Message

From: Kuziomko, Joseph [kuziomko.joseph@epa.gov]
Sent: 7/31/2017 1:38:48 PM
To: Shuster, Kenneth [Shuster.Kenneth@epa.gov]
CC: Pena-Molina, Ana [pena-molina.ana@epa.gov]
Subject: FW: ORCR Project regarding OB/OD sites in Kansas
Attachments: ks0213820467.pdf

Best,
Joseph Kuziomko
Intern, US EPA Office of Resource Conservation and Recovery (ORCR)
Potomac Yard South
(703)-347-8168

From: Herstowski, Ken
Sent: Thursday, July 27, 2017 4:48 PM
To: Kuziomko, Joseph <kuziomko.joseph@epa.gov>
Subject: RE: ORCR Project regarding OB/OD sites in Kansas

Joe –

Attached is the EPA RCRA File Index for Kansas Army Ammunition Plant/Great Plains Development Authority.

Note that the open burning area is Burn Pad 5 and SWMU 24

Ken Herstowski
Project Manager
EPA Region 7
ENST/EFCB
300 Minnesota Avenue
Kansas City, KS 66101

9135517631
herstowski.ken@epa.gov

From: Kuziomko, Joseph
Sent: Tuesday, July 18, 2017 9:37 AM
To: Herstowski, Ken <Herstowski.Ken@epa.gov>
Cc: Shuster, Kenneth <Shuster.Kenneth@epa.gov>; Pena-Molina, Ana <pena-molina.ana@epa.gov>
Subject: FW: ORCR Project regarding OB/OD sites in Kansas

Hello Ken,

I am working with Ken Shuster on OB/OD sites, looking to gather information on CC process. I was referenced by Richard Flanary to contact you about the sites below. Any information you can give us would be beneficial for this project. Or let me know where we can gather the information requested below:

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 facilities in Kansas.

Kansas							
FACILITY_ID	FACILITY_NAME	UNIT_NAME	UNITs	UNIT_DETAIL_SEQ	legal status	operating status	EFFECTIVE_DATE
KS3213820878	SUNFLOWER ARMY AMMUNITION PLANT - FORMER SITE OF	OPEN BURNING	14	2	IS	CC	20000501
KS0213820467	GREAT PLAINS DEVELOPMENT AUTHORITY/GREAT PLAINS INDUSTRIAL PARK	OPEN BURNING	25	3	IS	IN	20100628

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)?
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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,
Joseph Kuziomko
703-347-8168

U.S. EPA Headquarters
Two Potomac Yard
2777S. Crystal Drive
Arlington, VA 22202-3553

From: Richard Flanary [KDHE] [mailto:Richard.Flanary@ks.gov]
Sent: Monday, July 17, 2017 4:37 PM
To: Kuziomko, Joseph <kuziomko.joseph@epa.gov>
Cc: Pena-Molina, Ana <pena-molina.ana@epa.gov>; Shuster, Kenneth <Shuster.Kenneth@epa.gov>; Miles Stotts [KDHE] <Miles.Stotts@ks.gov>; Steve Sellmeyer [KDHE] <Steve.Sellmeyer@ks.gov>; Kelly Peterson [KDHE] <Kelly.Peterson@ks.gov>
Subject: RE: ORCR Project regarding OB/OD sites in Kansas

Joe,

For GPDA/D&ZKSLLC EPA(Ken Herstowski)/BER clean closed Burn Pad 6, a SWMU to Industrial RSK's and BWM clean closed Burn Pad 5, a RCRA interim status unit to Residential RSK's. This included groundwater.

The closure process for Burn Pads 5 and 6 started in 2009 and finished in 2016. Burn Pads 1-4 were closed many years ago, but may have been re-evaluated when the Army closed the facility.

EPA(Ken Herstowski)/BER also closed Burn Pads 1-4 as SWMU's that were historically operated in the past.

EPA has copies of everything in BER's and BWM's files on investigation and remediation activities for the Burn Pads 1-6 coordinated by the KC Corps of Engineers under various environmental contractors.

The KC Corps of Engineers might be willing to provide the actual dollars costs to EPA provided the Army/USDOD has no problems with the KC Corps of Engineers releasing the information assuming the information is easily retrievable..

I was not involved with SUNFLOWER ARMY AMMUNITION PLANT - FORMER SITE OF but EPA(Ken Herstowski)/BER probably have the file same information on its current status. I know the developer of the site's remediation ran out of funds and stalled its redevelopment which is still pending.

Richard L. Flanary, PE, MS
Hazardous Waste Permits Section
Phone: 785-296-6562
Fax: 785-296-1592
email: Richard.Flanary@ks.gov

From: Kuziomko, Joseph [mailto:kuziomko.joseph@epa.gov]
Sent: Monday, July 17, 2017 11:36 AM
To: Richard Flanary [KDHE] <Richard.Flanary@ks.gov>
Cc: Pena-Molina, Ana <pena-molina.ana@epa.gov>; Shuster, Kenneth <Shuster.Kenneth@epa.gov>
Subject: FW: ORCR Project regarding OB/OD sites in Kansas

From: Kuziomko, Joseph
Sent: Monday, July 17, 2017 12:28 PM
To: 'steve.sellmeyer@ks.gov' <steve.sellmeyer@ks.gov>; 'everett.spellman@ks.gov' <everett.spellman@ks.gov>; 'miles.stotts@ks.gov' <miles.stotts@ks.gov>; 'tiffini.wells@ks.gov' <tiffini.wells@ks.gov>
Cc: Shuster, Kenneth <Shuster.Kenneth@epa.gov>; Pena-Molina, Ana <pena-molina.ana@epa.gov>; Kohler, Amanda <Kohler.Amanda@epa.gov>
Subject: ORCR Project regarding OB/OD sites in Kansas

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Clean Closed (CC) Facilities' questions:

1. Did these sites complete clean closure or are they still in the process of seeking to clean close? Yes GREAT PLAINS DEVELOPMENT AUTHORITY/GREAT PLAINS INDUSTRIAL PARK, ???? SUNFLOWER ARMY AMMUNITION PLANT - FORMER SITE OF
2. Did the state officially certify/approve the unit(s) Clean Closed (CC)? Yes GREAT PLAINS DEVELOPMENT AUTHORITY/GREAT PLAINS INDUSTRIAL PARK, ???? SUNFLOWER ARMY AMMUNITION PLANT - FORMER SITE OF
3. What was the volume of waste disposed, frequency (e.g., daily, weekly, monthly, periodically), and years of operation? Periodically GREAT PLAINS DEVELOPMENT AUTHORITY/GREAT PLAINS INDUSTRIAL PARK, ??? SUNFLOWER ARMY AMMUNITION PLANT - FORMER SITE OF
4. Was it OB or OD or both? OB GREAT PLAINS DEVELOPMENT AUTHORITY/GREAT PLAINS INDUSTRIAL PARK, ???
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)? All, GREAT PLAINS DEVELOPMENT AUTHORITY/GREAT PLAINS INDUSTRIAL PARK, ??? SUNFLOWER ARMY AMMUNITION PLANT - FORMER SITE OF
6. Were components of the unit removed (e.g., any platforms, pans, pads, and liners)? Pans. GREAT PLAINS DEVELOPMENT AUTHORITY/GREAT PLAINS INDUSTRIAL PARK, ???? SUNFLOWER ARMY AMMUNITION PLANT - FORMER SITE OF
7. What clean-up procedures and techniques were used to clean up the contaminants (e.g., excavation, soil sifting)? All, GREAT PLAINS DEVELOPMENT AUTHORITY/GREAT PLAINS INDUSTRIAL PARK, ??? SUNFLOWER ARMY AMMUNITION PLANT - FORMER SITE OF
1. What data was recorded and metrics used to evaluate the extent and levels of contamination? Analytical, GREAT PLAINS DEVELOPMENT AUTHORITY/GREAT PLAINS INDUSTRIAL PARK, ??? SUNFLOWER ARMY AMMUNITION PLANT - FORMER SITE OF
8. What criteria was used to certify clean closure (e.g., EPA action levels)? Kansas Industrial and Residential RSKs, GREAT PLAINS DEVELOPMENT AUTHORITY/GREAT PLAINS INDUSTRIAL PARK, ??? SUNFLOWER ARMY AMMUNITION PLANT - FORMER SITE OF
9. What was the total cost to achieve Clean Closed (CC) status? KC Corps of Engineers contracted all work for GREAT PLAINS DEVELOPMENT AUTHORITY/GREAT PLAINS INDUSTRIAL PARK, ??? SUNFLOWER ARMY AMMUNITION PLANT - FORMER SITE OF

10. **Inactive/Closing, but Not Yet RCRA Closed (IN) and Corrective Action and Superfund (CA, SF) Facilities' questions: N/A** GREAT PLAINS DEVELOPMENT AUTHORITY/GREAT PLAINS INDUSTRIAL PARK, ??? SUNFLOWER ARMY AMMUNITION PLANT - FORMER SITE OF

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