



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

April 25, 2024

The Honorable Mike Johnson  
Speaker of the House  
U.S. House of Representatives  
Washington, D.C. 20515

THE ADMINISTRATOR

Dear Mr. Speaker:

I am pleased to submit the enclosed report entitled, "FY 2023 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, Tim Del Monaco  
Associate Administrator for Congressional and Intergovernmental Relations at  
[Delmonico.Tim@epa.gov](mailto:Delmonico.Tim@epa.gov) or (202) 564-5200.

Respectfully yours,

A handwritten signature in black ink that reads "Michael S. Regan". The signature is fluid and cursive, with "Michael" on the top line and "S. Regan" on the bottom line.

Michael S. Regan

Enclosure



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

April 25, 2024

The Honorable Kamala Harris  
President of the Senate  
United States Senate  
Washington, D.C. 20510

THE ADMINISTRATOR

Dear Madam President:

I am pleased to submit the enclosed report titled, "FY 2023 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 Tim Del Monico, Associate Administrator for Congressional and Intergovernmental Relations at [DelMonico.Tim@epa.gov](mailto:DelMonico.Tim@epa.gov) or (202) 564-5200.

Respectfully yours,

A handwritten signature in black ink that reads "Michael S. Regan".

Michael S. Regan

Enclosure

## FISCAL YEAR 2023 REPORT TO CONGRESS

### SUPERFUND FIVE-YEAR REVIEWS

#### **PURPOSE:**

Consistent with the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) section 121(c), Executive Order 12580 and the National Oil and Hazardous Substances Pollution Contingency Plan, 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 each fiscal year.

#### **BACKGROUND:**

Section 121(c) of 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 EPA to report to Congress information regarding sites for which the reviews are required. This report fulfills that requirement by providing a site list, information about sites requiring additional work and resources for additional information.

#### **FINDINGS:**

Tables 1 and 2 provide a summary of five-year reviews (FYRs) conducted for non-Federal facility (non-FF) sites and Federal facility (FF) National Priorities List (NPL) sites and respective protectiveness determinations, including the following:

- Non-FF reviews, due in Fiscal Year (FY) 2023, or other fiscal years, completed in FY 2023.
- Non-FF reviews due in FY 2023 or prior fiscal years, pending completion.
- FF reviews due in FY 2023 or other fiscal years, completed in FY 2023.

For non-FF sites, a total of 227 FYRs were due in FY 2023. Of the reviews due in FY 2023, 225 are complete, while two remain pending completion. This brings the total number of non-FF site FYRs completed in FY 2023 to **225** (Table 1).

For FF NPL sites, a total of 30 sites required FYRs in FY 2023. Of the reviews due in FY 2023, all 30 are complete. Another one review due in another fiscal year was also completed in FY 2023, bringing the total number of FF NPL site FYRs completed in FY 2023 is **31** (Table 1).

The total number of FYRs completed for both non-FF and FF NPL sites was **256**. Based on the reviews, EPA has determined that four sites (or portions of the sites) were “not protective” and that 30 sites or portions of sites were “protectiveness deferred” (Table 2)<sup>1</sup>. EPA tracks recommendations to do additional work or study for each of these sites in the Superfund Enterprise Management System (SEMS), and, semiannually, EPA headquarters monitors the progress in implementing these recommendations to resolve protectiveness-related issues at all sites.

**Table 1: FYR Completion Status**

Non-FF and FF FYRs Completed in FY 2023			
FYR Completion Status	Number of FYRs		
	Non-FF	FF	Total
<b>Total FYRs Due in FY 2023</b>	<b>227</b>	<b>30</b>	<b>257</b>
<b>Total FYRs Completed in FY 2023</b>	<b>225</b>	<b>31</b>	<b>256</b>
FYRs Due in FY 2023, Completed in FY 2023	225	30	255
FYRs Due in other FYs, Completed in FY 2023	0	1	1
<b>Total FYRs Pending Completion at the end of FY 2023</b>	<b>2</b>	<b>0</b>	<b>2</b>
FYRs Due in FY 2023, Pending Completion	2	0	2
FYRs Due in other FYs, Pending Completion	0	0	0

**Table 2: FYR Protectiveness Determinations**

Non-FF and FF FYRs Completed in FY 2023			
Protectiveness Determination	Number of FYRs		
	Non-FF	FF	Total
Protective	61	3	64
Short-Term Protective	133	10	143
Will Be Protective	12	3	15
Protectiveness Deferred	16	14	30
Not Protective	3	1	4
<b>Total</b>	<b>225</b>	<b>31</b>	<b>256</b>

Copies of all FYRs, including those contained in this report, can be accessed publicly via the national Superfund web page (<http://www.epa.gov/superfund/search-superfund-five-year-reviews>). These reviews contain detailed information regarding the effectiveness of the site remedy and assessments of whether human and/or ecological exposures are occurring. These reviews include the protectiveness determinations that are ultimately selected. The attachments to this report contain

<sup>1</sup> Explanations of terms are included in Attachment 3.

additional details on the FYRs summarized in this report, including a list of statutory, policy and discretionary<sup>2</sup> FYRs that were conducted for non-FF sites and FF NPL sites.

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<sup>2</sup> As further discussed in EPA's *Comprehensive Five Year Review Guidance* (2001, OSWER 9355.7-03B-P), 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) EPA signed the site's record of decision 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 taken 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 remedy's protectiveness.

**Attachment 1**

**FY 2023 Superfund FYR Report to Congress**  
**FYRs at Non-FF Sites**

<b>Non-FF FYRs Completed in FY 2023</b>						
<b>Region</b>	<b>State</b>	<b>Site Name</b>	<b>FYR Type</b>	<b>Date Completed</b>	<b>Fiscal Year Due</b>	<b>Protectiveness Determination<sup>a</sup></b>
1	CT	BARKHAMSTED-NEW HARTFORD LANDFILL	Statutory	9/14/2023	2023	Short-Term Protective
1	CT	BEACON HEIGHTS LANDFILL	Statutory	9/18/2023	2023	Protective
1	CT	LAUREL PARK, INC.	Statutory	8/28/2023	2023	Short-Term Protective
1	CT	YAWORSKI WASTE LAGOON	Statutory	9/26/2023	2023	Short-Term Protective
1	MA	IRON HORSE PARK	Statutory	9/18/2023	2023	Short-Term Protective
1	MA	PLYMOUTH HARBOR/CANNON ENGINEERING CORP.	Policy	6/27/2023	2023	Protective
1	MA	RE-SOLVE, INC.	Statutory	9/21/2023	2023	Short-Term Protective
1	MA	SHPACK LANDFILL	Statutory	8/21/2023	2023	Short-Term Protective
1	MA	SULLIVAN'S LEDGE	Statutory	9/12/2023	2023	Protectiveness Deferred
1	ME	MCKIN CO.	Statutory	7/18/2023	2023	Protective
1	ME	WEST SITE/HOWS CORNERS	Statutory	9/28/2023	2023	Short-Term Protective
1	NH	FLETCHER'S PAINT WORKS & STORAGE	Statutory	2/22/2023	2023	Short-Term Protective
1	NH	KEARSARGE METALLURGICAL CORP.	Policy	8/28/2023	2023	Will be Protective
1	NH	KEEFE ENVIRONMENTAL SERVICES (KES)	Policy	9/5/2023	2023	Short-Term Protective
1	NH	MOTTOLO PIG FARM	Statutory	8/9/2023	2023	Short-Term Protective
1	NH	SOUTH MUNICIPAL WATER SUPPLY WELL	Statutory	9/13/2023	2023	Short-Term Protective
1	NH	TIBBETTS ROAD	Policy	8/15/2023	2023	Short-Term Protective
1	RI	CENTRAL LANDFILL	Statutory	9/20/2023	2023	Short-Term Protective
1	RI	PICILLO FARM	Statutory	7/25/2023	2023	Short-Term Protective
1	RI	WESTERN SAND & GRAVEL	Policy	9/21/2023	2023	Short-Term Protective
1	VT	COMMERCE STREET PLUME	Discretionary	1/31/2023	2023	Protective
1	VT	OLD SPRINGFIELD LANDFILL	Statutory	7/26/2023	2023	Short-Term Protective
2	NJ	A. O. POLYMER	Policy	2/3/2023	2023	Protective
2	NJ	ATLANTIC RESOURCES	Statutory	10/26/2022	2023	Short-Term Protective
2	NJ	BRIDGEPORT RENTAL & OIL SERVICES	Statutory	7/19/2023	2023	Short-Term Protective
2	NJ	CIBA-GEIGY CORP.	Statutory	2/22/2023	2023	Short-Term Protective
2	NJ	CROWN VANTAGE LANDFILL	Statutory	11/21/2022	2023	Protectiveness Deferred
2	NJ	GOOSE FARM	Policy	7/17/2023	2023	Protective
2	NJ	HIGGINS FARM	Policy	5/23/2023	2023	Short-Term Protective
2	NJ	HORSESHOE ROAD	Statutory	10/26/2022	2023	Short-Term Protective
2	NJ	MYERS PROPERTY	Statutory	1/9/2023	2023	Protective
2	NJ	NL INDUSTRIES	Policy	8/23/2023	2023	Short-Term Protective
2	NJ	PJP LANDFILL	Statutory	9/11/2023	2023	Protectiveness Deferred
2	NJ	REICH FARMS	Policy	3/30/2023	2023	Protective

Region	State	Site Name	FYR Type	Date Completed	Fiscal Year Due	Protectiveness Determination <sup>a</sup>
2	NJ	SCIENTIFIC CHEMICAL PROCESSING	Statutory	11/2/2022	2023	Will be Protective
2	NJ	SHIELDALLOY CORP.	Statutory	7/31/2023	2023	Short-Term Protective
2	NJ	WALDICK AEROSPACE DEVICES, INC.	Policy	7/10/2023	2023	Protective
2	NY	CLOTHIER DISPOSAL	Statutory	11/15/2022	2023	Protective
2	NY	CONKLIN DUMPS	Statutory	4/14/2023	2023	Protective
2	NY	GCL TIE AND TREATING INC.	Statutory	7/28/2023	2023	Will be Protective
2	NY	GE MOREAU	Statutory	4/25/2023	2023	Short-Term Protective
2	NY	GOLDISC RECORDINGS, INC.	Statutory	5/22/2023	2023	Protective
2	NY	HITEMAN LEATHER	Statutory	2/3/2023	2023	Protective
2	NY	ISLIP MUNICIPAL SANITARY LANDFILL	Statutory	9/13/2023	2023	Short-Term Protective
2	NY	MARATHON BATTERY CORP.	Statutory	4/25/2023	2023	Short-Term Protective
2	NY	NEPERA CHEMICAL CO., INC.	Policy	5/22/2023	2023	Protective
2	NY	NORTH SEA MUNICIPAL LANDFILL	Statutory	3/20/2023	2023	Protective
2	NY	PETER COOPER CORPORATION (MARKHAMS)	Statutory	3/31/2023	2023	Protective
2	NY	ROSEN BROTHERS SCRAP YARD/DUMP	Statutory	5/25/2023	2023	Protective
2	NY	ROWE INDUSTRIES GROUND WATER CONTAMINATION	Policy	1/19/2023	2023	Protective
2	NY	SEALAND RESTORATION, INC.	Statutory	2/27/2023	2023	Protective
2	NY	SHENANDOAH ROAD GROUNDWATER CONTAMINATION	Policy	4/25/2023	2023	Protective
2	NY	VESTAL WATER SUPPLY WELL 1-1	Statutory	7/31/2023	2023	Short-Term Protective
2	PR	UPJOHN FACILITY	Statutory	5/24/2023	2023	Protective
3	DE	HARVEY & KNOTT DRUM, INC.	Statutory	9/22/2023	2023	Short-Term Protective
3	MD	MID-ATLANTIC WOOD PRESERVERS, INC.	Statutory	8/29/2023	2023	Short-Term Protective
3	MD	SPECTRON, INC.	Statutory	11/10/2022	2023	Short-Term Protective
3	PA	BELL LANDFILL	Statutory	8/14/2023	2023	Protective
3	PA	BLOSENSKI LANDFILL	Policy	9/18/2023	2023	Short-Term Protective
3	PA	CRYOCHEM, INC.	Policy	8/10/2023	2023	Short-Term Protective
3	PA	DORNEY ROAD LANDFILL	Statutory	5/16/2023	2023	Protective
3	PA	DRAKE CHEMICAL	Policy	8/23/2023	2023	Short-Term Protective
3	PA	EASTERN DIVERSIFIED METALS	Statutory	2/2/2023	2023	Short-Term Protective
3	PA	ELIZABETHTOWN LANDFILL	Statutory	6/11/2023	2023	Protective
3	PA	INDUSTRIAL LANE	Statutory	9/11/2023	2023	Protective
3	PA	LINDANE DUMP	Statutory	8/10/2023	2023	Protective
3	PA	METAL BANK	Statutory	7/25/2023	2023	Short-Term Protective
3	PA	NORTH PENN - AREA 1	Policy	7/11/2023	2023	Short-Term Protective
3	PA	OCCIDENTAL CHEMICAL CORP./FIRESTONE TIRE & RUBBER CO.	Policy	7/31/2023	2023	Short-Term Protective
3	PA	OHIO RIVER PARK	Statutory	3/16/2023	2023	Protective
3	PA	RODALE MANUFACTURING CO., INC.	Statutory	9/14/2023	2023	Short-Term Protective
3	PA	SHRIVER'S CORNER	Policy	8/8/2023	2023	Short-Term Protective
3	PA	TAYLOR BOROUGH DUMP	Policy	6/5/2023	2023	Short-Term Protective
3	PA	TONOLLI CORP.	Statutory	5/16/2023	2023	Short-Term Protective

Region	State	Site Name	FYR Type	Date Completed	Fiscal Year Due	Protectiveness Determination <sup>a</sup>
3	PA	WILLIAM DICK LAGOONS	Statutory	12/22/2022	2023	Short-Term Protective
3	VA	AVTEX FIBERS, INC.	Statutory	3/23/2023	2023	Short-Term Protective
3	VA	BUCKINGHAM COUNTY LANDFILL	Statutory	8/8/2023	2023	Short-Term Protective
3	VA	C & R BATTERY CO., INC.	Statutory	8/8/2023	2023	Protective
3	VA	GREENWOOD CHEMICAL CO.	Statutory	8/31/2023	2023	Short-Term Protective
3	VA	RENTOKIL, INC. (VIRGINIA WOOD PRESERVING DIVISION)	Statutory	6/28/2023	2023	Protective
3	WV	RAVENSWOOD PCE	Policy	5/4/2023	2023	Short-Term Protective
4	AL	ALABAMA PLATING COMPANY, INC.	Policy	9/13/2023	2023	Protective
4	AL	MOWBRAY ENGINEERING CO.	Statutory	9/18/2023	2023	Protective
4	FL	ALARIC AREA GW PLUME	Statutory	7/18/2023	2023	Short-Term Protective
4	FL	BEULAH LANDFILL	Statutory	9/27/2023	2023	Protective
4	FL	CHEVRON CHEMICAL CO. (ORTHO DIVISION)	Statutory	8/25/2023	2023	Short-Term Protective
4	FL	FLORIDA PETROLEUM REPROCESSORS	Statutory	7/14/2023	2023	Short-Term Protective
4	FL	MIAMI DRUM SERVICES	Policy	7/28/2023	2023	Protective
4	FL	RALEIGH STREET DUMP	Statutory	12/13/2022	2023	Short-Term Protective
4	FL	TAYLOR ROAD LANDFILL	Statutory	9/18/2023	2023	Short-Term Protective
4	FL	TOWER CHEMICAL CO.	Policy	8/8/2023	2023	Short-Term Protective
4	GA	ALTERNATE ENERGY RESOURCES INC	Statutory	11/9/2022	2023	Short-Term Protective
4	GA	PEACH ORCHARD RD PCE GROUNDWATER PLUME SITE	Statutory	9/22/2023	2023	Protectiveness Deferred
4	GA	POWERSVILLE SITE	Statutory	7/18/2023	2023	Protective
4	GA	T.H. AGRICULTURE & NUTRITION CO. (ALBANY PLANT)	Statutory	7/3/2023	2023	Short-Term Protective
4	KY	A.L. TAYLOR (VALLEY OF DRUMS)	Statutory	9/22/2023	2023	Short-Term Protective
4	KY	BRANTLEY LANDFILL	Statutory	1/25/2023	2023	Protective
4	KY	DISTLER BRICKYARD	Policy	8/30/2023	2023	Short-Term Protective
4	KY	DISTLER FARM	Policy	7/18/2023	2023	Short-Term Protective
4	KY	LEE'S LANE LANDFILL	Policy	8/30/2023	2023	Short-Term Protective
4	KY	NATIONAL ELECTRIC COIL CO./COOPER INDUSTRIES	Statutory	8/23/2023	2023	Short-Term Protective
4	KY	TRI-CITY DISPOSAL CO.	Statutory	9/27/2023	2023	Protectiveness Deferred
4	NC	ABC ONE HOUR CLEANERS	Statutory	6/14/2023	2023	Will be Protective
4	NC	ABERDEEN PESTICIDE DUMPS	Policy	9/26/2023	2023	Short-Term Protective
4	NC	BENFIELD INDUSTRIES, INC.	Statutory	9/28/2023	2023	Short-Term Protective
4	NC	CTS OF ASHEVILLE, INC.	Statutory	12/19/2022	2023	Protective
4	NC	GEIGY CHEMICAL CORP. (ABERDEEN PLANT)	Policy	9/26/2023	2023	Short-Term Protective
4	NC	GURLEY PESTICIDE BURIAL	Statutory	4/3/2023	2023	Short-Term Protective
4	NC	NORTH CAROLINA STATE UNIVERSITY (LOT 86, FARM UNIT #1)	Statutory	9/27/2023	2023	Short-Term Protective
4	NC	SIGMON'S SEPTIC TANK SERVICE	Policy	9/27/2023	2023	Protectiveness Deferred
4	SC	ADMIRAL HOME APPLIANCES	Policy	9/18/2023	2023	Short-Term Protective
4	SC	BEAUNIT CORP. (CIRCULAR KNIT & DYEING PLANT)	Statutory	9/13/2023	2023	Short-Term Protective

Region	State	Site Name	FYR Type	Date Completed	Fiscal Year Due	Protectiveness Determination <sup>a</sup>
4	SC	CAROLAWN, INC.	Statutory	9/27/2023	2023	Short-Term Protective
4	SC	ELMORE WASTE DISPOSAL	Policy	9/19/2023	2023	Short-Term Protective
4	SC	INTERNATIONAL MINERALS AND CHEMICALS (IMC)	Policy	9/27/2023	2023	Protective
4	SC	KALAMA SPECIALTY CHEMICALS	Statutory	9/19/2023	2023	Short-Term Protective
4	SC	KOPPERS CO., INC. (CHARLESTON PLANT)	Statutory	8/28/2023	2023	Short-Term Protective
4	SC	SCRDI BLUFF ROAD	Statutory	9/27/2023	2023	Short-Term Protective
4	TN	MALLORY CAPACITOR CO.	Statutory	9/27/2023	2023	Protectiveness Deferred
5	IL	ADAMS COUNTY QUINCY LANDFILLS 2&3	Statutory	3/9/2023	2023	Protectiveness Deferred
5	IL	BELOIT CORP.	Policy	9/21/2023	2023	Protectiveness Deferred
5	IL	BYRON SALVAGE YARD	Statutory	7/22/2023	2023	Short-Term Protective
5	IL	DUPAGE COUNTY LANDFILL/BLACKWELL FOREST PRESERVE	Statutory	7/14/2023	2023	Short-Term Protective
5	IL	JOHNS-MANVILLE CORP.	Statutory	4/27/2023	2023	Short-Term Protective
5	IL	OTTAWA TOWNSHIP FLAT GLASS SITE	Statutory	9/20/2023	2023	Protectiveness Deferred
5	IL	SAUGET AREA 2	Statutory	6/26/2023	2023	Will be Protective
5	IL	SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION	Statutory	5/10/2023	2023	Will be Protective
5	IL	VELSICOL CHEMICAL CORP. (MARSHALL PLANT)	Statutory	4/28/2023	2023	Short-Term Protective
5	IN	ENVIROCHEM CORP.	Statutory	3/2/2023	2023	Short-Term Protective
5	MI	AIRCRAFT COMPONENTS (D & L SALES)	Statutory	7/10/2023	2023	Short-Term Protective
5	MI	ALLIED PAPER, INC./PORTAGE CREEK/KALAMAZOO RIVER	Statutory	10/13/2022	2023	Will be Protective
5	MI	BOFORS NOBEL, INC.	Statutory	9/28/2023	2023	Protectiveness Deferred
5	MI	MUSKEGON CHEMICAL CO.	Policy	4/20/2023	2023	Short-Term Protective
5	MI	TORCH LAKE	Statutory	3/20/2023	2023	Short-Term Protective
5	MN	KUMMER SANITARY LANDFILL	Statutory	3/2/2023	2023	Short-Term Protective
5	MN	LAGRAND SANITARY LANDFILL	Statutory	8/3/2023	2023	Short-Term Protective
5	MN	RITARI POST & POLE	Statutory	9/6/2023	2023	Protectiveness Deferred
5	MN	WASTE DISPOSAL ENGINEERING	Statutory	4/20/2023	2023	Protectiveness Deferred
5	OH	NEW LYME LANDFILL	Statutory	2/22/2023	2023	Short-Term Protective
5	OH	POWELL ROAD LANDFILL	Statutory	5/31/2023	2023	Short-Term Protective
5	OH	REPUBLIC STEEL CORP. QUARRY	Statutory	3/20/2023	2023	Short-Term Protective
5	OH	SUMMIT EQUIPMENT & SUPPLIES INCORPORATION	Statutory	7/24/2023	2023	Short-Term Protective
5	OH	SUMMIT NATIONAL	Statutory	7/7/2023	2023	Short-Term Protective
5	WI	CEDAR CREEK	Statutory	11/7/2022	2023	Short-Term Protective
5	WI	FADROWSKI DRUM DISPOSAL	Statutory	9/26/2023	2023	Short-Term Protective
5	WI	MADISON METROPOLITAN SEWERAGE DISTRICT LAGOONS	Statutory	3/9/2023	2023	Short-Term Protective
5	WI	ONALASKA MUNICIPAL LANDFILL	Statutory	7/17/2023	2023	Short-Term Protective
5	WI	SCHMALZ DUMP	Statutory	9/28/2023	2023	Short-Term Protective
5	WI	STOUGHTON CITY LANDFILL	Statutory	8/28/2023	2023	Short-Term Protective

Region	State	Site Name	FYR Type	Date Completed	Fiscal Year Due	Protectiveness Determination <sup>a</sup>
6	AR	MID-SOUTH WOOD PRODUCTS	Statutory	9/27/2023	2023	Not Protective
6	LA	BAYOU SORREL	Statutory	6/30/2023	2023	Short-Term Protective
6	LA	CLEVE REBER	Statutory	7/27/2023	2023	Short-Term Protective
6	LA	D.L. MUD, INC.	Statutory	7/24/2023	2023	Short-Term Protective
6	LA	GULF COAST VACUUM SERVICES	Statutory	8/11/2023	2023	Short-Term Protective
6	LA	HIGHWAY 71/72 REFINERY	Statutory	5/18/2023	2023	Protective
6	NM	AT & SF (CLOVIS)	Statutory	6/15/2023	2023	Protective
6	NM	AT&SF (ALBUQUERQUE)	Statutory	8/25/2023	2023	Short-Term Protective
6	NM	CIMARRON MINING CORP.	Statutory	7/6/2023	2023	Protective
6	NM	UNITED NUCLEAR CORP.	Statutory	9/29/2023	2023	Short-Term Protective
6	OK	IMPERIAL REFINING COMPANY	Statutory	6/20/2023	2023	Protective
6	TX	BRIOS REFINING, INC.	Statutory	8/25/2023	2023	Short-Term Protective
6	TX	CITY OF PERRYTON WELL NO. 2	Statutory	5/19/2023	2023	Short-Term Protective
6	TX	CONROE CREOSOTING CO.	Statutory	9/20/2023	2023	Protective
6	TX	DIXIE OIL PROCESSORS, INC.	Statutory	8/25/2023	2023	Protective
6	TX	GENEVA INDUSTRIES/FUHRMANN ENERGY	Policy	9/5/2023	2023	Short-Term Protective
6	TX	HART CREOSOTING COMPANY	Statutory	8/15/2023	2023	Short-Term Protective
6	TX	HIGHLANDS ACID PIT	Statutory	6/15/2023	2023	Short-Term Protective
6	TX	JASPER CREOSOTING COMPANY INC.	Statutory	8/15/2023	2023	Short-Term Protective
6	TX	MANY DIVERSIFIED INTERESTS, INC.	Statutory	7/20/2023	2023	Protective
6	TX	NORTH CAVALCADE STREET	Statutory	6/28/2023	2023	Short-Term Protective
6	TX	ROCKWOOL INDUSTRIES INC.	Statutory	9/19/2023	2023	Short-Term Protective
6	TX	SPRAGUE ROAD GROUND WATER PLUME	Policy	9/19/2023	2023	Short-Term Protective
7	IA	DES MOINES TCE	Statutory	3/8/2023	2023	Short-Term Protective
7	IA	JOHN DEERE (DUBUQUE WORKS)	Statutory	6/6/2023	2023	Protective
7	IA	JOHN DEERE (OTTUMWA WORKS LANDFILLS)	Statutory	3/30/2023	2023	Protective
7	IA	MASON CITY COAL GASIFICATION PLANT	Statutory	4/5/2023	2023	Protective
7	IA	MID-AMERICA TANNING CO.	Statutory	8/2/2023	2023	Short-Term Protective
7	IA	WATERLOO COAL GASIFICATION PLANT	Statutory	8/7/2023	2023	Protective
7	KS	ACE SERVICES	Policy	9/12/2023	2023	Protective
7	KS	FORMER UNITED ZINC & ASSOCIATED SMELTERS	Statutory	8/18/2023	2023	Will be Protective
7	KS	WRIGHT GROUND WATER CONTAMINATION	Statutory	8/1/2023	2023	Protectiveness Deferred
7	MO	MADISON COUNTY MINES	Statutory	8/14/2023	2023	Protectiveness Deferred
7	MO	VALLEY PARK TCE	Policy	9/8/2023	2023	Short-Term Protective
7	NE	CLEBURN STREET WELL	Statutory	8/21/2023	2023	Protective
7	NE	LINDSAY MANUFACTURING CO.	Statutory	8/21/2023	2023	Protective
7	NE	NEBRASKA ORDNANCE PLANT (FORMER)	Statutory	10/26/2022	2023	Protective
7	NE	SHERWOOD MEDICAL CO.	Policy	8/29/2023	2023	Protective
8	CO	COLORADO SMELTER	Statutory	1/23/2023	2023	Will be Protective
8	CO	DENVER RADIUM SITE	Statutory	9/7/2023	2023	Short-Term Protective

Region	State	Site Name	FYR Type	Date Completed	Fiscal Year Due	Protectiveness Determination <sup>a</sup>
8	CO	EAGLE MINE	Statutory	9/15/2023	2023	Short-Term Protective
8	MT	BASIN MINING AREA	Statutory	9/28/2023	2023	Short-Term Protective
8	MT	FLAT CREEK IMM	Statutory	8/6/2023	2023	Short-Term Protective
8	MT	MOUAT INDUSTRIES	Policy	8/23/2023	2023	Short-Term Protective
8	ND	ARSENIC TRIOXIDE SITE	Policy	9/28/2023	2023	Short-Term Protective
8	UT	BOUNTIFUL/WOODS CROSS 5TH S. PCE PLUME	Statutory	9/29/2023	2023	Will be Protective
8	UT	EUREKA MILLS	Statutory	7/18/2023	2023	Protective
8	UT	INTERMOUNTAIN WASTE OIL REFINERY	Statutory	8/11/2023	2023	Protective
8	UT	RICHARDSON FLAT TAILINGS	Statutory	9/26/2023	2023	Short-Term Protective
9	AZ	TUCSON INTERNATIONAL AIRPORT AREA	Statutory	9/30/2023	2023	Short-Term Protective
9	CA	IRON MOUNTAIN MINE	Statutory	9/8/2023	2023	Short-Term Protective
9	CA	KOPPERS CO., INC. (OROVILLE PLANT)	Statutory	9/19/2023	2023	Short-Term Protective
9	CA	MCCORMICK & BAXTER CREOSOTING CO.	Statutory	9/25/2023	2023	Short-Term Protective
9	CA	MODESTO GROUND WATER CONTAMINATION	Statutory	9/25/2023	2023	Not Protective
9	CA	MONOLITHIC MEMORIES	Statutory	9/6/2023	2023	Short-Term Protective
9	CA	NATIONAL SEMICONDUCTOR CORP.	Policy	9/6/2023	2023	Short-Term Protective
9	CA	NEWMARK GROUND WATER CONTAMINATION	Statutory	9/12/2023	2023	Short-Term Protective
9	CA	SAN FERNANDO VALLEY (AREA 1)	Statutory	9/28/2023	2023	Protective
9	CA	SAN FERNANDO VALLEY (AREA 2)	Statutory	9/25/2023	2023	Protective
9	CA	T.H. AGRICULTURE & NUTRITION CO.	Statutory	9/25/2023	2023	Protective
9	CA	WESTERN PACIFIC RAILROAD CO.	Statutory	9/19/2023	2023	Protective
9	NV	CARSON RIVER MERCURY SITE	Statutory	9/20/2023	2023	Short-Term Protective
10	ID	BLACKBIRD MINE	Statutory	8/14/2023	2023	Will be Protective
10	ID	MONSANTO CHEMICAL CO. (SODA SPRINGS PLANT)	Statutory	8/28/2023	2023	Not Protective
10	OR	ALLIED PLATING, INC.	Statutory	7/20/2023	2023	Protective
10	OR	MARTIN-MARIETTA ALUMINUM CO.	Statutory	5/4/2023	2023	Short-Term Protective
10	OR	REYNOLDS METALS COMPANY	Statutory	7/11/2023	2023	Short-Term Protective
10	OR	TELEDYNE WAH CHANG	Statutory	12/19/2022	2023	Will be Protective
10	WA	BOOMSNUB/AIRCO	Statutory	5/18/2023	2023	Short-Term Protective
10	WA	COMMENCEMENT BAY, SOUTH TACOMA CHANNEL	Statutory	9/19/2023	2023	Protectiveness Deferred
10	WA	FMC CORP. (YAKIMA)	Statutory	9/5/2023	2023	Protective
10	WA	LOCKHEED WEST SEATTLE	Statutory	9/15/2023	2023	Short-Term Protective
10	WA	PALERMO WELL FIELD GROUND WATER CONTAMINATION	Statutory	9/19/2023	2023	Short-Term Protective
10	WA	QUEEN CITY FARMS	Statutory	9/15/2023	2023	Short-Term Protective
10	WA	TULALIP LANDFILL	Statutory	5/4/2023	2023	Short-Term Protective
10	WA	WESTERN PROCESSING CO., INC.	Statutory	9/11/2023	2023	Short-Term Protective

<sup>a</sup> Explanations of terms used in this table are included in Attachment 3.

**Non-FF FYRs Not Yet Complete in FY 2023**

<b>Region</b>	<b>State</b>	<b>Site Name</b>	<b>FYR Type</b>	<b>Fiscal Year Due</b>
6	LA	AGRICULTURE STREET LANDFILL	Policy	2023
8	CO	CENTRAL CITY, CLEAR CREEK	Statutory	2023

**Attachment 2**

**FY 2023 Superfund FYR Report to Congress**  
**FYRs at FF NPL Sites**

<b>FF FYRs Completed in FY 2023</b>
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Region	State	Site Name	Federal Agency Owner	FYR Type	Date Completed	Fiscal Year Due	Protectiveness Determination <sup>a</sup>
1	MA	OTIS AIR NATIONAL GUARD BASE/CAMP EDWARDS	National Guard	Statutory	9/29/2023	2023	Short-Term Protective
1	RI	DAVISVILLE NAVAL CONSTRUCTION BATTALION CENTER	Department of the Navy	Statutory	3/28/2023	2023	Short-Term Protective
2	NJ	FORT DIX (LANDFILL SITE)	Department of the Army	Statutory	5/10/2023	2023	Protective
2	NJ	NAVAL WEAPONS STATION EARLE (SITE A)	Department of the Navy	Statutory	3/27/2023	2023	Short-Term Protective
2	PR	ATLANTIC FLEET WEAPONS TRAINING AREA	Department of the Navy	Statutory	9/19/2023	2023	Will be Protective
3	DE	DOVER AIR FORCE BASE	Department of the Air Force	Statutory	9/28/2023	2024	Protectiveness Deferred
3	MD	BELTSVILLE AGRICULTURAL RESEARCH CENTER (USDA)	Department of Agriculture	Statutory	7/21/2023	2023	Short-Term Protective
3	PA	WILLOW GROVE NAVAL AIR AND AIR RESERVE STATION	Department of the Navy	Statutory	9/27/2023	2023	Protectiveness Deferred
3	VA	DEFENSE GENERAL SUPPLY CENTER (DLA)	Department of Defense	Statutory	8/28/2023	2023	Protectiveness Deferred
3	VA	FORT EUSTIS (US ARMY)	Department of the Air Force	Statutory	9/22/2023	2023	Protectiveness Deferred
3	VA	MARINE CORPS COMBAT DEVELOPMENT COMMAND	Department of the Navy	Statutory	6/5/2023	2023	Will Be Protective
3	VA	NAVAL WEAPONS STATION - YORKTOWN	Department of the Navy	Statutory	3/13/2023	2023	Short-Term Protective
3	WV	ALLEGANY BALLISTICS LABORATORY (USNAVY)	Department of the Navy	Statutory	9/18/2023	2023	Protectiveness Deferred
4	AL	ALABAMA ARMY AMMUNITION PLANT	Department of the Army	Statutory	8/30/2023	2023	Short-Term Protective
4	AL	USARMY/NASA REDSTONE ARSENAL	Department of the Army	Statutory	9/22/2023	2023	Protectiveness Deferred
4	FL	PENSACOLA NAVAL AIR STATION	Department of the Navy	Statutory	9/15/2023	2023	Will be Protective
4	NC	CHERRY POINT MARINE CORPS AIR STATION	Department of the Navy	Statutory	5/4/2023	2023	Protective
4	SC	SAVANNAH RIVER SITE (USDOE)	Department of Energy	Statutory	12/13/2022	2023	Protective

Region	State	Site Name	Federal Agency Owner	FYR Type	Date Completed	Fiscal Year Due	Protectiveness Determination <sup>a</sup>
4	TN	MEMPHIS DEFENSE DEPOT (DLA)	Defense Logistics Agency	Statutory	1/23/2023	2023	Protectiveness Deferred
5	MN	TWIN CITIES AIR FORCE RESERVE BASE (SMALL ARMS RANGE LANDFILL)	Department of the Air Force	Statutory	4/14/2023	2023	Short-Term Protective
6	TX	PANTEX PLANT (USDOE)	Department of Energy	Statutory	9/7/2023	2023	Short-Term Protective
8	CO	AIR FORCE PLANT PJKS	Department of the Air Force	Statutory	8/10/2023	2023	Protectiveness Deferred
8	UT	TOOELE ARMY DEPOT (NORTH AREA)	Department of the Army	Statutory	5/2/2023	2023	Protectiveness Deferred
9	CA	BARSTOW MARINE CORPS LOGISTICS BASE	Department of the Navy	Statutory	9/30/2023	2023	Short-Term Protective
9	CA	LAWRENCE LIVERMORE NATL LAB (SITE 300) (USDOE)	Department of Energy	Statutory	8/14/2023	2023	Protectiveness Deferred
9	CA	TRAVIS AIR FORCE BASE	Department of the Air Force	Statutory	9/29/2023	2023	Protectiveness Deferred
10	AK	EIELSON AIR FORCE BASE	Department of the Air Force	Statutory	9/27/2023	2023	Protectiveness Deferred
10	AK	FORT RICHARDSON (USARMY)	Department of the Army	Statutory	2/22/2023	2023	Protectiveness Deferred
10	AK	STANDARD STEEL & METALS SALVAGE YARD (USDOT)	Department of Transportation	Statutory	4/4/2023	2023	Short-Term Protective
10	WA	FAIRCHILD AIR FORCE BASE (4 WASTE AREAS)	Department of the Air Force	Statutory	9/19/2023	2023	Protectiveness Deferred
10	WA	PUGET SOUND NAVAL SHIPYARD COMPLEX	Department of the Navy	Statutory	11/21/2022	2023	Not Protective

<sup>a</sup> Explanations of terms used in this table are included in Attachment 3.

## FYRs at FF NPL Sites: Independent Finding of Protectiveness

The information included below is for FF FYRs, completed in FY 2023, when the other Federal agency or department has either not submitted a final report by the statutory due date; or when the report submitted is technically inaccurate; or when EPA disagrees with the other Federal agency's protectiveness statement. The information in this table refers to EPA's "independent finding of protectiveness" for FF FYRs in these unique circumstances.<sup>1</sup>

The table below includes additional information for the FY 2023 FYRs where EPA made an independent finding of protectiveness.

Independent Finding of Protectiveness for FF FYRs Completed in FY 2023			
Site	Lead Federal Agency	Protectiveness Determination by the EPA	Reason for Independent Finding of the Protectiveness
R1- Davisville Naval Construction Battalion Center, RI	Department of the Navy	Short-Term Protective	The Navy did submit a draft report to EPA for review and comment. EPA is making an independent finding of short-term protectiveness for Operable Unit (OU) 8. In order for the remedy to be protective in the long-term, the Navy must evaluate and select a remedial action that can achieve drinking water standards within a reasonable time frame.
R3- Dover Air Force Base, DE	Department of the Air Force	Protectiveness Deferred	The Air Force did not submit a draft report to EPA for review and comment by the statutory due date of October 15, 2023. Therefore, EPA made an independent finding of protectiveness deferred by the statutory date.
R3- Defense General Supply Center (DLA), VA	Department of the Defense	Protectiveness Deferred	The Department of Defense did not submit a draft report to EPA for review and comment by the statutory due date of September 2, 2023. Therefore, EPA made an independent finding of protectiveness deferred by the statutory due date.
R3- Fort Eustis (US ARMY), VA	Department of the Air Force	Protectiveness Deferred	The Air Force did not submit a draft report to EPA for review and comment by the statutory date of September 13, 2023. Therefore, EPA made an independent finding of protectiveness deferred by the statutory due date.
R3 – Allegany Ballistics Laboratory (USNAVY), WV	Department of the Navy	Protectiveness Deferred	The Navy did submit a draft report to EPA for review and comment but EPA was not given adequate time to review the draft report by the statutory due date of September 19, 2023. Therefore, EPA made an independent finding of protectiveness deferred by the statutory due date.
R4- US Army/Redstone Arsenal, AL	Department of the Army	Protectiveness Deferred	The Army did submit a draft periodic review report to EPA for review and comment. EPA made an independent finding of protectiveness deferred for OU6/ RSA-122, Dismantled Lewisite

<sup>1</sup> Section 2.5 of the 2001 Comprehensive Five-Year Review Guidance states that for Federal facility sites that are listed on the NPL, per EO 12580, "...five-year reviews are conducted by the Federal agency or department that has jurisdiction, custody, or control, but EPA retains final authority over whether the five-year reviews adequately address the protectiveness of remedies. EPA will either concur with the final Federal agency or department protectiveness determination, or EPA may provide independent findings."

Site	Lead Federal Agency	Protectiveness Determination by the EPA	Reason for Independent Finding of the Protectiveness
			Manufacturing Plant Sites because additional corrective measures are required to be compliant with the Permit.
R4 – Memphis Defense Depot (DLA), TN	Defense Logistics Agency	Protectiveness Deferred	The Army did submit a draft report to EPA for review and comment. EPA made an independent finding of protectiveness deferred for OU1, Dunn Field due to the potential exposure pathway of vapor intrusion to current offsite residents.
R8- Tooele Army Depot (North Area), UT	Department of the Army	Protectiveness Deferred	The Army did submit a draft report to EPA for review and comment. EPA made an independent finding of protectiveness deferred due to the data needed to determine if PFAS has impacted the soil and groundwater for specific OUs and whether ecological risk has been evaluated based on lead exposure.
R9- Travis Air Force Base, CA	Department of the Air Force	Protectiveness Deferred	The Air Force did submit a draft report to EPA for review and comment. EPA made an independent finding of protectiveness deferred due to the Air Force not providing a final document to review.
R10- Fort Richardson (USARMY), AK	Department of the Army	Protectiveness Deferred	The Army did submit a draft report to EPA for review and comment. EPA made an independent finding of protectiveness deferred for OU5/DA0890 due to the completion of a vapor intrusion assessment.
R10- Fairchild Air Force Base (4 Waste Areas), WA	Department of the Air Force	Protectiveness Deferred	The Air Force did submit a draft report to EPA for review and comment. EPA made an independent finding of protectiveness deferred due to OU 2 and the recommendation is to conduct a risk assessment to screen actual or potential sources of drinking water for PFAS.
R10- Puget Sound Naval Shipyard Complex, WA	Department of the Navy	Not Protective	The Navy did submit a draft report to EPA for review and comment. EPA made an independent finding of not protective for OU B Marine due to human health risk from ongoing, uncontrolled mercury sources from the site discharging to the Sinclair Inlet.

### Attachment 3

#### FY 2023 Superfund FYR Report to Congress Explanation of Terms Used in This Report

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 OU is protective but another OU 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 both 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 determination 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 that a protectiveness determination can be made through a future 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.