



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JUL 12 2010

OFFICE OF
SOLID WASTE AND
EMERGENCY RESPONSE

The Honorable Addison D. Davis IV
Deputy Assistant Secretary for Environment,
Safety, and Occupational Health
U.S. Department of the Army
110 Army Pentagon, Rm 3D453
Washington, D.C. 20310-0110

Dear Mr. Davis:

The purpose of this annual letter is to ensure close coordination between the U.S. Department of the Army (Army) and the U.S. Environmental Protection Agency (EPA) in meeting key Government Performance and Results Act (GPRA) measures. As you know, EPA annually tracks accomplishments at Superfund NPL sites, of which Army NPL facilities are a part. These measures include: Human Exposure Environmental Indicator (EI); Migration of Contaminated Groundwater (EI); Sitewide Ready for Anticipated Use (SWRAU); Construction Completions (CC); and Five-Year Reviews (5YR). Although 5YRs are not GPRA measures, they are a very important activity and EPA reports annually to Congress our progress towards meeting these targets. Please see attached charts for site-specific data on these measures.

We appreciate the Army's continued efforts to work with EPA to ensure that we are accurately capturing our progress toward protection of human health and the environment. In particular, I'd like to emphasize the importance of your Services' continued participation in the EPA/DoD Goal Harmonization Workgroup. Through this workgroup we hope to 1) better align our reporting metrics / measures, 2) develop a joint target setting process, 3) and improve our external metric communication and reporting. Eventually, we envision a closely aligned process for establishing goals and measuring progress of NPL cleanups.

- **Environmental Indicators**

By the end of FY2010, EPA has a nationally established overall goal of 148 Federal NPL facilities (out of 173) achieving the Human Exposure Under Control EI status and 109 federal NPL facilities achieving the Groundwater Migration Under Control EI status. Using our FY2010 mid-year data, EPA believes that Human Exposure is Not Under Control or has Insufficient Data at 9 of your 43 NPL facilities (21%). For your convenience, the complete list is attached to this letter. Please provide us with a brief estimate of when (fiscal year) the Army expects these 9 installations to qualify as Human Exposure Under Control.

Additionally, EPA believes that there are 16 Army NPL installations (out of 40 facilities with Groundwater) at which Groundwater Migration is Not Under Control or has Insufficient Data (40%). Please provide us with your estimate of when the Army expects these 16 installations to achieve a status of Groundwater Migration Under Control.

- **Sitewide Ready for Anticipated Use**

EPA's Superfund program has its own acreage measure independent of any state or agency. EPA measures acres with two distinct indicators: 1) Acres Protected for People (PFP) and 2) Acres Ready for Anticipated Use (RAU). Additionally, the Superfund program measures the number of sites which are Sitewide Ready for Anticipated Use (SWRAU). All land-based Superfund acres are designated by Operable Unit (OU) or parcel.

The PFP designation is used for acres which are currently protective for human health (i.e. Human Exposure is Under Control). The RAU designation is used for acres which are protective for human health, all cleanup goals in the Decision Document(s) have been achieved, and all institutional controls (if necessary) have been put in place. Once all OUs or parcels have been designated as RAU, and the facility is already Construction Complete, the installation meets the criteria for becoming SWRAU (for NPL sites only).

There are three Army NPL facilities targeted for SWRAU in FY2010. Please confirm that these three facilities will be able to reach this milestone this fiscal year. There is currently one Army Federal facility NPL installation which is planned to achieve this milestone in FY2011, and three in FY2012 (please see attached list). Please verify whether this planning data is accurate.

- **Construction Completion**

As you are aware, EPA's CC measure is one of the primary tools used by EPA to report the progress of cleanup activities. For FY2010, there is one Army facility targeted to achieve this measure. EPA is currently showing that the Army will achieve one CC in FY2011, and there are 2 facilities planned for FY2012.

We are very interested in accurately and realistically projecting the achievement of CCs at all Federal facilities in the context of ensuring the protection of human health and the environment. Please respond confirming whether the Army agrees with the provided CC planning data, and the likelihood that these targeted candidates will achieve CC on, or before, schedule.

- **Five-Year Reviews**

Five-Year Reviews are conducted to evaluate the implementation and performance of a remedy in order to determine if the remedy is, or will be, protective of human health and the environment. Nine Army 5YRs are targeted for completion in FY2010. Any 5YR listing highlighted in red in the chart below means that, as of mid-year FY2010, the report had not been finalized and was overdue. Please provide us with an explanation of why the Army believes these statutorily required Five-Year Reviews have not been completed.

In FY2010, EPA's Inspector General (IG) performed an audit on Federal Facility Five-Year Review reports, their associated data, their Issues and Recommendations, timeliness of the reports, etc. The IG recommends that EPA improve its role in, and management of, Federal facility 5YRs. We have transmitted this report to you under separate cover.

The agency considers all of these measures of critical importance because they enable us to report to the public and Congress where actions have been taken to protect human health and the environment at Superfund NPL facilities. Achievement of these measures is based on a continually successful partnership between EPA and the Army. Many communities have expressed an interest in more transparency, and involvement in the cleanup of contaminated facilities. EPA is committed to implementing a management strategy to identify opportunities for more community involvement.

In addition, EPA is initiating an aggressive multi-year effort, called the Integrated Cleanup Initiative (ICI), to integrate and leverage its land cleanup authorities (i.e., Superfund Remedial, Removal, Federal Facilities, and Brownfields) to address a greater number of contaminated sites, accelerate cleanups, and put sites back into productive use while protecting human health and the environment. As a first step, EPA has committed to a new publicly reported performance measure in FY2011 - an increase in completion of Superfund remedial action projects. This new measure better demonstrates ongoing progress and risk reduction at Superfund sites and provides the opportunity to better manage our cleanup program. We will be talking with the Army more about this new measure as we move forward toward the 2011 reporting date.

Thank you in advance for your efforts to work with EPA in ensuring that we continue to protect human health and the environment at Superfund NPL facilities. I ask that your organization work with our regional offices, and the Federal Facilities Restoration and Reuse Office (FFRRO), to continue efforts to achieve protective cleanups and utilize these measures to communicate our joint successes in doing so. FFRRO's Office Director is John Reeder and he can be reached at (703) 603-9089 or at reeder.john@epa.gov. You can also contact Gail A. Cooper, FFRRO's Deputy Director and management lead for measures at (703) 603-0049 or at cooper.gailann@epa.gov.

Sincerely,



Mathy Stanislaus
Assistant Administrator

cc: John Reeder, FFRRO
Gail A. Cooper, FFRRO
James Woolford, OSRTI
Superfund Regional National Program Managers, Regions I – X
RCRA Regional National Program Managers, Regions I - X
Federal Facility Program Managers, Regions I – X

FIVE YEAR REVIEWS (as of April 1, 2010)

ARMY (USAR)						
FY	REG	STATE	FACILITY NAME	NPL	ACTUAL COMP	FYR DUE DATE
2010	01	MA	FORT DEVENS	FINAL		9/29/2010
2010	02	NJ	FORT DIX (LANDFILL SITE)	FINAL		9/29/2010
2010	03	WV	WEST VIRGINIA ORDNANCE (USARMY)	FINAL		6/10/2010
2010	04	AL	ANNISTON ARMY DEPOT (SOUTHEAST INDUSTRIAL AREA)	FINAL		11/4/2009
2010	04	TN	MILAN ARMY AMMUNITION PLANT	FINAL		9/27/2010
2010	07	MO	LAKE CITY ARMY AMMUNITION PLANT (NORTHWEST LAGOON)	FINAL		9/7/2010
2010	07	MO	WELDON SPRING FORMER ARMY ORDNANCE WORKS	FINAL		3/21/2010
2010	07	NE	CORNHUSKER ARMY AMMUNITION PLANT	FINAL		9/17/2009
2010	10	OR	UMATILLA ARMY DEPOT (LAGOONS)	FINAL		11/19/2009
2010 Count						9
2011	01	MA	FORT DEVENS-SUDBURY TRAINING ANNEX	DELETED		9/25/2011
2011	01	MA	MATERIALS TECHNOLOGY LABORATORY (USARMY)	DELETED		3/20/2011
2011	02	NJ	PICATINNY ARSENAL (USARMY)	FINAL		9/6/2011
2011	02	NY	SENECA ARMY DEPOT	FINAL		9/5/2011
2011	06	LA	LOUISIANA ARMY AMMUNITION PLANT	FINAL		6/28/2011
2011	06	TX	LONE STAR ARMY AMMUNITION PLANT	FINAL		8/31/2011
2011	07	IA	IOWA ARMY AMMUNITION PLANT	FINAL		3/23/2011
2011	09	CA	RIVERBANK ARMY AMMUNITION PLANT	FINAL		9/22/2011
2011	10	AK	FORT WAINWRIGHT	FINAL		9/29/2011
2011 Count						9
2012	03	MD	FORT GEORGE G. MEADE	FINAL		5/29/2012
2012	03	PA	LETTERKENNY ARMY DEPOT (PDO AREA)	FINAL		3/12/2012
2012	03	PA	TOBYHANNA ARMY DEPOT	FINAL		9/29/2012
2012	07	KS	FORT RILEY	FINAL		9/20/2012

2012	09	CA	FORT ORD	FINAL	9/25/2012
2012	09	CA	SACRAMENTO ARMY DEPOT	FINAL	9/24/2012
2012	09	HI	SCHOFIELD BARRACKS (USARMY)	DELETED	9/24/2012
2012	10	WA	FORT LEWIS LOGISTICS CENTER	FINAL	9/28/2012
2012 Count					8
Grand Count					26

CONSTRUCTION COMPLETIONS (as of April 1, 2010)

Planned NPL Site Construction Completion				FY 2010	FY 2011
<u>EPA Region</u>	<u>Military Service</u>	<u>State</u>	<u>Facility Name</u>		
06	ARMY	LA	LOUISIANA ARMY AMMUNITION PLANT		
Planned NPL Site Construction Completions					
<u>EPA Region</u>		<u>State</u>	<u>Facility Name</u>		
05	ARMY	MN	NEW BRIGHTON/ARDEN HILLS/TCAAP (USARMY)		
Planned NPL Site Construction Completions					
<u>EPA Region</u>	<u>Military Service</u>	<u>State</u>	<u>Facility Name</u>		
04	ARMY	AL	ALABAMA ARMY AMMUNITION PLANT		
07	ARMY	KS	FORT RILEY		

SITEWIDE READY FOR ANTICIPATED USE (as of April 1, 2010)

FY 2010	

Planned NPL Site-wide Ready-for-Reuse			
<u>EPA Region</u>	<u>Military Service</u>	<u>State</u>	<u>Facility Name</u>
05	ARMY	IL	JOLIET ARMY AMMUNITION PLANT (LOAD-ASSEMBLY-PACKING AREA)
05	ARMY	IL	JOLIET ARMY AMMUNITION PLANT (MANUFACTURING AREA)
10	ARMY	WA	FORT LEWIS (LANDFILL NO. 5)
FY 2011			
Planned NPL Site-wide Ready-for-Reuse			
<u>EPA Region</u>	<u>Military Service</u>	<u>State</u>	<u>Facility Name</u>
06	ARMY	LA	LOUISIANA ARMY AMMUNITION PLANT
FY 2012			
Planned NPL Site-wide Ready-for-Reuse			
<u>EPA Region</u>	<u>Military Service</u>	<u>State</u>	<u>Facility Name</u>
04	ARMY	AL	ALABAMA ARMY AMMUNITION PLANT
05	ARMY	MN	NEW BRIGHTON/ARDEN HILLS/TCAAP (ARMYMY)
07	ARMY	MO	WELDON SPRING FORMER ARMY ORDNANCE WORKS

ENVIRONMENTAL INDICATORS (as of April 1, 2010)

ARMY			
EPA	STATE	FACILITY NAME	
			ARMY
			NPL
			HUMAN
			GROUNDWATER

REGION			STATUS	EXPOSURE	MIGRATION
01	MA	FORT DEVENS	FINAL	HE UNDER CONTROL	GM NOT CONTROLLED
01	MA	FORT DEVENS-SUDBURY TRAINING ANNEX	DELETED	LONG TERM PROTECT	GM UNDER CONTROL
01	MA	MATERIALS TECHNOLOGY LABORATORY (USARMY)	DELETED	LONG TERM PROTECT	NOT A GM SITE
01	MA	NATICK LABORATORY ARMY RESEARCH, DEVELOPMENT, AND ENGINEERING CENTER	FINAL	HE UNDER CONTROL	GM NOT DETERMINED
02	NJ	FORT DIX (LANDFILL SITE)	FINAL	LONG TERM PROTECT	GM UNDER CONTROL
02	NJ	PICATINNY ARSENAL (USARMY)	FINAL	HE UNDER CONTROL	GM UNDER CONTROL
02	NY	SENECA ARMY DEPOT	FINAL	HE UNDER CONTROL	GM UNDER CONTROL
03	MD	ABERDEEN PROVING GROUND (EDGEWOOD AREA)	FINAL	HE NOT CONTROLLED	GM NOT CONTROLLED
03	MD	ABERDEEN PROVING GROUND (MICHAELSVILLE LANDFILL)	FINAL	HE UNDER CONTROL	GM UNDER CONTROL
03	MD	FORT DETRICK AREA B GROUND WATER	FINAL	HE NOT DETERMINED	GM NOT DETERMINED
03	MD	FORT GEORGE G. MEADE	FINAL	HE NOT CONTROLLED	GM NOT CONTROLLED
03	PA	LETTERKENNY ARMY DEPOT (PDO AREA)	FINAL	HE NOT DETERMINED	GM NOT CONTROLLED
03	PA	LETTERKENNY ARMY DEPOT (SE AREA)	FINAL	HE UNDER CONTROL	GM UNDER CONTROL

01016 J (Rev. 10-10-03) 2807A (10) 2807A (10) 11/17/2003 08:15:03

ARMY						
EPA REGION	STATE	FACILITY NAME	NPL STATUS	HUMAN EXPOSURE	GROUNDWATER MIGRATION	
03	PA	TOBYHANNA ARMY DEPOT	FINAL	HE CONTROLLED, PROT. REM.	GM UNDER CONTROL	
03	VA	FORT EUSTIS (US ARMY)	FINAL	HE NOT DETERMINED	GM NOT DETERMINED	
03	WV	WEST VIRGINIA ORDNANCE (USARMY)	FINAL	HE UNDER CONTROL	GM UNDER CONTROL	
04	AL	ALABAMA ARMY AMMUNITION PLANT	FINAL	HE UNDER CONTROL	GM UNDER CONTROL	
04	AL	ANNISTON ARMY DEPOT (SOUTHEAST INDUSTRIAL AREA)	FINAL	HE UNDER CONTROL	GM NOT CONTROLLED	
04	AL	USARMY/NASA REDSTONE ARSENAL	FINAL	HE NOT DETERMINED	GM NOT CONTROLLED	
04	TN	MILAN ARMY AMMUNITION PLANT	FINAL	HE UNDER CONTROL	GM NOT DETERMINED	
05	IL	JOLIET ARMY AMMUNITION PLANT (LOAD-ASSEMBLY-PACKING AREA)	FINAL	HE UNDER CONTROL	GM UNDER CONTROL	
05	IL	JOLIET ARMY AMMUNITION PLANT (MANUFACTURING AREA)	FINAL	HE UNDER CONTROL	GM UNDER CONTROL	
05	IL	SAVANNA ARMY DEPOT ACTIVITY	FINAL	HE NOT DETERMINED	GM NOT DETERMINED	
05	MN	NEW BRIGHTON/ARDEN HILLS/TCAAP (USARMY)	FINAL	HE UNDER CONTROL	GM UNDER CONTROL	
06	LA	LOUISIANA ARMY AMMUNITION PLANT	FINAL	LONG TERM PROTECT	GM UNDER CONTROL	
06	TX	LONE STAR ARMY AMMUNITION PLANT	FINAL	LONG TERM PROTECT	GM UNDER CONTROL	

ARMY

EPA REGION	STATE	FACILITY NAME	NPL STATUS	HUMAN EXPOSURE	GROUNDWATER MIGRATION
06	TX	LONGHORN ARMY AMMUNITION PLANT	FINAL	HE NOT DETERMINED	GM NOT DETERMINED
07	IA	IOWA ARMY AMMUNITION PLANT	FINAL	HE UNDER CONTROL	GM NOT CONTROLLED
07	KS	FORT RILEY	FINAL	HE UNDER CONTROL	GM UNDER CONTROL
07	MO	LAKE CITY ARMY AMMUNITION PLANT (NORTHWEST LAGOON)	FINAL	HE UNDER CONTROL	GM UNDER CONTROL
07	MO	WELDON SPRING FORMER ARMY ORDNANCE WORKS	FINAL	HE UNDER CONTROL	GM UNDER CONTROL
07	NE	CORNHUSKER ARMY AMMUNITION PLANT	FINAL	HE UNDER CONTROL	GM UNDER CONTROL
08	CO	ROCKY MOUNTAIN ARSENAL (USARMY)	FINAL	HE UNDER CONTROL	GM UNDER CONTROL
08	UT	TOOELE ARMY DEPOT (NORTH AREA)	FINAL	HE UNDER CONTROL	GM NOT CONTROLLED
09	CA	FORT ORD	FINAL	HE NOT CONTROLLED	GM NOT CONTROLLED
09	CA	RIVERBANK ARMY AMMUNITION PLANT	FINAL	HE UNDER CONTROL	GM UNDER CONTROL
09	CA	SACRAMENTO ARMY DEPOT	FINAL	HE UNDER CONTROL	GM UNDER CONTROL

ARMY

EPA REGION	STATE	FACILITY NAME	NPL STATUS	HUMAN EXPOSURE	GROUNDWATER MIGRATION
09	HI	SCHOFIELD BARRACKS (USARMY)	DELETED	LONG TERM PROTECT	GM UNDER CONTROL
10	AK	FORT RICHARDSON (USARMY)	FINAL	HE CONTROLLED, PROT. REM.	GM UNDER CONTROL
10	AK	FORT WAINWRIGHT	FINAL	HE UNDER CONTROL	GM NOT DETERMINED
10	OR	UMATILLA ARMY DEPOT (LAGOONS)	FINAL	HE UNDER CONTROL	GM UNDER CONTROL
10	WA	FORT LEWIS (LANDFILL NO. 5)	DELETED	LONG TERM PROTECT	NOT A GM SITE
10	WA	FORT LEWIS LOGISTICS CENTER	FINAL	HE UNDER CONTROL	GM UNDER CONTROL
10	WA	HAMILTON ISLAND LANDFILL (USA/COE)	DELETED	LONG TERM PROTECT	NOT A GM SITE