Message

From: Ashby.Scott_deq.virginia.gov [Ashby.Scott@deq.virginia.gov]
Sent: 7/18/2017 5:56:49 PM
To: Pena-Molina, Ana [pena-molina.ana@epa.gov]
CC: Kuziomko, Joseph [kuziomko.joseph@epa.gov]; Shuster, Kenneth [Shuster.Kenneth@epa.gov]; leslie.romanchik@deq.virginia.gov
Subject: RE: ORCR Project regarding OB/OD sites in Virginia
Attachments: Range T-6 Closure Approval Belvoir-9.25.2003.pdf

Ana,

Below are my answers for Ft. Belvoir, Range T-6:

1. Did these sites complete clean closure or are they still in the process of seeking to clean close?
   Range T-6 was clean closed to industrial/commercial use levels with a notice of limited use restriction. See attached approval letter.

2. Did the state officially certify/approve the unit(s) Clean Closed (CC)?
   Yes, the state approved closure on September 25, 2003. See attached approval letter.

3. What was the volume of waste disposed, frequency (e.g., daily, weekly, monthly, periodically), and years of operation?
   Unknown, original closure plan could not be located.

4. Was it OB or OD or both?
   The unit was for OB/OD.

10. What was the total cost to achieve Clean Closed (CC) status?
    Unknown, federal facilities are not required to keep closure cost estimates under RCRA.

I would suggest speaking with Barbra Smith at Region 3 to see if she has a copy of the closure plan for the unit.

Thanks,
Ashby

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From: Pena-Molina, Ana [mailto:pena-molina.ana@epa.gov]
Sent: Monday, July 17, 2017 3:55 PM
To: Scott, Ashby (DEQ)
Cc: Kuziomko, Joseph; Shuster, Kenneth
Subject: FW: ORCR Project regarding OB/OD sites in Virginia

From: Pena-Molina, Ana
Sent: Monday, July 17, 2017 3:52 PM
To: Angela.alonso@deq.virginia.gov; leslie.romanchik@deq.virginia.gov; 'ahsby.scott@deq.virginia.gov' <ahsby.scott@deq.virginia.gov>; Mirro, Rachel <mirro.rachel@epa.gov>; Matyskiela, Linda <Matyskiela.Linda@epa.gov>; pizarro, luis <pizarro.luis@epa.gov>; Hall, Kristen <hall.kristen@epa.gov>; Kinslow, Sara <Kinslow.Sara@epa.gov>
Cc: Shuster, Kenneth <Shuster.Kenneth@epa.gov>; Kuziomko, Joseph <kuziomko.joseph@epa.gov>; Kohler, Amanda <Kohler.Amanda@epa.gov>
Subject: ORCR Project regarding OB/OD sites in Virginia

I am writing to seek information on the closure status of the Open Burn/Open Detonation (OB/OD) units listed below to assist ORCR in a new project to assess closure of OB/OD units. With this information, EPA will be able to identify, evaluate, and document procedures, techniques, and criteria to assess, clean up, and close OB/OD units/sites in a standardized manner.

EPA has been documenting soil and ground water contamination from OB/OD units and the costs to clean them up. Given the inordinate extent of contamination and costs of clean-up that have been reported, we are now seeking to learn more about the monitoring, clean-up procedures, successes, and costs of these efforts. There is currently no national guidance on procedures to assess, monitor, and clean up OB/OD sites, nor metrics to achieve clean closure of OB/OD units. We are requesting information on the clean closure (CC) of OB/OD sites to assist us.

Please first verify the following codes for your appropriate facilities in Virginia.

Virginia							
FACILITY_ID	FACILITY_NAME	UNIT_NAME	UNITs	UNIT_DETAIL_SEQ	legal status	operating status	EFFECTIVE_DATE
VA7213720082	US ARMY GARRISON FORT BELVOIR	RANGE T-6	22	4	IT	CC	20030925
VAD981112618	AEROJET ROCKETDYNE, INC.	THERMAL TRMTUNIT 1	3	4	RD	CC	20130411
VAD981112618	AEROJET ROCKETDYNE, INC.	THERMAL TRMTUNIT 3	5	3	RD	CC	20130411
VAD981112618	AEROJET ROCKETDYNE, INC.	THERMAL TRMTUNIT 4	6	3	RD	CC	20130411
VAD981112618	AEROJET ROCKETDYNE, INC.	THERMAL TRM UNIT 2	8	2	RD	CC	20130411
VA2210020416	US ARMY GARRISON, FORT A.P. HILL	OB/OD DEMO 77 & 80	2	4	LI	CA	19981202
VA8170024170	NAVAL WEAPONS STATION YORKTOWN	BURN PAD	6	4	IS	SF	19940909
VA8170024170	NAVAL WEAPONS STATION YORKTOWN	EOD RANGE	10	2	IS	SF	19940909
VA7170024684	US NAVY DAHLGREN	#1 POWDER BURN	5	1	IS	SF	19880331
VA1170024722	MARINE CORPS BASE, QUANTICO	CHARLIE DEMO	4	2	NN	IN	19920427

Questions:

We have a number of questions we hope you can answer regarding your clean closed/closing sites. The operating status of the facilities will determine which sets of questions are to be answered. We understand that some of this data may be difficult to find but we would really appreciate if you could dig it up for us as it will help us move forward with this project and eventually help EPA update OB/OD closing procedures.

Clean Closed (CC) Facilities' questions:

1. Did these sites complete clean closure or are they still in the process of seeking to clean close?
2. Did the state officially certify/approve the unit(s) Clean Closed (CC)?
3. What was the volume of waste disposed, frequency (e.g., daily, weekly, monthly, periodically), and years of operation?
4. Was it OB or OD or both?
5. What sampling procedures were used to identify the extent of the contamination, including kick-out and fallout (e.g., geophysical techniques used to identify buried munitions and fragments; trenching; grid, spokes, meandering way, visual, or random sampling of soil/for kick-out; depth; until no more found; and ground water monitoring)?
6. Were components of the unit removed (e.g., any platforms, pans, pads, and liners)?
7. What clean-up procedures and techniques were used to clean up the contaminants (e.g., excavation, soil sifting)?
8. What data was recorded and metrics used to evaluate the extent and levels of contamination?
9. What criteria was used to certify clean closure (e.g., EPA action levels)?
10. What was the total cost to achieve Clean Closed (CC) status?

Inactive/Closing, but Not Yet RCRA Closed (IN) and Corrective Action and Superfund (CA, SF) Facilities' questions:

1. Are these units seeking to clean close?
2. If so, what criteria is being used to attempt clean closure (e.g., EPA action levels)?
3. What was the volume of waste disposed, frequency (e.g., daily, weekly, monthly, periodically), and years of operation?
4. Was it OB or OD or both?
5. What sampling procedures are being used to identify the extent of the contamination, including kick-out and fallout (e.g., geophysical techniques used to identify buried munitions and fragments; trenching; grid, spokes, meandering way, visual, or random sampling of soil/for kick-out; depth; until no more found; and ground water monitoring)?
6. Were components of the unit removed (e.g., any platforms, pans, pads, and liners)?
7. What clean-up procedures and techniques are being used to clean up the contaminants (e.g., excavation, soil sifting)?
8. What data is being recorded and metrics being used to evaluate the extent and levels of contamination?
9. What is the total cost to date to remediate the site?

We plan to have a contractor gather this information on a select number of sites from the states. The purpose of this current effort is to gather information on the status of cleanup at these sites to help us identify which sites have the best information for our contractor to follow up with. Thus, for this effort, we seek answers to questions 1-4 and the last question in each set, and for the remaining questions we seek whether or not good information exists to answer these questions. We hope to receive this information by July 31st. Thank you for taking time to assist us with this project. If you have any questions, please feel free to reach out to us. Any information that you may be able to provide will be helpful in our project.

Sincerely,

Ana Pena-Molina

703-308-8753

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