APPENDIX B

PERMIT DOCUMENTATION
FORT McCLELLAN, ALABAMA

B.1 REVISED RCRA PART A PERMIT APPLICATION FOR FORT McCLELLAN, OCTOBER 29, 1985

B.2 RCRA PART B PERMIT APPLICATION FOR PELHAM RANGE, DECEMBER 13, 1988

B.3 NPDES PERMIT COVERSHEETS

B.4 AIR PERMIT COVERSHEETS

B.5 SOLID WASTE DISPOSAL FACILITY PERMIT

B.6 WATER SUPPLY PERMIT COVERSHEETS

B.1 REVISED RCRA PART A PERMIT APPLICATION FOR FORT McCLELLAN, OCTOBER 29, 1985 (as received)

(Fill-in areas are spaced for elite type, i.e., 12 characters/inch)

Form Approved OMB No. 158-S80004

FORM 3 RCRA

U.S. ENVIRONMENTAL PROTECTION AGENCY

HAZARDOUS WASTE PERMIT APPLICATION

Consolidated Permits Program

(This information is required under Section 3005 of RCRA.)

EPA I.D. NUMBER: F A T 4 2 1 0 0 2 0 5 6 2

FOR OFFICIAL USE ONLY

APPLICATION APPROVED	DATE RECEIVED (yr., mo., & day)	COMMENTS

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below *(mark one box only)* to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

A. FIRST APPLICATION *(place an "X" below and provide the appropriate date)*

☐ 1. EXISTING FACILITY *(See instructions for definition of "existing" facility. Complete item below.)*

FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED *(use the boxes to the left)*

C	YR.	MO.	DAY
8			

☐ 2. NEW FACILITY *(Complete item below.)*

FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN

YR.	MO.	DAY

B. REVISED APPLICATION *(place an "X" below and complete Item I above)*

☒ 1. FACILITY HAS INTERIM STATUS

☐ 2. FACILITY HAS A RCRA PERMIT

III. PROCESSES – CODES AND DESIGN CAPACITIES

A. PROCESS CODE – Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process *(including its design capacity)* in the space provided on the form *(Item III-C)*.

B. PROCESS DESIGN CAPACITY – For each code entered in column A enter the capacity of the process.

1. AMOUNT – Enter the amount.
2. UNIT OF MEASURE – For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:		
CONTAINER *(barrel, drum, etc.)*	S01	GALLONS OR LITERS
TANK	S02	GALLONS OR LITERS
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS
Disposal:		
INJECTION WELL	D79	GALLONS OR LITERS
LANDFILL	D80	ACRE-FEET *(the volume that would cover one acre to a depth of one foot)* OR HECTARE-METER
LAND APPLICATION	D81	ACRES OR HECTARES
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Treatment:		
TANK	T01	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
OTHER *(Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.)*	T04	GALLONS PER DAY OR LITERS PER DAY

UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G
LITERS	L
CUBIC YARDS	Y
CUBIC METERS	C
GALLONS PER DAY	U
LITERS PER DAY	V
TONS PER HOUR	D
METRIC TONS PER HOUR	W
GALLONS PER HOUR	E
LITERS PER HOUR	H
ACRE-FEET	A
HECTARE-METER	F
ACRES	B
HECTARES	Q

EXAMPLE FOR COMPLETING ITEM III *(shown in line numbers X-1 and X-2 below)*: A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

DUP

NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY 1. AMOUNT (specify)	2. UNIT OF MEASURE (enter code)	FOR OFFICIAL USE ONLY	LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY 1. AMOUNT	2. UNIT OF MEASURE (enter code)	FOR OFFICIAL USE ONLY
X-1	S02	600	G		5				
2	T03	20	E		6				
	S01	660	G		7				
2					8				
					9				
4									

B.1-1

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CONTINUE ON REVERSE

d from the front.

PROCESSES *(continued)*

PACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES *(code "T04")*. FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

T04 - An open detonation site for unexploded ordnance. Approximately 500 pounds of explosives disposed each year. Site vicinity map has been attached.

D80 - Remove process from initial Part A Application. Asbestos has since been removed from RCRA listed hazardous wastes.

DESCRIPTION OF HAZARDOUS WASTES

1 **HAZARDOUS WASTE NUMBER** — Enter the four—digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you dle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four—digit number*(s)* from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

ESTIMATED ANNUAL QUANTITY — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual s. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non—listed waste*(s)* that will be handled ch possess that characteristic or contaminant.

UNIT OF MEASURE — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

acility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into ount the appropriate density or specific gravity of the waste.

PROCESSES

1 PROCESS CODES:

For listed hazardous waste: For each listed hazardous waste entered in column A select the code*(s)* from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non—listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code*(s)* from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non—listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code*(s)*.

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

: **HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER** — Hazardous wastes that can be described by than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B,C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.

Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

XAMPLE FOR COMPLETING ITEM IV *(shown in line numbers X-1, X-2, X-3, and X-4 below)* — A facility will treat and dispose of an estimated 900 pounds er year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non—listed wastes. Two wastes rrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES 1. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
X-1	K054	900	P	T03 D80	
	D002	400	P	T03 D80	
X-3	D001	100	P	T03	
	D002				included with above

B.1-2

CONTINUE ON PAGE 3

Continued from page 2.
NOTE. Photocopy this page before completing if you h. ore than 26 wastes to list.

Form Approved OMB No 158-S80004

EPA I.D. NUMBER (enter from page 1)	FOR OFFICIAL USE ONLY
W A L 4 2 1 0 0 2 0 5 6 2 1	W DUP 2 DUP

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

LINE NO.	A. EPA HAZARD WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES 1. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U013	0	A	D80 landfill	
2	P090	0	P	S01	
3	U061	0	P	S01	
4	D002	400	G	S01	
5	D008				
6	D007				
7	U052	1	G	S01	
8	U080				
9	U188				
10	U159	2.5	G	S01	
11	U140				
12	D007	800	G		
13	D002	300	G	S01	
14	D002	60	G	S01	
15	U228	0.5	G	S01	
16	D008	165		S01	
17	D001	5	G	S01	
18	P030	60	G	S01	
19	D001	500	P	T04 detonation	
20	D003				
21					
22					
23					
24					
25					
26					

B.1-3

EPA Form 3510-3 (6-80)

CONTINUE ON REVERSE

Continued from the front.

V. DESCRIPTION OF HAZARDOUS WASTES (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

EPA I.D. NO. (enter from page 1): AL4210025626

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground—level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)	LONGITUDE (degrees, minutes, & seconds)
33 43 03.5	085 48 02.7

VIII. FACILITY OWNER

☐ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER	2. PHONE NO. (area code & no.)
U.S. Army Chemical and Military Police Centers & Fort McClellan	205-238-3758

3. STREET OR P.O. BOX	4. CITY OR TOWN	5. ST.	6. ZIP CODE
U.S Hwy 21 N	G Fort McClellan	AL	36205

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

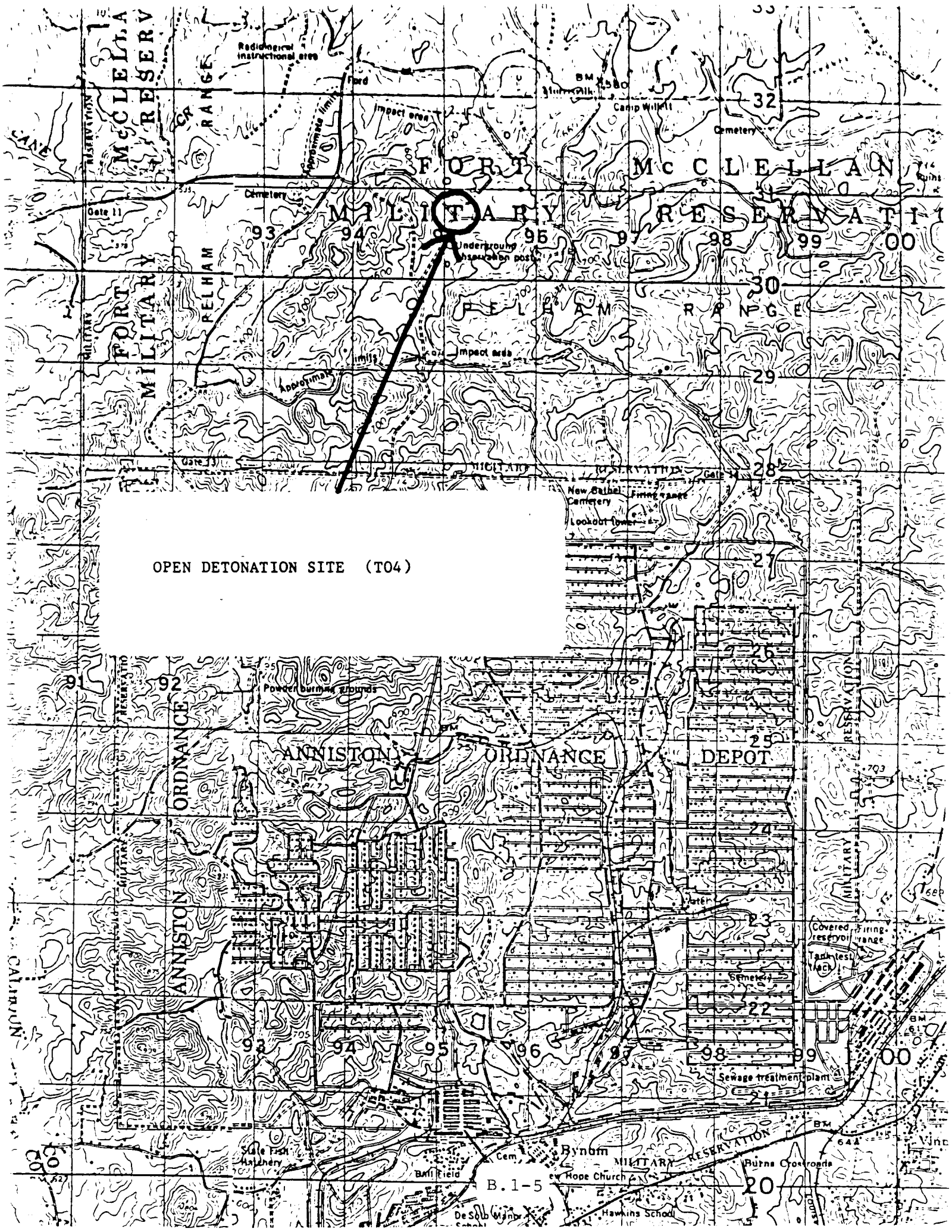
A. NAME (print or type)	B. SIGNATURE	C. DATE SIGNED
GERALD G. WATSON, MG,USA, Commanding	Gerald G. Watson	29 Oct 85

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)	B. SIGNATURE	C. DATE SIGNED
RALD G. WATSON, MG, USA, Commanding	Gerald G. Watson	29 Oct 85

B.1-4


OPEN DETONATION SITE (T04)
FORT McCLELLAN
MILITARY RESERVATION
PELHAM RANGE
Radiological instructional area
Ford
Impact area
Approximate limits
Camp Wilkill
Cemetery
Gate 11
Gate 13
Gate 14
Underground observation post
New Bethel Cemetery
Firing range
Lookout tower
Powder burning grounds
ANNISTON ORDNANCE DEPOT
Covered reservoir
Firing range
Tank test track
Sewage treatment plant
State Fish Hatchery
Ball field
Bynum
Burns Crossroads
Hawkins School
DeSoto Minor School
CALHOUN
CLEBURNE
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B.2 RCRA PART B PERMIT APPLICATION FOR PELHAM RANGE, DECEMBER 13, 1988
(as received)

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Reference B Road Map (Transfer Route Marked in Black)

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Reference I Flood Plain Map

Reference J	Groundwater Recharge Areas Subceptable to Surface Contamination
Reference K	Distribution of Isolated Aquifers in Areas Underlain by the Knox Group, the Artesian Aquifer in the Weisner Formation at Anniston, and the Recharge Area for Coldwater Spring
Reference L	Standard Operating Procedures for Safety in Explosive Ordnance Disposal OB/OD Operations
Reference M	Munitions List for Demilitarization
Reference N	Fort McClellan SPCC/ISCP

GENERAL DESCRIPTION

The open burning/open detonation (OB/OD) site is located on Pelham Range in the western portion of Calhoun County, Alabama, 0.5 miles west of U.S. 431. Pelham Range consists of 22,245 acres utilized for Department of Army training and maneuvers. It is immediately bordered by Anniston Army Depot to the south, and unpopulated, agriculatural lands to the east, west and north. 1980 census revealed county population of 119,761, and the population of Anniston is 29,523.

PHYSICAL CHARACTERISTICS

The OB/OD site is located at 700 feet above sea level and lies within the Valley and Ridge physiographic province of the Appalachian Highlands. Calhoun County descends from the mountainous Choccolocco Ridge in the east to flat or rolling as it approaches the western border delineated by the Coosa River.

Pelham Range overlays Cambrian and Ordovician dolomites estimated at 2,000 feet thick. The dolomites are covered with a clay/soil mix or chert.

Calhoun County's water table is contiguous to the land's surface with a southern and westward migration toward the Coosa River. Recharge and discharge occur naturally and artificially and correlate to seasonal variation. Natural annual recharge is approximately a quarter of the precipitation. The greater part of recharge moves parallel to Jacksonville Fault and follows topographic highs of Coldwater Mountain.

As typical of Cambrian and Ordovician dolomites groundwater is transferred by fractures or solution channels and is not readily available. Four wells are located upgradiant from the OB/OD site with yields of 10-50 gallons per minute. There are no downgradient wells within Pelham Range boundaries. Groundwater is used for domestic purposes by adjacent landowners. Cane Creek and its tributaries are the only surface waters on Pelham Range. Tributaries are runoff, except Willett Springs, which provides live feed to Cane Creek. Cane Creek flows westerly joining the Coosa River.

The area receives 52.2 inches of precipitation annually. Prevailing winds are northwesterly. Mean temperature is 62.5 degrees Fahrenheit.

OPEN BURNING/OPEN DETONATION

The OB/OD site is within the impact areas of Ranges 50-56, and is included in the tank gunnery firing fan. The facility consists of unlined craters within this Danger Zone.

The craters range from 25-30 feet in diameter, and are 12 feet deep. The craters are randomly placed and the results of repeated detonations.

The OB/OD site is located approximately 2,000 feet northwest of an intermittant tributary to Cane Creek, at longitude 86

degrees-57'-30" and latitude 33 degrees N-42'-30". It is not within a flood plain. No faults having been displaced in Holocene time are near the OB/OD site.

TRAFFIC

Routes utilized for transport of explosive ordnance are hard surface, heavy duty roads controlled by traffic signals and stop signs from Fort McClellan to Pelham Range. Improved, light duty roads and chert roads provide access to ranges and training areas on Pelham Range. Unimproved dirt tracks provide access to range targets, interiors, forest management and hunting areas. All roadways except unimproved dirt tracks have landbearing capacity sufficient for tanks and heavy construction equipment.

THREATENED OR ENDANGERED SPECIES

No threatened or endangered species occupy Pelham Range.

This permit is required in order that OB/OD operations on Pelham Range may continue. This unit is used solely for the demilitarization of ordnance and munitions as described in this permit application. The bulk of munitions disposed are Class C small arms munitions, considered nonhazardous. Occasionally Class A or B items are destroyed. A typical inventory is included in the references.

The sole use of the Pelham Range OB/OD site is to render nonhazardous Class C munitions and Class A & B explosives (considered hazardous based on reactivity) nonreactive by inducing the materials to detonate or burn under controlled circumstances. No liquid wastes are disposed of at this OB/OD unit, nor is it utilized for any purpose other than that described here. All elements contributing to a hazardous rating are destroyed by the OB/OD process.

The objective of OB/OD operations is to render reactive (Class A or B) and Class C munitions nonreactive. The destruction process (either OB or OD) occurs 5-6 times annually and can last up to 2-3 hours. Approximately 360 lbs. of munitions are destroyed per burn.

OPEN BURNING (OB)

Burning is high temperature oxidation of fuel with a release of heat and combustion products. To achieve burning, ordnance is placed within the demolition pit, primed and remotely initiated.

As the wastes burned at Pelham Range are nonreactive and difficult to induce to combustion, they are packed with refuse (ammunition storage boxes, crates, etc.) and saturated with diesel fuel prior to initiation of 4 gallon containers of gasoline. End products of OB are gaseous end products, particulate matter.

OPEN DETONATION (OD)

Detonation is a chemical reaction induced by a shock-wave (also known as a detonation wave). Items marked for destruction are positioned within the demolition pit to expose the largest surface area to the initiating charge. Detonating blocks are distributed through the items and primed. Electrical initiation of detonation is performed remotely.

A maximum of 40 pounds (including initiating materials) can be destroyed per detonation. Typically C4 plastic explosives coupled with a time fuse or blasting cap are employed in the process. End products of OD are effluent gases, particulate matter and noise.

For both OB and OD operations ordnance is collected at the Ammunition Storage Point (ASP) until sufficient quantity is collected to warrant demilitarization. The decision to burn or detonate is based on cost feasibility.

PATHS OF MIGRATION & ADVERSE AFFECTS

Paths of migration and adverse affects for OB & OD operations are virtually identical and will be addressed as such. Migratory paths are air, water (surface and groundwater), soil, and noise. Adverse affects are the degradation of these mediums, or the lives and property of individuals within the range of OB/OD residual.

AIR

Calhoun County's air quality is well within ambient standards and is unlikely to be affected by these operations. Considerations supporting this conclusion area:

(1) Short duration and infrequency of OB/OD operations.
(2) Location of OB/OD unit is sufficiently isolated that mixing or setting of residues occurs before the public is reached.
(3) Items treated by OB/OD operations are reactive wastes, creating little or no hazard from residual end products.
(4) Standard operating procedure requires OB/OD be performed only under optimum conditions (clear days with less than 15 mph winds) minimizing scattering or airborne particles but maximizing vertical mixing.
(5) Pathways for exposure of humans, domestic animals, crops, vegetation or physical structures is limited because none of these occupies the area. Impact noise and human activity minimize wildlife in the area.

SURFACE WATER

Contamination of surface water is not a threat because:

(1) No surface water exists within 2,000 feet of the OB/OD site.

(2) Infrequency, short duration, conditions associated with an OB/OD operation and typical byproducts make migration of waste constituents unlikely.

GROUNDWATER

The recharge area of groundwater in Calhoun County lies parallel to Jacksonville Fault and follows topographic highs of Coldwater Mountain and is not threatened by OB/OD activities.

SOIL

Rendering reactive munitions nonreactive typically involves only soil displacement within a localized area. No permanent degradation of soil is indicated by current data regarding OB/OD operations.

NOISE

Installation Compatibility Use Zone (ICUZ) studies indicate no noise associated with the interior ranges is sufficient to encroach upon adjacent landowners.

SECONDARY PATHWAYS

Secondary pathways can be defined as those avenues of migration permitting contamination to enter the food chain. Destruction of reactive munitions does not produce adequate residual to threaten food crops, domestic livestock, or agriculture operations. Additionally, none of these operations exist within the borders of Pelham Range.

SAFETY

Reference Standard Operating Procedure for safety measures specific to OB/OD operations.

TRANSPORTATION

All munitions are transported to the OB/OD in military vehicles under supervision of armed guards. Detonators and munitions are not transported in the same vehicle. All materials transferred are inherently stable.

SECURITY

The OB/OD site is located well within the borders of Pelham Range (2.8 miles from the western boundary, 3.7 miles from the eastern boundary, 3.2 miles from the northern boundary, and 1.1 mile from the southern boundary). Land adjacent to Pelham Range is undeveloped and used for silviculture and agricultural activities. Anniston Army Depot occupies the southern boundary of Pelham Range restricting access from that direction. The reservation is completely fenced, with eleven of thirteen gates locked against unauthorized entry. The perimeter of Pelham Range is posted against trespassing. Guards are posted nightly at the two gates accessing U.S. 431. Pelham Range is patrolled after sundown by military police. Dirt track, requiring off road vehicles, provide access to the OB/OD site. Because this unit is located within the firing fan of large calibre weapons it is designated as an impact area. Impact areas are restricted due to the presence of live munitions on the ground and subsurface. Entry is prohibited by posting signs. The track is blocked with metal cable or chains when not in use.

INSPECTION-SCHEDULE

Visual site inspections will be conducted every 180 days. It is standard operating procedure to survey OB/OD pits after an operation to insure complete disposal.

CLOSURE PLAN

The OB/OD site will not be closed unless training ceases and Pelham Range is abandoned by the U.S. Army. Should possession be

relinquished the following actions will insure clean closure:

(1) Surface and subsurface removal of live munitions.
(2) Soil bore sampling to 24" below gorund level.
(3) Analysis of samples for E.P. Toxicity, and any compounds or degradation products on hazardous constituents list (40 CFR 261) that study indicates were not rendered innocuous by OB/OD operations.
(4) Removal and disposal of contaminated soils. Closure parameters are E.P. Toxicity limitations as set forth in Table of 40 CFR 261, Subpart C.

OB/OD Contingency Plan Because of the special nature of ordnance, the explosive ordance disposal (EOD) unit functions as an emergency response team when an emergency involving munitions occurs. The EOD unit is the agent responsible for transporting munitions to the demilitarization facility, and therefore will be on site in event of a munitions spill. Law enforcement agencies, in concert with the Local Emergency Planning Committee (CEPC), maintain an understanding with the EOD unit that the groups will provide support as needed. The EOD unit is in direct communications with local police departments, Calhoun County Sheriff's Department, and Alabama State Troopers who stop or direct traffic in a spill event on public roadways. Further action affecting the public (such as evacuation) will be coordinated by the Calhoun County CEPC. A spill event on Ft. McClellan or Pelham Range would initiate the same procedures, utilizing the Provost Marshal, and Emergency Operations Center (EOC) as outlined above. The EOD unit assumes responsibility for clean up of a spill. The munitions are solid articles (as opposed to liquid, gases, or fine, granular powders). Cleanup shall consist of recovering and repacking the items, to be followed by a security sweep insuring all items have been gathered. If feasible, demolition shall be continued. In situations where destruction cannot proceed, the ordnance will be returned to the Ammunition Storage Point (ASP) until such time as the mission can be completed. Emergency equipment cannot be stored on the OB/OD site, but is transported with the munitions. An emergency medical technician supports the OB/OD operation and the following emergency equipment is standard in vehicles transporting ordnance designated for destruction:

Two way radio communications system
Protective clothing (flak jacket, safety glasses, helmet, gloves)
Fire extinguisher
Trauma kit
Nonsparking tools

Personnel designated as the Officer in Charge serve as emergency operations coordinator in case of an accidental release. One of these individuals is on duty at all times. They are:

SFC Dave W. Drehs, 142nd ORD DET (EOD), (205) 238-1477 (home), 848-5124/238-1477 (work).
SSG Richard B. Zeitlin, 317 Ponderosa Trail, Eastaboga, AL, (205) 831-9604 (home), 848-4124/238-1477 (work).

TRAINING All members of the EOD unit attend a six month EOD

school sponsored by the U.S. Navy. This course covers all demilitarization processes, including disposal and demolition. Additionally, EOD team members are trained in emergency medical techniques.

MANIFESTING It is Department of Defense (DOD) policy (14 Oct 86 DOD instruction) that "...the assignment of intent to dispose of or destroy a military munition... defines the point at which RCRA applies. This is...when the ammunition transfer...is signed...acknowledging receipt...at a demilitarization facility." The intent of this instruction is to allow the munitions/ordnance to be recalled for use should it become necessary. Historically, regulatory agencies have been satisfied with this operating procedure, which does not require manifesting.

WASTE ANALYSIS Munitions/ordnance destroyed through OB/OD operations can be visually identified as to calibre, type, etc. Further analysis of these reactive materials should not be required, but is available through historical records. Any additional analysis required by regulatory agencies will be provided by means of commercial contract, and address specific parameters detailed by the agency.

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved [illegible]

United States Environmental Protection Agency
Washington, DC 20460

EPA Notification of Hazardous Waste Activity

Please refer to the instructions for Filing Notification before completing this form. The information requested here is required by law (Section 3010 of the Resource Conservation and Recovery Act)

For Official Use Only

Comments

C
C

Installation's EPA ID Number		Approved	Date Received (yr mo day)
C F	T/A C 1		

I. Name of Installation

PELHAM RANGE

II. Installation Mailing Address

Street or P.O. Box

C 3 USACML&MPCEN&FM ATTN:ATZN-FEE

City or Town	State	ZIP Code
C 4 FT MCCLELLAN	AL	36205

III. Location of Installation

Street or Route Number

C 5 HIGHWAY 431 NORTH

City or Town	State	ZIP Code
C 6 ANNISTON	AL	36201

IV. Installation Contact

Name and Title (last, first, and job title)	Phone Number (area code and number)
C 2 BEVERLEY HAYES	205 848 3758

V. Ownership

A. Name of Installation's Legal Owner	B. Type of Ownership (enter code)
C 8 DEPT OF ARMY	FF

VI. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. Refer to instructions.)

A. Hazardous Waste Activity

- ☐ 1a. Generator
- ☐ 1b. Less than 1,000 kg/mo.
- ☐ 2. Transporter
- ☒ 3. Treater/Storer/Disposer
- ☐ 4. Underground Injection
- ☐ 5. Market or Burn Hazardous Waste Fuel (enter 'X' and mark appropriate boxes below)
  - ☐ a. Generator Marketing to Burner
  - ☐ b. Other Marketer
  - ☐ c. Burner

B. Used Oil Fuel Activities

- ☐ 6. Off-Specification Used Oil Fuel (enter 'X' and mark appropriate boxes below)
  - ☐ a. Generator Marketing to Burner
  - ☐ b. Other Marketer
  - ☐ c. Burner
- ☐ 7. Specification Used Oil Fuel Marketer (or On site Burner) Who First Claims the Oil Meets the Specification

VII. Waste Fuel Burning: Type of Combustion Device (enter 'X' in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices.)

☐ A. Utility Boiler ☐ B. Industrial Boiler ☐ C. Industrial Furnace

VIII. Mode of Transportation (transporters only — enter 'X' in the appropriate box(es)

☐ A. Air ☐ B. Rail ☒ C. Highway ☐ D. Water ☐ E. Other (specify)

IX. First or Subsequent Notification

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

☒ A. First Notification ☐ B. Subsequent Notification (complete item C)

C. Installation's EPA ID Number

Form 8700-12 (Rev. 11-85) Previous edition is obsolete

Continue on reverse

ID — For Official Use Only	
C	T/A C
W	

X. Description of Hazardous Wastes *(continued from front)*

A. Hazardous Wastes from Nonspecific Sources. Enter the four-digit number from 40 *CFR* Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
7	8	9	10	11	12

B. Hazardous Wastes from Specific Sources. Enter the four-digit number from 40 *CFR* Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

C. Commercial Chemical Product Hazardous Wastes. Enter the four-digit number from 40 *CFR* Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48

D. Listed Infectious Wastes. Enter the four-digit number from 40 *CFR* Part 261.34 for each hazardous waste from hospitals, veterinary hospitals, or medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54

E. Characteristics of Nonlisted Hazardous Wastes. Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. *(See 40 CFR Parts 261.21 — 261.24)*

- ☐ 1. Ignitable *(D001)*
- ☐ 2. Corrosive *(D002)*
- ☒ 3. Reactive *(D003)*
- ☐ 4. Toxic *(D000)*

XI. Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment

Signature	Name and Official Title *(type or print)*	Date Signed
Billy R. Shanks	for RICHARD L. GOODYEAR, LTC, EN, DEH	13 Dec 88

EPA Form 8700-12 (Rev. 11-85) Reverse

FORM 1 GENERAL

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY

GENERAL INFORMATION

Consolidated Permits Program

(Read the "General Instructions" before starting.)

I. EPA I.D. NUMBER

F

LABEL ITEMS

I. EPA I.D. NUMBER

III. FACILITY NAME

V. FACILITY MAILING ADDRESS

VI. FACILITY LOCATION

PLEASE PLACE LABEL IN THIS SPACE

GENERAL INSTRUCTIONS

If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent *(the area to the left of the label space lists the information that should appear)*, please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI *(except VI-B which must be completed regardless)*. Complete all Items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK "X" YES	NO	FORM ATTACHED
A. Is this facility a **publicly owned treatment works** which results in a **discharge to waters of the U.S.**? (FORM 2A)		X	
B. Does or will this facility *(either existing or proposed)* include a **concentrated animal feeding operation** or **aquatic animal production facility** which results in a **discharge to waters of the U.S.**? (FORM 2B)		X	
C. Is this a facility which currently results in discharges to **waters of the U.S.** other than those described in A or B above? (FORM 2C)		X	
D. Is this a proposed facility *(other than those described in A or B above)* which will result in a **discharge to waters of the U.S.**? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of **hazardous wastes**? (FORM 3)	X		
F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X	
H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed **stationary source** which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	
J. Is this facility a proposed **stationary source** which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

III. NAME OF FACILITY

1 SKIP PELHAM RANGE

IV. FACILITY CONTACT

A. NAME & TITLE *(last, first, & title)*	B. PHONE *(area code & no.)*
2 BEVERLEY HAYES ENV SPEC INT	205 848 3759

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX

3 USACML&MPCEN&FM ATTN:ATZN-FEE

B. CITY OR TOWN	C. STATE	D. ZIP CODE
4 FT MCCLELLAN	AL	36205

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER

5 HIGHWAY 431 NORTH

B. COUNTY NAME

CALHOUN

C. CITY OR TOWN	D. STATE	E. ZIP CODE	F. COUNTY CODE (if known)
6 ANNISTON	AL	36205	USA

EPA Form 3510-1 (Rev. 10-80)

CONTINUE ON REVERSE

...TINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)

A. FIRST	B. SECOND
(specify) National Security	7 (specify)
C. THIRD	**D. FOURTH**
7 (specify)	(specify)

VIII. OPERATOR INFORMATION

A. NAME: DEPT OF ARMY

B. Is the name listed in Item VIII-A also the owner? [X] YES [ ] NO

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)
F = FEDERAL, M = PUBLIC (other than federal or state), S = STATE, O = OTHER (specify), P = PRIVATE
F (specify)

D. PHONE (area code & no.): A 205 848 3758

E. STREET OR P.O. BOX: USACML&MPCEN&FM ATTN: ATZN-FEE

F. CITY OR TOWN: FT MCCLELLAN

G. STATE: AL

H. ZIP CODE: 36205

IX. INDIAN LAND

Is the facility located on Indian lands? [ ] YES [X] NO

XISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water): N AL0055999	D. PSD (Air Emissions from Proposed Sources): 9 P
B. UIC (Underground Injection of Fluids): U	E. OTHER (specify): 9 (specify)
C. RCRA (Hazardous Wastes): 9 R	E. OTHER (specify): 9 (specify)

MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

...III. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
RICHARD L. GOODYEAR, LTC, EN, DEH	Billy R. Shanks	13 Dec 88

COMMENTS FOR OFFICIAL USE ONLY

3 RCRA | EPA

HAZARDOUS WASTE PERMIT APPLICATION

Consolidated Permits Program

(This information is required under Section 3005 of RCRA.)

I. EPA I.D. NUMBER: F

FOR OFFICIAL USE ONLY

APPLICATION APPROVED	DATE RECEIVED (yr., mo., & day)	COMMENTS

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below *(mark one box only)* to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

A. FIRST APPLICATION *(place an "X" below and provide the appropriate date)*

[X] 1. EXISTING FACILITY *(See instructions for definition of "existing" facility. Complete item below.)*

FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED *(use the boxes to the left)*

[ ] 2. NEW FACILITY *(Complete item below.)*

FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN

B. REVISED APPLICATION *(place an "X" below and complete Item I above)*

[ ] 1. FACILITY HAS INTERIM STATUS

[ ] 2. FACILITY HAS A RCRA PERMIT

III. PROCESSES – CODES AND DESIGN CAPACITIES

A. PROCESS CODE – Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process *(including its design capacity)* in the space provided on the form *(Item III-C)*.

B. PROCESS DESIGN CAPACITY – For each code entered in column A enter the capacity of the process.

1. AMOUNT – Enter the amount.
2. UNIT OF MEASURE – For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:		
CONTAINER *(barrel, drum, etc.)*	S01	GALLONS OR LITERS
TANK	S02	GALLONS OR LITERS
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS
Disposal:		
INJECTION WELL	D79	GALLONS OR LITERS
LANDFILL	D80	ACRE-FEET *(the volume that would cover one acre to a depth of one foot)* OR HECTARE-METER
LAND APPLICATION	D81	ACRES OR HECTARES
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Treatment:		
TANK	T01	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
OTHER *(Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided: Item III-C.)*	T04	GALLONS PER DAY OR LITERS PER DAY

UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G
LITERS	L
CUBIC YARDS	Y
CUBIC METERS	C
GALLONS PER DAY	U
LITERS PER DAY	V
TONS PER HOUR	D
METRIC TONS PER HOUR	W
GALLONS PER HOUR	E
LITERS PER HOUR	H
ACRE-FEET	A
HECTARE-METER	F
ACRES	B
HECTARES	Q

EXAMPLE FOR COMPLETING ITEM III *(shown in line numbers X-1 and X-2 below)*: A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

C DUP T/A C 1

LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY 1. AMOUNT (specify)	B. 2. UNIT OF MEASURE (enter code)	FOR OFFICIAL USE ONLY	LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY 1. AMOUNT	B. 2. UNIT OF MEASURE (enter code)	FOR OFFICIAL USE ONLY
X-1	S02	600	G		5				
X-2	T03	20	E		6				
1	T04	See Item III-C			7				
2					8				
3					9				
4					10				

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CONTINUE ON REVERSE

nued from the front

PROCESSES (continued)

SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

Open burning/open detonation unit utilized in demilitarization of Class A, B and C explosives

IV. DESCRIPTION OF HAZARDOUS WASTES

A. EPA HAZARDOUS WASTE NUMBER – Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. ESTIMATED ANNUAL QUANTITY – For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. UNIT OF MEASURE – For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:
For listed hazardous wastes: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.
For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.
Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER – Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B,C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV *(shown in line numbers X-1, X-2, X-3, and X-4 below)* – A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES 1. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (if a code is not entered in D(1))
1	K054	900	P	T03 D80	
2	D002	400	P	T03 D80	
X-3	D001	100	P	T03 D80	
4	D002				included with above

CONTINUE ON PAGE 3

Continued from page 2.
NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

EPA I.D. NUMBER (enter from page 1): W

Form Approved OMB No. 158 S80004

FOR OFFICIAL USE ONLY: W DUP 2 DUP

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES 1. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (if a code is not entered in D(1))
1	D003		P	T04	Open burning/detonation
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
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25					
26					

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CONTINUE ON REVERSE

EPA I.D. NO. (enter from page 1)

6

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)	LONGITUDE (degrees, minutes, & seconds)
33 42 030	086 57 030

VIII. FACILITY OWNER

☐ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER	2. PHONE NO. (area code & no.)
Department of the Army	205-848-3-15

3. STREET OR P.O. BOX	4. CITY OR TOWN	5. ST.	6. ZIP CODE
USACML&MPCEN&FM, ATTN: ATZN-FEE	G Ft. McClellan	AL	36205

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)	B. SIGNATURE	C. DATE SIGNED
RICHARD L. GOODYEAR, LTC, EN, DEH	Bill R. Shanks	13 Dec 88

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)	B. SIGNATURE	C. DATE SIGNED

B.3 NPDES PERMIT COVERSHEETS
(as received)

ADEM

ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PERMITTEE: U. S. Army Fort McClellan

FACILITY LOCATION: Fort McClellan, Alabama

PERMIT NUMBER: AL0055999

RECEIVING WATERS

Cane Creek & South Branch

In accordance with and subject to the provisions of the Federal Water Pollution Control Act, as amended, 33 U.S.C. §§ 1251-1378 (the "FWPCA"), the Alabama Water Pollution Control Act, as amended, ***Code of Alabama 1975,*** *§§ 22-22-1 to 22-22-14 (the "AWPCA"), the Alabama Environmental Management Act, as amended,* ***Code of Alabama 1975,*** *§§ 22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and subject further to the discharge limitations, monitoring requirements and other terms and conditions set forth in Parts I, II and III hereof, the Permittee is hereby authorized to discharge into the above-named receiving waters.*

ISSUANCE DATE: January 28, 1988

EFFECTIVE DATE: February 1, 1988

EXPIRATION DATE: January 31, 1993

Alabama Department of Environmental Management

ADEM

ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PERMITTEE: ALABAMA ARMY NATIONAL GUARD, UTES 1 - PELHAM RANGE

FACILITY LOCATION: Gate 3 Road Pelham Range
Anniston, Alabama

PERMIT NUMBER: AL0057665

RECEIVING WATERS

Unnamed tributary to Cane Creek

In accordance with and subject to the provisions of the Federal Water Pollution Control Act, as amended, 33 U.S.C. §§ 1251-1378 (the "FWPCA"), the Alabama Water Pollution Control Act, as amended, ***Code of Alabama 1975****, §§ 22-22-1 to 22-22-14 (the "AWPCA"), the Alabama Environmental Management Act, as amended,* ***Code of Alabama 1975****, §§ 22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and subject further to the discharge limitations, monitoring requirements and other terms and conditions set forth in Parts I, II and III hereof, the Permittee is hereby authorized to discharge into the above-named receiving waters.*

ISSUANCE DATE: **January 13, 1989**

EFFECTIVE DATE: **February 1, 1989**

EXPIRATION DATE: **January 31, 1994**

Alabama Department of Environmental Management

B.4 AIR PERMIT COVERSHEETS
(as received)

ADEM

ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

AIR PERMIT

PERMITTEE: U. S. ARMY CHEMICAL AND MILITARY POLICE CENTERS AND FORT McCLELLAN

LOCATION: FORT McCLELLAN, ALABAMA

PERMIT NUMBER	DESCRIPTION OF EQUIPMENT, ARTICLE OR DEVICE
301-0017-Z007	Chemical Decontamination Training Facility (CDTF) Incinerator with Wet Scrubber

In accordance with and subject to the provisions of the Alabama Air Pollution Control Act of 1971, as am[illegible] Code of Alabama 1975, §§ 22-28-1 to 22-28-23 (the "AAPCA") and the Alabama Environmental Management Act, as [illegible]ded, Code of Alabama 1975, §§ 22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and subject further [illegible] conditions set forth in this permit, the Permittee is hereby authorized to construct, install and use the equipment, device or othe[illegible] described above.

ISSUANCE DATE: June 1, 1987

Alabama Department of Environmental [illegible]ment

U. S. ARMY CHEMICAL AND MILITARY POLICE CENTERS AND FORT McCLELLAN

Permit No. 301-0017-Z007

1. This permit is issued on the basis of Rules and Regulations existing on the date of issuance. In the event additional Rules and Regulations are adopted, it shall be the permit holder's responsibility to comply with such rules.

2. This permit is not transferable. Upon sale or legal transfer, the new owner or operator must apply for a permit within 30 days.

3. A new permit application must be made for new sources, replacements, alterations or design changes which may result in the issuance of, or an increase in the issuance of, air contaminants, or the use of which may eliminate or reduce or control the issuance of air contaminants.

4. In the event there is a breakdown of equipment in such a manner as to cause increased emission of air contaminants, the waste feed will be stopped immediately and not resumed until the problem is corrected.

5. All air pollution control devices and capture systems for which this permit is issued shall be maintained and operated at all times in a manner so as to minimize the emissions of air contaminants. Procedures for ensuring that the above equipment is properly operated and maintained so as to minimize the emission of air contaminants shall be established.

6. The system will continuously monitor and record the temperatures of the Pyrolizer Furnace and the Rich Fume Incinerator (RFI), the pH and flow rate of the scrubbing brine, the liquid waste feed rate, the combustion gas velocity and the exhaust gas CO concentration in ppm. The weight of solid waste fed to the Pyrolizer Furnace will be manually recorded. These records will be maintained in a manner suitable for inspection for a period of at least two years.

7. Liquid waste fed to the RFI will automatically stop when any of the following conditions occur:

   (a) The temperature of the RFI falls below 2,200°F for more than 30 seconds.

   (b) The pH of the scrubber brine falls below 7.5 for more than 60 seconds.

   (c) The stack gas CO concentration exceeds 200 ppm for more than 30 seconds.

   (d) A positive pressure exists in the RFI for more than 30 seconds.

8. A temperature of at least 1500°F will be maintained for a minimum of 15 minutes for each load of solid waste placed in the Pyrolizer Furnace.

9. Submission of other reports regarding monitoring records, fuel analyses, operating rates, and equipment malfunctions may be required as authorized in the Department's air pollution control rules and regulations.

10. Additions and revisions to the conditions of this Permit will be made, if necessary, to ensure that the Department's air pollution control rules and regulations are not violated.

11. Nothing in this permit or conditions thereto shall negate any authority granted to the Department pursuant to the Alabama Environmental Management Act or regulations issued thereunder.

12. All instances of automatic cut off of the waste feed, or manual cut off required by Proviso 4 above, will be noted in a log book to show date/time of occurrence, duration of occurrence, cause and corrective action taken. This record will be maintained in a manner suitable for inspection for a period of at least two years.

June 1, 1987
Date

B.5 SOLID WASTE DISPOSAL FACILITY PERMIT
(as received)

ADEM

ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

SOLID WASTE DISPOSAL

FACILITY PERMIT

PERMITTEE: Fort McClellan Military Reservation

FACILITY NAME: Fort McClellan Sanitary Landfill

FACILITY LOCATION: S ½ of the N ½, Section 10, Township 15 South, Range 8 East, located in Calhoun County, Alabama

PERMIT NUMBER: 08-02R

WASTES APPROVED FOR DISPOSAL:

(1) Household garbage and rubbish
(2) Commercial solid waste (wooden pallets, paper, demolition waste, etc.)

In accordance with, and subject to the provisions of the Solid Wastes Disposal Act, as amended, Code of Alabama 1975, §§ 22-27-1 to 22-27-27 ("SWDA"), the Alabama Environmental Management Act, as amended, Code of Alabama 1975, §§ 22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to dispose of the above-described solid wastes at the above-described facility location.

ISSUANCE DATE: May 1, 1987

EFFECTIVE DATE: May 1, 1987

EXPIRATION DATE: April 30, 1992

Alabama Department of Environmental Management

PART I - MONITORING REQUIREMENTS

A. During the period beginning on the effective date of this permit and lasting through the term of this permit, the permittee shall monitor as specified below:

1. Representative Sampling

   a. Monitoring wells shall be bailed or pumped to remove at least four times the well volume or on slow recharge wells completely evacuated.
   b. Wells shall be allowed to recharge prior to sampling.
   c. Sampling shall be by approved EPA procedures.

2. Reporting

   Monitoring results obtained during the previous monitoring period shall be summarized and reported no later than the 28th day of the month following the completed reporting period. Signed copies of these reports, and all other reports, required herein shall be submitted to the following address:

   Alabama Department of Environmental Management
   Land Division
   Solid Waste Section
   1751 Federal Drive
   Montgomery, AL 36130

3. Definitions

   a. EPA: The United States Environmental Protection Agency
   b. See Solid Waste Management Regulations, Alabama Department of Environmental Management.

4. Test Procedures

   a. "Standard Methods for the Examination of Water and Wastewater," American Public Health Association.
   b. EPA 600/4-79-020 or other appropriate EPA methods.
   c. Field tests must be approved EPA test kits and procedures.

5. Recording of Results

   For each sample taken or measurement taken pursuant to the requirements of this permit, the permittee shall record the following information:

   a. The exact place, date, and time of sampling;
   b. The date the analyses were performed;
   c. The person(s) who performed the analyses;
   d. The analytical techniques or method used; and
   e. The results of all required analyses.

B. The permittee shall meet the additional monitoring requirements specified below:

1. Sampling shall be done twice yearly for the parameters as listed below.

   a. Sampling dates: March and September of each year for the life of the permit.
   b. Reporting: See Part I, A, 2.

2. The water level will be measured and recorded for each well prior to sampling.

MONITORING PARAMETERS

Specific Conductance
pH
Chloride
Iron
Total Organic Carbon (TOC)
Arsenic
Barium
Cadmium
Chromium
Lead
Mercury
Manganese
Sodium
Nitrates
COD
Phenols

PART II - MANAGEMENT REQUIREMENTS

A. Prior to any anticipated facility expansion or modification or the acceptance of any waste type not specified in this permit, the permittee shall make written application to the Director for modification of this permit. No action may be taken on such changes by the permittee prior to approval of the permit modification.

B. If, for any reason, the permittee does not comply with or will be unable to comply with the provisions of this permit, the permittee shall provide the Director with the following information, in writing, within five days of becoming aware of such conditions:

1. A descriptive account of the item(s) causing non-compliance.

2. The period of non-compliance, including dates and times, or, if not corrected, the anticipated time the non-compliance is expected to be corrected and steps being taken to reduce, eliminate, and prevent recurrence of the non-complying item.

C. The permittee shall take all reasonable steps to minimize any adverse impact to surface or groundwaters resulting from non-compliance or the applicable regulations.

D. The permittee shall allow, at all reasonable times, representatives of the Division, upon presentation of credentials, to enter the permittee's premises or any place where records are required to be kept for the purpose of inspection to ensure compliance with the applicable regulations and the conditions of this permit. At all reasonable times, representatives of the Division shall be allowed access to and the right to copy all records required by the "Solid Waste Management Regulations" (hereinafter called Regulations) and the conditions of this permit. All inspection reports and other data collected shall be available for public inspection unless the permittee makes a proper showing that such information should be considered confidential.

PART III - PERMIT REVOCATION

A. The Alabama Department of Environmental Management may revoke any permit according to the procedures and for the causes listed in Section 4-184 of the Regulations.

PART IV - PROPERTY RIGHTS

A. The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

PART V - STATE LAWS

A. Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation.

PART VI - ADDITIONAL REQUIREMENTS

A. Additional sampling and analysis of wells and surface water may be imposed by the Department at such time as the Department feels necessary to ensure protection of public health and the environment.

1. Dates for sampling may be extended beyond the dates listed in Part I, B (1,2) if determined necessary by the Department.

2. Additional parameters may be added to those listed in Part I, B if determined necessary by the Department.

B.6 WATER SUPPLY PERMIT COVERSHEETS
(as received)

ADEM

ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

WATER SUPPLY PERMIT

PERMITTEE: FORT McCLELLAN

FACILITY LOCATION: Anniston, Alabama

PERMIT NUMBER: 86-860 PWSID: 0001493

PUBLIC WATER SYSTEM: The Fort McClellan Water System consists of two storage tanks with a combined capacity of 2,500,000 gallons; 15,350 customers and approximately 93 miles of water main.

*In accordance with and subject to the provisions of the Alabama Safe Drinking Water Act of 1977, as amended, **Code of Alabama 1975**, §§ 22-23-30 to 22-23-53 (the "ASDWA"), the Alabama Environmental Management Act, as amended, **Code of Alabama 1975**, §§ 22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and subject further to the conditions set forth in this permit, the permittee is authorized to furnish and continue to furnish and supply water to human beings from such public water system.*

ISSUANCE DATE: August 22, 1986

EFFECTIVE DATE: September 1, 1986

EXPIRATION DATE: September 1, 1992

Leigh Pegues

Alabama Department of Environmental Management

Permit No. 86-860

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

WATER SUPPLY PERMIT - GENERAL CONDITIONS

PART I, GENERAL CONDITIONS:

(1). All community water systems must have responsible operators certified in accordance with the regulations of the operator certification program. ADEM must be notified of personnel changes which affect certification compliance within 30 days of the change.

(2). Monthly operation data reports which contain all required daily/monthly monitoring information must be maintained and submitted to ADEM as required.

(3). Monthly bacteriological monitoring of distribution and raw water quality must be properly performed.

(4). Chemical analyses as required must be performed by a certified laboratory and results promptly reported to ADEM.

(5). Water facilities must be maintained in a clean and operable condition with spare parts and standby equipment available as determined by ADEM.

(6). A free chlorine residual of at least .5 mg/l must be maintained in all parts of the distribution system at all times as per Section 3-1311 of the Regulations Governing Public Water Supplies.

(7). Any modification to the present treatment method, to include chemical addition, must have prior approval of ADEM.

(8). All community systems must have a formal cross-connection control program operational with written guidelines and/or regulations.

ADEM

ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

WATER SUPPLY PERMIT

PERMITTEE: FORT MCCLELLAN

FACILITY LOCATION: Range 57

PERMIT NUMBER: 87-742 PWSID: 0000167

PUBLIC WATER SYSTEM: Consists of a 70 gpm well with hydrochlorinator and a 100 gallon pressure tank.

*In accordance with and subject to the provisions of the Alabama Safe Drinking Water Act of 1977, as amended, **Code of Alabama 1975**, §§ 22-23-30 to 22-23-53 (the "ASDWA"), the Alabama Environmental Management Act, as amended, **Code of Alabama 1975**, §§ 22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and subject further to the conditions set forth in this permit, the permittee is authorized to furnish and continue to furnish and supply water to human beings from such public water system.*

ISSUANCE DATE: September 15, 1987

EFFECTIVE DATE: October 1, 1987

EXPIRATION DATE: October 1, 1997

Jann Wilson

Alabama Department of Environmental Management

ADEM

ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

WATER SUPPLY PERMIT

PERMITTEE: FORT MCCLELLAN

FACILITY LOCATION: Range 44

PERMIT NUMBER: 87-743 PWSID: 0000137

PUBLIC WATER SYSTEM: Consists of a 5 gpm well with hypochlorinator and a 15,000 gallon elevated storage tank.

*In accordance with and subject to the provisions of the Alabama Safe Drinking Water Act of 1977, as amended, **Code of Alabama 1975**, §§ 22-23-30 to 22-23-53 (the "ASDWA"), the Alabama Environmental Management Act, as amended, **Code of Alabama 1975**, §§ 22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and subject further to the conditions set forth in this permit, the permittee is authorized to furnish and continue to furnish and supply water to human beings from such public water system.*

ISSUANCE DATE: September 15, 1987

EFFECTIVE DATE: October 1, 1987

EXPIRATION DATE: October 1, 1997

Alabama Department of Environmental Management

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

WATER SUPPLY PERMIT

GENERAL CONDITIONS - NON-COMMUNITY WATER SYSTEM

1. Monthly bacteriological monitoring of the distribution system at a rate of two samples per month is required when the system is actively serving the public. Additional raw water samples may also be required.

2. Upon experiencing excessive coliform counts (5 or more coliform bacteria in any distribution sample) three months or more within a twelve month period the system must provide for and maintain continuous chlorination of the water supply.

3. Permits are not transferable. When new owner or a new leasee is to assume operation of an existing non-community pubic water system, it is the responsibility of the new party to file an application for transfer of the permit. The application must be received by ADEM at least four weeks before new operation of the system is to begin.

4. Water facilities must be maintained in a clean and operable condition with spare parts and standby equipment available.

5. Sanitary deficiencies discovered during routine ADEM inspections must be corrected within 30 days of written notice to the permittee that such conditions exist.

CHANGE IN SOURCE

1. Any additional water sources must be approved by ADEM prior to use.

2. Before ADEM approval of additional sources the permittee or his consulting engineer must submit to ADEM the following information a minimum of two weeks prior to the date on which approval for operation is being requested:

   a. Major modifications to the water source or major treatment process modifications or distribution system expansions require an application for a Water Supply Permit including application fee of $225.00.

   b. A nitrate chemical analysis of the new or modified source performed by a certified laboratory.

   c. Satisfactory bacteriological results from the new source and distribution system.

   d. An Application for Approval to Use a Well completed including well construction details when required. This form can be requested from ADEM.

3. A final inspection of new sources must be held with a staff member from ADEM present.

ADEM

ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

WATER SUPPLY PERMIT

PERMITTEE: FORT MCCLELLAN

FACILITY LOCATION: Rideout Hall Building 8801

PERMIT NUMBER: 87-744 PWSID: 0000166

PUBLIC WATER SYSTEM: Consists of a 5 gpm well with hypochlorinator and a 500 gallon pressure tank.

In accordance with and subject to the provisions of the Alabama Safe Drinking Water Act of 1977, as amended, ***Code of Alabama 1975****, §§ 22-23-30 to 22-23-53 (the "ASDWA"), the Alabama Environmental Management Act, as amended,* ***Code of Alabama 1975****, §§ 22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and subject further to the conditions set forth in this permit, the permittee is authorized to furnish and continue to furnish and supply water to human beings from such public water system.*

ISSUANCE DATE: September 15, 1987

EFFECTIVE DATE: October 1, 1987

EXPIRATION DATE: October 1, 1997

Jann Urban

Alabama Department of Environmental Management