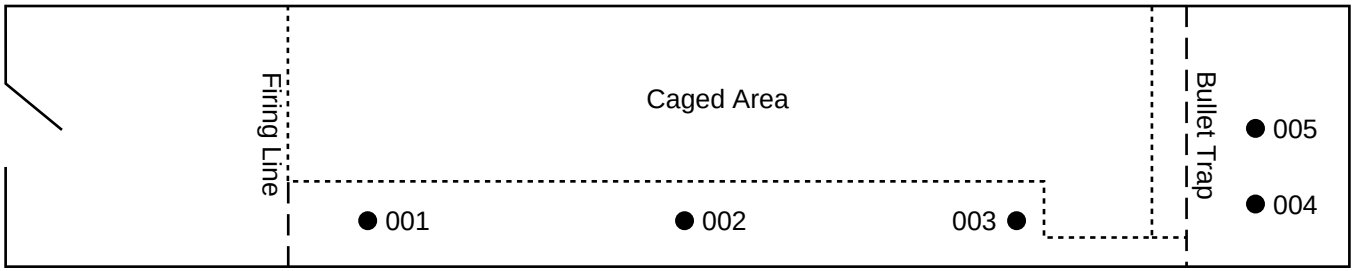
CHECKED BY APPROVED BY

KMS 9/20/01

DRAWING BY

IT CORPORATION

Figure 1-1.
Site Location Map.
Gordo, AL (AL022) Reserve Center.



Legend

● Sample Date 10 May 01

Scale - Feet

0 5 10 20

IT CORPORATION

Figure 3-1.
Clearance Wipe Sample Locations.
Gordo, AL (AL022) Reserve Center.

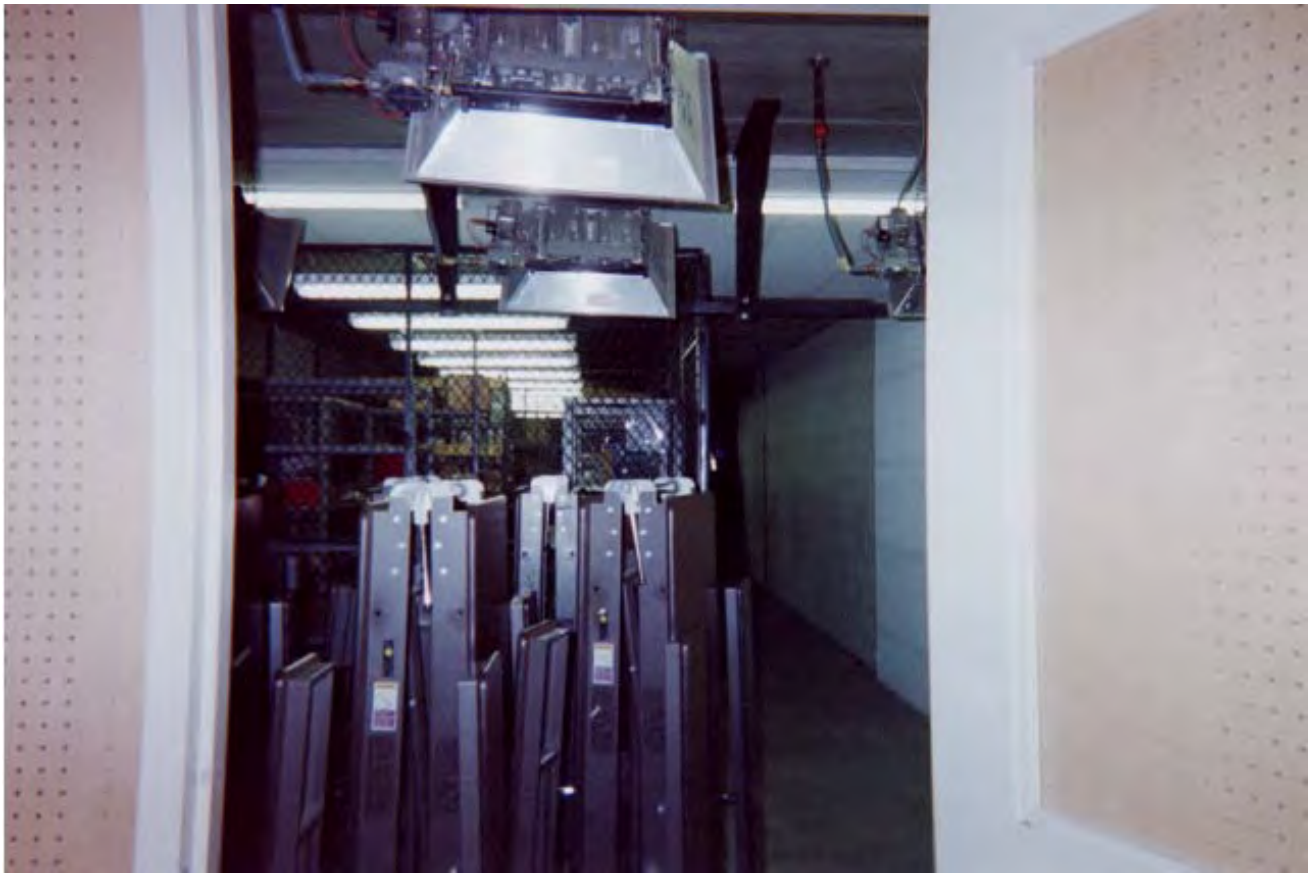
DRAWING BY	KMS 5/16/01	CHECKED BY APPROVED BY			DRAWING NO. K-807744-0399-5/01-w

APPENDIX A
Photographs

Gordo (AL022) Photo No. 1 – Caged storage area in former range area.

Gordo (AL022) Photo No. 2 – Former range area converted to storage with extensive cage system.

Gordo (AL022) Photo No. 3 – Entrance to former firing line area.



Gordo (AL022) Photo No. 4 – Gas radiant heaters near former firing line area.

Gordo (AL022) Photo No. 5 – Steel bullet trap.

Gordo (AL022) Photo No. 6 – Wall-mounted exhaust fan located behind the bullet trap area.

APPENDIX B
Clearance Samples Sampling Forms and Analytical Results, IT Corporation and Accura Analytical Laboratory May 2001

Figure 1
Visual Clearance Form

Installation Gordo USARC Army POC SGT. Hunter
Building Address or Location Gordo, AL
Range Unit No. AL 022

Date Cleanup Completed NA Time Cleanup Completed NA Date and Time Inspection Initiated ~~AM~~ 5/10/01

Lead Hazard Control Contractor name NA
Address
Telephone No.

Location within Range	Work Completed? (yes/no)	Visible Dust Seen? (yes/no)	More Work Required? (yes/no)	Comments
Firing Line Floor	NA	NO	NO	
Floor between Firing Line and Bullet Trap	↓	↓	↓	
Bullet Trap Floor	↓	↓	↓	
Ceiling	↓	↓	↓	
Sidewalls	↓	↓	↓	
Front Wall	↓	↓	↓	
Back Wall	↓	↓	↓	
Ventilation System	↓	↓	↓	

Does range venting discharge to soil? ___ Yes X No
Was contaminated soil removed? ___ Yes X No
Is additional soil treatment required? ___ Yes X No

Other Comments:

Name of Clearance Examiner (print) Mike Harrison
Certification Title and License Number NA
(EPA, State, or both, if applicable)

Signature: [signature] Date 5/8/02

Figure 2
Dust Sampling Form

Installation Gordo USAFRC Army POC SGT Hunter
Building Address or Location Gordo, AL
Range Unit No. AL 022

Date Cleanup Completed NA Time Cleanup Completed NA Date and Time Sampling Initiated 5/10/01

Clearance Categories:

1. Interior treatment without containment
2. Interior treatment with containment
3. Exterior work (including soil)
4. Routine Maintenance

Sample No.	Sample Location	Clearance Category No.	Sample Area Dimensions	Sample Area (ft^2)	Lab Results ($\mu g/ft^2$)	Pass or Fail
001	Near Firing Line	1	12" x 12"	1 Sf	14	P
002	Midrange	1	↓	↓	17	↓
003	Near Bullet trap	1	↓	↓	12	↓
004	Behind Bullet trap	1	↓	↓	7.1	↓
005	Behind Bullet trap	1	↓	↓	5.7	↓

Comments _____

Date of Sample Collection 5/10/01 Date Shipped to Lab _____

(Attach a Copy of the Chain of Custody to this Form)

Name of Lab and Phone No. Accura
Name of Clearance Examiner (print) Mike Harrison
Certification Title and License Number NA
(EPA, State, or both, if applicable)

Signature: _____ Date 5/8/02

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

CASE NARRATIVE for Project Number: 27862
Client Project: Gordo, AL / 823889

No problems were encountered with this project.

Quality Assurance Officer
Camden L. Robinson

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 #: AC13272 **Accura Project #:** 27862

Client: IT Corporation - Cincinnati Date Sampled: 5/10/01

Client Contact: BILL SCOVILLE Date Received: 5/14/01

Client Project Number: 823889 Date Reported: 5/17/01

Client Project Name: GORDO, AL Sample Matrix: WIPE

Client Sample ID: **81ALGOR01MAY10001DT**

ANALYSIS: **Lead in Wipes** Method Ref: 3050B/6010B

Date Ext/Dig/Prep: 5/14/01 Date Analyzed: 5/14/01 Result Units: mg/Wipe

Analyte Name	Analytical Results	Qualifier	Reported Detection Limits
Lead	0.014		0.0050

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

LABORATORY REPORT

Accura Sample ID #: **AC13273** **Accura Project #:** **27862**

Client: **IT Corporation - Cincinnati** Date Sampled: 5/10/01

Client Contact: BILL SCOVILLE Date Received: 5/14/01

Client Project Number: 823889 Date Reported: 5/17/01

Client Project Name: GORDO, AL Sample Matrix: WIPE

Client Sample ID: **81ALGOR01MAY10002DT**

ANALYSIS: **Lead in Wipes** Method Ref: 3050B/6010B

Date Ext/Dig/Prep: 5/14/01 Date Analyzed: 5/14/01 Result Units: mg/Wipe

Analyte Name	Analytical Results	Qualifier	Reported Detection Limits
Lead	0.017		0.0050

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

LABORATORY REPORT

Accura Sample ID #: AC13274 **Accura Project #:** 27862

Client: IT Corporation - Cincinnati Date Sampled: 5/10/01

Client Contact: BILL SCOVILLE Date Received: 5/14/01

Client Project Number: 823889 Date Reported: 5/17/01

Client Project Name: GORDO, AL Sample Matrix: WIPE

Client Sample ID: 81ALGOR01MAY10003DT

ANALYSIS: Lead in Wipes Method Ref: 3050B/6010B

Date Ext/Dig/Prep: 5/14/01 Date Analyzed: 5/14/01 Result Units: mg/Wipe

Analyte Name	Analytical Results	Qualifier	Reported Detection Limits
Lead	0.012		0.0050

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

LABORATORY REPORT

Accura Sample ID #: **AC13275** **Accura Project #:** **27862**

Client: **IT Corporation - Cincinnati** Date Sampled: 5/10/01

Client Contact: BILL SCOVILLE Date Received: 5/14/01

Client Project Number: 823889 Date Reported: 5/17/01

Client Project Name: GORDO, AL Sample Matrix: WIPE

Client Sample ID: **81ALGOR01MAY10004DT**

ANALYSIS: **Lead in Wipes** Method Ref: 3050B/6010B

Date Ext/Dig/Prep: 5/14/01 Date Analyzed: 5/14/01 Result Units: mg/Wipe

Analyte Name	Analytical Results	Qualifier	Reported Detection Limits
Lead	0.0071		0.0050

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

LABORATORY REPORT

Accura Sample ID #: AC13276 **Accura Project #:** 27862

Client: IT Corporation - Cincinnati Date Sampled: 5/10/01

Client Contact: BILL SCOVILLE Date Received: 5/14/01

Client Project Number: 823889 Date Reported: 5/17/01

Client Project Name: GORDO, AL Sample Matrix: WIPE

Client Sample ID: 81ALGOR01MAY10005DT

ANALYSIS: **Lead in Wipes** Method Ref: 3050B/6010B

Date Ext/Dig/Prep: 5/14/01 Date Analyzed: 5/14/01 Result Units: mg/Wipe

Analyte Name	Analytical Results	Qualifier	Reported Detection Limits
Lead	0.0057		0.0050

AAL # A1864 [illegible] 10 C

the IT group

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 561709

Page 1 of 1

Project Name/No. 1 Gordo AI 823889

Sample Team Members 2 M. Harrison

Profit Center No. 3 5571001

Project Manager 4 Bill Scoville

Purchase Order No. 6 823889

Required Report Date 11 5/16/01

Samples Shipment Date 7 5/11/01

Lab Destination 8 Accura

Lab Contact 9 Trinidad

Project Contact/Phone 12 Bill Scoville 513-782-4964

Carrier/Waybill No. 13 FedEx

Bill to: 5 IT Corp 312 Directors Dr Knoxville TN. 37923 Attn. Accounts Payable

Report to: 10 IT Corp 11499 Chester Rd. Cincinnati OH 45246 Attn. Bill Scoville

White: To accompany samples Yellow: Field copy

ONE CONTAINER PER LINE

Sample Number 14	Sample Description/Type 15	Date/Time Collected 16	Container Type 17	Sample Volume 18	Pre-servative 19	Requested Testing Program 20	Condition on Receipt 21	Disposal Record No. 22
81ALGoro1may10	001 DT Wipe	5/10/01 1100	Poly	Wipe	NA	Lead EPA 6010	FOR LAB USE ONLY	AC13272
81ALGoro1may10	002 DT Wipe	5/10/01 1100	Poly	Wipe	NA	Lead EPA 6010		73
81ALGoro1may10	003 DT Wipe	5/10/01 1100	Poly	Wipe	NA	Lead EPA 6010		74
81ALGoro1may10	004 DT Wipe	5/10/01 1100	Poly	Wipe	NA	Lead EPA 6010		75
81ALGoro1may10	005 DT Wipe	5/10/01 1100	Poly	Wipe	NA	Lead EPA 6010		76
							FOR LAB USE ONLY	

Special Instructions: 23

Possible Hazard Identification: 24
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal: 25
Return to Client ☐ Disposal by Lab ☒ Archive ______ (mos.)

Turnaround Time Required: 26
Normal ☐ Rush ☒ 48 hr

QC Level: 27
I. ☐ II. ☐ III. ☐ Project Specific (specify): ______

1. Relinquished by 28 (Signature/Affiliation) Mike Harrison	Date: Time:	1. Received by 28 (Signature/Affiliation) [signature] IT	Date: 5/11/01 Time: 1000
2. Relinquished by (Signature/Affiliation) [signature]	Date: 5/11/01 Time: 1200	2. Received by (Signature/Affiliation) FedEx	Date: Time:
3. Relinquished by (Signature/Affiliation) FedEx	Date: 05 14 01 Time: 10 AM	3. Received by (Signature/Affiliation) [signature]	Date: 05-14-01 Time: 10 AM

Comments: 29 Mail Data to Bill Scoville

*See back of form for special instructions.

MCA 3/15/91

THE AMERICAN
ASSOCIATION
FOR LABORATORY
ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

ACCURA ANALYTICAL LABORATORY, INC.

Norcross, GA

for technical competence in the field of

Environmental Testing

The accreditation covers the specific tests and types of tests listed on the agreed scope of accreditation. This laboratory meets the requirements of ISO/IEC Guide 25-1990 "General Requirements for the Competence of Calibration and Testing Laboratories" (equivalent to relevant requirements of the ISO 9000 series of standards) and any additional program requirements in the identified field of testing.

Presented this 14th day of September, 2000.

President
For the Accreditation Council
Certificate Number 1385.01
Valid to 06/30/2002

For tests or types of tests to which this accreditation applies, please refer to the laboratory's Environmental Scope of Accreditation.

American Association for Laboratory Accreditation

SCOPE OF ACCREDITATION TO ISO/IEC GUIDE 25-1990

ACCURA ANALYTICAL LABORATORIES, INC.
6017 Financial Drive
Norcross, GA 30071-2925
Linda Dahlgren Phone: 770 449 8800

ENVIRONMENTAL

Valid To: July 31, 2002 Certificate Number: 1365.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and in the analyte categories identified below:

Testing Technologies

Atomic Absorption ICP-AES Spectroscopy, Gas Chromatography, Gas Chromatography/Mass Spectrometry, Gravimetry, Inductively Coupled Atomic Emission Spectroscopy, Ignitability, Miscellaneous Electronic Probes: (pH, F), Oxygen Demand, Radiochemistry, Reactivity, TCLP, Titrimetry, Turbidity

Potable Water:	metals, radiochemistry
Nonpotable Water:	metals, nutrients, demands, classical (wet) chemistry, microbiology, purgeable organics, extractable organics, pesticides-herbicides-PCBs, radiochemistry
Solid/Hazardous Waste:	metals, nutrients, demands, classical (wet) chemistry, microbiology, purgeable organics, extractable organics, pesticides-herbicides-PCBs, radiochemistry, hazardous waste characteristics: (Conductivity, Ignitability, Paint filter liquids test, Reactivity and TCLP)

A supplemental scope, identifying the full range of tests and types of tests, is available from A2LA or the laboratory.

American Association for Laboratory Accreditation

SUPPLEMENT TO SCOPE OF ACCREDITATION
TO ISO/IEC GUIDE 25-1990

ACCURA ANALYTICAL LABORATORIES, INC.
6017 Financial Drive
Norcross, GA 30071-2925
Linda Dahlgren Phone: 770 449 8800

ENVIRONMENTAL

Valid as of: September 14, 2000 Certificate Number: 1365.01
Valid until: July 31, 2002

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform recognized EPA methods for the following determinations:

Potable Water

Metals: Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, Tl, Sn, V, Zn

per EPA test method 200.7

Radiochemistry: Gross alpha, alpha counting error, Gross beta, beta counting error,

per EPA test method SW 900.0

Nonpotable Water

Metals: Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, Sn, V, Zn

per EPA test methods 200.7; SW-846-3010A, 3020A, 6010B, 7470A

Nutrients: Orthophosphate (as P), Total phosphorus

per EPA test methods 365.2

Demands: Biochemical oxygen demand, Chemical oxygen demand

per EPA test method 405.1
per Standard Methods (18th Edition) 5210B, 5220D

Classical Chemistry: Alkalinity, Chloride, Cl (residual), Cyanide, Cyanide amenable to chlorination,

5301 Buckeystown Pike, Suite 350 • Frederick, MD 21704-8373 • Phone: 301-644 3248 • Fax: 301-662 2974

Fluoride, Hardness, pH, Oil and grease, Phenols, Total residue, Filterable residue, Nonfilterable residue, Settleable residue, Volatile residue, Specific conductance, Sulfate, Sulfide, Sulfite, Surfactants, Temperature, Turbidity, Corrosivity-calc.carb. stability

per EPA test methods 160.1, 160.2, 160.3, 160.4, 180.1, 310.1, 325.3, 330.5, 340.1, 376.1, 413.1, 413.2; SW 6010B, 9010, 9014, 9038, 9040B, 9041A, 9050A, 9065

Microbiology: Fecal coliform

per Standard Methods (18th Edition) 9222D

Purgeable Organics: Acetone, Acetonitrile, Acrolein, Acrylonitrile, Benzene, Bromodichloromethane, Bromoform, Bromomethane, 2-Butanone, n-Butylbenzene, sec-Butylbenzene, tert-Butylbenzene, Carbon disulfide, Carbon tetrachloride, Chlorobenzene, 2-Chloroethylvinyl ether, Chloroform, Chloroethane, Dibromochloromethane, 1,2-Dibromo-3-chloropropane (DBCP), Dibromomethane, 1,2-Dibromoethane (EDB), 1,4-Dichloro-2-butane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene, Ethyl methacrylate, GRO, 2-Hexanone, Hexachlorobutadiene, Isopropylbenzene, Iodomethane, MTBE, Methylene Chloride, 4-Methyl-2-pentanone, Naphthalene, n-propylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, Tetrachloroethene, Toluene, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, Xylene total

per EPA test method SW 5030B, 8015B, 8021, 8260B

Extractable Organics: Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzidine, Benzoic acid, Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(ghi)perylene, Benzo(a)pyrene, Benzyl alcohol, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Bis(2-ethylhexyl)phthalate, 4-Bromophenylphenyl ether, Butyl benzyl phthalate, 4-Chloroaniline, 4-Chloro-3-methylphenol, 2-Chloronaphthalene, 2-Chlorophenol, 4-Chlorophenylphenyl ether, Chrysene, Cresols (methyl phenols), Dibenzo(a,h)anthracene, Dibenzofuran, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 3,3'-Dichlorobenzidine, 2,4-Dichlorophenol, Diethylphthalate, 2,4-Dimethylphenol, Dimethylphthalate, Di-n-butylphthalate, Di-n-octylphthalate, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, DRO, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane, Indeno(1,2,3-cd)pyrene, Isophorone, 2-Methylnaphthalene, 2-Methylphenol, 4-Methylphenol, Naphthalene, 2-Nitroaniline, 3-Nitroaniline, 4-Nitroaniline, Nitrobenzene, 2-Nitrophenol, 4-Nitrophenol, N-Nitrosodimethylamine, N-Nitrosodi-n-propylamine, N-Nitrosodiphenylamine, Pentachlorophenol, Phenanthrene, Phenol, Pyrene, 1,2,4-Trichlorobenzene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol

per EPA test method SW 3510C, 3520C, 8015B, 8270C

Pesticides-herbicides-PCBs: Aldrin, alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane), Chlordane (technical), 2,4-D, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I (alpha), Endosulfan II (beta), Endosulfan sulfate, Endrin, Endrin aldehyde, Endrin ketone, Heptachlor, Heptachlor epoxide, Methoxychlor, PCB-1016 (Aroclor), PCB-1221, PCB-1232, PCB-1242, PCB-1248, PCB-1254, PCB-1260, 2,4,5,-T, 2,4,5-TP (Silvex), Toxaphene, Salapon, Dicamba, MCPP, MCPA, Dichloroprop, 2,4-Db, Dinoseb, alpha-chlordane, gamma-chlordane

per EPA test methods SW 3510C, 3520C, 8081A, 8151A, 8082

Radiochemistry: Gross alpha, alpha counting error, Gross beta, beta counting error

per EPA test method 900.0 SW 9310,
per Standard Methods (18th Edition) 7110

Solid Waste/Hazardous Waste

Metals: Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Ni, K, Se, Ag, Na, Tl, Sn, V, Zn

per EPA test method SW-846-3010A, 3020A, 3050B, 6010B, 7470A, 7471A

Nutrients: Orthophosphate (as P), Total phosphorus

per EPA test methods 365.2

Demands: Biochemical oxygen demand, Chemical oxygen demand

per EPA test method 405.1
per Standard Methods (18th Edition) 5210B, 5220D

Classical Chemistry: Alkalinity, Chloride, Cl (residual), Cyanide, Cyanide amenable to chlorination, Fluoride, Hardness, pH, Oil and grease, Phenols, Total residue, Filterable residue, Nonfilterable residue, Settleable residue, Volatile residue, Specific conductance, Sulfate, Sulfide, Sulfite, Surfactants, Temperature, Turbidity, Corrosivity-calc.carb. stability

per EPA test methods 160.1, 160.2, 160.3, 160.4, 180.1, 310.1, 325.3, 330.5, 340.1, 376.1, 413.1, 413.2; SW 6010B, 9010B, 9014, 9038, 9040B, 9041A, 9050A, 9065

Microbiology: Fecal coliform

per Standard Method (18th Edition) 9222D

Purgeable Organics: Acetone, Acetonitrile, Acrolein, Acrylonitrile, Benzene, Bromodichloromethane, Bromoform, Bromomethane, 2-Butanone, n-Butylbenzene, sec-Butylbenzene, tert-Butylbenzene, Carbon disulfide, Carbon tetrachloride, Chlorobenzene, 2-Chloroethylvinyl ether, Chloroform, Chloromethane, Dibromochloromethane, 1,2-Dibromo-3-chloropropane (DBCP), Dibromomethane, 1,2-Dibromoethane (EDB), 1,4-Dichloro-2-butane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene, Ethyl methacrylate, GRO, 2-Hexanone, Hexachlorobutadiene, Isopropylbenzene, Iodomethane, MTBE, Methylene Chloride, 4-Methyl-2-pentanone, Naphthalene, n-propylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, Tetrachloroethene, Toluene, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Trichloroethene, Trichlorofluoromethane, 2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl acetate, Vinyl chloride, Xylene total

per EPA test method SW-846-5030B, 5035, 8015B, 8021, 8260B

Extractable Organics: Acenaphthene, Acenaphthylene, Aniline, Anthracene, Benzidine, Benzoic acid, Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(ghi)perylene, Benzo(a)pyrene, Benzyl alcohol, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Bis(2-ethylhexyl)phthalate, 4-Bromophenylphenyl ether, Butyl benzyl phthalate, 4-Chloroaniline, 4-Chloro-3-methylphenol, 2-Chloronaphthalene, 2-Chlorophenol, 4-Chlorophenylphenyl ether, Chrysene, Cresols (methyl phenols), Dibenzo(a,h)anthracene, Dibenzofuran, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 3,3'-Dichlorobenzidine, 2,4-Dichlorophenol, Diethylphthalate, 2,4-Dimethylphenol, Dimethylphthalate, Di-n-butylphthalate, Di-n-octylphthalate, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane, Indeno(1,2,3-cd)pyrene, Isophorone, 2-Methylnaphthalene, 2-Methylphenol, 4-Methylphenol, Naphthalene, 2-Nitroaniline, 3-Nitroaniline, 4-Nitroaniline, Nitrobenzene, 2-Nitrophenol, 4-Nitrophenol, N-Nitrosodimethylamine, N-Nitrosodi-n-propylamine, N-Nitrosodiphenylamine, Pentachlorophenol, Phenanthrene, Phenol, Pyrene, 1,2,4-Trichlorobenzene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, DRO

per EPA test method SW-846-3510C, 3520C, 3545, 3550B, 8015B, 8270C

Pesticides-herbicides-PCBs: Aldrin, alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane), Chlordane (technical), 2,4-D, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I (alpha), Endosulfan II (beta), Endosulfan sulfate, Endrin, Endrin aldehyde, Endrin ketone, Heptachlor, Heptachlor epoxide, Methoxychlor, PCB-1016 (Aroclor), PCB-1221, PCB-1232, PCB-1242, PCB-1248, PCB-1254, PCB-1260, 2,4,5,-T, 2,4,5-TP (Silvex), Toxaphene, Salapon, Dicamba, MCPP, MCPA, Dichloroprop, 2,4-DB, Dinoseb, alpha-Chlordane, gamma-Chlordane

per EPA test methods SW-846 3510C, 3520C, 3545, 3550B, 8081A, 8151A, 8082

Radiochemistry: Gross alpha, alpha counting error, Gross beta, beta counting error,

per EPA test method SW 9310
per Standard Methods (18th Edition) 7110

Hazardous Waste Characteristics: Conductivity, Ignitability, Paint Filter Liquids Test, Reactivity, TCLP

per EPA test methods SW (Ch. 7.3), 9050A, 9095A, 1010, 1311

American Association for Laboratory Accreditation

Laboratory Reference to A2LA Accredited Status – A2LA Advertising Policy
(Adopted by the A2LA Board of Directors on 05/23/00.)
Effective as of June 1, 2000.

A2LA-accredited laboratories are strongly recommended to use the "A2LA-accredited" logo to demonstrate their third party recognition of technical competence. "A2LA-accredited" logo sheets are sent to all accredited laboratories, and an electronic version is available upon request.

However, since A2LA laboratory accreditations are issued in a number of fields of testing and calibration, it is the ethical responsibility of accredited laboratories to describe their accredited status in a manner that does not imply accreditation in areas that are outside their actual scope of accreditation or for other testing/calibration facilities not covered under the present accreditation. This may be accomplished through adherence to the following:

1. Where the A2LA name and/or logo is used on general literature such as letterhead and advertisements, it shall always be accompanied by at least the word "accredited".

2. While there are no restrictions on the size and color of the "A2LA-accredited" logo reproduction, the logo must maintain its form.

3. The "A2LA-accredited" logo may be generated electronically provided that the prescribed formats and forms are retained.

4. When promoting or providing proof of accreditation, accredited laboratories should use the scope(s) of accreditation, as this document details the specific tests or calibrations which are accredited. The certificate should be used for display purposes and may also accompany the scope.

5. Where the "A2LA-accredited" logo is used to endorse test or calibration results, it shall always be accompanied by the A2LA certificate number(s). The following conditions also apply:

   a) The "A2LA-accredited" logo may be displayed on all calibration certificates, test certificates, and test reports which contain exclusively results from calibrations and test that have been carried out within the accredited scope of the laboratory concerned.

   b) Non-accredited results may be reported on calibration certificates, test certificates and test reports with the A2LA logo provided these results are unambiguously identified as non-accredited. This may be done by placing an asterisk after each such result, along with a footnote stating: "This is not covered by our current A2LA accreditation".

   c) On reports where results are reported within the field where accreditation exists but in a technology that is not included in the scope, they must be so indicated. (For example, if a laboratory is accredited in the Environmental Field for only wet chemistry and metals, any gas chromatographic data reported would need to be identified as non-accredited.)

   d) As of May 1, 1999, the calibration certificates issued by A2LA-accredited laboratories shall reference, at a minimum, the A2LA name (or logo) and the accreditation certificate number when the calibrations contained in the report are covered under the A2LA-accreditation. Refer to the A2LA Calibration Accreditation Policy.

5301 Buckeystown Pike, Suite 350 • Frederick, MD 21704-8373 • Phone: 301-644 3248 • Fax: 301-662 2974

APPENDIX C
Clearance Certification Letter

IT Corporation
11499 Chester Road
Cincinnati, OH 45246-4012
Tel. 513.782.4700
Fax. 513.782.4807

A Member of The IT Group

the IT group

May 22, 2001

Claude Carter
Facility Manager
Gordo US Army Reserve Center
25226 Hwy 82
Gordo, Alabama 35466

RE: Range Cleaning Clearance Certification
USARC Nationwide Indoor Rifle Range Cleanup Project
Contract No. DACA 27-99-D-0021, Delivery Order No. 5

Dear Mr. Claude Carter:

With this letter, IT Corporation certifies that the recent range cleaning activities have successfully attained the project clearance objectives and the range is approved for your reoccupancy. Range clearance procedures consisted of the following:

- A surface-by-surface visual examination to verify that:
  - The lead hazard control work was completed as required
  - No known or suspected lead-dust surfaces are still present in the range at levels that exceed the project clearance level of 200 µg/sf.
- Clearance sampling consisting of collecting wipe samples from the floor surfaces and analyzing the samples for lead.

A formal project report for the range cleanup will be submitted upon completion of all waste disposal activities and receipt of disposal certificates.

Please note that although the range has been cleaned to below the project clearance levels, small amounts of lead dust may be present in the range. Any remodeling activities that may cause a release of dust on wall and floor surfaces should be undertaken in consideration of the Occupational Safety and Health Administration (OSHA) Construction Industry Standard for Lead (29 CFR 1926.62). This OSHA standard should be reviewed before any remodeling activities are conducted. The OSHA standard requires certain controls to reduce or maintain worker exposures less than the Permissible Exposure Limit (PEL) of 50 µg of lead per cubic meter (m^3). The employer must protect the worker from lead.

We appreciated your cooperation and support during the range cleanup. Should you have any questions, please contact the undersigned at (513) 782-4700.

Sincerely,

IT CORPORATION

William H. Scoville, P.E.
Project Manager

cc: David Dierken, U.S. Army Corps of Engineers, Louisville District
Steven Francis, 81st RSC Environmental Coordinator

81st RSC Environmental Review of DPW Proposed Projects

PROJECT NUMBER: AL022K012K
DESCRIPTION OF WORK (Section 10.0 Work Plan from SOW): Replace Boiler Circulation Pump

HISTORICAL INFORMATION	Yes	No
Are there any known controversial environmental issues currently associated with the facility? If yes, explain.		X
Are there any environmentally sensitive areas (wetlands, floodplains, coastal zones) on or adjacent to the facility? If yes, explain.		X

ENVIRONMENTAL IMPACT ANALYSIS

AIR	Yes	No	NA
Is the facility in a non-attainment or maintenance area?		X	
Air emissions permit, registration, license, etc. will be required? If yes, explain and include mitigation measures.		X	
Objectionable odors, smoke, dust suspended particles or noxious gases will be released? If yes, explain and include mitigation measures.		X	

TRAFFIC	Yes	No	NA
Substantial generation or increase in vehicular traffic? (Greater than 620 per day)		X	
Increased traffic hazards to motor vehicles, bicyclists or pedestrians?		X	

NOISE	Yes	No	NA
Increased noise levels from the existing operation?		X	
Night (10 pm – 7 am) activities will be involved?		X	
Is the facility located close to any civilian activity where noise might affect the population? (Residence, church, school, hospital, library, wilderness area)		X	

GEOLOGIC/EARTH	Yes	No	NA
Does the proposed project involve ground disturbance?		X	
Number of acres to be disturbed? (REC required if > 1.0 cumulative acres for SW; 5.0 new construction)			X
Substantial increase in wind or water erosion of soils?		X	

WASTE	Yes	No	NA
Will the proposed project generate hazardous wastes, including asbestos and lead based paint containing material that must be disposed of on or off site? **No asbestos found in 2002 survey.**		X	
Acquisition, use or storage of any toxic or hazardous substances, including insecticides, fungicides, rodenticides or herbicides?		X	
Use, disturbance or disposal of PCBs and/or mercury?		X	

WATER	Yes	No	NA
Will there be a change to the currents, course, or direction of water movements in marine or fresh waters?		X	
Discharge of sediments, liquids or solid wastes into surface waters, or alter the surface water quality?		X	
Is there a potential to accidentally spill hazardous or toxic materials in or near a body of water?		X	
Is there a need for an SPCCP? (Yes if POL in excess of 1320 gallons will be stored during or after the proposed project)		X	

81st RSC Environmental Review of DPW Proposed Projects

Will the proposed project construct facilities within floodplains, wetlands or coastal zone?		X	
Does the proposed project require an NPDES storm water or wastewater discharge permit?		X	
Does the proposed project involve the construction of a water or wastewater treatment system (OWS, grease trap)?		X	

CULTURAL RESOURCES	Yes	No	NA
Is the facility 50 years or older? If yes, has an architectural evaluation been completed? **Built 1990.**		X	
If the ground is being disturbed, has an archaeological inventory been completed?			X
Does the proposed project have the potential to affect any traditional or cultural properties or sacred sites?		X	

DETERMINATION	Yes	No
Does the proposed project have the potential to degrade the quality of the environment?		X
Does the proposed project have the potential for cumulative impacts on environmental quality when the effects are combined with other actions?		X
Does the proposed project have environmental effects that will cause substantial adverse effects on the human or natural environment?		X

On the basis of this initial evaluation, the following is appropriate:	**Choose one**
IAW 32 CFR 651 Appendix B, the proposed project qualifies for a Categorical Exclusion (CX) that does not require a Record of Environmental Consideration (REC). (Note regulatory reference). **(g)(1) - Routine repair and maintenance of buildings, airfields, grounds, equipment and other facilities.**	X
IAW 32 CFR 651 Appendix B, the proposed project requires a REC (Attached). (Note regulatory reference).	
Environmental Baseline Survey (EBS) required and a new Environmental Review once the EBS is completed.	

COMMENTS: 1. No environmental concerns.

Date Received: 14 Mar 12

Date Review Completed: 20 Mar 12

Signature of Environmental Professional: Dale Stebbins

Approved by: _____ **Date:** 21 Mar 12

TABLE OF CONTENTS

LIST OF APPENDICIES

LIST OF TABLES

LIST OF ACRONYMS AND ABBREVIATIONS

81st RSC	81st Regional Support Command
CIPC	cast in place concrete
EPA	Environmental Protection Agency
FD	field drain
GIS	Geospatial Information System
GSA	General Services Administration
MH	manhole
PCC	precast concrete
PVC	polyvinyl chloride
RCP	reinforced concrete pipe
SDSFIE	Spatial Data Standard for Facilities, Infrastructure and Environment
SSMH	sanitary sewer manhole
STMH	stormwater manhole
STOF	stormwater outfall
TD	trench drain
USARC	United States Army Reserve Center
VCP	vitrified clay pipe

EXECUTIVE SUMMARY AND RECOMMENDATIONS

Weston Solutions, Inc. (WESTON®) has completed the drainage evaluation of the sanitary sewer and the stormwater drainage systems at the Gordo United States Army Reserve Center (USARC) facility identification number AL022 located at 25226 Highway 82, Gordo, Alabama 35466-2227. The primary objective of the evaluation was to check for improper interconnections between the sanitary sewer and stormwater management systems. The evaluation included inspection of all structures associated with these systems for the purpose of documenting their condition and general functionality. The site was inspected for surface water management characteristics and any risks that may impact stormwater quality. The route of connection through buried piping between the structures was confirmed by using potable water, dye testing and smoke testing as needed.

The following is a summary of the significant findings of the evaluation and recommendations for corrective measures for the sanitary sewer and stormwater management systems for consideration by the 81st Regional Support Command (81st RSC). Detailed explanations to support these recommendations are presented in Sections 3 and 4 of this report. The location for each numbered recommendation has been labeled on the as-built facility drawing found in Appendix B.

1. The evaluation shows no interconnections between the sanitary and stormwater systems.

2. The sewage line entering sanitary manhole SSMH5 from the Army Reserve Center (ARC) building toilets is partially blocked and should be cleaned to eliminate the potential for backup.

3. There is standing water against the north side of the ARC building behind the air conditioning unit which is causing corrosion of electrical conduit. WESTON recommends that a leak test be performed on the underground water service line(s) in the vicinity, which is the alleged cause of the standing water.

4. There is a low area outside the door to the courtyard on the south side of the ARC building which floods during heavy rainfall. A drop inlet and associated pipe should be installed to drain the stormwater to the east into the drainage swale along 1st Avenue West.

The following recommendations for corrective measures to the stormwater management infrastructure involve the ditch lines to the south and east which are beyond the boundary of the Reserve Center property. As such, the responsibility to make the corrections associated with these ditch lines lies with the State Department of Transportation and the local municipality as detailed in the report. Recommendations 5 and 6 are of greater significance since they currently affect or have the potential to affect the operation of the Reserve Center. Resolution of these issues involves coordination with the State of Alabama Department of Transportation (ADOT). WESTON has initiated contact with the ADOT regarding these issues. The contact information is detailed in section 4 of this report.

5. There are two areas of soil erosion located in the south access drive to Highway 82. The erosion appears to be the result of damage to the underlying storm drain pipe which allows soils surrounding the damaged portion of pipe to be washed away in storm events. One of the areas is located under the paved driveway and has eroded the base course that supports the asphalt pavement. The other area of erosion is behind the concrete curb. Both of these areas should be excavated to identify and correct the damage to the pipe to prevent further undermining and remedy the unsafe condition for vehicular traffic.

6. The 24-inch and 15-inch storm drain pipes under the Highway 82 access driveways are approximately thirty percent and twenty percent full of sediment. The source of the sediment is from a neighboring business parking lot. WESTON recommends that the property owner be contacted to correct the soil erosion problem. The storm drain pipes should then be cleaned out to restore proper drainage.

7. There is a small area of soil erosion between the cut in the concrete curb and the inlet to the 15-inch storm drain pipe located at the south access driveway to Highway 82.

WESTON recommends that the eroded soil should be replaced and a short concrete channel should be installed to convey stormwater from the curb cut to the flow line of the ditch.

8. The lining of the grass channel at the outlet of the 24-inch storm drain pipe under the Highway 82 driveways is being scoured away. WESTON recommends that this portion of the channel be restored and then armored with rip rap or other suitable channel lining material to eliminate further erosion.

9. The outlet pipe from curb inlet STCI2 discharges into the grass ditch along 1st Avenue West. Over time the grade of the flow line in the ditch outlet has been raised due to sedimentation and has resulted in water standing in the structure. WESTON recommends that the grade of the ditch line be lowered and re-stabilized to allow storm flow to pass through the curb inlet and eliminate the standing water condition.

1.0 INTRODUCTION

The 81st Regional Support Command (81st RSC), through the General Service Administration (GSA), has contracted Weston Solutions, Inc. (WESTON®), to conduct an evaluation of the sanitary sewer and stormwater management systems at twelve of the 81st RSC United States Army Reserve Center (USARC) facilities in the State of Georgia, one in Alabama and one in Mississippi. This report is specific to the Gordo United States Army Reserve Center (USARC) facility identification number AL022 located at 25226 Highway 82, Gordo, Alabama 35466-2227. The site visits associated with this evaluation were conducted on January 28 - 29, 2008. The main contacts throughout the field investigation work were Sergeant Lorden and Mr. Webber, the Facility Manager.

This report is organized in the following manner; The Executive Summary presents the significant findings of the evaluation and provides recommendations for corrective measures, Section 2.0 presents the objectives and methods used to perform the evaluation; Sections 3.0 and 4.0 provide detailed descriptions of the sanitary sewer and stormwater management systems, respectively; and Section 5.0 summarizes the conclusions of the evaluation. The Appendices attached to the report are as follows; Appendix A is a photographic log that shows the condition of each structure of the sanitary and stormwater systems; Appendix B presents a full-size, scaled facility as-built drawing that shows the surveyed location of all structures associated with the sanitary sewer and stormwater management systems, the physical property improvements and the property boundary; Appendix C contains a CD on which all electronic copies of this report and appendices are provided.

2.0 FIELD EVALUATION OBJECTIVES AND METHODOLOGY

The primary objective of the evaluation was to check for improper interconnections between the sanitary sewer and stormwater management systems. The evaluation included inspection of all structures associated with these systems for the purpose of documenting the condition and general functionality. The site was inspected for surface water management characteristics and any risks that may impact stormwater quality. The following information presented in this section describes the methods used by WESTON to perform the field evaluation.

2.1 FIELD EVALUATION

The field evaluation work was performed by a registered professional engineer. The evaluation began with a comprehensive review of available engineering drawings that provided information about the sanitary sewer and stormwater management systems. The 81st RSC provided the following base drawings to WESTON:

- U.S. Army Reserve Training Center Gordo, Alabama, "Site Paving and Geometry Plan", Sheet Reference No. C-2, dated March 1989 (other title block information illegible).
- Site Grading and Drainage Plan, dated March 1989 (title block information illegible).
- U.S. Army Reserve Training Center Gordo, Alabama, "Roof Plan and Details", Drawing No. F-171-40-19, File No. ORC-43-15, dated March 1989.

Electronic images of these base drawings have been included on the CD in Appendix C.

Interviews were conducted with facility personnel to provide details about the function and history of the two systems. A thorough walk-through of the site was performed to confirm the location of structures shown on the drawings and to check for any additional sanitary sewer and stormwater management infrastructure. All structures were identified with a unique alpha-numeric label (structure ID). The field evaluation included removal of manhole covers and grates to inspect the condition and function of each structure. Information regarding the

condition of each structure as noted during the evaluation is provided in Tables 3-1 and 4-1 for the sanitary sewer and stormwater management systems, respectively.

Photographs were taken of each structure to show the setting in which it was located. Photographs were also taken of the bottom of each structure to document the present condition and to show the configuration of the pipe penetrations. The photographic log is presented in two sections, the first section shows the structures in the sanitary sewer system and the second shows the stormwater management structures. Photographs within each section are grouped together with like structures and are then arranged in numerical order according to the label given to each structure. The photographic log is presented in Appendix A.

2.2 SMOKE TESTING

Smoke testing was performed to trace the path of connection between above ground structures, such as manholes, cleanouts, inlets, and roof vents, by forcing smoke through the buried piping. WESTON also used potable water and dye testing to confirm the path of connection for smaller diameter piping as needed. Smoke testing was performed by using a Hurco® Ripcord Smoker with a 5.5 horse power engine capable of moving 6,000 cubic feet per minute of air. The smoke medium was introduced as a non-hazardous liquid through a heating element mounted on the side of the engine. The trade name for the liquid is LiquiSmoke®, which is a hydrotreated middle distillate. The liquid evaporated into a white smoke as it passed through the heating element and was sucked downward by the blower's propeller and pushed into the manhole and associated piping. Interconnection between structures was confirmed by placing the blower on one manhole and observing the smoke emanating from adjacent structures connected by buried piping. The test was run for approximately 3 to 10 minutes to allow the smoke to propagate throughout the network of piping. During each test, inspections were made of both sanitary sewer and stormwater management structures to confirm which structures were connected to one another. Numerous structures within the sanitary and stormwater management systems were smoke tested including manholes, drop inlets and cleanouts.

2.3 FACILITY AS-BUILT DRAWING

A full size, scale drawing was created to show the as-built location of all drainage infrastructure and the elevations of all pipe inverts associated with the sanitary sewer and stormwater systems. The drawing includes the surveyed locations of buildings, paved areas, fence lines, power poles, light fixtures, water meters, fire hydrants and other significant notable physical improvements on the facility property. WESTON's subcontractor, Leading Edge Surveying, Inc. of Atlanta, Georgia a licensed professional surveyor registered in the State of Georgia and Alabama, collected all of the survey information including topographic data used to generate the facility drawing. The surveyor performed a courthouse records search to develop an opinion for the property boundary. The written legal description of the property and the meets and bounds are presented on the drawing. Permanent markers such as iron pins were set to physically establish the property boundary in the field as needed. Horizontal and vertical control was established by global positioning equipment to establish state plane coordinates for all survey data. The state plane coordinate data is included in the electronic copy of the AutoCAD file located in Appendix C.

The surveyor collected the data relevant to the sanitary and stormwater management systems by recording the as-built invert elevation for all pipe inlets and outlets at each structure by removing the covers and grates and measuring from the surveyed rim elevation. The invert elevations and the compass position for all piping are listed next to each structure on the drawing. The size of the pipe and the pipe material are also shown on the drawing along the pipe alignments. The as-built facility drawing also shows the alignment of buried piping between structures. The location of smaller diameter pipe shown on the drawing was determined during smoke testing and is meant to show the general connection from its source to the structure into which it drains.

The final drawing is stamped by a professional surveyor to validate the accuracy of the boundary survey and the locations and elevations of all surveyed structures. The final drawing is also stamped by a professional engineer to verify that the information depicting the interconnection of the piping shown on the plan is accurate using the methods and means described herein. A full-

size copy of the facility drawing plotted from an AutoCAD file has been attached to this report in Appendix B. An electronic copy of the drawing is provided on CD in Appendix C in AutoCAD format (.DWG) and a PDF version.

2.4 GEOSPATIAL INFORMATION SYSTEM DATA

WESTON has converted the relevant survey data collected during the evaluation to populate the Geospatial Information System (GIS) layers. The GIS layers were developed using the U.S. Army CADD/GIS Technology Center, Spatial Data Standard for Facilities, Infrastructure and Environment (SDSFIE), version 2.61, and contained in an ESRI ArcGIS 9.2 Personal Geodatabase (PGDB). The GIS layers in the PGDB are in a state plane coordinate system, NAD 83, US Survey Feet. The state plane zone was determined by the geographic area in which the regional installation resides. The GIS data file will provide the 81st RSC with the means for efficient management for multiple facilities by posing queries to the data that has been input into the layers. This file also serves as the basis for additional data that can be added for all RSC facilities. An electronic copy of this file is provided on the CD in Appendix C.

3.0 SANITARY SEWER SYSTEM EVALUATION

The sources of sewage generated at the Gordo facility are sanitary wastes from the toilet, shower and kitchen facilities located in the Army Reserve Center (ARC) building. Sewage from the toilets is directed into a sanitary service branch on the south side of the building and flows to sanitary manhole SSMH5. Sewage from the kitchen flows through a separate branch through the grease trap SSGT1 which then flows into sanitary manhole SSMH5. Sewage from manhole SSMH5 flows to the southeast beyond the facility property boundary and ties into the municipally-owned trunk line along 1st Avenue West.

Visual inspection of SSMH5 indicated that there is a partial blockage of the service branch from the toilet and shower facilities. WESTON recommends that this accumulation be cleaned out to avoid the potential for backup. Light debris was observed on the bench of manholes SSMH2, SSMH3 and SSMH4 which suggests that flow occasionally backs up in these manholes. These structures are owned and maintained by the municipality.

Visual inspection of other structures associated with the sanitary sewer system such as cleanouts and grease traps indicates that they are in good structural and functional condition. Smoke testing was performed on sanitary manhole SSMH5 to determine the path of connection between the manhole and the facility. Smoke testing indicated that the sanitary piping is connected as indicated by smoke seen coming from the vent pipes on top of the ARC building, cleanouts SSCO1, SSCO2, SSCO3, grease trap SSGT1 and manholes SSMH2 and SSMH3. Nearby stormwater structures were also inspected during the smoke testing to check for interconnection between the two systems. The results of the testing indicate that there is no interconnection between the sanitary sewer and stormwater systems.

Table 3-1 presents a list of the sanitary sewer structures which includes a description of the condition noted during the inspection. Digital photographs of the structures were taken during the evaluation and are included in Appendix A. The location of all of the structures associated

with the sanitary sewer system is shown on the facility as-built drawing presented in Appendix B.

TABLE 3-1

SANITARY SYSTEM STRUCTURE SUMMARY

Designation	Construction	Condition	Notes
SSMH1	PCC	Good	Municipally-owned. Clean. Formed invert.
SSMH2	PCC	Good	Municipally-owned. Formed invert. Light debris on bench suggests that sewage backs up in this manhole at times.
SSMH3	PCC	Good	Municipally-owned. Formed invert for pipe running from west to east. Minor amount of accumulation on the bench under the 8" pipe entering from the southwest which does not have a formed invert.
SSMH4	PCC	Good	Municipally-owned. Formed invert. Light debris on bench suggests that sewage backs up in this manhole at times.
SSMH5	PCC/Brick	Fair	Located on the facility property. Formed invert. Pipe from toilets partially blocked. Needs cleaning.
SSGT1	PCC/Brick	Good	Grease trap is a concrete vault located outside kitchen. Good condition.
SSCO1	Brass	Good	No comment.
SSCO2	Brass	Good	No comment.
SSCO3	Brass	Good	No comment.

CO = clean out

GT = grease trap

MH = manhole

PCC = precast concrete

SS = sanitary sewer

GT = grease trap

4.0 STORMWATER SYSTEM EVALUATION

The sources of stormwater runoff from the Gordo facility are the paved parking areas, the roofs of the Army Reserve Center (ARC) building and the surrounding grass areas. The topography on the northern portion of the facility slopes from west to east and drains into the state maintained ditch along Highway 82. Topography on the southern portion of the facility is sloped toward the south and drains stormwater into the municipally maintained drainage ditch along 1st Avenue West. There is a wooded area to the west of the facility property which is a source of stormwater run-on.

WESTON inspected the stormwater infrastructure both within the Reserve Center property and the grass ditch lines to the south and east which are beyond the property boundary. There are no buried stormwater inlet structures or piping located with in the property of the reserve center as indicated on the facility as-built drawing.. The roof drains on the ARC building discharge onto the ground. Inspection of the stormwater flow within the reserve center property shows two areas of standing water next to the ACR building that should be remedied. One area is located outside the door to the courtyard on the south side of the building. WESTON recommends that a small storm inlet structure and the associated buried piping be installed to drain the standing away from the building in to the stormwater ditch line to the south. The other area is located behind the air conditioning unit on the north side of the building. Sergeant Helm was consulted by telephone and believes that the source of the water in this area is from a leaking underground potable water line. WESTON recommends that a leak test be performed on the water lines in the vicinity of the suspected leak and repairs be affected as required. All grassed areas within the Reserve Center property boundary appear to be properly stabilized with no erosion evident. There were no stored materials and no vehicle maintenance activities at the time of the evaluation.

The facility as-built drawing shows that the grass ditch line to the east is located within the State of Alabama Department of Transportation (ADOT) Right-of-way. The grass ditch to the south of the property is maintained by the local municipality of Gordo, Alabama. Inspection indicates there are several maintenance issues in both ditch lines that should be repaired by the responsible

party. WESTON suggests prioritizing the following two recommendations that are specific to grass ditch line and buried piping within the ADOT right-of-way along Highway 82 because they have the potential to impact the operations of the Reserve Center.

The first area of concern is the erosion that appears to be affecting the structural integrity of the southern access driveway on Highway 82. The erosion appears to be the result of damage to one of the buried stormwater pipes that runs under both paved access driveways. This condition causes the soils surrounding the damaged portion of the pipe to erode and wash away during storm events. One of these areas is located under the paved access drive and has undermined the base material that supports the asphalt pavement. This condition is a safety concern should the pavement collapse under the weight of vehicular traffic. The other area of erosion is located behind the concrete curb on the south side of this access driveway. WESTON performed smoke testing on the 24-inch and 15-inch storm drain pipes under the driveway to determine if a breach in a storm drain pipe is providing a flow path for water. The smoke test was inconclusive. WESTON recommends that the areas of erosion be explored using excavation techniques to determine the extent of the erosion and to verify and correct the cause. This may involve replacement or repair of sections of the underlying storm drain pipe, the base course and the asphalt pavement.

WESTON has initiated contact with Mr. Brad Darden of the Alabama Department of Transportation (ADOT), District 3 Office (800) 789-0928, regarding these two areas of concern. Mr Darden stated that ADOT's position is that they normally address issues along the right of way only if it would adversely affect the highway itself. Mr. Darden agreed to visit the site since this is a Reserve Center facility to consider performing any repairs. WESTON recommends that that the 81st RSC follow up with Mr. Darden to schedule a site visit. In the interim, traffic controls should be placed to ensure vehicular traffic does not run over these areas since the full extent of the undermining of the paved area is unknown.

The second area of concern is the significant accumulation of sediment in the 15-inch and 24-inch storm drain pipes buried beneath the two paved access drives on Highway 82. The 24-inch

storm drain pipe is approximately thirty percent full of sediment and the 15-inch storm drain pipe is about twenty percent full of sediment. The source of the sediment is from inadequate erosion controls associated with the drainage from a parking lot on the neighboring property to the north of the Reserve Center. This condition may cause further blockage of the pipe and result in storm flow over topping the ditch line and flowing across the access driveways. It is against federally mandated regulations to allow eroded sediments to migrate beyond the property boundary from which they originated. WESTON recommends that the sediment be cleaned out of the piping to restore the normal flow capability of the pipes. The property owner of the parking lot should be contacted to remedy the erosion from their property before the pipes are cleaned out.

The following maintenance issues associated with the state and local municipality maintained ditch lines do not directly affect the operation of the Reserve Center but should be addressed by the responsible parties as a function of maintaining best practices for erosion controls.

There is a small erosion gully located between the concrete curb cut and the inlet of the 15-inch storm drain pipe under the southern access drive along Highway 82. The curb was cut to allow storm water to drain the short distance from the driveway into the stormwater drainage ditch. WESTON recommends that the eroded soils should be replaced and a short concrete flume be installed to eliminate further erosion. There is an area of channel lining that has been eroded located at the outlet of the 24-inch storm drain pipe that runs under the access drives to Highway 82. This area has been scoured by storm flow. WESTON recommends that this area of the channel lining be restored and armored with rip rap or with concrete paving to stop further scouring of the channel lining. These areas are also within the ADOT right-of-way and should be addressed with Mr. Darden.

WESTON inspected the ditch line to the south of the Reserve Center property. The outlet pipe from curb inlet STCI2 discharges into the grass ditch along 1st Avenue West. Over time the grade of the flow line in the ditch outlet has been raised due to sedimentation and now causes water to stand in the structure. WESTON recommends that the grade of the ditch line be lowered and stabilized to eliminate the standing water condition.

Table 4-1 presents a list of the stormwater structures which includes a description of the condition noted during the inspection. Digital photographs of the structures were taken during the evaluation and are included in Appendix A. The surveyed location of the stormwater structures and the route of buried piping between structures are shown on the facility as-built drawing in Appendix B.

TABLE 4-1

STORMWATER MANAGEMENT SYSTEM STRUCTURE SUMMARY

Structure	Type	Construction	Condition	Notes
STCI1	Curb Inlet	PCC	Good	The 24-inch and 15-inch storm drain pipes are approximately thirty and twenty percent blocked with silt, respectively. The Alabama Department of Transportation should be contacted to get the soil erosion from the upstream business corrected and the Highway 82 storm drain pipes should be cleaned. The two sinkholes along the driveway adjacent to STCI1 should be excavated to determine and correct the cause of the driveway being undermined by stormwater.
STCI2	Curb Inlet	PCC	Good	Structure is full of water because the outlet pipe is 80% obstructed by soil and grass. Flow line of the ditch needs to be lowered to permit this structure to drain completely and eliminate the standing water condition.

CI = curb inlet

PCC = Precast concrete

RCP = Reinforced concrete pipe

5.0 CONCLUSIONS

The evaluation revealed that there are no interconnections between the sanitary sewer and the stormwater management systems. The sanitary and stormwater management systems that are located on the facility property are in good structural condition. There are minor functional issues with the sanitary and stormwater infrastructure within the facility property which can be easily remedied.

There are more significant issues with the structural and functional condition of the stormwater drainage ditches to the south and east of the Reserve Center that area located beyond the property boundary. The two most notable issues that could affect the operation of the Reserve Center are in the stormwater ditch along Highway 82. These issues are as follows; the erosion of the base materials below the south access driveway which is causing an unsafe condition for vehicular traffic and; the sediments accumulated in the two storm drainage pipes buried under both access driveways which may result in the backup of stormwater and overflow across the access roads. The responsibility to correct these issues lies with the Alabama State Department of Transportation (ADOT) since the ditch and the buried piping lies within the roadway right-of-way of Highway 82. WESTON has initiated contact with the ADOT and recommends that the 81st RSC follow up with them to arrange a site visit to discuss corrective actions detailed within this report.

APPENDIX A

Photographic Log

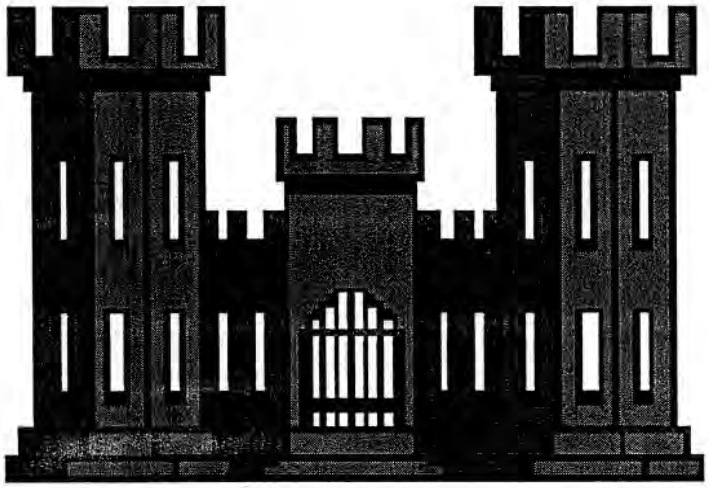
APPENDIX B

Facility As-Built Drawing

APPENDIX C

Electronic Files

DEPARTMENT OF THE ARMY
HEADQUARTERS, 416 TH ENGINEER COMMAND
FACILITIES ENGINEER GROUP
10 S.100 SOUTH FRONTAGE ROAD
DARIEN, IL 60561-1780



ENGINEERING AND ENVIRONMENTAL FACILITY ASSESSMENT

for

GORDO USAR CENTER

Gordo, Alabama
Facility I.D. No. AL022
Date of Visit: 8 Mar 2000

8 March 2000

416th ENGINEER COMMAND
USAR FACILITY

INSTALLATION NAME: Gordo USAR Center
INSTALLATION NUMBER: AL022 DATE: 08 Mar 2000

TABLE OF CONTENTS

SECTION 1: EXECUTIVE SUMMARY

INSTALLATION NAME: Gordo USAR Center

INSTALLATION NUMBER: AL022 DATE: 08 Mar 2000

1. The Huntsville Facility Engineer Team assessed the subject Center 8 Mar 2000. The center consists of one building that was approximately approximately 13,186 square feet. The main building was constructed in 1991 of concrete masonry, steel framing and brick veneer. The center has a metal roof. The building is fully utilized along with the military equipment parking (MEP). Most of the surrounding area is commercial property. The entire complex comprises approximately 3.7 acres. It is bounded on the east by residential property, on the west by Highway 82, on the north by Bostic Road, and the south by commercial property. The 813th and 416th Replacement Companies are the only tenants of the center.

2. The overall condition of the buildings is excellent, although there are several minor improvements / repairs that should be done. Items that have previously been identified and remain valid work requirements are as follows:

1. Asbestos Study / Survey
2. CFC Inventory
3. Convert Rifle Range to Storage
4. Repair HVAC Timers
5. Condensation Ceiling & Lights
6. Repair Boiler Controls

The area is in need of a lawn maintenance and pest control service contracts. This report identifies 5 new RPMA projects:

1. Clear dying and dead trees
2. Construct Gravel POV Parking lot
3. Reseal / Restripe POV and MEP
4. Replace Mechanical Timers on HVAC
5. Repair Standing Seam Roof

Several items were discussed with the Facilities Manager that can be accomplished through small purchases with the use of the IMPAC program as part of the E^2FA conducted on the Center. Finally, the Facility Manager identified the need for adding a turn lane on Highway 82 in front of the USAR Center. Highway 82 is a two-lane highway that has an extremely large volume of traffic. In addition, there is a washout next to the highway in the Right-of-Way. These issues should be addressed by the 81st RSC to the State DOT.

3. An Environmental Compliance Assessment of the Center identified five (5) Class III Management Practice findings. We have no significant concerns about this facility's practices in handling, inventory, and managing hazardous materials and wastes. Both the facility manager and unit personnel are maintaining an environmentally compliant facility.

5. Facility personnel were extremely helpful and cooperated in assisting the team with this visit. Mr. Carter, the Facility Manager, appears to be doing an excellent job in his duties and has helped to make this facility among the best we have visited.

RAYMOND A. MITCHELL
MAJ(P), EN, USAR
Commanding

SECTION 2: FACILITY IDENTIFICATION

INSTALLATION NAME: Gordo USAR Center

INSTALLATION NUMBER: AL022

STREET ADDRESS: 25266 Hwy 82
CITY/TOWN: Gordo
STATE: AL
ZIP CODE: 35466
RSC/RSG: 81st RSC, Birmingham, AL

FACILITY TYPE:

A. **USARC:**	X	B. AFRC:	___	C. OMS:	___	D. FLIGHT:	___
E. DS/GS:	___	F. MED:	___	G. WET:	___	H. FLIGHT:	___
I. ECS:	___	J. CTF:	___	K. OTHER:	___		___

ASSESSMENT PERFORMED BY: Huntsville Facility Engineer Detachment

FACILITY ENGINEER TEAM INCLUDED:
LTC Thomas Waters
CPT William Craven
MAJ Robert Ott
SFC Daniel Northem

REFER TO FOR INFORMATION:
MAJ Raymond A. Mitchell
Work: (423) 751-6404
Home: (423) 332-9603

PERSONNEL CONTACTED ON SITE:

NAME/GRADE	DUTY POSITION	PHONE NUMBER
Mr. Claude Carter	Facility Manager	(205) 364-7171

ASSESSMENT CONDUCTED FROM: 8 Mar 2000/ 0900 TO: TO: 8 Mar 2000/1300

DATE OF LAST ASSESSMENT: 17 May 1996

SECTION 3: FACILITY DATA

INSTALLATION NAME: Gordo USAR Center

INSTALLATION NUMBER: AL022 DATE: 8 Mar 2000

NUMBER OF BUILDINGS ON SITE: 1

GROSS SQUARE FEET OF BUILDINGS: 13,186 sf

SQUARE YARDS OF PAVED AREAS:

MEP (est)	1,080
POV	886
ACCESS ROAD	1,173
SIDEWALKS	182
TOTAL	3,321

AREA OF GROUNDS:

IMPROVED: 3.0 UNIMPROVED: 0.7 TOTAL: 3.7 acres

FLOOD PRONE AREA: YES ___ NO X WETLANDS: YES ___ NO X

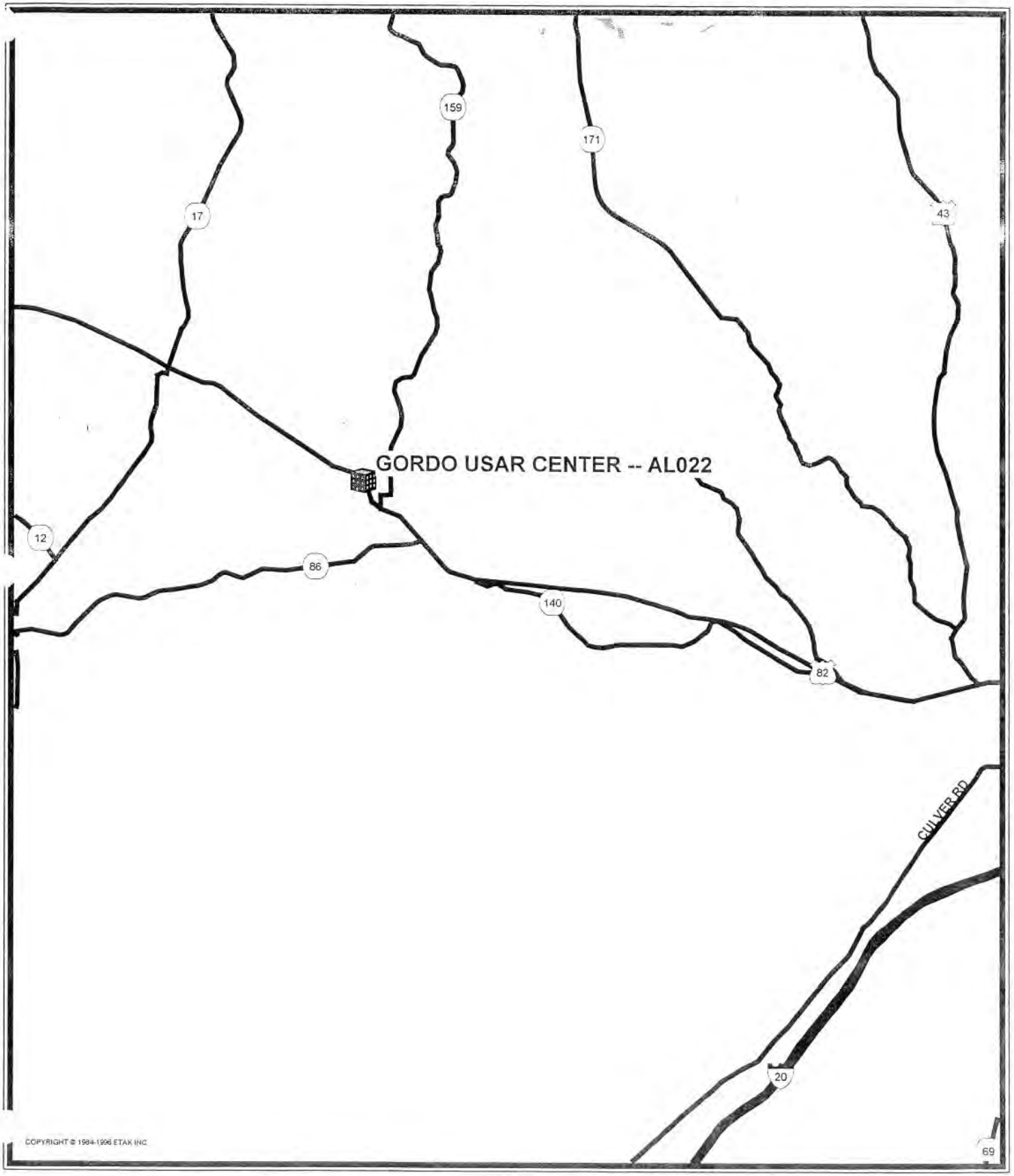
OWNERSHIP DATA:	ARMY	OTHER DOD	OTHER FED	LEASED	OWNER NAME (NON-ARMY)
BLDGS	X				
LAND	X				

YEAR CONSTRUCTED:
CENTER: 1991

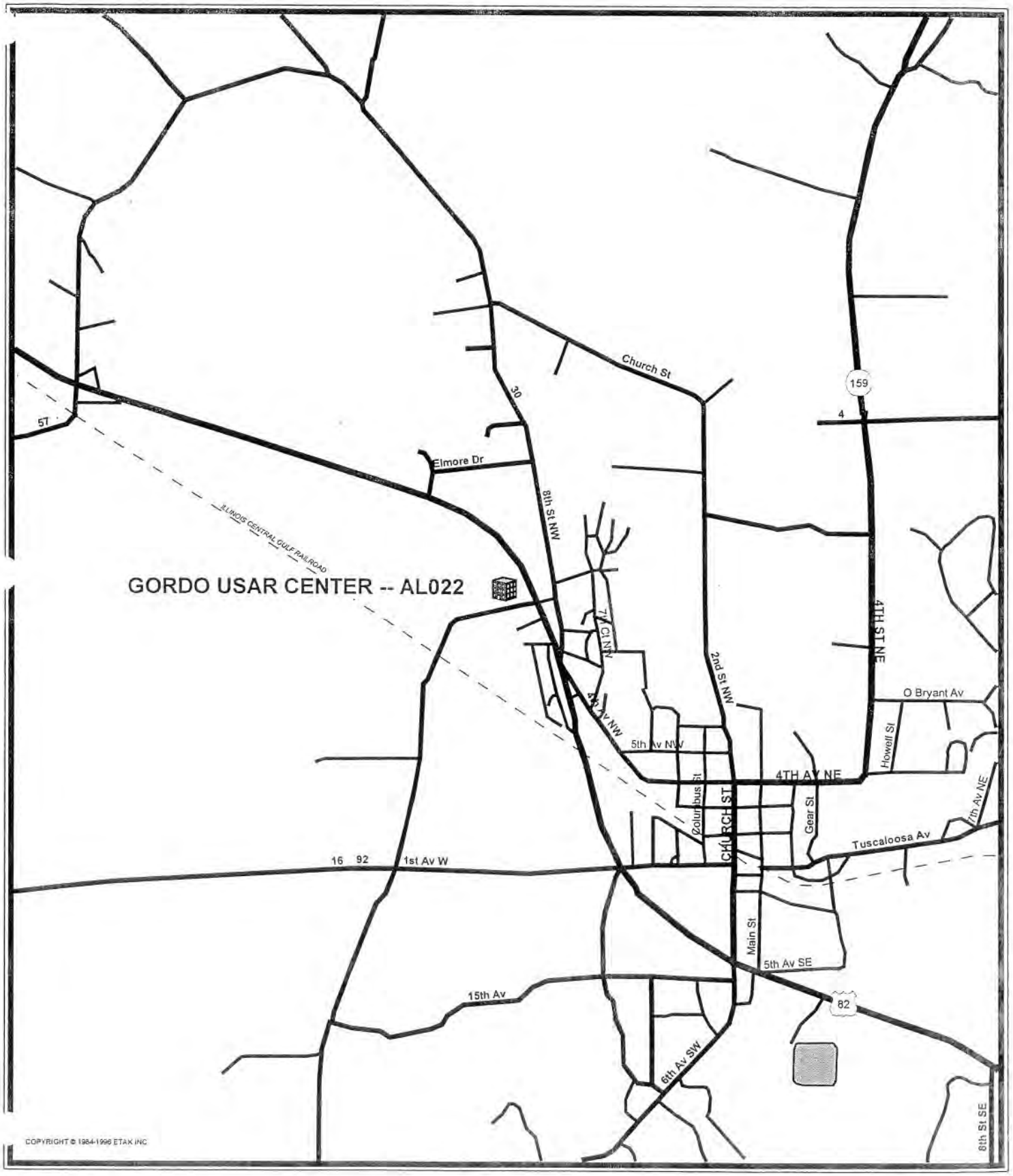
YEAR OF LAST MAJOR IMPROVEMENTS OR EXPANSIONS:
CENTER: N/A

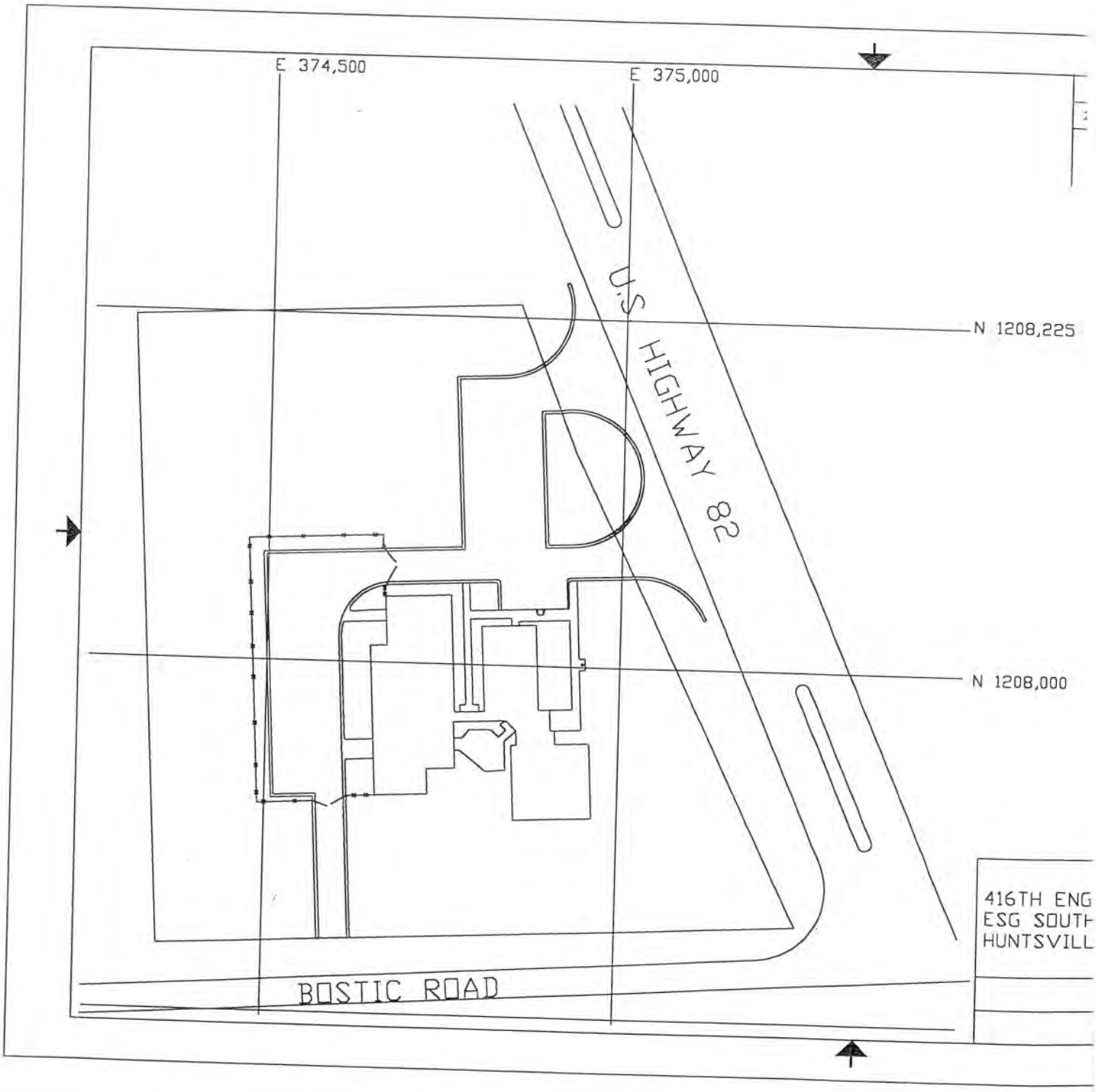
RECURRING NON-TRAINING ACTIVITIES: NONE

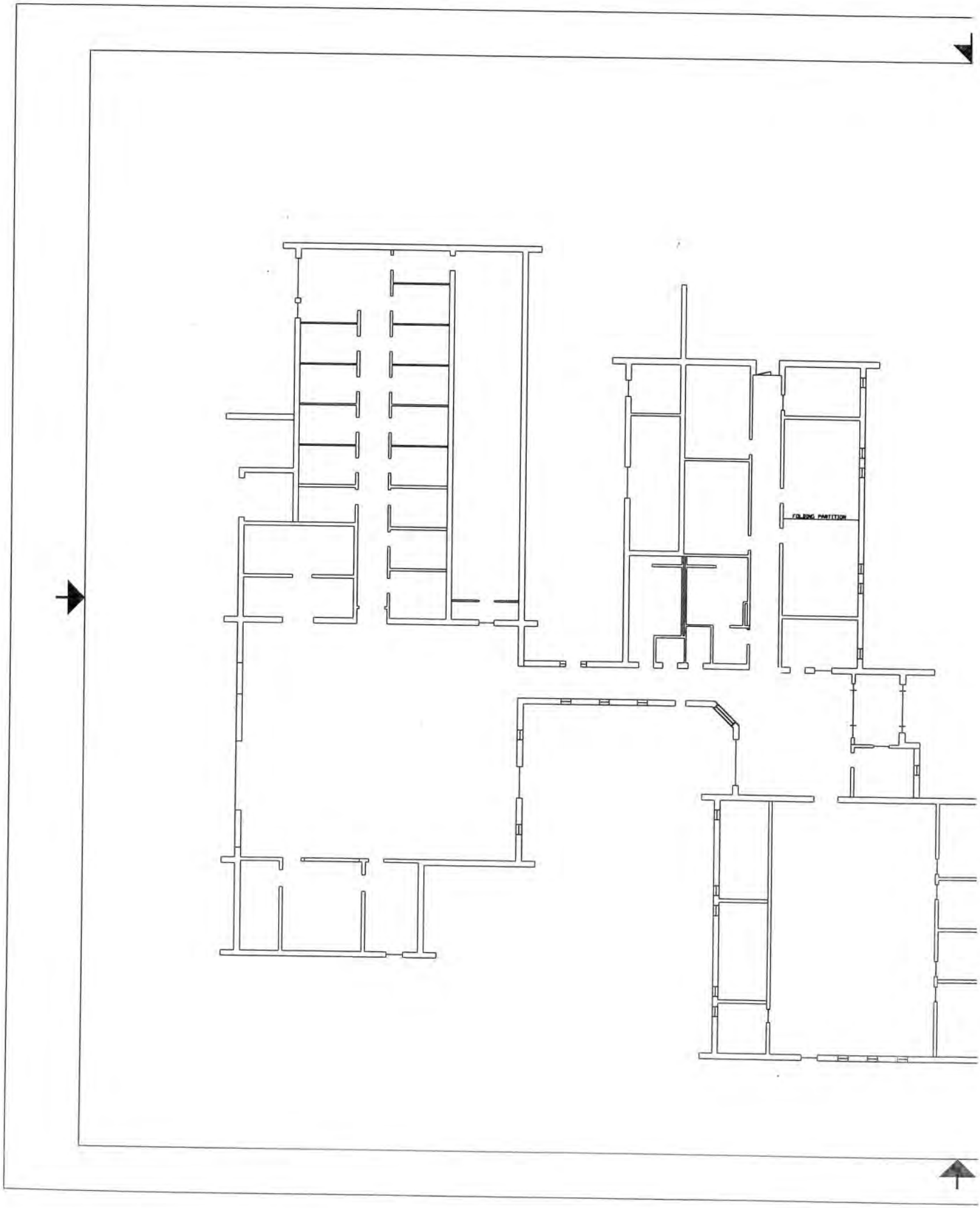
Section 4a-- Vicinity Map



Section 4b -- Location Map




E 374,500
E 375,000
U.S. HIGHWAY 82
N 1208,225
N 1208,000
BOSTIC ROAD
416TH ENG
ESG SOUTH
HUNTSVILL


FOLDING PARTITION

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

FEET

416TH ENGINEERS ESG SOUTH DET E HUNTSVILLE, AL	FLOOR PLAN U.S. ARMY RESERVE CENTER GORDO, ALABAMA			
	SIZE B	FSCM NO.	DWG NO.	REV
	SCALE		SHEET	

SECTION 5: PHOTOGRAPHS

SECTION 5.A - EXTERIOR PHOTOGRAPHS

Photo 1: Front side of the USAR Center.

Photo 2: East side of the USAR Center.

Photo 3: North side of USAR Center.

Photo 4: West side of USAR Center.

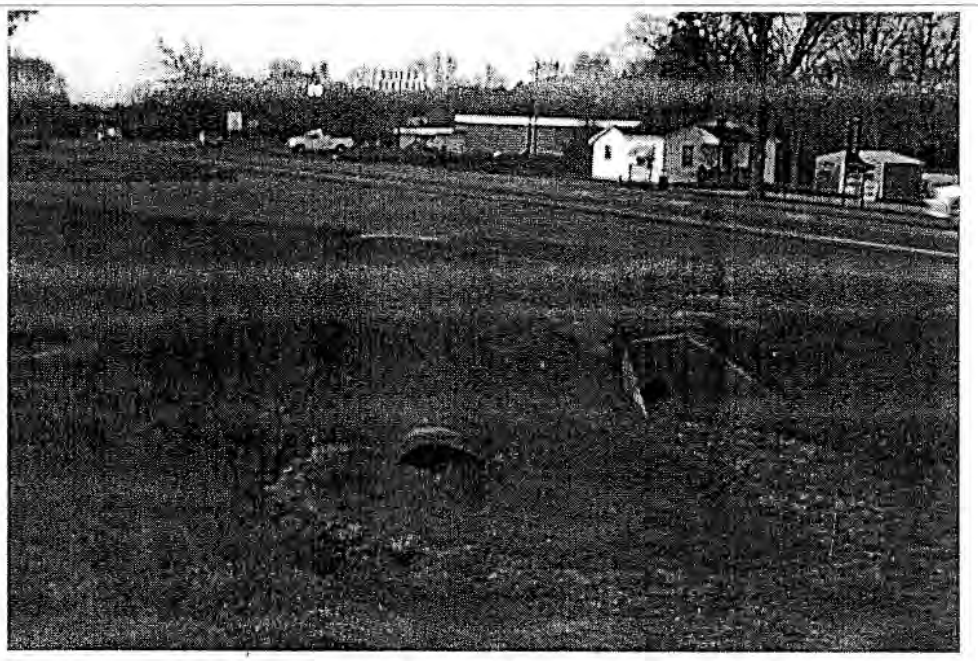


Photo 5: View of entrance to the USAR Center from Highway 82. Note the culvert that has silted in.

Photo 6: South side of property. These trees have the pine beetle and are dying or have died. Once cleared, this area is the proposed POV Gravel Parking lot.

SECTION 5.B - INTERIOR PHOTOGRAPHS

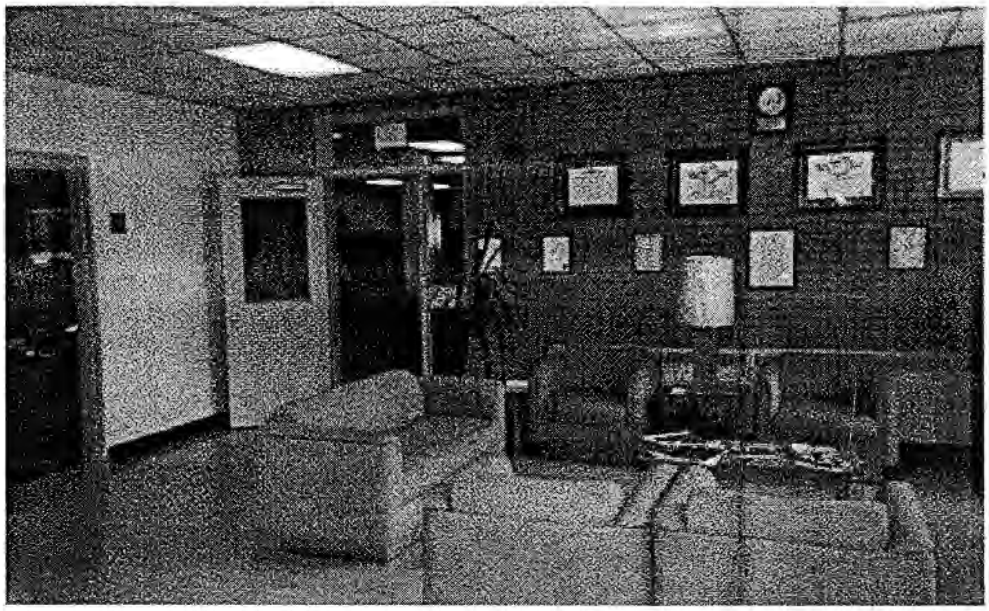


Photo 7: Interior Lobby.

DEPARTMENT OF THE ARMY

HEADQUARTERS, 416TH ENGINEER COMMAND
FACILITIES ENGINEER GROUP
10 S. 100 SOUTH FRONTAGE ROAD
DARIEN, IL 60561-1780

ENVIRONMENTAL COMPLIANCE ASSESSMENT

for

GORDO USAR Center

Gordo, Alabama
Facility I.D. No. AL022
Date of Visit: 8 Mar 2000

PREPARED BY:
DETACHMENT "E"
416th Engineer Command, FEC-SE
2720 Patton Road
Huntsville, AL 35805

Enclosure A

ENVIRONMENTAL COMPLIANCE ASSESSMENT EXECUTIVE SUMMARY

INSTALLATION NAME: **Gordo USAR Center**
INSTALLATION NUMBER: **AL022**

1. As part of the facility assessment conducted at the Gordo USAR Center, an Environmental Compliance Assessment was conducted. The facility consists of the main reserve building located at 25266 HWY 82, Gordo, AL. The facility sits on 3.7 acres and also includes parking for privately owned vehicles (POVs) and military equipment parking (MEP).

2. A total of five (5) class III findings were made; there were no class I findings and no Health and Safety findings made during this inspection.

3. We have no significant concerns about this facility's practices in handling, inventory, and managing hazardous materials and wastes.

4. The following issues were identified during this visit:

- Indoor Firing Range does not have appropriate closure documentation.
- Facility needs a service contract for pest control and grounds maintenance.
- Facility lacked appropriate documentation on asbestos, radon, and PCBs.
- Facility manager needs to provide an HM inventory to the local fire marshall.
- Facility does not have a current SPCC plan.

4. The facility manager and personnel are maintaining an environmentally compliant facility. Mr. Carter appears to be doing an excellent job in his duties. He does need external support from the FAST team and the RSC for contracting actions and updating facility environmental books.

RAYMOND A. MITCHELL
MAJ (P), EN, USAR
COMMANDING

INSTALLATION SCREEN

*FFID: AL022

*Installation Name: Gordo USAR Center

Installation Category: R

MACOM: USARC

MUSARC:

BASOPS ARCOM: 81ST

Support Installation:
Facility / Activity Type: 1) FM 2) XX 3) XX 4) XX 5) XX

EPA Region: 4
Congressional District:
Address: 25266 HWY 82

City: Gordo
State: AL
Country: USA
Zip Code: 35466-2227

ASSESSMENT SCREEN

*Fiscal Year: 2000 *Assessment Date (MM/DD/YYYY): 03/08/2000
*Assessment Type: X
*Manual Used: X
Manual Supplement Used: X
Local Manual (OCONUS: MACOM Specific Manual)
Date (MM/YYYY): /
Author:
Title:

State Manual (OCONUS: Country Specific Manual)
Date: (MM/YYYY): xx/xxxx
Author: CERL
State Postal Code or Country Code: XX

*Assessor Name: Detachment "E", Facility Engineer Center – SE, 416th ENCOM
Point of Contact: MAJ ROBERT L. OTT

Address: 505 Idlewood Drive
City: Clarksville
State: TN
Zip Code: 37043
Phone: (502) 798-9638

For Contract ECAS
Contract Number:
Delivery Order Number:
Contracting Office:

TABLE 1-1
SUMMARY OF FINDINGS

INSTALLATION: 81ST RSC OMS Fiscal Year: 2000

FFID: AL022

NO.	SECTION TITLE	Regulatory			Management			Total
		I	II	HS	POS	III	HS	
A	Air Emissions	0	0	0	0	1	0	1
C	Cultural Resources	0	0	0	0	0	0	0
HM	Hazardous Materials	0	0	0	0	0	0	0
HW	Hazardous Waste	0	0	0	0	0	0	0
NR	Natural Resource	0	0	0	0	0	0	0
O1	Environmental Impacts	0	0	0	0	0	0	0
O2	Environmental Noise	0	0	0	0	0	0	0
O3	IRP	0	0	0	0	0	0	0
O4	Pollution Prevention	0	0	0	0	0	0	0
O5	Program Management	0	0	0	0	0	0	0
PM	Pesticide	0	0	0	0	1	0	1
PO	POL	0	0	0	0	1	0	1
SO	Solid Waste	0	0	0	0	0	0	0
ST	Storage Tanks	0	0	0	0	0	0	0
T1	PCB	0	0	0	0	1	0	1
T2	Asbestos	0	0	0	0	0	0	0
T3	Radon	0	0	0	0	1	0	1
T4	Lead Based Paint	0	0	0	0	0	0	0
WA	Wastewater	0	0	0	0	0	0	0
WQ	Water Quality	0	0	0	0	0	0	0
	Totals	0	0	0	0	5	0	5

Data File Name Prefix: C:\ECAS_tab1_1.doc
Date Summary Report Produced: 7/9/00

Facility Information

Regional Support Command: 81st

Facility Name: Gordo USAR Center

Address: 25266 US HWY 82, Gordo, AL 35466-2227

EMAAR Number: AL022

Type of Facility: Main Administrative Building

Facility Manager Name: Mr. Claude Carter

Evaluation Team Members: LTC Waters, MAJ Ott, CPT Craven, SFC Northem

Phone: 205-364-7171/7783
Fax: 205-364-7220
E-mail: claude.carter@usarc_emh2.army.mil
CST/State Coordinator:

Other Persons Interviewed:

Comments

Visit Information

Date of Visit: 8 March 2000
Date of last 416th Visit:
Date Draft E2FA due to ESG (Visit + 60 days): 8 May 2000
Date Draft E2FA due to RSG (Visit + 90 days): 8 Jun 2000

FE Detachment: Detachment "E"
Team Leader: MAJ Raymond A. Mitchell
Address: 332 Timberline Circle, Soddy Daisy, TN 37379
Phone: (423) 751-6404
Fax: (423) 751-8525
E-mail: ramitchell@tva.gov

Facility Engineer Center – South East
Address: 1650 Corey Boulevard, Decatur, GA 30032-4864
Phone: (404) 286-6363
Fax: (404) 289-4083
E-mail:

Air Emissions Management	**YES/ NO / NA**
1. Is the facility in an air quality Nonattainment region (Nonattainment regions are large metropolotin areas that are polluted and do not meat (attain) the EPA standards)	NO
2. Does the facility dispense any fuel?	NO
3. What type of fuel does it dispense? Leaded gasoline? Diesel? Unleaded gasoline?	N/A
4. Is the fuel point permanent or vehicle mounted?	N/A
5. Does the unit of facility use bulk CFC's or halon?	NO
6. Does the facility have an indooor firing range?	YES
7. Is the facility required to have any local air emission permits?	NO
8. Is there any burning conducted at the facility?	NO
9. Is there any painting operations conducted at the facility other than spot painting & facility maintenance?	NO
Cultural Resources Management	**YES/ NO / NA**
1. Does the facility have any sites on the National Register of Historic sites?	NO
2. Is there any evidence of archeological resources at the facility?	NO
3. Does the facility have any graves or artifacts?	NO
Hazardous Materials Management	**YES/ NO / NA**
1. Is the facility a generator of hazardous waste?	NO
2. Does the facility generate less than 100 kg [220.46 lb., approx.28 gal.] of hazardous waste in one month?	NO
3. Does the facility generate more than 100 kg [220.46 lb., approx.28 gal.] of hazardous waste in one month?	NO
4. Does the facility generate more than 100 0kg [2204.6 lb., approx.280 gal.] of hazardous waste in one month?	NO
5. Does the facility have a hazardous waste minimization program?	NO
6. Does the facility store any munitions or ordnance?	NO
7. Does the facility produce medical, dental or veterinary waste?	NO
8. Does the facility produce waste solvents?	
9. Does the facility dispose of hazardous wastes?	NO
10. How and where?	NA

Storage Tank Management	**YES/ NO / NA**
I. Does the facility have aboveground storage tanks used for the storage of petroleum products or hazardous waste? (Attach additional pages if necessary.)	NO
A. Location	N/A
B. Substance	N/A
C. Capacity	N/A
II. Does the facility have any underground storage tanks? (Attach additional pages if necessary.)	NO
A. Location	N/A
B. Substance	N/A
C. Capacity	N/A
III. Does the facility have any underground storage tanks no longer in service?	NO
Toxic Substances Management	**YES/ NO / NA**
1. Are vehicles washed at this facility?	NO
2. Does the facility have a wash rack?	NO
3. Does the facility have an oil/water separator?	NO
4. Does the facility have a photographic laboratory?	NO
5. Does the facility have a kitchen? If yes, does the kitchen have a grease trap?	YES & YES
Water Quality Management	**YES/ NO / NA**
1. What is the source of drinking water at the facility?	POTW
2. Name of the utility company?	Gordo Water, Gas & Sewer Board

EXTERNAL COMPLIANCE ASSESSMENT

CONDUCTED 3/8/00

CONDUCTED BY 416th ENCOM, FEC-SE, Det E

NEXT INSPECTION DUE 3/9/02

FACID:	AL022		
FAC_TITLE:	GORDO USARC		
ADDRESS:	25266 US HWY 82 EAST		
	GORDO	AL	35466-0050
POC:	MR. Claude Carter		
PHONE:	(205) 364-7171	OWNED	
FAX NUMBER:	(205) 364-7220	**Facility Manager:**	Mr. Claude Carter
FAST:	DAVE QUIVEY	**Shop Foreman:**	
Total Number of Reservist:	80	**Type of Units:**	813th Replacement Co; 416th Repl. Co
Total Number of Full-time Personnel:	4		
Number of Hazwaste Storage Buildings:		**Date Built:**	
		Number of Vehicles:	5
Unmanned Center:		**City Water:**	y
		City Sewer System:	y

INSPECTOR NOTES

Facility was built in 1991; however the field above would not allow us to enter this data.

ENVIRONMENTAL RECORDS

I. PREVIOUS INSPECTIONS

						Category
	Copies of ALL Env Inspections for past 3 yrs: (BMP, 81st RSC SOP)	2	YES		N/A	3

II. HAZARDOUS WASTE MANAGEMENT

						Category
II.a	HW Min and HW MGT Plan on file: (40 CFR 262.41)	2	YES		N/A	2
II.b	Quarterly HW Generator report (Form 5-R): (BMP, 81st RSC SOP)	2	YES		N/A	3
II.c	Manifests Filed chronologically: (40 CFR 262.20)	3	YES	NO		2
II.d	HW Hauler Invoices: (40 CFR 262.20)	2	YES		N/A	2

III. HAZARDOUS MATERIALS MANAGEMENT

						Category
III.a	Haz Mat Inventory Conducted Semi-Annually (Form 6-R): (EPCRA SEC 313)	2	YES		N/A	2
III.b	Toxic Chemical Release Inventory (Form 7-R): (EPCRA SEC 313)	2	YES		N/A	2

IV. HAZARD COMMUNICATION

						Category
IV.a	Written Hazcom program: (29 CFR 1910.1201)	1		NO	N/A	2

V. SPILL REPONSE PLAN

						Category
V.a	Site specific spill plan: AR200-1, 81st RSC	2	YES		N/A	3
V.b	Emergency Contacts Current: (40 CFR 262.34)	1		NO	N/A	2
V.c	Spill Record: (40 CFR 302.06)	2	YES		N/A	2

VI. STORAGE TANK MANAGEMENT

VI.

Number of AST's:	0	Number of UST's:	0
Number of AST> than 660 gal:	0	Number of Active:	0
Tanks used for:			

VII. ENVIRONMENTAL TRAINING

						Category
VII.	Environmental Training Documented and Filed: (40 CFR 262.34, 29CFR 1910.120)	2	YES		N/A	2
	Hazwoper for AMSA/ECS/OMS personnel:: (29 CFR 1910.120)	3	YES	NO		2
	Hazwaste Handler for AMSA/ECS/ASF: (40 CFR 262.34, 29 CFR 1910.120)	3	YES	NO		2
	Annual Hazcom for all personnel:: (29 CFR 1910.1201)	2	YES		N/A	2

Category

VIII. WATER QUALITY

VIII.a	OWS Maintenance Documentation on File: 81ST RSC SOP	3	YES	NO			3
VIII.b	Storm Water Permit Required: CWA	3	YES	NO		SW Permit #:	2
VIII.c	Strorm Water Sample Record: 40 CFR 122.21	3	YES	NO			2
	SW Samples Taken Annually: 40 CFR 122.21	3	YES	NO			2
	Storm Water Plan:: 40 CFR 122.21	2	YES		N/A		2
	Storm Water Training (Annually): 40 CFR 122.21	2	YES		N/A		2

IX. AIR QUALITY

IX.	Air Emissions Statement on File: AR 200-1	2	YES		N/A		3
	Asbestos Survey on File: AR 200-1	2	YES		N/A		3
	O .M Plan: AR 200-1	2	YES		N/A		3
	Radon Test Results on File: AR 200-1	2	YES		N/A		3

X. INDOOR FIRING RANGES

X.	Record of range test: AR 200-1	2	YES		N/A		3
	Firing Range Status: 81ST RSC SOP						3
	Firing Range Closure or Conversion Date: 81ST RSC SOP						3

XI. OTHER ENV

XI.a	Pesticide letter: AR 200-1	2	YES		N/A		3
	PCB Letter: AR 200-1	2	YES		N/A		3
	ICUZ Statement on File: AR 200-1	3	YES	NO			3

AL022 HAZARDOUS MATERIAL MANAGEMENT

					Category
Sufficient ventilation for HazMats: (29 CFR 1910.106)	1		NO	N/A	2
Haz Mat/Flammable Signs: (29 CFR 1910.106)	1		NO	N/A	2
HM Covered and Off the Ground: (29 CFR 1910.106)	1		NO	N/A	2
HM Stored in Proper Container: (29 CFR 1910.106, 49 CFR 172)	1		NO	N/A	2
HM Stored is compatable: (29 CFR 1910.106, 1910.1200)	1		NO	N/A	2
POL Drums Covered: (40 CFR 112.7)	3	YES	NO		2
Storage area away from drain?: (29 CFR 1910.106, 40 CFR 112.7)	1		NO	N/A	2
HM Inventory Filed with Fire Department: (EPCRA 311, RSC SOP)	2	YES		N/A	2,3
HW/HM containers grounded: (29 CFR 1910.106, NFPA)	3	YES	NO		2
Flammable Liquids Stored in Closed Containers: (29 CFR 1910.106)	1		NO	N/A	2
No Excess HM on site:: (29 CFR 1910.106)	1		NO	N/A	2
HW/HM stored separately: (29 CFR 1910.106)	1		NO	N/A	2
MSDS's Readily Available for All HM at each HM Storage Area: (29 CFR 1910.1200)	1		NO	N/A	2
HM containers labeled properly:: (29 CFR 1910.1200)	1		NO	N/A	2

HM Note::

AL022 HAZARDOUS WASTE MANAGEMENT

					Category
Incompatible Wastes Separated: 40 CFR 262.34(d)(2)	1		NO	N/A	1,2
HW Storage Areas Inspected weekly: 40 CFR 262.34, 265.175	3	YES	NO		2
Containers Free from Leaks and Spills: 40 CFR 262.34, 265.171	1		NO	N/A	2
Waste Containers Compatible with Waste: 40 CFR 262.34, 265.172,177	1		NO	N/A	2
Hazardous Waste Lables on Containers: 40 CFR 262.34(c)(1)(ii)	3	YES	NO		2
HW Containers Kept Closed: 40 CFR 262.34, 265.173	3	YES	NO		2
Dumpster Marked "No Haz Waste Solid Only": 81ST RSC SOP	1		NO	N/A	3
Haz Waste properly disposed: 40 CFR 262.10	1		NO	N/A	2
Drip pans used to contain leaks:: 81ST RSC SOP	2	YES		N/A	3
Spill procedures posted:: 40 CFR 262.34	2	YES		N/A	2
Emergency POC posted:: 40 CFR 262.34	1		NO	N/A	2
No Distressed Vegetation/ Ground contamination Visible: 40 CFR 262.34, 265.193	1		NO	N/A	2
EPA ID # Obtained: 40 CFR 262.12	2	YES		N/A	2
EPA ID NUMBER: 40 CFR 263.12					2

Date EPA # Issued:

HW Handler Name:	
HW Handler Address:	
HW Handler Phone:	

Category: 2

HW Note::

AL022 POLLUTION PREVENTION

					Category
Anti-Freeze recycled:	3	YES	NO		3
Used oil recycled:	3	YES	NO		3
No Distressed Veg/ Ground contamination:	1		NO	N/A	2
Recycle Program for paper, cans, and lights:	1		NO	N/A	2
Recycling documented:	1		NO	N/A	2
Drip pans used to contain leaks:	2	YES		N/A	2
Batteries Recycled:	1		NO	N/A	2
Sufficient Spill Clean Up supplies:	1		NO	N/A	2,3
Vehicles Checked for Leaks:	1		NO	N/A	2

P2 Note::

WASHRACKS

WASHRACK STATUS
- OPEN
- CLOSED
- UPGRADED
- OUT OF COMPLIANCE
- N/A

OWS STATUS
- NEEDS UPDATING
- OPERATIONAL
- INOPERATIVE
- N/A

RECIRCULATION SYS
- OPERATIONAL
- INOPERATIVE
- N/A

OWS free of visible oil:	3	YES	NO		2
OWS Serviced Annually:	3	YES	NO		2
Containment Walls:	3	YES	NO		2
Soil around washrack unstained:	3	YES	NO		2
Cement Free of Cracks:	3	YES	NO		2
Washrack Covered:	3	YES	NO		2

Date Washracked Installed:

WR Note:

TABLE 1-1
SUMMARY OF FINDINGS

INSTALLATION: GORDO USARC
F ID: AL-2104AL022

Fiscal Year: 2000

SECTION NO.	TITLE	REGULATORY I	REGULATORY II	REGULATORY HS	MANAGEMENT POS	MANAGEMENT III	MANAGEMENT HS	TOTAL
A	Air Emissions	0	0	0	0	1	0	1
C	Cultural Resources	0	0	0	0	0	0	0
HM	Hazardous Materials	0	0	0	0	0	0	0
HW	Hazardous Waste	0	0	0	0	0	0	0
NR	Natural Resource	0	0	0	0	0	0	0
O1	Environmental Impacts	0	0	0	0	0	0	0
O2	Environmental Noise	0	0	0	0	0	0	0
O3	IRP	0	0	0	0	0	0	0
O4	Pollution Prevention	0	0	0	0	0	0	0
O5	Program Management	0	0	0	0	0	0	0
PM	Pesticide	0	0	0	0	1	0	1
PO	POL	0	0	0	0	1	0	1
SO	Solid Waste	0	0	0	0	0	0	0
ST	Storage Tanks	0	0	0	0	0	0	0
T1	PCB	0	0	0	0	1	0	1
T2	Asbestos	0	0	0	0	0	0	0
T3	Radon	0	0	0	0	1	0	1
T4	Lead Based Paint	0	0	0	0	0	0	0
WA	Wastewater	0	0	0	0	0	0	0
~	Water Quality	0	0	0	0	0	0	0
	TOTALS	0	0	0	0	5	0	5

Data File Name Prefix: C:\ECAS\AL022\GORDO
Date Summary Report Produced: 07/08/0

A.4.1.R #1 III ARMY/DOD FINDING Air Emissions
MANUAL QUESTION NUMBER: A-004-001-R FINDING ID: AL022-0001
FINDING CATEGORY: CLASS III
FINDING TYPE: Negative EXISTING NOV: NO
LOCATION:
IFS FACILITY NUMBER:
FACILITY TYPE: AFRC(MB) - ARMED FORCES RESERVE CENTER - MAIN BLDG

FINDING DESCRIPTION: This facility was constructed in the early 1990s; the facility includes an indoor firing range. Although it is unlikely that the range was ever utilized, the facility commander must be able to certify that the range was NEVER utilized for its intended purpose or the facility manager must obtain and maintain documentation that the range was properly sampled for lead contamination and appropriately closed.

SUGGESTED/ALTERNATIVE CORRECTIVE ACTION(S): If applicable, recommend that the facility commander certify that the range was NEVER utilized for its intended purpose or the facilty manager needs to coordinate with the 81st RSC to obtain clean closure documentation.

CRITERIA: Lead exposure for personnel should be within specific limits (MP).

FINDING COMMENTS:

STATUS OF CORRECTION:

INSTALLATION RESPONSE:
CORRECTIVE ACTION DESCRIPTION: _____

DATE CORRECTIVE ACTION COMPLETED: _____

ESTIMATED DATE CORRECTIVE ACTION TO BE COMPLETED: _____
1383 PROJECT # (IF APPLICABLE): _____

POC: _____ PHONE NUMBER: _____

T3.1.3.R #1 III ARMY/DOD FINDING Radon
MANUAL QUESTION NUMBER: T3-001-003-R FINDING ID: AL022-0002
FINDING CATEGORY: CLASS III
FINDING TYPE: Negative EXISTING NOV: NO
LOCATION:
IFS FACILITY NUMBER:
FACILITY TYPE: AFRC(MB) - ARMED FORCES RESERVE CENTER - MAIN BLDG

FINDING DESCRIPTION: No record of a radon assessment for this facility.

SUGGESTED/ALTERNATIVE CORRECTIVE ACTION(S): Facility must conduct a radon screening survey. The facility manager shall maintain the results of the radon survey on file at the reserve center.

CRITERIA: All Reserve facilities are required to perform radon measurements according to a prescribed prioritized schedule in order to identify Reserve structures with radon levels above 4 pCi/L with emphasis on identifying Priority I structures with levels greater than 20 pCi/L (AR 200-1, para 11-2a(3) and 11-4).

FINDING COMMENTS:

STATUS OF CORRECTION:

INSTALLATION RESPONSE:
CORRECTIVE ACTION DESCRIPTION: _____
_____
_____
_____
_____
_____
_____

DATE CORRECTIVE ACTION COMPLETED: _____

ESTIMATED DATE CORRECTIVE ACTION TO BE COMPLETED: _____
1383 PROJECT # (IF APPLICABLE): _____

POC: _____ PHONE NUMBER: _____

T1.1.2.R #1 III ARMY/DOD FINDING PCB
MANUAL QUESTION NUMBER: T1-001-002-R FINDING ID: AL022-0003
FINDING CATEGORY: CLASS III
FINDING TYPE: Negative EXISTING NOV: NO
LOCATION:
IFS FACILITY NUMBER:
FACILITY TYPE: AFRC(MB) - ARMED FORCES RESERVE CENTER - MAIN BLDG

FINDING DESCRIPTION: Facility does not have a copy of a PCB clearance letter on file.

SUGGESTED/ALTERNATIVE CORRECTIVE ACTION(S): Request a copy or documentation to be furnished by 81st RSC.

CRITERIA: Management and organization of paperwork, materials, and personnel should be done in a manner that prevents noncompliance and recurrence of noncompliance, precludes/minimizes regulatory enforcement actions (including warning letters etc.), promotes good public relations, and addresses systemic weaknesses in the overall operation of the program (MP).

FINDING COMMENTS:

STATUS OF CORRECTION:

INSTALLATION RESPONSE:
CORRECTIVE ACTION DESCRIPTION: _____

DATE CORRECTIVE ACTION COMPLETED: _____

ESTIMATED DATE CORRECTIVE ACTION TO BE COMPLETED: _____
1383 PROJECT # (IF APPLICABLE): _____

POC: _____ PHONE NUMBER: _____

PM.1.11.R #1 III ARMY/DOD FINDING Pesticide
MANUAL QUESTION NUMBER: PM-001-011-R FINDING ID: AL022-0004
FINDING CATEGORY: CLASS III
FINDING TYPE: Negative EXISTING NOV: NO
LOCATION:
IFS FACILITY NUMBER:
FACILITY TYPE: AFRC(MB) - ARMED FORCES RESERVE CENTER - MAIN BLDG

FINDING DESCRIPTION: Facility grounds has significant infestation of fire ants; facility manager does not have a contractor available for pest control.

SUGGESTED/ALTERNATIVE CORRECTIVE ACTION(S): Facility needs to have a pest control contractor furnished by 81st RSC.

CRITERIA: Facilities are required to meet specified measures of merit in the pest management program (DODI 4150.7, Enclosure 3) [May 1996].

FINDING COMMENTS:

STATUS OF CORRECTION:

INSTALLATION RESPONSE:
CORRECTIVE ACTION DESCRIPTION: _____
_____
_____
_____
_____
_____
_____

DATE CORRECTIVE ACTION COMPLETED: _____

ESTIMATED DATE CORRECTIVE ACTION TO BE COMPLETED: _____
1383 PROJECT # (IF APPLICABLE): _____

POC: _____ PHONE NUMBER: _____

PO.5.1.R #1 III ARMY/DOD FINDING POL
MANUAL QUESTION NUMBER: PO-005-001-R FINDING ID: AL022-0005
FINDING CATEGORY: CLASS III
FINDING TYPE: Negative EXISTING NOV: NO
LOCATION:
IFS FACILITY NUMBER:
FACILITY TYPE: AFRC(MB) - ARMED FORCES RESERVE CENTER - MAIN BLDG

FINDING DESCRIPTION: Facility does not have a site specific SPCC plan per the 81st RSC SOP.

SUGGESTED/ALTERNATIVE CORRECTIVE ACTION(S): Apply 81st RSC SOP to facility by command memorandum or letter for record detailing site specific requirements.

CRITERIA: The DOD and Army require SPCC Plans to be developed for a broader range of activities than the Code of Federal Regulations (DODD 5030.41, para D; AR 200-1, para 3-3b(1), 3-3b(1))(Jan 1997).

FINDING COMMENTS:

STATUS OF CORRECTION:

INSTALLATION RESPONSE:
CORRECTIVE ACTION DESCRIPTION: _____

DATE CORRECTIVE ACTION COMPLETED: _____

ESTIMATED DATE CORRECTIVE ACTION TO BE COMPLETED: _____
1383 PROJECT # (IF APPLICABLE): _____

POC: _____ PHONE NUMBER: _____

DEPARTMENT OF THE ARMY
416th Adjutant General Detachment
25226 Highway 82
Gordo, AL 35466-2227

REPLY TO
ATTENTION OF

ARRC-SLA-FLDQ

20 November 2010

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Appointment as Radiation Safety Officer (RSO)

1. The guidance provided from the 207th Regional Support Group's Safety and Occupational Health Specialist states that a RSO is not required for a Unit that does not have equipment that contains radiation.

2. The 416th Adjutant Detachment does not have equipment that contains radiation.

3. Point of Contact for this memorandum is the undersigned at (205) 364-7171.

Mallory Tidwell
MALLORY P. TIDWELL
1LT, AG
Commanding

DISTRIBUTION:
1-Individual
1-Indiv MPRJ
1-Additional Duty Book
1-BN

Appendix G
Qualifications of the Environmental Professional

Michael Brose

Environmental Scientist

Mr. Brose is a project manager and an environmental scientist in CH2M HILL's Atlanta, Georgia office. He has 18 years of experience with remediation projects and performing Phase I and Phase II environmental site assessments (ESAs), environmental baseline surveys (EBSs), and environmental condition of property (ECP) reports.

Education
• B.S., Chemistry, Wayne State University, Detroit, Michigan, 1992 • Post-Bachelors Certificate, Hazardous Material Management, Wayne State University, Detroit, Michigan, 1993
Distinguishing Qualifications
• 12 years of experience as a project manager. • 18 years of experience with remediation projects. • Qualified under 40 CFR §312.10(b) to perform Phase I ESAs as an Environmental Professional. • Performed over 70 Phase I ESA reports for federal and commercial clients

Representative Projects

Lead Environmental Scientist; ECP; USACE Mobile on Behalf of the Marine Corps Support Facility (MCSF) Blount Island; September 2012 to December 2012. Completed 188 ECP checklist reports for all the facilities located at MCSF Blount Island.

Project Manager and Lead Environmental Scientist; Environmental Baseline Survey; Air National Guard; Harrisburg, Pennsylvania; October 2011 to May 2012. Prepared an EBS for the acquisition by ANG of three land parcels adjacent to Harrisburg International Airport.

Project Manager and Lead Environmental Scientist; ECP and Record of Environmental Consideration (REC); USACE Mobile on behalf of the Defense Logistics Agency (DLA); Multiple Buildings at Various Navy Installations; June 2010 to September 2011. The sites include 14 installations within the continental U.S. and 3 overseas (Okinawa, Japan; Rota, Spain; and Naples, Italy). Managed a team of environmental professionals. Managed a multi-disciplinary team of technologists that addressed key resource areas for preparing RECs. Responsible for technical guidance and senior review of deliverables, as well assuring that the project stayed within schedule and budget.

Lead Environmental Scientist; ECP; USACE Mobile on behalf of the Department of the Navy (DON); August 2011 to October 2011. Prepared two ECPs at the MCSF Blount Island using the DON's new ECP checklist. One parcel was being transferred to the Jacksonville Port Authority (JPA) and one parcel was being acquired from JPA. This was a quick turnaround project that was completed under budget and within the shortened schedule.

Lead Environmental Scientist and Task Manager; EBS; USACE Mobile on Behalf of Eglin Air Force Base; Fort Walton, Florida; October 2010 to March 2011. Managed a team that prepared two EBSs for proposed wastewater treatment pipelines. The scope included oversight of the visual site inspection, technical guidance and review of the deliverables, and signatory of the final deliverable as the qualified environmental professional under 40 CFR §312.10(b) to perform Phase I ESAs, as well assuring that project stayed within schedule and budget.

Project Manager and Lead Environmental Scientist; ECP; USACE Mobile on Behalf of the DLA; Portsmouth Naval Shipyard, Kittery Maine; March 2010. Managed a team that prepared an ECP on six buildings to be transferred to the DLA from the Navy. Work included oversight of the visual site inspection, technical guidance and review of the deliverables, and signatory of the final deliverable as a qualified environmental professional under 40 CFR §312.10(b) to perform Phase I ESAs, as well assuring that project stayed within schedule and budget.

Project Manager; ECP; USACE Mobile on Behalf of the DLA; Pearl Harbor, Hawaii; March 2010. Managed a team that prepared an ECP for seven buildings to be transferred to the DLA from the Navy. Responsibilities included oversight of the visual site inspection, technical guidance and review of the deliverables, and signatory of the final deliverable as a qualified environmental professional under 40 CFR §312.10(b) to perform Phase I ESAs, as well assuring that project stayed within schedule and budget.

Lead Environmental Scientist and Task Manager; EBS; Anniston Army Depot; Anniston, Alabama; June 2009. Supervised the preparation of an EBS for property to be purchased from a railroad adjacent to the Depot. This included oversight of the visual site inspection, technical guidance and review of the

deliverables, and signatory of the final deliverable as a qualified environmental professional under 40 CFR §312.10(b) to perform Phase I ESAs, as well assuring that project stayed within schedule and budget. A Phase II effort followed, which included collecting soil samples along the property.

Project Manager; ECP; USACE Mobile on Behalf of the DLA; Various Locations; February 2009 to September 2009. Managed the preparation of four ECPs for the transfer of warehouses at naval installations (Marine Corps Logistics Base, Albany, Georgia; Norfolk Navy Shipyard, Portsmouth, Virginia; Naval Station Kitsap, Bremerton, Washington; and Marine Corps Logistics Base, Barstow, California) in which the DLA was taking management responsibility. Managed a team of qualified environmental professionals. Responsible for technical guidance and senior review of deliverables, as well assuring that project stayed within schedule and budget.

Lead Environmental Scientist and Task Manager; ECP; USACE Mobile; Homestead, Florida; January 2009 to July 2009. Managed the development of an ECP for the construction of a U.S. Army Special Operations Command South (SOCSOUTH) Headquarters facility. SOCSOUTH recently relocated its headquarters to a temporary facility on Homestead Air Reserve Base (HARB), Florida. Managed a team of qualified environmental professionals. Responsible for technical guidance and senior review of deliverables, as well assuring that project stayed within schedule and budget.

Lead Environmental Scientist and Task Manager; EBS; AFCEE; Various Locations; 2008 to 2009. Managed the preparation of four environmental baseline studies for U.S. Air Force Bases in South Carolina, Tennessee, and Mississippi (Shaw, Arnold, Charleston, and Keesler). Managed a team of qualified environmental professionals. Responsible for technical guidance and senior review of deliverables, as well assuring that project stayed within schedule and budget.

Lead Environmental Scientist; EBS; Arnold Air Force Base, Tennessee; 2008. Prepared an EBS for the Morris Ferry Boat Dock at Arnold Air Force Base. Was the signatory of the final deliverable as a qualified environmental professional under 40 CFR §312.10(b) to perform Phase I ESAs.

Lead Environmental Scientist and Task Manager; Phase I ESA, NEPA Documentation, and Environmental Studies Support; USACE Mobile District on Behalf of U.S. Customs and Border Protection; June 2007 to December 2008. Managed the preparation of 14 ESAs on property to be used for the expansion of Border Patrol stations along the southern U.S. border. Managed a team of qualified environmental professionals. Responsible for technical guidance and senior review of deliverables, as well assuring that project stayed within schedule and budget.

Lead Environmental Scientist; EBS; U.S. Air Force; Forward Operating Location, Manta, Ecuador; 2007. Conducted an EBS at the U.S. Air Force forward operating (FOL) location in Manta, Ecuador. The scope included the entire U.S. portion of the air base.

Lead Environmental Scientist; EBS; Forward Operating Location, Curacao, Netherland Antilles; 2007. Conducted an EBS at the U.S. Air Force FOL in Manta, Ecuador. The scope included the entire U.S. portion of the air base.

Lead Environmental Scientist; Phase I ESA; Confidential Client; 2007. Conducted a Phase I ESA for the sale of a chemical plant in Atlanta, Georgia.

Lead Environmental Scientist; Phase I ESA; MARTA; 2006 to 2007 Assessed five separate properties for proposed acquisition in accordance with all appropriate inquiries (AAI) guidelines in Atlanta, Georgia.

Lead Environmental Scientist; Phase I ESA; FPL Energy; 2005. Prepared a Phase I ESA for 36 square miles of property with over 100 property owners for a placement of wind turbines near Abilene, Texas.