



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

OCT 24 2014

THE ADMINISTRATOR

The Honorable Joseph Biden
President of the Senate
United States Senate
Washington, D.C. 20510

Dear Mr. President:

I am pleased to submit the enclosed report entitled, "FY 2013 Superfund Five-Year Review Report to Congress," in accordance with the requirements of Section 121(c) of the Comprehensive Environmental Response, Compensation and Liability Act.

If you have questions please contact me, or your staff may contact Nichole Distefano, Deputy Associate Administrator for Congressional Affairs at Distefano.Nichole@epa.gov or (202) 564-1110.

Sincerely,

A handwritten signature in black ink, appearing to read "Gina McCarthy".

Gina McCarthy

Enclosure

**FY 2013 REPORT TO CONGRESS
SUPERFUND FIVE-YEAR REVIEWS**

PURPOSE:

The U.S. Environmental Protection Agency (EPA) is responsible for reviewing Superfund remedial actions at least every five years where hazardous substances, pollutants, or contaminants will remain on site above levels that allow for unlimited use and unrestricted exposure. EPA is also responsible for preparing a report to Congress on these reviews.

BACKGROUND:

Section 121(c) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, states:

“If the President selects a remedial action that results in any hazardous substances, pollutants, or contaminants remaining at the site, the President shall review such remedial action no less often than each 5 years after the initiation of such remedial action to assure that human health and the environment are being protected by the remedial action being implemented. In addition, if upon such review it is the judgment of the President that action is appropriate at such site in accordance with section 9604 or 9606 of the Title, the President shall take or require such action.”

CERCLA also requires that EPA report to Congress information regarding these sites for which the reviews are required. This report provides a list of sites, information about sites where additional work is required, and contacts for additional information.

FINDINGS:

The attached table presents a list of statutory, policy and discretionary¹ five-year reviews that were conducted for non-Federal sites and Federal National Priorities List (NPL) sites, including the following:

¹ Statutory reviews are carried out if both of the following conditions are true: 1) Upon completion of the remedial action, hazardous substances, pollutants, or contaminants will remain on site; and 2) The Record of Decision (ROD) for the site was signed on or after October 17, 1986 (effective date of the Superfund Amendments and Reauthorization Act – SARA) and the remedial action was selected under CERCLA §121. Policy reviews are carried out for the following types of actions: 1) a pre- or post-SARA remedial action that, upon completion, will not leave hazardous substances, pollutants, or contaminants on site above levels that allow for unlimited use and unrestricted exposure, but requires five years or more to complete; 2) a pre-SARA remedial action that leaves hazardous substances, pollutants, or contaminants on site above levels that allow for unlimited use and unrestricted exposures; or 3) a removal-only site on the NPL where a removal action leaves hazardous substances, pollutants, or contaminants on site above levels that allow for unlimited use and unrestricted exposure and where no remedial action has or will take place. Regions may also carry out a discretionary review which is not required by the statute but may be completed at the Region’s discretion to help ensure the protectiveness of the remedy.

- Non-Federal facility reviews due in FY 2013, currently completed;
- Federal facility reviews due in FY 2013, currently completed;
- Non-Federal and Federal facility reviews due in prior or later fiscal years, completed in FY 2013; and
- Non-Federal facility reviews due in FY 2013 or prior fiscal years, pending completion.

For non-Federal sites, a total of 213 sites required five-year reviews in FY 2013. All but three of the reviews due in FY 2013 are complete. Another four reviews due in prior or later fiscal years were also completed in FY 2013, bringing the total number of non-Federal site five-year reviews completed to 214.

For Federal sites, a total of 30 sites required five-year reviews in FY 2013.² Four of the 30 reviews were completed in previous fiscal years but were due in FY 2013. Those reviews are being counted as completed in FY 2013. One additional review due in a later fiscal year also was completed in FY 2013, bringing the total number of Federal NPL site five-year reviews completed to 31.

In all, the total number of five-year reviews completed for both non-Federal and Federal NPL sites was 245. Based on the reviews, EPA has determined that 3 sites (or portions of the sites) were “not protective” and deferred the protectiveness determination at 35 sites.

Recommendations to do additional work or study for each of these sites are tracked in the CERCLIS³ database and, semi-annually, EPA headquarters monitors the progress in implementing these recommendations to resolve protectiveness-related issues at all sites.

For non-Federal and Federal sites, no reviews due in prior fiscal years are pending.

Summary copies of all five-year reviews, including those contained in this report, can be accessed publicly via the national Superfund web page (<http://cumulis.epa.gov/fiveyear/>). These reports contain detailed information regarding the effectiveness of the site remedy and assess whether human and/or ecological exposures are occurring. The information in these reports includes the protectiveness determinations that are ultimately selected and are reported in the associated table for each site. For additional information on any of the five-year reviews identified in this report, please contact the Office of Superfund Remediation and Technology Innovation at (703) 603-8960, or the Superfund Call Center at (703) 412-9810 or (800) 424-9346.

² For the US Army/NASA Redstone Arsenal site, the Army did not submit a draft five-year review report for EPA’s review and concurrence. EPA notified the Army that the five-year review was due in FY 2013 based on the statutory requirement of CERCLA 121(c). In July 2013, the Army submitted a document entitled “Periodic Review Report” but it did not evaluate all of the selected remedies where waste was left in place. In order to meet the statutory deadline in CERCLA 121(c), EPA made an independent assessment on the protectiveness of the remedy and made a “protectiveness deferred” finding. EPA will continue to work with the Army to obtain the information so the Army may make its own protectiveness determination.

³ In early FY 2014, the Superfund program transitioned its data from the CERCLIS database to the Superfund Enterprise Management System (SEMS). Hereafter, references to CERCLIS will be replaced by SEMS.

FY 2013 Superfund Five-Year Review Report to Congress

Non-Federal Facility Reviews Due in FY 2013, Currently Completed

Region	Site Name	State	FYR Type	Fiscal Year Due	Date Completed	Protectiveness Determination ¹
01	BARKHAMSTED-NEW HARTFORD LANDFILL	CT	Statutory	2013	09/30/2013	Short-Term Protective
01	BEACON HEIGHTS LANDFILL	CT	Statutory	2013	09/26/2013	Short-Term Protective
01	CENTRAL LANDFILL	RI	Statutory	2013	09/25/2013	Short-Term Protective
01	IRON HORSE PARK	MA	Statutory	2013	09/25/2013	Will be Protective
01	KEARSARGE METALLURGICAL CORP.	NH	Policy	2013	09/05/2013	Short-Term Protective
01	KEEFE ENVIRONMENTAL SERVICES (KES)	NH	Policy	2013	09/09/2013	Short-Term Protective
01	LAUREL PARK, INC.	CT	Statutory	2013	09/25/2013	Short-Term Protective
01	MCKIN CO.	ME	Statutory	2013	09/30/2013	Short-Term Protective
01	MOTTOLO PIG FARM	NH	Policy	2013	08/12/2013	Short-Term Protective
01	OLD SPRINGFIELD LANDFILL	VT	Statutory	2013	08/01/2013	Protectiveness Deferred
01	PICILLO FARM	RI	Policy	2013	07/30/2013	Short-Term Protective
01	PLYMOUTH HARBOR/CANNON ENGINEERING CORP.	MA	Policy	2013	07/03/2013	Short-Term Protective
01	RE-SOLVE, INC.	MA	Statutory	2013	09/27/2013	Protective
01	SOUTH MUNICIPAL WATER SUPPLY WELL	NH	Statutory	2013	09/30/2013	Protectiveness Deferred
01	SULLIVAN'S LEDGE	MA	Statutory	2013	09/20/2013	Short-Term Protective
01	TIBBETTS ROAD	NH	Policy	2013	08/20/2013	Short-Term Protective
01	WEST SITE/HOWS CORNERS	ME	Statutory	2013	09/30/2013	Short-Term Protective
01	WESTERN SAND & GRAVEL	RI	Policy	2013	09/26/2013	Protective
01	YAWORSKI WASTE LAGOON	CT	Statutory	2013	09/03/2013	Short-Term Protective
02	A. O. POLYMER	NJ	Policy	2013	11/18/2013	Protective
02	AMERICAN THERMOSTAT CO.	NY	Policy	2013	12/05/2013	Short-Term Protective
02	CIBA-GEIGY CORP.	NJ	Statutory	2013	05/01/2013	Short-Term Protective
02	CLAREMONT POLYCHEMICAL	NY	Statutory	2013	03/04/2014	Protective
02	CLOTHIER DISPOSAL	NY	Statutory	2013	03/12/2013	Protective
02	CONKLIN DUMPS	NY	Statutory	2013	01/30/2013	Short-Term Protective
02	GCL TIE AND TREATING INC.	NY	Statutory	2013	09/30/2013	Short-Term Protective
02	GE MOREAU	NY	Statutory	2013	09/30/2013	Short-Term Protective
02	GOLDISC RECORDINGS, INC.	NY	Statutory	2013	09/27/2013	Protective

Region	Site Name	State	FYR Type	Fiscal Year Due	Date Completed	Protectiveness Determination ¹
02	GOOSE FARM	NJ	Policy	2013	09/27/2013	Protective
02	HIGGINS FARM	NJ	Policy	2013	02/13/2014	Short-Term Protective
02	HITEMAN LEATHER	NY	Statutory	2013	04/30/2013	Protective
02	ISLIP MUNICIPAL SANITARY LANDFILL	NY	Statutory	2013	09/30/2013	Short-Term Protective
02	LOVE CANAL	NY	Policy	2013	01/15/2014	Protective
02	MARATHON BATTERY CORP.	NY	Statutory	2013	06/25/2013	Short-Term Protective
02	MOHONK ROAD INDUSTRIAL PLANT	NY	Policy	2013	03/25/2014	Protective
02	MYERS PROPERTY	NJ	Statutory	2013	09/27/2013	Short-Term Protective
02	NASCOLITE CORP.	NJ	Policy	2013	03/19/2014	Short-Term Protective
02	NL INDUSTRIES	NJ	Statutory	2013	09/30/2013	Will be Protective
02	NORTH SEA MUNICIPAL LANDFILL	NY	Statutory	2013	09/30/2013	Short-Term Protective
02	PETER COOPER CORPORATION (MARKHAMS)	NY	Statutory	2013	09/24/2013	Protective
02	PJP LANDFILL	NJ	Statutory	2013	09/30/2013	Will be Protective
02	REICH FARMS	NJ	Policy	2013	09/30/2013	Protective
02	ROSEN BROTHERS SCRAP YARD/DUMP	NY	Statutory	2013	09/30/2013	Protectiveness Deferred
02	ROWE INDUSTRIES GROUND WATER CONTAMINATION	NY	Policy	2013	02/19/2013	Protective
02	SCIENTIFIC CHEMICAL PROCESSING	NJ	Statutory	2013	02/28/2013	Protective
02	SEALAND RESTORATION, INC.	NY	Statutory	2013	09/27/2013	Protective
02	UPJOHN FACILITY	PR	Policy	2013	09/26/2013	Protective
02	VESTAL WATER SUPPLY WELL 1-1	NY	Policy	2013	09/26/2013	Short-Term Protective
02	WALDICK AEROSPACE DEVICES, INC.	NJ	Policy	2013	09/27/2013	Short-Term Protective
03	AVTEX FIBERS, INC.	VA	Statutory	2013	03/26/2013	Will be Protective
03	BELL LANDFILL	PA	Statutory	2013	08/23/2013	Protective
03	BLOSENSKI LANDFILL	PA	Policy	2013	09/25/2013	Protectiveness Deferred
03	BUCKINGHAM COUNTY LANDFILL	VA	Statutory	2013	08/26/2013	Short-Term Protective
03	C & R BATTERY CO., INC.	VA	Statutory	2013	09/30/2013	Short-Term Protective
03	CHEM-SOLV, INC.	DE	Policy	2013	07/30/2013	Short-Term Protective
03	CRYOCHEM, INC.	PA	Policy	2013	09/25/2013	Protective
03	DORNEY ROAD LANDFILL	PA	Statutory	2013	05/29/2013	Protective
03	DRAKE CHEMICAL	PA	Policy	2013	09/10/2013	Short-Term Protective
03	EASTERN DIVERSIFIED METALS	PA	Statutory	2013	02/11/2013	Protective

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03	ELIZABETHTOWN LANDFILL	PA	Statutory	2013	06/19/2013	Short-Term Protective
03	FOOTE MINERAL CO.	PA	Statutory	2011	9/30/2014	Protectiveness Deferred
03	GREENWOOD CHEMICAL CO.	VA	Statutory	2013	09/09/2013	Short-Term Protective
03	HARVEY & KNOTT DRUM, INC.	DE	Statutory	2013	09/25/2013	Protective
03	INDUSTRIAL LANE	PA	Statutory	2013	09/25/2013	Protectiveness Deferred
03	LINDANE DUMP	PA	Statutory	2013	09/19/2013	Protective
03	METAL BANKS	PA	Statutory	2013	08/29/2013	Short-Term Protective
03	MID-ATLANTIC WOOD PRESERVERS, INC.	MD	Statutory	2013	09/12/2013	Protective
03	NORTH PENN - AREA 1	PA	Policy	2013	09/30/2013	Protective
03	OCCIDENTAL CHEMICAL CORP./FIRESTONE TIRE & RUBBER CO.	PA	Policy	2013	08/15/2013	Will be Protective
03	OHIO RIVER PARK	PA	Statutory	2013	03/27/2013	Short-Term Protective
03	RENTOKIL, INC. (VIRGINIA WOOD PRESERVING DIVISION)	VA	Statutory	2013	07/02/2013	Protective
03	RODALE MANUFACTURING CO., INC.	PA	Statutory	2013	09/30/2013	Short-Term Protective
03	SHRIVER'S CORNER	PA	Policy	2013	08/22/2013	Short-Term Protective
03	TAYLOR BOROUGH DUMP	PA	Policy	2013	06/24/2013	Protective
03	TONOLLI CORP.	PA	Statutory	2013	06/10/2013	Short-Term Protective
04	A.L. TAYLOR (VALLEY OF DRUMS)	KY	Statutory	2013	09/26/2013	Short-Term Protective
04	ABC ONE HOUR CLEANERS	NC	Policy	2013	08/26/2013	Protectiveness Deferred
04	ABERDEEN PESTICIDE DUMPS	NC	Policy	2013	09/25/2013	Short-Term Protective
04	ALARIC AREA GW PLUME	FL	Statutory	2013	07/31/2013	Protectiveness Deferred
04	ALPHA CHEMICAL CORP.	FL	Statutory	2013	09/11/2013	Protective
04	BEAUNIT CORP. (CIRCULAR KNIT & DYEING PLANT)	SC	Statutory	2013	09/25/2013	Short-Term Protective
04	BENFIELD INDUSTRIES, INC.	NC	Statutory	2013	09/13/2013	Short-Term Protective
04	BEULAH LANDFILL	FL	Statutory	2013	09/20/2013	Protective
04	CAROLAWN, INC.	SC	Statutory	2013	09/26/2013	Short-Term Protective
04	CHEVRON CHEMICAL CO. (ORTHO DIVISION)	FL	Statutory	2013	09/11/2013	Short-Term Protective
04	DISTLER BRICKYARD	KY	Policy	2013	09/20/2013	Short-Term Protective
04	DISTLER FARM	KY	Policy	2013	09/20/2013	Short-Term Protective
04	ELMORE WASTE DISPOSAL	SC	Policy	2013	09/23/2013	Short-Term Protective

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04	GEIGY CHEMICAL CORP. (ABERDEEN PLANT)	NC	Policy	2013	09/17/2013	Short-Term Protective
04	GURLEY PESTICIDE BURIAL	NC	Statutory	2013	02/22/2013	Short-Term Protective
04	KALAMA SPECIALTY CHEMICALS	SC	Policy	2013	06/25/2013	Short-Term Protective
04	KOPPERS CO., INC. (CHARLESTON PLANT)	SC	Statutory	2013	07/22/2013	Protectiveness Deferred
04	LEE'S LANE LANDFILL	KY	Statutory	2013	09/25/2013	Protectiveness Deferred
04	MALLORY CAPACITOR CO.	TN	Statutory	2013	07/02/2013	Short-Term Protective
04	MIAMI DRUM SERVICES	FL	Policy	2013	07/31/2013	Short-Term Protective
04	MOWBRAY ENGINEERING CO.	AL	Policy	2013	09/20/2013	Protective
04	NATIONAL ELECTRIC COIL CO./COOPER INDUSTRIES	KY	Policy	2013	09/26/2013	Short-Term Protective
04	NORTH CAROLINA STATE UNIVERSITY (LOT 86, FARM UNIT #1)	NC	Statutory	2013	09/20/2013	Short-Term Protective
04	POWERSVILLE SITE	GA	Statutory	2013	08/26/2013	Short-Term Protective
04	SCRDI BLUFF ROAD	SC	Policy	2013	09/25/2013	Short-Term Protective
04	T.H. AGRICULTURE & NUTRITION CO. (ALBANY PLANT)	GA	Statutory	2013	09/30/2013	Short-Term Protective
04	TAYLOR ROAD LANDFILL	FL	Statutory	2013	09/20/2013	Protective
04	TOWER CHEMICAL CO.	FL	Policy	2013	04/18/2013	Will be Protective
04	TRI-CITY DISPOSAL CO.	KY	Statutory	2013	04/30/2013	Short-Term Protective
05	ADAMS COUNTY QUINCY LANDFILLS 2&3	IL	Statutory	2013	03/01/2013	Protective
05	AIRCRAFT COMPONENTS (D & L SALES)	MI	Statutory	2013	04/10/2013	Short-Term Protective
05	ALLIED PAPER, INC./PORTAGE CREEK/KALAMAZOO RIVER	MI	Statutory	2013	10/18/2012	Will be Protective
05	BELOIT CORP.	IL	Policy	2013	09/27/2013	Protectiveness Deferred
05	BOFORS NOBEL, INC.	MI	Statutory	2013	08/02/2013	Short-Term Protective
05	BURROWS SANITATION	MI	Policy	2013	02/08/2013	Protective
05	BYRON SALVAGE YARD	IL	Statutory	2013	07/29/2013	Protective
05	DIXIE AUTO SALVAGE	IL	Discretionary	2013	02/19/2013	Protective
05	DUPAGE COUNTY LANDFILL/BLACKWELL FOREST PRESERVE	IL	Statutory	2013	05/06/2013	Protective
05	ENVIROCHEM CORP.	IN	Statutory	2013	03/14/2013	Will be Protective
05	FADROWSKI DRUM DISPOSAL	WI	Statutory	2013	05/20/2013	Protective

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05	JOHNS-MANVILLE CORP.	IL	Statutory	2013	04/30/2013	Will be Protective
05	KUMMER SANITARY LANDFILL	MN	Statutory	2013	03/11/2013	Short-Term Protective
05	LAGRAND SANITARY LANDFILL	MN	Statutory	2013	08/14/2013	Protective
05	LIQUID DISPOSAL, INC.	MI	Statutory	2013	09/23/2013	Short-Term Protective
05	MADISON METROPOLITAN SEWERAGE DISTRICT LAGOONS	WI	Statutory	2013	03/22/2013	Short-Term Protective
05	MUSKEGON CHEMICAL CO.	MI	Policy	2013	04/03/2013	Short-Term Protective
05	NEW LYME LANDFILL	OH	Statutory	2013	03/01/2013	Short-Term Protective
05	ONALASKA MUNICIPAL LANDFILL	WI	Statutory	2013	04/05/2013	Not Protective
05	OTTAWA TOWNSHIP FLAT GLASS SITE	IL	Statutory	2013	09/24/2013	Short-Term Protective
05	POWELL ROAD LANDFILL	OH	Statutory	2013	06/12/2013	Protective
05	REPUBLIC STEEL CORP. QUARRY	OH	Statutory	2013	03/22/2013	Protective
05	RITARI POST & POLE	MN	Statutory	2013	08/15/2013	Short-Term Protective
05	SAUGET AREA 2	IL	Statutory	2013	06/26/2013	Will be Protective
05	SCHMALZ DUMP	WI	Statutory	2013	08/12/2013	Short-Term Protective
05	SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION	IL	Statutory	2013	05/13/2013	Protectiveness Deferred
05	STOUGHTON CITY LANDFILL	WI	Statutory	2013	04/15/2013	Short-Term Protective
05	SUMMIT EQUIPMENT & SUPPLIES INCORPORATION	OH	Statutory	2013	07/31/2013	Short-Term Protective
05	SUMMIT NATIONAL	OH	Statutory	2013	07/16/2013	Protective
05	TORCH LAKE	MI	Statutory	2013	03/27/2013	Short-Term Protective
05	VELSICOL CHEMICAL CORP. (MARSHALL PLANT)	IL	Statutory	2013	09/09/2013	Protective
05	WASTE DISPOSAL ENGINEERING	MN	Statutory	2013	04/26/2013	Protective
06	AGRICULTURE STREET LANDFILL	LA	Policy	2013	09/28/2013	Short-Term Protective
06	AT & SF (CLOVIS)	NM	Statutory	2013	09/18/2013	Short-Term Protective
06	AT&SF (ALBUQUERQUE)	NM	Statutory	2013	09/06/2013	Protective
06	BAYOU SORREL	LA	Statutory	2013	08/13/2013	Protective
06	BLACKWELL ZINC	OK	Statutory	2013	05/03/2013	Protectiveness Deferred
06	BRIO REFINING, INC.	TX	Statutory	2013	09/18/2013	Short-Term Protective
06	CIMARRON MINING CORP.	NM	Statutory	2013	09/18/2013	Protective
06	CITY OF PERRYTON WELL NO. 2	TX	Policy	2013	04/23/2013	Short-Term Protective

Region	Site Name	State	FYR Type	Fiscal Year Due	Date Completed	Protectiveness Determination ¹
06	CLEVE REBER	LA	Statutory	2013	09/23/2013	Protective
06	CONROE CREOSOTING CO.	TX	Policy	2013	09/27/2013	Protective
06	D.L. MUD, INC.	LA	Statutory	2013	08/23/2013	Short-Term Protective
06	DELATTE METALS	LA	Statutory	2013	11/19/2012	Protective
06	DIXIE OIL PROCESSORS, INC.	TX	Statutory	2013	09/20/2013	Short-Term Protective
06	GENEVA INDUSTRIES/FUHRMANN ENERGY	TX	Policy	2013	09/26/2013	Short-Term Protective
06	GRANTS CHLORINATED SOLVENTS	NM	Statutory	2013	09/26/2013	Will be Protective
06	GULF COAST VACUUM SERVICES	LA	Statutory	2013	09/03/2013	Short-Term Protective
06	HART CREOSOTING COMPANY	TX	Statutory	2013	08/16/2013	Short-Term Protective
06	HIGHWAY 71/72 REFINERY	LA	Statutory	2013	05/03/2013	Short-Term Protective
06	IMPERIAL REFINING COMPANY	OK	Statutory	2013	02/20/2013	Protective
06	JASPER CREOSOTING COMPANY INC.	TX	Statutory	2013	09/06/2013	Short-Term Protective
06	NORTH CAVALCADE STREET	TX	Statutory	2013	09/27/2013	Short-Term Protective
06	SPRAGUE ROAD GROUND WATER PLUME	TX	Policy	2013	09/25/2013	Short-Term Protective
06	UNITED NUCLEAR CORP.	NM	Statutory	2013	03/27/2013	Will be Protective
07	ACE SERVICES	KS	Policy	2013	09/20/2013	Short-Term Protective
07	CLEBURN STREET WELL	NE	Policy	2013	08/21/2013	Protectiveness Deferred
07	DES MOINES TCE	IA	Statutory	2013	04/09/2013	Protectiveness Deferred
07	JOHN DEERE (DUBUQUE WORKS)	IA	Statutory	2013	07/31/2013	Protectiveness Deferred
07	JOHN DEERE (OTTUMWA WORKS LANDFILLS)	IA	Statutory	2013	04/03/2013	Protectiveness Deferred
07	LINDSAY MANUFACTURING CO.	NE	Statutory	2013	08/22/2013	Short-Term Protective
07	MASON CITY COAL GASIFICATION PLANT	IA	Statutory	2013	04/09/2013	Protective
07	MID-AMERICA TANNING CO.	IA	Statutory	2013	09/10/2013	Protective
07	SHERWOOD MEDICAL CO.	NE	Policy	2013	09/24/2013	Short-Term Protective
07	VALLEY PARK TCE	MO	Policy	2013	09/17/2013	Protectiveness Deferred
07	WATERLOO COAL GASIFICATION PLANT	IA	Statutory	2013	08/29/2013	Protectiveness Deferred
07	WRIGHT GROUND WATER CONTAMINATION	KS	Policy	2013	08/05/2013	Protectiveness Deferred
08	ARSENIC TRIOXIDE SITE	ND	Policy	2013	09/30/2013	Short-Term Protective
08	BASIN MINING AREA	MT	Statutory	2013	06/27/2013	Short-Term Protective
08	BOUNTIFUL/WOODS CROSS 5TH S. PCE PLUME	UT	Statutory	2013	09/27/2013	Short-Term Protective
08	DENVER RADIUM SITE	CO	Statutory	2013	09/24/2013	Short-Term Protective

Region	Site Name	State	FYR Type	Fiscal Year Due	Date Completed	Protectiveness Determination ¹
08	EAGLE MINE	CO	Statutory	2013	09/27/2013	Short-Term Protective
08	EUREKA MILLS	UT	Statutory	2013	09/24/2013	Short-Term Protective
08	INTERMOUNTAIN WASTE OIL REFINERY	UT	Statutory	2013	09/12/2013	Protective
08	KENNECOTT (NORTH ZONE)	UT	Discretionary	2013	06/17/2014	Not Protective
08	MOUAT INDUSTRIES	MT	Policy	2013	04/15/2013	Short-Term Protective
08	RICHARDSON FLAT TAILINGS	UT	Statutory	2013	03/14/2013	Short-Term Protective
09	BECKMAN INSTRUMENTS (PORTERVILLE PLANT)	CA	Policy	2013	09/20/2013	Short-Term Protective
09	CARSON RIVER MERCURY SITE	NV	Statutory	2013	09/27/2013	Short-Term Protective
09	IRON MOUNTAIN MINE	CA	Statutory	2013	09/26/2013	Short-Term Protective
09	KOPPERS CO., INC. (OROVILLE PLANT)	CA	Statutory	2013	08/28/2013	Protective
09	MCCORMICK & BAXTER CREOSOTING CO.	CA	Statutory	2013	09/26/2013	Protective
09	MGM BRAKES	CA	Policy	2013	09/26/2013	Protective
09	MODESTO GROUND WATER CONTAMINATION	CA	Statutory	2013	09/30/2013	Short-Term Protective
09	NATIONAL SEMICONDUCTOR CORP.	CA	Policy	2013	09/30/2013	Protectiveness Deferred
09	NEWMARK GROUND WATER CONTAMINATION	CA	Statutory	2013	09/27/2013	Protective
09	SAN FERNANDO VALLEY (AREA 1)	CA	Statutory	2013	09/30/2013	Short-Term Protective
09	SAN FERNANDO VALLEY (AREA 2)	CA	Statutory	2013	09/30/2013	Protectiveness Deferred
09	SAN GABRIEL VALLEY (AREA 1)	CA	Policy	2013	09/11/2013	Protectiveness Deferred
09	T.H. AGRICULTURE & NUTRITION CO.	CA	Statutory	2013	09/26/2013	Protective
09	WESTERN PACIFIC RAILROAD CO.	CA	Statutory	2013	09/19/2013	Short-Term Protective
10	ALLIED PLATING, INC.	OR	Statutory	2013	09/17/2013	Protective
10	BLACKBIRD MINE	ID	Statutory	2013	08/23/2013	Will be Protective
10	BOOMSNUB/AIRCO	WA	Statutory	2013	09/13/2013	Will be Protective
10	COMMENCEMENT BAY, SOUTH TACOMA CHANNEL	WA	Statutory	2013	09/10/2013	Short-Term Protective
10	FMC CORP. (YAKIMA)	WA	Statutory	2013	09/18/2013	Protective
10	FRONTIER HARD CHROME, INC.	WA	Statutory	2013	01/29/2013	Protective
10	JOSEPH FOREST PRODUCTS	OR	Statutory	2013	09/30/2014	Short-Term Protective
10	MONSANTO CHEMICAL CO. (SODA SPRINGS PLANT)	ID	Statutory	2013	09/10/2013	Not Protective
10	PALERMO WELL FIELD GROUND WATER CONTAMINATION	WA	Statutory	2013	09/30/2013	Protectiveness Deferred
10	QUEEN CITY FARMS	WA	Statutory	2013	09/26/2013	Short-Term Protective

Region	Site Name	State	FYR Type	Fiscal Year Due	Date Completed	Protectiveness Determination ¹
10	REYNOLDS METALS COMPANY	OR	Statutory	2013	09/25/2013	Short-Term Protective
10	TELEDYNE WAH CHANG	OR	Statutory	2013	01/07/2013	Protectiveness Deferred
10	TULALIP LANDFILL	WA	Statutory	2013	04/24/2013	Protective
10	VANCOUVER WATER STATION #1 CONTAMINATION	WA	Policy	2013	09/11/2013	Protective
10	VANCOUVER WATER STATION #4 CONTAMINATION	WA	Policy	2013	09/11/2013	Protective
10	WESTERN PROCESSING CO., INC.	WA	Statutory	2013	09/27/2013	Protectiveness Deferred

Federal Facility Reviews Due in FY 2013, Currently Completed

Region	Site Name	State	FYR Type	Fiscal Year Due	Date Completed	Protectiveness Determination ¹
01	DAVISVILLE NAVAL CONSTRUCTION BATTALION CENTER	RI	Statutory	2013	03/28/2013	Protective
01	OTIS AIR NATIONAL GUARD BASE/CAMP EDWARDS	MA	Statutory	2013	09/30/2013	Short-Term Protective
02	NAVAL WEAPONS STATION EARLE (SITE A)	NJ	Statutory	2013	03/27/2013	Will be Protective
03	ALLEGANY BALLISTICS LABORATORY (USNAVY)	WV	Statutory	2013	09/19/2013	Protectiveness Deferred
03	BRANDYWINE DRMO	MD	Statutory	2013	05/17/2011	Protective
03	DEFENSE GENERAL SUPPLY CENTER (DLA)	VA	Statutory	2013	08/29/2013	Protectiveness Deferred
03	FORT EUSTIS (US ARMY)	VA	Statutory	2013	09/27/2013	Protective
03	LETTERKENNY ARMY DEPOT (SE AREA)	PA	Statutory	2013	09/24/2012	Protective
03	MARINE CORPS COMBAT DEVELOPMENT COMMAND	VA	Statutory	2013	06/05/2013	Will be Protective
03	NAVAL WEAPONS STATION - YORKTOWN	VA	Statutory	2013	02/28/2013	Short-Term Protective
03	WILLOW GROVE NAVAL AIR AND AIR RESERVE STATION	PA	Statutory	2013	09/27/2013	Short-Term Protective
04	ALABAMA ARMY AMMUNITION PLANT	AL	Statutory	2013	09/05/2013	Short-Term Protective
04	CHERRY POINT MARINE CORPS AIR STATION	NC	Statutory	2013	05/16/2013	Short-Term Protective
04	MEMPHIS DEFENSE DEPOT (DLA)	TN	Statutory	2013	01/23/2013	Will be Protective
04	PENSACOLA NAVAL AIR STATION	FL	Statutory	2013	09/26/2013	Protectiveness Deferred
04	USARMY/NASA REDSTONE ARSENAL	AL	Statutory	2013	09/30/2013	Protectiveness Deferred
05	TWIN CITIES AIR FORCE RESERVE BASE (SMALL ARMS RANGE LANDFILL)	MN	Statutory	2013	04/25/2013	Protective
08	ROCKY MOUNTAIN ARSENAL (USARMY)	CO	Statutory	2013	09/30/2011	Will be Protective
08	TOOELE ARMY DEPOT (NORTH AREA)	UT	Statutory	2013	04/04/2013	Short-Term Protective

Region	Site Name	State	FYR Type	Fiscal Year Due	Date Completed	Protectiveness Determination ¹
09	BARSTOW MARINE CORPS LOGISTICS BASE	CA	Statutory	2013	02/20/2013	Protective
09	EDWARDS AIR FORCE BASE [OU 4]	CA	Statutory	2013	09/28/2012	Protective
09	EDWARDS AIR FORCE BASE [OU 11]	CA	Statutory	2013	09/27/2013	Protective
09	LAWRENCE LIVERMORE NATL LAB (SITE 300) (USDOE) [OUs 3 & 8]	CA	Statutory	2013	09/10/2013	Will be Protective
09	LAWRENCE LIVERMORE NATL LAB (SITE 300) (USDOE) [OU 4]	CA	Statutory	2013	07/23/2013	Will be Protective
09	TRAVIS AIR FORCE BASE	CA	Statutory	2013	09/27/2013	Short-Term Protective
10	EIELSON AIR FORCE BASE	AK	Statutory	2013	09/30/2013	Protectiveness Deferred
10	FAIRCHILD AIR FORCE BASE (4 WASTE AREAS)	WA	Statutory	2013	09/18/2013	Short-Term Protective
10	FORT RICHARDSON (USARMY)	AK	Statutory	2013	02/22/2013	Protectiveness Deferred
10	PUGET SOUND NAVAL SHIPYARD COMPLEX	WA	Statutory	2013	10/19/2012	Protectiveness Deferred
10	STANDARD STEEL & METAL SALVAGE YARD (USDOT)	AK	Statutory	2013	04/11/2013	Protective

Non-Federal and Federal Facility Reviews Due in Prior or Later Fiscal Years, Completed in FY 2013

Region	Site Name	State	FYR Type	Fiscal Year Due	Date Completed	Protectiveness Determination ¹
04	BRANTLEY LANDFILL	KY	Statutory	2012	02/26/2013	Protective
06	PANTEX PLANT (USDOE)*	TX	Statutory	2014	09/27/2013	Short-Term Protective
07	MADISON COUNTY MINES	MO	Statutory	2014	09/24/2013	Will be Protective
09	TUCSON INTERNATIONAL AIRPORT AREA	AZ	Statutory	2010	09/30/2013	Protectiveness Deferred
10	MARTIN-MARIETTA ALUMINUM CO.	OR	Statutory	2010	05/15/2013	Protectiveness Deferred

* Denotes a Federal facility site where not expressly indicated

Non-Federal Facility Reviews Due in Current or Prior Fiscal Years, Pending Completion

Region	Site Name	State	FYR Type	Fiscal Year Due
03	FISCHER & PORTER CO.	PA	Policy	2013

Region	Site Name	State	FYR Type	Fiscal Year Due
03	RAYMARK	PA	Statutory	2013
08	UPPER TENMILE CREEK MINING AREA	MT	Statutory	2013

1 For all sites that require a five-year review, a separate protectiveness determination is generally made for each portion or operable unit (OU) of the site. The determination that is considered "least protective" is used as the general determination for the review in this report. For example, if one operable unit is protective but another operable unit has protectiveness deferred, the determination for the entire review will be protectiveness deferred.

Protective - The remedy is protective of human health and the environment in the short- and long-term.

Short-Term Protective - The remedy is protective of human health and the environment in the short-term. This statement is generally used when the remedy is currently protective but requires further actions or institutional controls to remain protective in the long-term.

Will Be Protective - The remedy is expected to be protective of human health and the environment upon completion, and in the interim, exposure pathways that could result in unacceptable risks are being controlled. This statement is generally used for remedies that are under construction.

Protectiveness Deferred - The remedy cannot be made until further information is obtained. Generally, reviews that include this determination identify both the actions and timeframe necessary to obtain the information so a protectiveness determination can be made through an addendum to the five-year review report.

Not Protective - The remedy is not protective of human health and/or the environment. For example, a new exposure pathway may be identified or a remedy may not be able to meet a new cleanup level. Generally, reviews that include this determination identify actions that need to be taken to ensure protectiveness.