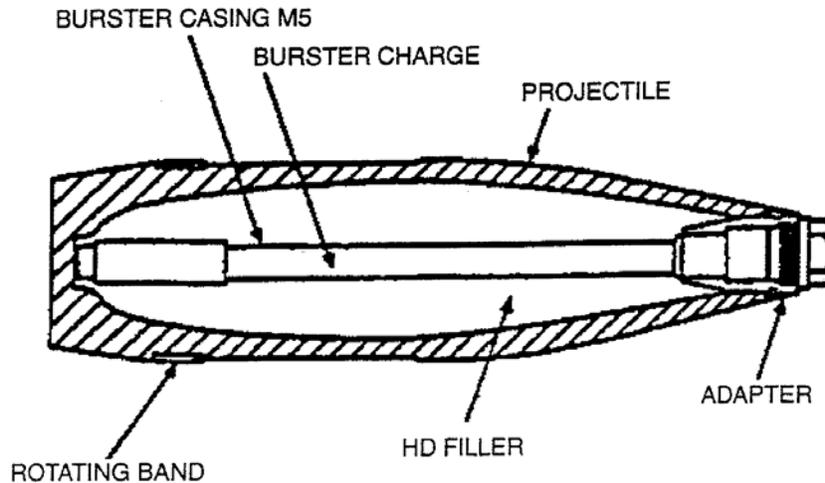


APPENDIX 1-1
GENERAL DATA SHEETS AND DIAGRAMS FOR MUNITIONS AND DOT
CYLINDER

- 105mm Projectile
- 155mm Projectile
- 4.2-inch Mortar M2, M2A1
- DOT 3A

Note: These data sheets and diagrams are examples of the types of munitions/items that will be treated in the EDS.

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	M60 Projectile ^a
LENGTH	31.1 inches
DIAMETER	105 mm
TOTAL WEIGHT	42.92 pounds
CHEMICAL AGENT	HD
CHEMICAL AGENT WEIGHT	2.97 pounds
FUZE	M557/M51A5
BURSTER	M5
BOOSTER	M22
EXPLOSIVE	Tetrytol
EXPLOSIVE WEIGHT	0.3 pound
PROPELLANT	None or Charge, M67 Assembly ^b
PROPELLANT WEIGHT	N/A or 2.82 pounds ^b
PRIMER	None
PACKAGING	1 round/fiber container, 2 container/wooden box
PROJECTILE 105mm HOWITZER, M60, HD	

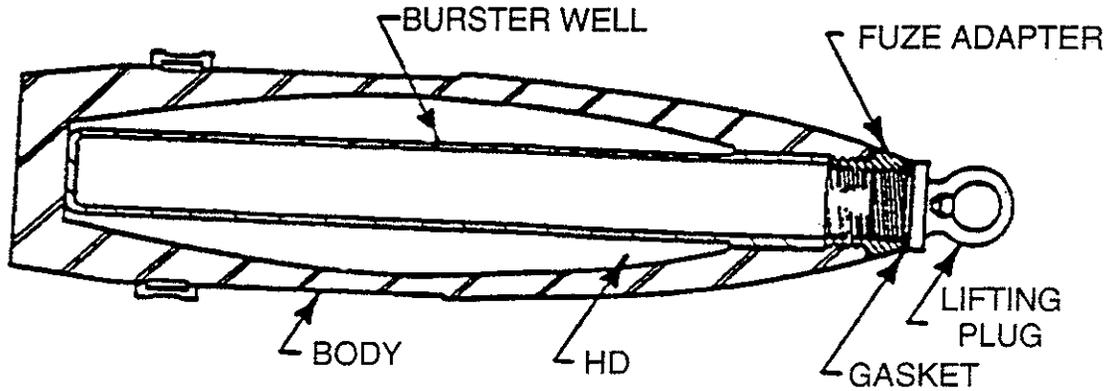
Figure Appendix 1-1-1. 105mm Projectile

Note:

^a The length includes munition shell case and projectile.

^b 105mm projectiles at PCD are stored with or without the cartridge case. If the 105mm projectile is stored with the cartridge case, it will contain propellant. If it is not stored with the cartridge case, it will not contain propellant.

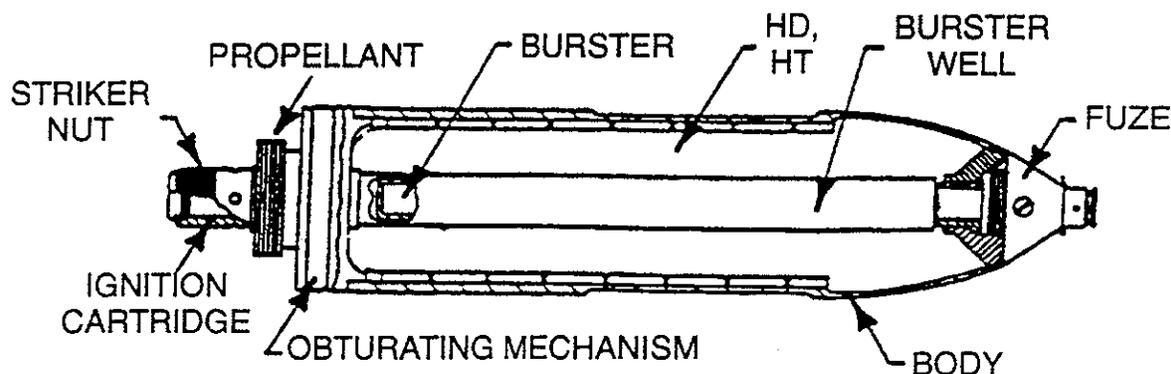
Source: Technical Manual, *Army Ammunition Data Sheets, Artillery, Ammunition, Guns, Howitzers, Mortars, Recoilless Rifles, Grenade Launchers, and Artillery Fuzes* (FSC 1310, 1315, 1320, 1390) TM 43-0001-28, April 1994.



	M104	M110
LENGTH	26.8 inches	26.8 inches
DIAMETER	155 mm	155 mm
TOTAL WEIGHT	95 pounds	94.6 pounds
CHEMICAL AGENT	HD	HD
CHEMICAL AGENT WEIGHT	11.7 pounds	11.7 pounds
FUZE	None	None
BURSTER	M6	M6
EXPLOSIVE	Tetrytol	Tetrytol
EXPLOSIVE WEIGHT	0.41 pound	0.41 pound
PROPELLANT	None	None
PROPELLANT WEIGHT	N/A	N/A
PRIMER	None	None
PACKAGING	6 rounds/ wooden pallet	8 rounds/ wooden pallet
PROJECTILE, 155mm HOWITZER, M110, HD PROJECTILE, 155mm, M104, HD		

Figure Appendix 1-1-2. 155mm Projectile

Source: Technical Manual, *Army Ammunition Data Sheets, Artillery, Ammunition, Guns, Howitzers, Mortars, Recoilless Rifles, Grenade Launchers, and Artillery Fuzes* (FSC 1310, 1315, 1320, 1390) TM 43-0001-28, April 1994.



	M2/HD	M2/HT	M2A1/HD
LENGTH	21.0 inches	21.0 inches	21.0 inches
DIAMETER	4.2 inches	4.2 inches	4.2 inches
TOTAL WEIGHT	24.67 pounds	24.67 pounds	24.67 pounds
CHEMICAL AGENT	HD	HT	HD
CHEMICAL AGENT WEIGHT	6.0 pounds	5.8 pounds	6.0 pounds
FUZE	M8	M8	M8
BURSTER	M14	M14	M14
EXPLOSIVE	Tetryl	Tetryl	Tetryl
EXPLOSIVE WEIGHT	0.14 pound	0.14 pound	0.14 pound
PROPELLANT ^b	None or M6 ^b	None or M6 ^b	None or M6 ^b
PROPELLANT WEIGHT ^b	N/A or 0.60 pound ^b	N/A or 0.60 pound ^b	N/A or 0.60 pound
PRIMER	None	None	None
PACKAGING	1 round/fiber container, 2 containers/wooden box	1 round/fiber container, 2 containers/wooden box	1 round/fiber container, 2 containers/wooden box

Figure Appendix 1-1-3. 4.2-inch Mortar M2/M2A1, HD/HT^a

Notes:

- ^a 4.2-inch mortars will be reconfigured as projectiles. Most 4.2-inch mortars will also be defuzed.
- ^b 4.2-inch mortars at PCD are stored with or without propelling charges. If 4.2-inch propelling charges were removed prior to overpacking and storage in the permitted storage units, there will be no propellant. If the 4.2-inch propelling charges were not removed prior to overpacking and storing in the permitted storage units, the propellant is M6 and propellant weight is 0.60 pounds.

Source: Technical Manual, *Army Ammunition Data Sheets, Artillery, Ammunition, Guns, Howitzers, Mortars, Recoilless Rifles, Grenade Launchers, and Artillery Fuzes* (FSC 1310, 1315, 1320, 1390) TM 43-0001-28, April 1994.

DOT 3A 2015

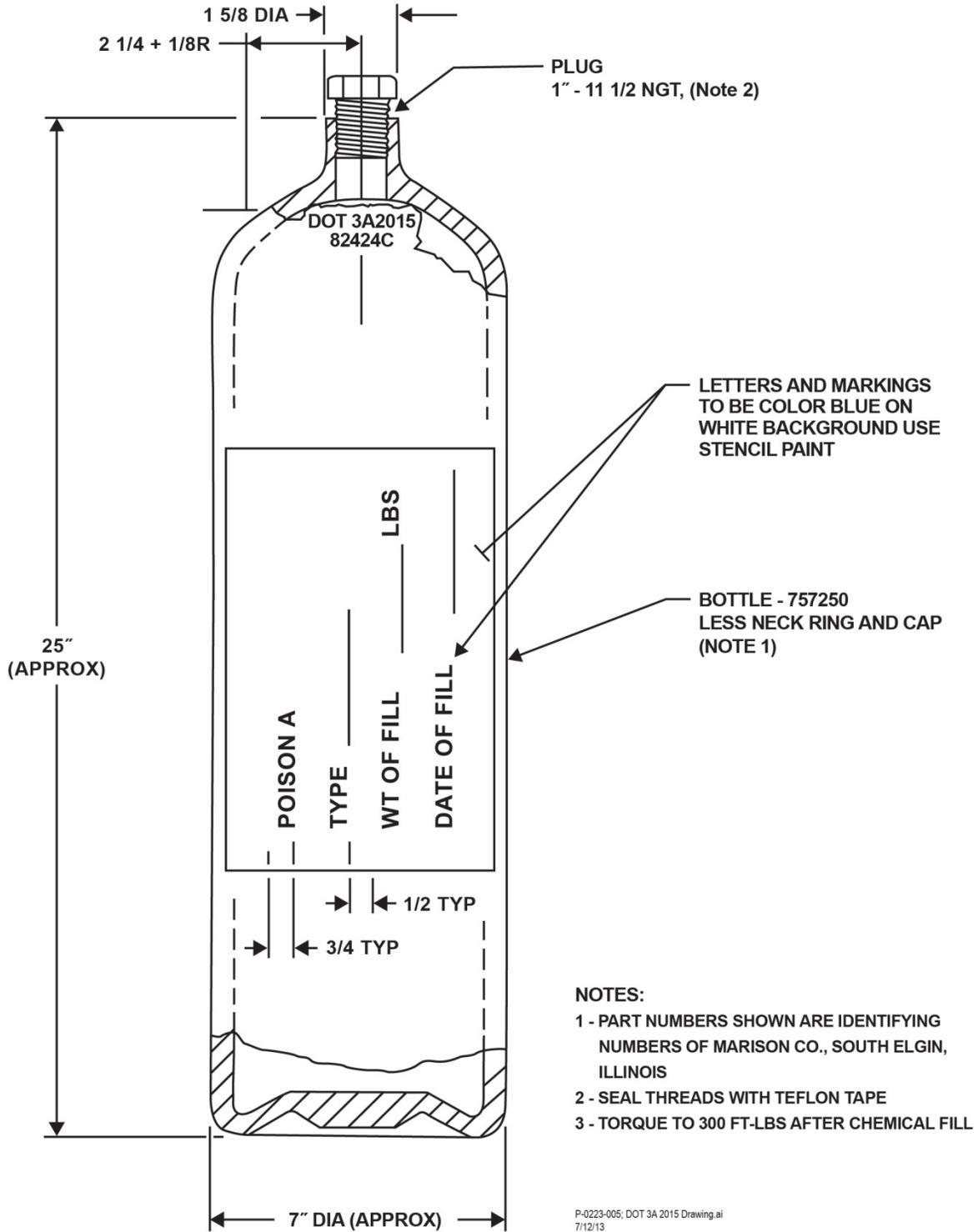


Figure Appendix 1-1-4. DOT 3A

<p>SEND COMPLETED FORM TO: The Appropriate State or Regional Office.</p>	<p>United States Environmental Protection Agency RCRA SUBTITLE C SITE IDENTIFICATION FORM</p>		
<p>1. Reason for Submittal</p> <p>MARK ALL BOX(ES) THAT APPLY</p>	<p>Reason for Submittal:</p> <p><input type="checkbox"/> To provide an Initial Notification (first time submitting site identification information / to obtain an EPA ID number for this location)</p> <p><input type="checkbox"/> To provide a Subsequent Notification (to update site identification information for this location)</p> <p><input type="checkbox"/> As a component of a First RCRA Hazardous Waste Part A Permit Application</p> <p><input checked="" type="checkbox"/> As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment # _____)</p> <p><input type="checkbox"/> As a component of the Hazardous Waste Report (If marked, see sub-bullet below)</p> <p><input type="checkbox"/> Site was a TSD facility and/or generator of $\geq 1,000$ kg of hazardous waste, > 1 kg of acute hazardous waste, or > 100 kg of acute hazardous waste spill cleanup in <u>one or more months</u> of the report year (or State equivalent LQG regulations)</p>		
<p>2. Site EPA ID Number</p>	<p>EPA ID Number CO8213820725</p>		
<p>3. Site Name</p>	<p>Name: Pueblo Chemical Depot</p>		
<p>4. Site Location Information</p>	<p>Street Address: 45825 Highway 96 East</p>		
	<p>City, Town, or Village: Pueblo</p>	<p>County: Pueblo</p>	
	<p>State: Colorado</p>	<p>Country: United States</p>	<p>Zip Code: 81006-9330</p>
<p>5. Site Land Type</p>	<p><input type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input checked="" type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other</p>		
<p>6. NAICS Code(s) for the Site (at least 5-digit codes)</p>	<p>A. 928110</p>	<p>C. </p>	
	<p>B. </p>	<p>D. </p>	
<p>7. Site Mailing Address</p>	<p>Street or P.O. Box: 45825 Highway 96 East</p>		
	<p>City, Town, or Village: Pueblo</p>		
	<p>State: Colorado</p>	<p>Country: United States</p>	<p>Zip Code: 81006-9330</p>
<p>8. Site Contact Person</p>	<p>First Name: Christopher MI: Last: Pulskamp</p>		
	<p>Title: Chief, Environmental Management Office</p>		
	<p>Street or P.O. Box: 45825 Highway 96 East</p>		
	<p>City, Town or Village: Pueblo</p>		
	<p>State: Colorado</p>	<p>Country: United States</p>	<p>Zip Code: 81006</p>
	<p>Email: christopher.j.pulskamp.civ@mail.mil</p>		
	<p>Phone: 719-549-4252</p>	<p>Ext.:</p>	<p>Fax: 719-549-4503</p>
<p>9. Legal Owner and Operator of the Site</p>	<p>A. Name of Site's Legal Owner: US Army</p>		<p>Date Became Owner: 4/4/1942</p>
	<p>Owner Type: <input type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input checked="" type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other</p>		
	<p>Street or P.O. Box: 45825 Highway 96 East</p>		
	<p>City, Town, or Village: Pueblo</p>		<p>Phone: 719-549-4252</p>
	<p>State: Colorado</p>	<p>Country: United States</p>	<p>Zip Code: 81006-9330</p>
	<p>B. Name of Site's Operator: US Army</p>		<p>Date Became Operator: 4/4/1942</p>
	<p>Operator Type: <input type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input checked="" type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other</p>		

10. Type of Regulated Waste Activity (at your site)
 Mark "Yes" or "No" for all current activities (as of the date submitting the form); complete any additional boxes as instructed.

A. Hazardous Waste Activities; Complete all parts 1-7.

- | | |
|---|---|
| <p>Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 1. Generator of Hazardous Waste
 If "Yes", mark only one of the following – a, b, or c.</p> <p><input checked="" type="checkbox"/> a. LQG: Generates, in any calendar month, 1,000 kg/mo (2,200 lbs./mo.) or more of hazardous waste; or Generates, in any calendar month, or accumulates at any time, more than 1 kg/mo (2.2 lbs./mo) of acute hazardous waste; or Generates, in any calendar month, or accumulates at any time, more than 100 kg/mo (220 lbs./mo) of acute hazardous spill cleanup material.</p> <p><input type="checkbox"/> b. SQG: 100 to 1,000 kg/mo (220 – 2,200 lbs./mo) of non-acute hazardous waste.</p> <p><input type="checkbox"/> c. CESQG: Less than 100 kg/mo (220 lbs./mo) of non-acute hazardous waste.</p> <p>If "Yes" above, indicate other generator activities.</p> <p>Y <input type="checkbox"/> N <input checked="" type="checkbox"/> d. Short-Term Generator (generate from a short-term or one-time event and not from on-going processes). If "Yes", provide an explanation in the Comments section.</p> <p>Y <input type="checkbox"/> N <input checked="" type="checkbox"/> e. United States Importer of Hazardous Waste</p> <p>Y <input type="checkbox"/> N <input checked="" type="checkbox"/> f. Mixed Waste (hazardous and radioactive) Generator</p> | <p>Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 2. Transporter of Hazardous Waste
 If "Yes", mark all that apply.</p> <p><input type="checkbox"/> a. Transporter</p> <p><input type="checkbox"/> b. Transfer Facility (at your site)</p> <p>Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. Treater, Storer, or Disposer of Hazardous Waste Note: A hazardous waste permit is required for these activities.</p> <p>Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 4. Recycler of Hazardous Waste</p> <p>Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 5. Exempt Boiler and/or Industrial Furnace
 If "Yes", mark all that apply.</p> <p><input type="checkbox"/> a. Small Quantity On-site Burner Exemption</p> <p><input type="checkbox"/> b. Smelting, Melting, and Refining Furnace Exemption</p> <p>Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 6. Underground Injection Control</p> <p>Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 7. Receives Hazardous Waste from Off-site</p> |
|---|---|

B. Universal Waste Activities; Complete all parts 1-2.

- Y N **1. Large Quantity Handler of Universal Waste (you accumulate 5,000 kg or more) [refer to your State regulations to determine what is regulated]. Indicate types of universal waste managed at your site. If "Yes", mark all that apply.**
- | | |
|---------------------------------|--------------------------|
| a. Batteries | <input type="checkbox"/> |
| b. Pesticides | <input type="checkbox"/> |
| c. Mercury containing equipment | <input type="checkbox"/> |
| d. Lamps | <input type="checkbox"/> |
| e. Other (specify) _____ | <input type="checkbox"/> |
| f. Other (specify) _____ | <input type="checkbox"/> |
| g. Other (specify) _____ | <input type="checkbox"/> |
- Y N **2. Destination Facility for Universal Waste**
 Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities; Complete all parts 1-4.

- Y N **1. Used Oil Transporter**
 If "Yes", mark all that apply.
- a. Transporter
- b. Transfer Facility (at your site)
- Y N **2. Used Oil Processor and/or Re-refiner**
 If "Yes", mark all that apply.
- a. Processor
- b. Re-refiner
- Y N **3. Off-Specification Used Oil Burner**
- Y N **4. Used Oil Fuel Marketer**
 If "Yes", mark all that apply.
- a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
- b. Marketer Who First Claims the Used Oil Meets the Specifications

D. Eligible Academic Entities with Laboratories—Notification for opting into or withdrawing from managing laboratory hazardous wastes pursuant to 40 CFR Part 262 Subpart K

❖ You must check with your State to determine if you are eligible to manage laboratory hazardous wastes pursuant to 40 CFR Part 262 Subpart K

1. Opting into or currently operating under 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories
See the item-by-item instructions for definitions of types of eligible academic entities. Mark all that apply:

- a. College or University
- b. Teaching Hospital that is owned by or has a formal written affiliation agreement with a college or university
- c. Non-profit Institute that is owned by or has a formal written affiliation agreement with a college or university

2. Withdrawing from 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories

11. Description of Hazardous Waste

A. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

D001	D002	D003	D004	D005	D006	D007
D008	D009	D010	D011	D012	D013	D014
D015	D016	D017	D018	D019	D020	D021
D022	D023	D024	D025	D026	D027	D028
D029	D030	D031	D032	D033	D034	D035
D036	D037	D038	D039	D040	D041	D042
D043	F001	F002	F003	F004	F005	F039
K047	U002	U044	U154			

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. Please list the waste codes of the State-Regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed.

P909	P910	K901	K902			

12. Notification of Hazardous Secondary Material (HSM) Activity

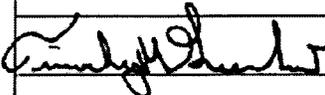
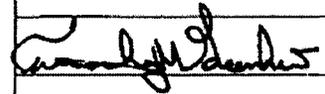
Y N Are you notifying under 40 CFR 260.42 that you will begin managing, are managing, or will stop managing hazardous secondary material under 40 CFR 261.2(a)(2)(ii), 40 CFR 261.4(a)(23), (24), or (25)?

If "Yes", you must fill out the Addendum to the Site Identification Form: Notification for Managing Hazardous Secondary Material.

13. Comments

Multiple empty horizontal lines for providing comments.

14. Certification. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. For the RCRA Hazardous Waste Part A Permit Application, all owner(s) and operator(s) must sign (see 40 CFR 270.10(b) and 270.11).

Signature of legal owner, operator, or an authorized representative	Name and Official Title (type or print)	Date Signed (mm/dd/yyyy)
 (Operator)	LTC Timothy M. Greenhaw Commander PCD	12-17-13
 (Owner)	LTC Timothy M. Greenhaw Commander PCD	12-17-13

United States Environmental Protection Agency
HARDOUS WASTE PERMIT INFORMATION FORM

1. Facility Permit Contact	First Name: Christopher	MI:	Last Name: Pulskamp
	Contact Title: Chief, Environmental Management Office		
	Phone: 719-549-4252	Ext.:	Email: christopher.j.pulskamp.civ@mail.mil
2. Facility Permit Contact Mailing Address	Street or P.O. Box: 45825 Highway 96 East		
	City, Town, or Village: Pueblo		
	State: Colorado		
	Country: United States	Zip Code: 81006-9330	
3. Operator Mailing Address and Telephone Number	Street or P.O. Box: 45825 Highway 96 East		
	City, Town, or Village: Pueblo		
	State: Colorado	Phone:	
	Country: United States	Zip Code: 81006-9330	
4. Facility Existence Date	Facility Existence Date (mm/dd/yyyy): 04/04/1942		

5. Other Environmental Permits														
A. Facility Type <i>(Enter code)</i>	B. Permit Number										C. Description			
P	C	O	9	5	P	B	9	0	1			Clean Air Act (Air Quality)		
R	C	O	0	4	-	0	7	-	0	1	-	0	1	RCRA RD&D permit (PCAPP)
N	C	O	0	0	3	4	6	7	3			Clean Water Act (Water Quality)		
E	0	4	P	B	0	9	4	9	L			PCD Air Land Development Permit		
E	0	4	P	B	0	8	2	2			PCAPP Air Construction Permit			
E	2	0	0	4	0	0	1					PCAPP Pueblo Co. Certificate of Designation-Phase I		
E	2	0	0	4	0	0	2					PCAPP Pueblo Co. Certificate of Designation-Phase II		
N	C	O	R	1	0	0	0	0	F			PCAPP NPDES General Permit Storm Water Discharges from Construction Activities		
E	1	0	P	B	1	0	7	5			PCAPP Air Permit			
E	E	S	1	0	4	1	8	3	1			PCAPP Sanitary System Site Location Approval		
E	2	0	0	1	0	0	8					PCAPP Pueblo Co. Certificate of Designation		
R												RCRA Part A Application for PCD Chemical Weapons Stockpile filed Solely as a matter of comity, 27 July 2005.		

6. Nature of Business:

The primary mission of the Pueblo Chemical Depot is to safely store chemical agent munitions. This permit application renewal addresses the storage of chemical agent-related wastes in G1009, G1107, G1109, G1110, G203, and nonchemical agent-related wastes in Building 540.

7. Process Codes and Design Capacities – Enter information in the Section on Form Page 3

- A. PROCESS CODE** – Enter the code from the list of process codes below that best describes each process to be used at the facility. If more lines are needed, attach a separate sheet of paper with the additional information. For “other” processes (i.e., D99, S99, T04 and X99), describe the process (including its design capacity) in the space provided in Item 8.
- B. PROCESS DESIGN CAPACITY** – For each code entered in Item 7.A; enter the capacity of the process.
- 1. AMOUNT** – Enter the amount. In a case where design capacity is not applicable (such as in a closure/post-closure or enforcement action) enter the total amount of waste for that process.
 - 2. UNIT OF MEASURE** – For each amount entered in Item 7.B(1), enter the code in Item 7.B(2) from the list of unit of measure codes below that describes the unit of measure used. Select only from the units of measure in this list.
- C. PROCESS TOTAL NUMBER OF UNITS** – Enter the total number of units for each corresponding process code.

Process Code	Process	Appropriate Unit of Measure for Process Design Capacity	Process Code	Process	Appropriate Unit of Measure for Process Design Capacity
Disposal			Treatment (Continued) (for T81 – T94)		
D79	Underground Injection Well Disposal	Gallons; Liters; Gallons Per Day; or Liters Per Day	T81	Cement Kiln	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; BTU Per Hour; Liters Per Hour; Kilograms Per Hour; or Million BTU Per Hour
D80	Landfill	Acre-feet; Hectares-meter; Acres; Cubic Meters; Hectares; Cubic Yards	T82	Lime Kiln	
D81	Land Treatment	Acres or Hectares	T83	Aggregate Kiln	
D82	Ocean Disposal	Gallons Per Day or Liters Per Day	T84	Phosphate Kiln	
D83	Surface Impoundment Disposal	Gallons; Liters; Cubic Meters; or Cubic Yards	T85	Coke Oven	
D99	Other Disposal	Any Unit of Measure Listed Below	T86	Blast Furnace	
Storage			T87	Smelting, Melting, or Refining Furnace	
S01	Container	Gallons; Liters; Cubic Meters; or Cubic Yards	T88	Titanium Dioxide Chloride Oxidation Reactor	
S02	Tank Storage	Gallons; Liters; Cubic Meters; or Cubic Yards	T89	Methane Reforming Furnace	
S03	Waste Pile	Cubic Yards or Cubic Meters	T90	Pulping Liquor Recovery Furnace	
S04	Surface Impoundment	Gallons; Liters; Cubic Meters; or Cubic Yards	T91	Combustion Device Used in the Recovery of Sulfur Values from Spent Sulfuric Acid	
S05	Drip Pad	Gallons; Liters; Cubic Meters; Hectares; or Cubic Yards	T92	Halogen Acid Furnaces	
S06	Containment Building Storage	Cubic Yards or Cubic Meters	T93	Other Industrial Furnaces Listed in 40 CFR 260.10	
S99	Other Storage	Any Unit of Measure Listed Below	T94	Containment Building Treatment	Cubic Yards; Cubic Meters; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour; BTU Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Metric Tons Per Day; Gallons Per Day; Liters Per Day; Metric Tons Per Hour; or Million BTU Per Hour
Treatment			Miscellaneous (Subpart X)		
T01	Tank Treatment	Gallons Per Day; Liters Per Day	X01	Open Burning/Open Detonation	Any Unit of Measure Listed Below
T02	Surface Impoundment	Gallons Per Day; Liters Per Day	X02	Mechanical Processing	Short Tons Per Hour; Metric Tons Per Hour; Short Tons Per Day; Metric Tons Per Day; Pounds Per Hour; Kilograms Per Hour; Gallons Per Hour; Liters Per Hour; or Gallons Per Day
T03	Incinerator	Short Tons Per Hour; Metric Tons Per Hour; Gallons Per Hour; Liters Per Hour; BTUs Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Gallons Per Day; Metric Tons Per Hour; or Million BTU Per Hour	X03	Thermal Unit	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; BTU Per Hour; Gallons Per Day; Liters Per Hour; or Million BTU Per Hour
T04	Other Treatment	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Short Tons Per Day; BTUs Per Hour; Gallons Per Day; Liters Per Hour; or Million BTU Per Hour	X04	Geologic Repository	Cubic Yards; Cubic Meters; Acre-feet; Hectare-meter; Gallons; or Liters
T80	Boiler	Gallons; Liters; Gallons Per Hour; Liters Per Hour; BTUs Per Hour; or Million BTU Per Hour	X99	Other Subpart X	Any Unit of Measure Listed Below

Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code
Gallons	G	Short Tons Per Hour	D	Cubic Yards	Y
Gallons Per Hour	E	Short Tons Per Day	N	Cubic Meters	C
Gallons Per Day	U	Metric Tons Per Hour	W	Acres	B
Liters	L	Metric Tons Per Day	S	Acre-feet	A
Liters Per Hour	H	Pounds Per Hour	J	Hectares	Q
Liters Per Day	V	Kilograms Per Hour	X	Hectare-meter	F
		Million BTU Per Hour	X	BTU Per Hour	I

7. Process Codes and Design Capacities (Continued)

EXAMPLE FOR COMPLETING Item 7 (shown in line number X-1 below): A facility has a storage tank, which can hold 533.788 gallons.

Line Number	A. Process Code (From list above)			B. PROCESS DESIGN CAPACITY		C. Process Total Number of Units	For Official Use Only				
				(1) Amount (Specify)	(2) Unit of Measure						
X 1	S	0	2	533.788	G	001					
1 1	S	0	1	13,200	G	001					
2	S	0	1	330	G	001					
3	S	0	1	330	G	001					
4	S	0	1	330	G	001					
5	S	0	1	7,920	G	001					
6	S	0	1	330	G	001					
7											
8											
9											
1 0											
1 1											
1 2											
1 3											

Note: If you need to list more than 13 process codes, attach an additional sheet(s) with the information in the same format as above. Number the line sequentially, taking into account any lines that will be used for "other" process (i.e., D99, S99, T04, and X99) in Item 8.

8. Other Processes (Follow instructions from Item 7 for D99, S99, T04, and X99 process codes)

Line Number (Enter #s in sequence with Item 7)	A. Process Code (From list above)			B. PROCESS DESIGN CAPACITY		C. Process Total Number of Units	For Official Use Only				
				(1) Amount (Specify)	(2) Unit of Measure						
X 2	T	0	4	100.00	U	001					
N A											

9. Description of Hazardous Wastes - Enter Information in the Sections on Form Page 5

- A. EPA HAZARDOUS WASTE NUMBER** – Enter the four-digit number from 40 CFR, Part 261 Subpart D of each listed hazardous waste you will handle. For hazardous wastes which are not listed in 40 CFR, Part 261 Subpart D, enter the four-digit number(s) from 40 CFR Part 261, 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 Item 9.A, estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in Item 9.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 Item 9.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 waste: For each listed hazardous waste entered in Item 9.A, select the code(s) from the list of process codes contained in Items 7.A and 8.A on page 3 to indicate all the processes that will be used to store, treat, and/or dispose of all listed hazardous wastes.

For non-listed waste: For each characteristic or toxic contaminant entered in Item 9.A, select the code(s) from the list of process codes contained in Items 7.A and 8.A on page 3 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: THREE SPACES ARE PROVIDED FOR ENTERING PROCESS CODES. IF MORE ARE NEEDED:

1. Enter the first two as described above.
2. Enter "000" in the extreme right box of Item 9.D(1).
3. Use additional sheet, enter line number from previous sheet, and enter additional code(s) in Item 9.E.

2. PROCESS DESCRIPTION: If code is not listed for a process that will be used, describe the process in Item 9.D(2) or in Item 9.E(2).

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 Item 9.A. On the same line complete Items 9.B, 9.C, and 9.D by estimating the total annual quantity of the waste and describing all the processes to be used to store, treat, and/or dispose of the waste.
2. In Item 9.A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In Item 9.D.2 on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING Item 9 (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 operations. 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 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES														
	(1) PROCESS CODES (Enter Code)										(2) PROCESS DESCRIPTION (If code is not entered in 9.D(1))											
X	1	K	0	5	4	900	P	T	0	3	D	8	0									
X	2	D	0	0	2	400	P	T	0	3	D	8	0									
X	3	D	0	0	1	100	P	T	0	3	D	8	0									
X	4	D	0	0	2																	Included With Above

9. Description of Hazardous Wastes (Continued. Use additional sheet(s) as necessary; number pages as 5a, etc.)														
Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES						
								(1) PROCESS CODES (Enter Code)						
	1	D	0	0	1	20.25	T	S	0	1				Mustard agent-related waste
	2	D	0	0	2									(including DOT bottles)
	3	D	0	0	3									Included with above
	4	D	0	0	4									Included with above
	5	D	0	0	5									Included with above
	6	D	0	0	6									Included with above
	7	D	0	0	7									Included with above
	8	D	0	0	8									Included with above
	9	D	0	0	9									Included with above
1	0	D	0	1	0									Included with above
1	1	D	0	1	1									Included with above
1	2	D	0	2	2									Included with above
1	3	D	0	2	8									Included with above
1	4	D	0	2	9									Included with above
1	5	D	0	3	0									Included with above
1	6	D	0	3	4									Included with above
1	7	D	0	3	9									Included with above
1	8	D	0	4	0									Included with above
1	9	D	0	4	3									Included with above
2	0	K	9	0	1									Included with above
2	1	P	9	0	9									Included with above
2	2	P	9	1	0									Included with above
2	3	D	0	0	1	2300	P	S	0	1				Agent-related secondary waste
2	4	D	0	0	2									Included with above
2	5	D	0	0	3									Included with above
2	6	D	0	0	4									Included with above
2	7	D	0	0	5									Included with above
2	8	D	0	0	6									Included with above
2	9	D	0	0	7									Included with above
3	0	D	0	0	8									Included with above
3	1	D	0	0	9									Included with above
3	2	D	0	1	0									Included with above
3	3	D	0	1	1									Included with above
3	4	D	0	2	2									Included with above
3	5	D	0	2	8									Included with above
3	6	D	0	2	9									Included with above

9. Description of Hazardous Wastes (Continued. Use additional sheet(s) as necessary; number pages as 5a, etc.)														
Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES						(2) PROCESS DESCRIPTION (If code is not entered in 9.D(1))
	(1) PROCESS CODES (Enter Code)													
1	D	0	3	4										Included with above
2	D	0	3	7										Included with above
3	D	0	3	9										Included with above
4	D	0	4	0										Included with above
5	D	0	4	3										Included with above
6	K	9	0	2										Included with above
7	P	9	0	9										Included with above
8	P	9	1	0										Included with above
9	D	0	0	1	500	P	S	0	1					PCD Tox Chem Lab Waste
10	D	0	0	2										Included with above
11	F	0	0	3										Included with above
12	K	9	0	2										Included with above
13	P	9	0	9										Included with above
14	P	9	1	0										Included with above
15	D	0	0	2	100	P	S	0	1					Waste Decon Solution
16	D	0	0	4										Included with above
17	D	0	0	5										Included with above
18	D	0	0	6										Included with above
19	D	0	0	7										Included with above
20	D	0	0	8										Included with above
21	D	0	0	9										Included with above
22	D	0	1	0										Included with above
23	D	0	1	1										Included with above
24	D	0	2	2										Included with above
25	D	0	2	8										Included with above
26	D	0	2	9										Included with above
27	D	0	3	4										Included with above
28	D	0	3	9										Included with above
29	D	0	4	0										Included with above
30	D	0	4	3										Included with above
31	K	9	0	2										Included with above
32	D	0	0	4	15000	T	S	0	1					Nonagent-related waste
33	D	0	0	5										(contaminated soils and
34	D	0	0	6										groundwater from
35	D	0	0	7										remediation)
36	D	0	0	8										Included with above

9. Description of Hazardous Wastes (Continued. Use additional sheet(s) as necessary; number pages as 5a, etc.)														
Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES						
	(1) PROCESS CODES (Enter Code)							(2) PROCESS DESCRIPTION (If code is not entered in 9.D(1))						
	1	D	0	0	9									Included with above
	2	D	0	1	0									Included with above
	3	D	0	1	1									Nonagent-related waste
	4	D	0	1	2									(contaminated soils and
	5	D	0	1	3									groundwater from
	6	D	0	1	4									remediation)
	7	D	0	1	5									Included with above
	8	D	0	1	6									Included with above
	9	D	0	1	7									Included with above
1	0	D	0	1	8									Included with above
1	1	D	0	1	9									Included with above
1	2	D	0	2	0									Included with above
1	3	D	0	2	1									Included with above
1	4	D	0	2	2									Included with above
1	5	D	0	2	3									Included with above
1	6	D	0	2	4									Included with above
1	7	D	0	2	5									Included with above
1	8	D	0	2	6									Included with above
1	9	D	0	2	7									Included with above
2	0	D	0	2	8									Included with above
2	1	D	0	2	9									Included with above
2	2	D	0	3	0									Included with above
2	3	D	0	3	1									Included with above
2	4	D	0	3	2									Included with above
2	5	D	0	3	3									Included with above
2	6	D	0	3	4									Included with above
2	7	D	0	3	5									Included with above
2	8	D	0	3	6									Included with above
2	9	D	0	3	7									Included with above
3	0	D	0	3	8									Included with above
3	1	D	0	3	9									Included with above
3	2	D	0	4	0									Included with above
3	3	D	0	4	1									Included with above
3	4	D	0	4	2									Included with above
3	5	D	0	4	3									Included with above
3	6	F	0	0	1									Included with above

9. Description of Hazardous Wastes (Continued. Use additional sheet(s) as necessary; number pages as 5a, etc.)														
Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES						
	(1) PROCESS CODES (Enter Code)							(2) PROCESS DESCRIPTION (If code is not entered in 9.D(1))						
	1	F	0	0	2									Nonagent-related waste
	2	F	0	0	3									(contaminated soils and
	3	F	0	0	4									groundwater from
	4	F	0	0	5									remediation)
	5	F	0	3	9									Included with above
	6	K	0	4	7									Included with above
	7	K	9	0	2									Included with above
	8	P	9	0	9									Included with above
	9	P	9	1	0									Included with above
1	0	F	0	3	9	3750	P	S	0	1				SVE Filtration, Knockout
1	1													water and LNAPL
1	2	F	0	3	9	2000	P	S	0	1				Groundwater remediation
1	3													filters
1	4	D	0	0	1	600	P	S	0	1				PCD Analytical Lab waste
1	5	D	0	0	2									(for restoration prog)
1	6	F	0	0	3									Included with above
1	7	F	0	0	5									Included with above
1	8	U	1	5	4									Included with above
1	9	D	0	0	2	800	P	S	0	1				Acetic acid
2	0	D	0	0	1	120	P	S	0	1				Hexane
2	1	D	0	2	2	90	P	S	0	1				Chloroform
2	2	U	0	4	4									Included with above
2	3	D	0	0	1	35	P	S	0	1				Isopropyl alcohol
2	4	D	0	0	2	420	P	S	0	1				Sulfuric acid
2	5	D	0	0	1	2600	P	S	0	1				Calcium and high-test
2	6													hypochlorite
2	7	D	0	0	1	300	P	S	0	1				Enamel paints
2	8	D	0	3	5									Included with above
2	9	D	0	0	1	280	P	S	0	1				Acetone
3	0	F	0	0	3									Included with above
3	1	U	0	0	2									Included with above
3	2	D	0	0	2	800	P	S	0	1				Batteries
3	3	D	0	0	6									Included with above
3	4	D	0	0	8									Included with above
3	5	D	0	0	9									Included with above
3	6	D	0	0	1	1500	P	S	0	1				Paint thinner

9. Description of Hazardous Wastes (Continued. Use additional sheet(s) as necessary; number pages as 5a, etc.)														
Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES						(2) PROCESS DESCRIPTION (If code is not entered in 9.D(1))
	(1) PROCESS CODES (Enter Code)													
1	D	0	1	8										Included with above
2	D	0	0	1	200	P	S	0	1					Spray enamels and lacquers
3	D	0	0	9	500	P	S	0	1					Mercury-containing lighting waste
4														
5	D	0	0	2	500	P	S	0	1					Lead-acid batteries
6	D	0	0	8										Included with above
7	D	0	0	1	10	P	S	0	1					Starting fluid
8	D	0	0	3	10	P	S	0	1					Phosphate standard
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
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34														
35														
36														

10. Map

Attach to this application a topographical map, or other equivalent 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 intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all spring, rivers, and other surface water bodies in this map area. See instructions for precise requirements.

11. Facility Drawing

All existing facilities must include a scale drawing of the facility (see instructions for more detail).

12. 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).

13. Comments**Part 9.**

Pages 5 through 5d of 6 include waste codes and estimated annual quantities of wastes stored in PCD Hazardous Waste Management Units. Specifically, PCD is currently permitted to store the following.

RCRA permitted Hazardous Waste Management Unit Building 540 is permitted to store wastes carrying the following hazardous waste codes:

D001	D002	D003	D004	D005
D006	D007	D008	D009	D010
D011	D012	D013	D014	D015
D016	D017	D018	D019	D020
D021	D022	D023	D024	D025
D026	D027	D028	D029	D030
D031	D032	D033	D034	D035
D036	D037	D038	D039	D040
D041	D042	D043	F001	F002
F003	F004	F005	F039	K047
U002	U044	U154		

RCRA permitted Hazardous Waste Management Units G1009, G1107, G1109, G1110, and G203 are permitted to store wastes that carry the following hazardous waste codes:

P909	P910	K901	K902
D001	D002	D003	D004
D005	D006	D007	D008
D009	D010	D011	D022
D028	D030	D034	D037
D039	D040	D043	

Part 10, Map.

See topographic map(s) provided in Section B of the RCRA permit application.

Part 11 and 12 Facility Drawing.

See facility drawings in Section B of the RCRA permit application.

<p>SEND COMPLETED FORM TO: The Appropriate State or Regional Office.</p>	<p>United States Environmental Protection Agency RCRA SUBTITLE C SITE IDENTIFICATION FORM</p>	
<p>1. Reason for Submittal</p> <p>MARK ALL BOX(ES) THAT APPLY</p>	<p>Reason for Submittal:</p> <p><input type="checkbox"/> To provide an Initial Notification (first time submitting site identification information / to obtain an EPA ID number for this location)</p> <p><input type="checkbox"/> To provide a Subsequent Notification (to update site identification information for this location)</p> <p><input type="checkbox"/> As a component of a First RCRA Hazardous Waste Part A Permit Application</p> <p><input type="checkbox"/> As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment # _____)</p> <p><input type="checkbox"/> As a component of the Hazardous Waste Report (If marked, see sub-bullet below)</p> <p style="margin-left: 20px;"><input type="checkbox"/> Site was a TSD facility and/or generator of $\geq 1,000$ kg of hazardous waste, >1 kg of acute hazardous waste, or >100 kg of acute hazardous waste spill cleanup in <u>one or more months</u> of the report year (or State equivalent LQG regulations)</p>	
<p>2. Site EPA ID Number</p>	<p>EPA ID Number <input type="text"/> <input type="text"/></p>	
<p>3. Site Name</p>	<p>Name: <input type="text"/></p>	
<p>4. Site Location Information</p>	<p>Street Address: <input type="text"/></p> <p>City, Town, or Village: <input type="text"/> County: <input type="text"/></p> <p>State: <input type="text"/> Country: <input type="text"/> Zip Code: <input type="text"/></p>	
<p>5. Site Land Type</p>	<p><input type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other</p>	
<p>6. NAICS Code(s) for the Site (at least 5-digit codes)</p>	<p>A. <input type="text"/> <input type="text"/></p> <p>B. <input type="text"/> <input type="text"/></p> <p>C. <input type="text"/> <input type="text"/></p> <p>D. <input type="text"/> <input type="text"/></p>	
<p>7. Site Mailing Address</p>	<p>Street or P.O. Box: <input type="text"/></p> <p>City, Town, or Village: <input type="text"/></p> <p>State: <input type="text"/> Country: <input type="text"/> Zip Code: <input type="text"/></p>	
<p>8. Site Contact Person</p>	<p>First Name: <input type="text"/> MI: <input type="text"/> Last: <input type="text"/></p> <p>Title: <input type="text"/></p> <p>Street or P.O. Box: <input type="text"/></p> <p>City, Town or Village: <input type="text"/></p> <p>State: <input type="text"/> Country: <input type="text"/> Zip Code: <input type="text"/></p> <p>Email: <input type="text"/></p> <p>Phone: <input type="text"/> Ext.: <input type="text"/> Fax: <input type="text"/></p>	
<p>9. Legal Owner and Operator of the Site</p>	<p>A. Name of Site's Legal Owner: <input type="text"/> Date Became Owner: <input type="text"/></p> <p>Owner Type: <input type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other</p> <p>Street or P.O. Box: <input type="text"/></p> <p>City, Town, or Village: <input type="text"/> Phone: <input type="text"/></p> <p>State: <input type="text"/> Country: <input type="text"/> Zip Code: <input type="text"/></p> <p>B. Name of Site's Operator: <input type="text"/> Date Became Operator: <input type="text"/></p> <p>Operator Type: <input type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other</p>	

10. Type of Regulated Waste Activity (at your site)
 Mark "Yes" or "No" for all current activities (as of the date submitting the form); complete any additional boxes as instructed.

A. Hazardous Waste Activities; Complete all parts 1-10.

- Y N **1. Generator of Hazardous Waste**
 If "Yes", mark only one of the following – a, b, or c.
- a. LQG: Generates, in any calendar month, 1,000 kg/mo (2,200 lbs./mo.) or more of hazardous waste; or Generates, in any calendar month, or accumulates at any time, more than 1 kg/mo (2.2 lbs./mo) of acute hazardous waste; or Generates, in any calendar month, or accumulates at any time, more than 100 kg/mo (220 lbs./mo) of acute hazardous spill cleanup material.
- b. SQG: 100 to 1,000 kg/mo (220 – 2,200 lbs./mo) of non-acute hazardous waste.
- c. CESQG: Less than 100 kg/mo (220 lbs./mo) of non-acute hazardous waste.

If "Yes" above, indicate other generator activities in 2-4.

- Y N **2. Short-Term Generator** (generate from a short-term or one-time event and not from on-going processes). If "Yes", provide an explanation in the Comments section.
- Y N **3. United States Importer of Hazardous Waste**
- Y N **4. Mixed Waste (hazardous and radioactive) Generator**

- Y N **5. Transporter of Hazardous Waste**
 If "Yes", mark all that apply.
- a. Transporter
- b. Transfer Facility (at your site)

- Y N **6. Treater, Storer, or Disposer of Hazardous Waste** Note: A hazardous waste Part B permit is required for these activities.

- Y N **7. Recycler of Hazardous Waste**

- Y N **8. Exempt Boiler and/or Industrial Furnace**
 If "Yes", mark all that apply.
- a. Small Quantity On-site Burner Exemption
- b. Smelting, Melting, and Refining Furnace Exemption

- Y N **9. Underground Injection Control**

- Y N **10. Receives Hazardous Waste from Off-site**

B. Universal Waste Activities; Complete all parts 1-2.

- Y N **1. Large Quantity Handler of Universal Waste (you accumulate 5,000 kg or more) [refer to your State regulations to determine what is regulated]. Indicate types of universal waste managed at your site. If "Yes", mark all that apply.**
- a. Batteries
- b. Pesticides
- c. Mercury containing equipment
- d. Lamps
- e. Other (specify) _____
- f. Other (specify) _____
- g. Other (specify) _____

- Y N **2. Destination Facility for Universal Waste**
 Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities; Complete all parts 1-4.

- Y N **1. Used Oil Transporter**
 If "Yes", mark all that apply.
- a. Transporter
- b. Transfer Facility (at your site)

- Y N **2. Used Oil Processor and/or Re-refiner**
 If "Yes", mark all that apply.
- a. Processor
- b. Re-refiner

- Y N **3. Off-Specification Used Oil Burner**

- Y N **4. Used Oil Fuel Marketer**
 If "Yes", mark all that apply.
- a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
- b. Marketer Who First Claims the Used Oil Meets the Specifications

7. Process Codes and Design Capacities – Enter information in the Section on Form Page 3

- A. PROCESS CODE** – Enter the code from the list of process codes below that best describes each process to be used at the facility. If more lines are needed, attach a separate sheet of paper with the additional information. For “other” processes (i.e., D99, S99, T04 and X99), describe the process (including its design capacity) in the space provided in Item 8.
- B. PROCESS DESIGN CAPACITY** – For each code entered in Item 7.A; enter the capacity of the process.
1. **AMOUNT** – Enter the amount. In a case where design capacity is not applicable (such as in a closure/post-closure or enforcement action) enter the total amount of waste for that process.
 2. **UNIT OF MEASURE** – For each amount entered in Item 7.B(1), enter the code in Item 7.B(2) from the list of unit of measure codes below that describes the unit of measure used. Select only from the units of measure in this list.
- C. PROCESS TOTAL NUMBER OF UNITS** – Enter the total number of units for each corresponding process code.

Process Code	Process	Appropriate Unit of Measure for Process Design Capacity	Process Code	Process	Appropriate Unit of Measure for Process Design Capacity
Disposal			Treatment (Continued)		
D79	Underground Injection Well Disposal	Gallons; Liters; Gallons Per Day; or Liters Per Day	T81	Cement Kiln	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; BTU Per Hour; Liters Per Hour; Kilograms Per Hour; or Million BTU Per Hour
D80	Landfill	Acre-feet; Hectares-meter; Acres; Cubic Meters; Hectares; Cubic Yards	T82	Lime Kiln	
D81	Land Treatment	Acres or Hectares	T83	Aggregate Kiln	
D82	Ocean Disposal	Gallons Per Day or Liters Per Day	T84	Phosphate Kiln	
D83	Surface Impoundment Disposal	Gallons; Liters; Cubic Meters; or Cubic Yards	T85	Coke Oven	
D99	Other Disposal	Any Unit of Measure Listed Below	T86	Blast Furnace	
Storage			T87	Smelting, Melting, or Refining Furnace	
S01	Container	Gallons; Liters; Cubic Meters; or Cubic Yards	T88	Titanium Dioxide Chloride Oxidation Reactor	
S02	Tank Storage	Gallons; Liters; Cubic Meters; or Cubic Yards	T89	Methane Reforming Furnace	
S03	Waste Pile	Cubic Yards or Cubic Meters	T90	Pulping Liquor Recovery Furnace	
S04	Surface Impoundment	Gallons; Liters; Cubic Meters; or Cubic Yards	T91	Combustion Device Used in the Recovery of Sulfur Values from Spent Sulfuric Acid	
S05	Drip Pad	Gallons; Liters; Cubic Meters; Hectares; or Cubic Yards	T92	Halogen Acid Furnaces	
S06	Containment Building Storage	Cubic Yards or Cubic Meters	T93	Other Industrial Furnaces Listed in 40 CFR 260.10	
S99	Other Storage	Any Unit of Measure Listed Below	T94	Containment Building Treatment	Cubic Yards; Cubic Meters; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour; BTU Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Metric Tons Per Day; Gallons Per Day; Liters Per Day; Metric Tons Per Hour; or Million BTU Per Hour
Treatment			Miscellaneous (Subpart X)		
T01	Tank Treatment	Gallons Per Day; Liters Per Day	X01	Open Burning/Open Detonation	Any Unit of Measure Listed Below
T02	Surface Impoundment	Gallons Per Day; Liters Per Day	X02	Mechanical Processing	Short Tons Per Hour; Metric Tons Per Hour; Short Tons Per Day; Metric Tons Per Day; Pounds Per Hour; Kilograms Per Hour; Gallons Per Hour; or Gallons Per Day
T03	Incinerator	Short Tons Per Hour; Metric Tons Per Hour; Gallons Per Hour; Liters Per Hour; BTUs Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Gallons Per Day; Metric Tons Per Hour; or Million BTU Per Hour	X03	Thermal Unit	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; BTU Per Hour; Gallons Per Day; Liters Per Hour; or Million BTU Per Hour
T04	Other Treatment	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Short Tons Per Day; BTUs Per Hour; Gallons Per Day; Liters Per Hour; or Million BTU Per Hour	X04	Geologic Repository	Cubic Yards; Cubic Meters; Acre-feet; Hectare-meter; Gallons; or Liters
T80	Boiler	Gallons; Liters; Gallons Per Hour; Liters Per Hour; BTUs Per Hour; or Million BTU Per Hour	X99	Other Subpart X	Any Unit of Measure Listed Below
Unit of Measure		Unit of Measure Code	Unit of Measure		Unit of Measure Code
Gallons.....		G	Short Tons Per Hour.....		D
Gallons Per Hour.....		E	Short Tons Per Day.....		N
Gallons Per Day.....		U	Metric Tons Per Hour.....		W
Liters.....		L	Metric Tons Per Day.....		S
Liters Per Hour.....		H	Pounds Per Hour.....		J
Liters Per Day.....		V	Kilograms Per Hour.....		X
			Million BTU Per Hour.....		X
			Cubic Yards.....		Y
			Cubic Meters.....		C
			Acres.....		B
			Acre-feet.....		A
			Hectares.....		Q
			Hectare-meter.....		F
			BTU Per Hour.....		I

9. Description of Hazardous Wastes (Continued. Use additional sheet(s) as necessary; number pages as 5a, etc.)

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES											
				(1) PROCESS CODES (Enter Code)					(2) PROCESS DESCRIPTION (If code is not entered in 9.D(1))						
1															
2															
3															
4															
5															
6															
7															
8															
9															
1	0														
1	1														
1	2														
1	3														
1	4														
1	5														
1	6														
1	7														
1	8														
1	9														
2	0														
2	1														
2	2														
2	3														
2	4														
2	5														
2	6														
2	7														
2	8														
2	9														
3	0														
3	1														
3	2														
3	3														
3	4														
3	5														
3	6														

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Attachment 1

Calculation Assumptions

1. Container Storage Unit H1102

Estimated maximum volume of waste to be stored:

- Largest Overpacked Munition is 155mm Projectile (1.10 gallons of HD + 0.03 gallons tetrytol)
- Maximum number of munitions to be stored in a storage igloo is 300 (per PCD Hazardous Waste Permit, December 2013)

Volume Capacity of Munitions in Storage

$$\begin{aligned} &= \text{Number Munitions} \times \text{Volume of Largest Munition} \\ &= 300 \text{ munitions} \times 1.1 \text{ gallons} \\ &= 330 \text{ gallons} \end{aligned}$$

2. Container Storage Unit H1103

Estimated maximum volume of waste to be stored inside:

- 30, 330-gallon totes = 9,900 gallons
- 17 pallets with four 55-gallon drums per pallet = 3,740 gallons

Total maximum volume of waste = 13,640 gallons inside CSU H1103.

Estimated volume of solid hazardous waste in roll-off containers:

- Two 25-cubic yard roll-off containers adjacent to CSU H1103
- Total volume = 50 cubic yards hazardous waste

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Attachment 2

Explosive Destruction System (EDS) Process Design Calculation

Treatment using the EDS is a batch process where one or more items may be processed at a time. The maximum number of items that can be treated is based on the amount of explosives (burster and fuse) items contain and the amount of donor charge needed to access the items. At no time will the total net explosive weight (NEW)^a limit of an EDS be exceeded.

Two EDS Phase 2 Units will be operated at the PCAPP EDS site. The EDS Phase 2 Unit is capable of safely withstanding a detonation of up to 9 pounds of TNT equivalent explosives. The following calculation represents the most plausible maximum treatment design capacity scenario.

Estimated annual quantity of waste treated in the EDS:

$$2 - \text{Phase 2 Vessels @ } 9.0 \text{ lbs. NEW}^a = 0.008164 \text{ metric tons/day}$$

• _____

Note:

^a NEW = The actual weight (in pounds) of explosive mixtures or compounds, including the trinitrotoluene equivalent of energetic material that is used in determining explosive limits.

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