



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

April 1, 2021

THE ADMINISTRATOR

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

Dear Madam President:

I am pleased to submit the enclosed report titled, "FY 2020 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 Radha Adhar, Deputy Associate Administrator for Congressional and Intergovernmental Relations at [Adhar.Radha@epa.gov](mailto:Adhar.Radha@epa.gov) or (202) 564-1810.

Respectfully yours,

A handwritten signature in black ink that reads "Michael S. Regan". The signature is written in a cursive style.

Michael S. Regan

Enclosure



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

April 1, 2021

THE ADMINISTRATOR

The Honorable Nancy Pelosi  
Speaker of the House  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Madam Speaker:

I am pleased to submit the enclosed report entitled, "FY 2020 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 Radha Adhar, Deputy Associate Administrator for Congressional and Intergovernmental Relations at [Adhar.Radha@epa.gov](mailto:Adhar.Radha@epa.gov) or (202) 564-1810.

Respectfully yours,

A handwritten signature in cursive script that reads "Michael S. Regan".

Michael S. Regan

Enclosure

## FISCAL YEAR 2020 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 contacts 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) 2020, or other fiscal years, completed in FY 2020;
- Non-FF reviews due in FY 2020 or prior fiscal years, pending completion; and
- FF reviews due in FY 2020 or other fiscal years, completed in FY 2020.

For non-FF sites, a total of 259 FYRs were due in FY 2020. Of the reviews due in FY 2020, 255 are complete, while four remain pending completion. Another eight reviews due in other fiscal years were also completed in FY 2020, bringing the total number of non-FF site FYRs completed in FY 2020 to 263 (Table 1).

For FF NPL sites, a total of 30 sites required FYRs in FY 2020. Of the reviews due in FY 2020, all 30 are complete. No additional reviews due in other fiscal years were completed; therefore, the total number of FF NPL site FYRs completed in FY 2020 is 30 (Table 1).

In all, the total number of FYRs completed for both non-FF and FF NPL sites was **293**. Based on the reviews, EPA has determined that nine sites (or portions of the sites) were “not protective” and that 34 sites or portions of sites were “protectiveness deferred” (Table 2). 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**

<b>Non-FF and FF FYRs Completed in FY 2020</b>			
<b>FYR Completion Status</b>	<b>Number of FYRs</b>		
	<b>Non-FF</b>	<b>FF</b>	<b>Total</b>
<b>Total FYRs Due in FY 2020</b>	<b>259</b>	<b>30</b>	<b>289</b>
<b>Total FYRs Completed in FY 2020</b>	<b>263</b>	<b>30</b>	<b>293</b>
FYRs Due in FY 2020, Completed in FY 2020	255	30	285
FYRs Due in other FYs, Completed in FY 2020	8	0	8
<b>Total FYRs Pending Completion at the end of FY 2020</b>	<b>4</b>	<b>0</b>	<b>4</b>
FYRs Due in FY20, Pending Completion	4	0	4
FYRs Due in other FYs, Pending Completion	0	0	0

**Table 2: FYR Protectiveness Determination**

<b>Non-FF and FF FYRs Completed in FY 2020</b>			
<b>Protectiveness Determination</b>	<b>Number of FYRs</b>		
	<b>Non-FF</b>	<b>FF</b>	<b>Total</b>
Protective	88	7	95
Short-Term Protective	123	11	134
Will Be Protective	19	2	21
Protectiveness Deferred	25	9	34
Not Protective	8	1	9
<b>Total</b>	<b>263</b>	<b>30</b>	<b>293</b>

Summary 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

additional details on the FYRs summarized in this report, including a list of statutory, policy and discretionary<sup>1</sup> FYRs that were conducted for non-FF sites and FF NPL sites.

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<sup>1</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 2020 Superfund FYR Report to Congress FYRs at Non-FF NPL Sites

#### Non-FF FYRs Completed in FY 2020

Region	State	Site Name	FYR Type	Date Completed	Fiscal Year Due	Protectiveness Determination <sup>a</sup>
01	MA	ATLAS TACK CORP.	Statutory	07/21/2020	2020	Protective
01	MA	BLACKBURN & UNION PRIVILEGES	Statutory	03/20/2020	2020	Short-Term Protective
01	VT	BURGESS BROTHERS LANDFILL	Statutory	09/17/2020	2020	Protective
01	MA	CANNON ENGINEERING CORP. (CEC)	Statutory	09/22/2020	2020	Protective
01	MA	CHARLES GEORGE RECLAMATION TRUST LANDFILL	Statutory	06/23/2020	2020	Short-Term Protective
01	ME	EASTLAND WOOLEN MILL	Statutory	09/14/2020	2020	Short-Term Protective
01	MA	GROVELAND WELLS	Policy	06/26/2020	2020	Short-Term Protective
01	MA	NEW BEDFORD	Statutory	09/22/2020	2020	Will be Protective
01	NH	NEW HAMPSHIRE PLATING CO.	Statutory	02/13/2020	2020	Short-Term Protective
01	MA	NORWOOD PCBS	Statutory	12/17/2019	2020	Protective
01	CT	OLD SOUTHTINGTON LANDFILL	Statutory	09/21/2020	2020	Protective
01	ME	PINETTE'S SALVAGE YARD	Statutory	09/18/2020	2020	Protective
01	MA	PSC RESOURCES	Statutory	07/06/2020	2020	Short-Term Protective
01	CT	RAYMARK INDUSTRIES, INC.	Statutory	09/23/2020	2020	Will be Protective
01	RI	ROSE HILL REGIONAL LANDFILL	Statutory	09/16/2020	2020	Short-Term Protective
01	ME	SACO MUNICIPAL LANDFILL	Statutory	09/08/2020	2020	Short-Term Protective
01	CT	SOLVENTS RECOVERY SERVICE OF NEW ENGLAND	Statutory	09/15/2020	2020	Short-Term Protective
01	NH	SOMERSWORTH SANITARY LANDFILL	Statutory	09/23/2020	2020	Short-Term Protective
01	RI	STAMINA MILLS	Policy	08/31/2020	2020	Protective
01	NH	TROY MILLS LANDFILL	Statutory	09/23/2020	2020	Short-Term Protective
01	RI	WEST KINGSTON TOWN DUMP/URI DISPOSAL AREA	Statutory	08/27/2020	2020	Protective
02	NJ	ASBESTOS DUMP	Statutory	07/29/2020	2020	Protective
02	NJ	ASBESTOS DUMP	Statutory	08/17/2020	2020	Protective
02	PR	BARCELONETA LANDFILL	Statutory	05/22/2020	2020	Protective
02	NY	BATAVIA LANDFILL	Statutory	04/20/2020	2020	Protective
02	NY	CARROLL & DUBIES SEWAGE DISPOSAL	Statutory	03/03/2020	2020	Short-Term Protective
02	NJ	CHEMSOL, INC.	Statutory	08/17/2020	2020	Protective
02	NY	CIRCUITRON CORP.	Policy	01/24/2020	2020	Protective
02	NY	COLESVILLE MUNICIPAL LANDFILL	Statutory	03/10/2020	2020	Short-Term Protective
02	NJ	DOVER MUNICIPAL WELL 4	Policy	03/03/2020	2020	Protective
02	NJ	ELLIS PROPERTY	Policy	04/09/2020	2020	Short-Term Protective

Region	State	Site Name	FYR Type	Date Completed	Fiscal Year Due	Protectiveness Determination <sup>a</sup>
02	NY	FMC CORP. (DUBLIN ROAD LANDFILL)	Statutory	03/31/2020	2020	Protective
02	NY	GENERAL MOTORS (CENTRAL FOUNDRY DIVISION)	Statutory	09/30/2020	2020	Protectiveness Deferred
02	NY	GENZALE PLATING CO.	Statutory	06/30/2020	2020	Short-Term Protective
02	NJ	GLOBAL SANITARY LANDFILL	Statutory	02/21/2020	2020	Protective
02	NJ	HELEN KRAMER LANDFILL	Policy	09/30/2020	2020	Short-Term Protective
02	NJ	HERCULES, INC. (GIBBSTOWN PLANT)	Statutory	01/24/2020	2020	Protective
02	NY	HERTEL LANDFILL	Statutory	02/21/2020	2020	Protective
02	NJ	IMPERIAL OIL CO., INC./CHAMPION CHEMICALS	Statutory	01/24/2020	2020	Will be Protective
02	NJ	JACKSON TOWNSHIP LANDFILL	Statutory	05/22/2020	2020	Protective
02	NJ	JIS LANDFILL	Statutory	11/19/2019	2020	Protective
02	NJ	JOHNSON & TOWERS	Policy	02/11/2020	2020	Protective
02	NJ	KING OF PRUSSIA	Policy	06/12/2020	2020	Protective
02	NY	LAWRENCE AVIATION INDUSTRIES, INC.	Statutory	03/31/2020	2020	Short-Term Protective
02	NY	LI TUNGSTEN CORP.	Statutory	07/28/2020	2020	Protective
02	NY	MATTIACE PETROCHEMICAL CO., INC.	Policy	05/22/2020	2020	Will be Protective
02	NJ	MONROE TOWNSHIP LANDFILL	Statutory	11/18/2019	2020	Protective
02	NJ	MONTGOMERY TOWNSHIP HOUSING DEVELOPMENT	Policy	07/29/2020	2021	Protective
02	NY	ONONDAGA LAKE	Statutory	03/10/2020	2020	Will be Protective
02	NY	ONONDAGA LAKE	Statutory	09/30/2020	2020	Protectiveness Deferred
02	NY	ONONDAGA LAKE	Statutory	05/12/2020	2020	Will be Protective
02	NY	ONONDAGA LAKE	Statutory	06/11/2020	2020	Short-Term Protective
02	NY	PETER COOPER	Statutory	12/20/2019	2020	Protective
02	NJ	PULVERIZING SERVICES	Statutory	12/20/2019	2020	Protective
02	NY	RAMAPO LANDFILL	Statutory	02/21/2020	2020	Short-Term Protective
02	NJ	ROCKAWAY BOROUGH WELL FIELD	Policy	09/01/2020	2020	Short-Term Protective
02	NJ	ROCKAWAY TOWNSHIP WELLS	Policy	09/23/2020	2020	Short-Term Protective
02	NJ	ROCKY HILL MUNICIPAL WELL	Policy	07/29/2020	2021	Protective
02	PR	VEGA BAJA SOLID WASTE DISPOSAL	Statutory	09/30/2020	2020	Short-Term Protective
02	NY	VOLNEY MUNICIPAL LANDFILL	Statutory	07/07/2020	2020	Short-Term Protective
02	NY	YORK OIL CO.	Statutory	01/14/2020	2020	Short-Term Protective
03	VA	ATLANTIC WOOD INDUSTRIES, INC.	Statutory	05/19/2020	2020	Will be Protective
03	PA	BALLY GROUND WATER CONTAMINATION	Statutory	05/29/2020	2020	Short-Term Protective
03	PA	BERKLEY PRODUCTS CO. DUMP	Statutory	09/02/2020	2020	Short-Term Protective
03	PA	BERKS LANDFILL	Statutory	07/08/2020	2020	Protective
03	MD	BUSH VALLEY LANDFILL	Statutory	07/01/2020	2020	Protective
03	PA	COMMODORE SEMICONDUCTOR GROUP	Policy	06/16/2020	2020	Short-Term Protective
03	DE	DELAWARE SAND & GRAVEL LANDFILL	Statutory	08/19/2020	2020	Short-Term Protective

Region	State	Site Name	FYR Type	Date Completed	Fiscal Year Due	Protectiveness Determination <sup>a</sup>
03	DE	E.I. DU PONT DE NEMOURS & CO., INC. (NEWPORT PIGMENT PLANT LANDFILL)	Statutory	04/14/2020	2020	Not Protective
03	VA	FIRST PIEDMONT CORP. ROCK QUARRY (ROUTE 719)	Statutory	01/22/2020	2020	Protective
03	VA	H & H INC., BURN PIT	Statutory	06/03/2020	2020	Short-Term Protective
03	PA	HAVERTOWN PCP	Statutory	09/17/2020	2020	Short-Term Protective
03	PA	HELLERTOWN MANUFACTURING CO.	Statutory	04/20/2020	2020	Short-Term Protective
03	PA	HUNTERSTOWN ROAD	Statutory	08/04/2020	2020	Protective
03	MD	KANE & LOMBARD STREET DRUMS	Statutory	05/15/2020	2020	Protective
03	PA	KEYSTONE SANITATION LANDFILL	Statutory	09/14/2020	2020	Short-Term Protective
03	VA	L.A. CLARKE & SON	Statutory	08/03/2020	2020	Will be Protective
03	PA	LEHIGH ELECTRIC & ENGINEERING CO.	Statutory	01/30/2020	2020	Protective
03	PA	MALVERN TCE	Statutory	09/16/2020	2020	Short-Term Protective
03	PA	MCADOO ASSOCIATES	Statutory	06/16/2020	2020	Protective
03	PA	MODERN SANITATION LANDFILL	Statutory	02/24/2020	2020	Protective
03	PA	MW MANUFACTURING	Statutory	08/11/2020	2020	Protective
03	DE	NCR CORP. (MILLSBORO PLANT)	Statutory	06/25/2020	2020	Protective
03	PA	NORTH PENN - AREA 12	Policy	09/17/2020	2020	Short-Term Protective
03	PA	OSBORNE LANDFILL	Statutory	06/11/2020	2020	Short-Term Protective
03	PA	PRICE BATTERY LEAD SMELTER	Statutory	07/24/2020	2020	Short-Term Protective
03	PA	PUBLICCKER INDUSTRIES INC.	Statutory	11/26/2019	2020	Protective
03	VA	SAUNDERS SUPPLY CO.	Statutory	12/11/2019	2020	Short-Term Protective
03	PA	STRASBURG LANDFILL	Statutory	04/14/2020	2020	Protective
03	DE	SUSSEX COUNTY LANDFILL NO. 5	Discretionary	02/20/2020	2020	Protective
03	DE	TYBOUTS CORNER LANDFILL	Policy	07/14/2020	2020	Short-Term Protective
03	VA	U.S. TITANIUM	Statutory	03/20/2020	2020	Short-Term Protective
03	WV	VIENNA TETRACHLOROETHENE	Policy	12/17/2019	2020	Short-Term Protective
03	PA	WHITMOYER LABORATORIES	Statutory	04/14/2020	2020	Short-Term Protective
04	FL	AGRICO CHEMICAL CO.	Statutory	05/15/2020	2020	Short-Term Protective
04	AL	ANNISTON PCB SITE (MONSANTO CO)	Statutory	09/30/2020	2020	Short-Term Protective
04	SC	AQUA-TECH ENVIRONMENTAL INC (GROCE LABS)	Statutory	09/25/2020	2020	Short-Term Protective
04	FL	BROWN'S DUMP	Statutory	12/10/2019	2020	Will be Protective
04	NC	CAROLINA TRANSFORMER CO.	Policy	09/21/2020	2020	Protectiveness Deferred
04	TN	CARRIER AIR CONDITIONING CO.	Statutory	09/28/2020	2020	Short-Term Protective
04	NC	CHARLES MACON LAGOON AND DRUM STORAGE	Policy	09/25/2020	2020	Short-Term Protective
04	FL	CHEMFORM, INC.	Statutory	09/21/2020	2020	Short-Term Protective
04	NC	DAVIS PARK ROAD TCE	Policy	09/29/2020	2020	Protective



Region	State	Site Name	FYR Type	Date Completed	Fiscal Year Due	Protectiveness Determination <sup>a</sup>
04	NC	FCX, INC. (WASHINGTON PLANT)	Statutory	09/25/2020	2020	Short-Term Protective
04	FL	HIPPS ROAD LANDFILL	Statutory	09/30/2020	2020	Protective
04	TN	ICG ISELIN RAILROAD YARD	Statutory	04/01/2020	2020	Protective
04	FL	JACKSONVILLE ASH SITE	Statutory	12/10/2019	2020	Will be Protective
04	NC	JFD ELECTRONICS/CHANNEL MASTER	Statutory	09/16/2020	2020	Protectiveness Deferred
04	FL	JJ SEIFERT MACHINE	Statutory	01/17/2020	2020	Protectiveness Deferred
04	SC	MACALLOY CORPORATION	Policy	08/20/2020	2020	Protective
04	FL	MADISON COUNTY SANITARY LANDFILL	Statutory	09/21/2020	2020	Short-Term Protective
04	GA	MONSANTO CORP. (AUGUSTA PLANT)	Policy	09/17/2020	2020	Short-Term Protective
04	TN	NORTH HOLLYWOOD DUMP	Statutory	09/17/2020	2020	Short-Term Protective
04	FL	NORTHWEST 58TH STREET LANDFILL	Statutory	06/24/2020	2020	Protective
04	SC	PARA-CHEM SOUTHERN, INC.	Statutory	09/15/2020	2020	Protective
04	FL	PEAK OIL CO/BAY DRUM CO.	Statutory	09/30/2020	2020	Short-Term Protective
04	FL	PIONEER SAND CO.	Policy	11/22/2019	2020	Protective
04	FL	SANFORD DRY CLEANERS	Policy	06/02/2020	2020	Short-Term Protective
04	FL	SANFORD GASIFICATION PLANT	Statutory	12/18/2019	2020	Protective
04	SC	SANGAMO WESTON, INC./TWELVE-MILE CREEK/LAKE HARTWELL PCB CONTAMINATION	Statutory	06/02/2020	2020	Protective
04	SC	SCRDI DIXIANA	Statutory	09/30/2020	2020	Short-Term Protective
04	FL	SHERWOOD MEDICAL INDUSTRIES	Statutory	05/08/2020	2020	Short-Term Protective
04	TN	SIXTY ONE INDUSTRIAL PARK	Statutory	09/24/2020	2020	Short-Term Protective
04	FL	STANDARD AUTO BUMPER CORP.	Statutory	06/24/2020	2020	Protective
04	FL	STAUFFER CHEMICAL CO (TAMPA)	Statutory	06/24/2020	2020	Short-Term Protective
04	FL	STAUFFER CHEMICAL CO. (TARPON SPRINGS)	Statutory	06/30/2020	2020	Protective
04	SC	TOWNSEND SAW CHAIN CO.	Statutory	07/07/2020	2020	Protective
04	AL	TRIANA/TENNESSEE RIVER	Policy	07/27/2020	2020	Short-Term Protective
04	NC	WEYERHAEUSER CO PLYMOUTH WOOD TRTNG PT	Statutory	07/16/2020	2020	Short-Term Protective
04	TN	WRIGLEY CHARCOAL PLANT	Statutory	09/25/2020	2020	Protectiveness Deferred
04	FL	YELLOW WATER ROAD	Statutory	09/25/2020	2020	Protective
05	MI	ADAM'S PLATING	Statutory	06/15/2020	2020	Protectiveness Deferred
05	IL	AMOCO CHEMICALS (JOLIET LANDFILL)	Statutory	09/23/2020	2020	Short-Term Protective
05	WI	BETTER BRITE PLATING CO. CHROME AND ZINC SHOPS	Statutory	11/18/2019	2020	Short-Term Protective
05	OH	BUCKEYE RECLAMATION	Statutory	05/18/2020	2019	Protective
05	MI	CHEM CENTRAL	Statutory	11/07/2019	2020	Protectiveness Deferred

Region	State	Site Name	FYR Type	Date Completed	Fiscal Year Due	Protectiveness Determination <sup>a</sup>
05	OH	CHEMICAL RECOVERY SYSTEMS	Statutory	07/16/2020	2020	Protectiveness Deferred
05	IN	COLUMBUS OLD MUNICIPAL LANDFILL #1	Statutory	08/07/2020	2020	Short-Term Protective
05	IL	CROSS BROTHERS PAIL RECYCLING (PEMBROKE)	Statutory	08/04/2020	2020	Protectiveness Deferred
05	WI	DELAVAN MUNICIPAL WELL #4	Statutory	09/14/2020	2020	Protective
05	IL	DEPUE/NEW JERSEY ZINC/MOBIL CHEMICAL CORP.	Statutory	06/24/2020	2020	Short-Term Protective
05	MI	DUELL & GARDNER LANDFILL	Statutory	03/03/2020	2020	Protective
05	IL	EAGLE ZINC CO DIV T L DIAMOND	Statutory	07/30/2020	2020	Protective
05	IN	FISHER-CALO	Statutory	08/24/2020	2020	Protectiveness Deferred
05	WI	FOX RIVER NRDA/PCB RELEASES	Statutory	11/25/2019	2019	Not Protective
05	IN	GALEN MYERS DUMP/DRUM SALVAGE	Statutory	08/25/2020	2020	Short-Term Protective
05	IL	GALESBURG/KOPPERS CO.	Statutory	09/14/2020	2020	Short-Term Protective
05	IL	HEGELER ZINC	Statutory	09/14/2020	2020	Short-Term Protective
05	MI	HI-MILL MANUFACTURING CO.	Statutory	09/30/2020	2020	Protectiveness Deferred
05	MI	IONIA CITY LANDFILL	Statutory	07/06/2020	2020	Short-Term Protective
05	MI	K&L AVENUE LANDFILL	Statutory	04/03/2020	2019	Short-Term Protective
05	MI	KENTWOOD LANDFILL	Statutory	10/18/2019	2020	Short-Term Protective
05	MI	KYSOR INDUSTRIAL CORP.	Statutory	08/28/2020	2020	Short-Term Protective
05	IN	LAKELAND DISPOSAL SERVICE, INC.	Statutory	06/19/2020	2020	Protective
05	WI	LEMBERGER LANDFILL, INC.	Statutory	07/20/2020	2020	Short-Term Protective
05	WI	LEMBERGER TRANSPORT & RECYCLING	Statutory	07/20/2020	2020	Short-Term Protective
05	IN	LEMON LANE LANDFILL	Policy	05/18/2020	2020	Protective
05	IN	MARION (BRAGG) DUMP	Statutory	09/04/2020	2020	Short-Term Protective
05	WI	MASTER DISPOSAL SERVICE LANDFILL	Statutory	04/16/2020	2020	Protective
05	OH	MIAMI COUNTY INCINERATOR	Statutory	06/09/2020	2020	Protective
05	MI	MICHIGAN DISPOSAL SERVICE (CORK STREET LANDFILL)	Statutory	09/29/2020	2020	Short-Term Protective
05	IN	MIDCO II	Statutory	01/14/2020	2019	Short-Term Protective
05	IL	MIG/DEWANE LANDFILL	Statutory	12/11/2019	2020	Short-Term Protective
05	WI	MOSS-AMERICAN CO., INC. (KERR-MCGEE OIL CO.)	Statutory	12/11/2019	2020	Short-Term Protective
05	IN	NINTH AVENUE DUMP	Statutory	06/03/2020	2020	Short-Term Protective
05	MN	NL INDUSTRIES/TARACORP/GOLDEN AUTO	Statutory	01/28/2020	2020	Short-Term Protective
05	WI	NORTHERN ENGRAVING CO.	Statutory	03/12/2020	2020	Short-Term Protective
05	WI	PENTA WOOD PRODUCTS	Statutory	06/17/2020	2020	Short-Term Protective
05	OH	PETERS CARTRIDGE FACTORY	Statutory	03/16/2020	2020	Short-Term Protective
05	MN	PINE BEND SANITARY LANDFILL	Statutory	02/03/2020	2020	Protective
05	MI	PMC GROUNDWATER	Statutory	03/05/2020	2020	Short-Term Protective

Region	State	Site Name	FYR Type	Date Completed	Fiscal Year Due	Protectiveness Determination <sup>a</sup>
05	MI	RASMUSSEN'S DUMP	Statutory	03/20/2020	2020	Short-Term Protective
05	OH	REILLY TAR & CHEMICAL CORP. (DOVER PLANT)	Statutory	05/20/2020	2020	Short-Term Protective
05	IN	REILLY TAR & CHEMICAL CORP. (INDIANAPOLIS PLANT)	Statutory	02/03/2020	2020	Short-Term Protective
05	MI	ROCKWELL INTERNATIONAL CORP. (ALLEGAN PLANT)	Statutory	04/24/2020	2020	Short-Term Protective
05	WI	SAUK COUNTY LANDFILL	Statutory	09/30/2020	2020	Short-Term Protective
05	WI	SHEBOYGAN HARBOR & RIVER	Statutory	08/21/2020	2019	Not Protective
05	WI	SPICKLER LANDFILL	Statutory	05/26/2020	2020	Short-Term Protective
05	MN	ST. REGIS PAPER CO.	Statutory	07/16/2020	2020	Not Protective
05	MI	STURGIS MUNICIPAL WELLS	Policy	06/29/2020	2020	Protectiveness Deferred
05	MI	THERMO-CHEM, INC.	Statutory	07/27/2020	2020	Short-Term Protective
05	IN	TIPPECANOE SANITARY LANDFILL, INC.	Statutory	09/30/2020	2020	Short-Term Protective
05	WI	TOMAH MUNICIPAL SANITARY LANDFILL	Statutory	01/02/2020	2020	Short-Term Protective
05	MI	U.S. AVIEX	Statutory	02/03/2020	2020	Short-Term Protective
05	MN	WAITE PARK WELLS	Statutory	06/24/2020	2020	Protectiveness Deferred
05	WI	WAUSAU GROUND WATER CONTAMINATION	Policy	04/09/2020	2020	Protectiveness Deferred
05	MN	WINDOM DUMP	Statutory	04/14/2020	2020	Short-Term Protective
05	IL	WOODSTOCK MUNICIPAL LANDFILL	Statutory	09/29/2020	2019	Short-Term Protective
06	LA	AMERICAN CREOSOTE WORKS, INC. (WINNFIELD PLANT)	Statutory	03/16/2020	2020	Short-Term Protective
06	TX	BAILEY WASTE DISPOSAL	Statutory	06/09/2020	2020	Short-Term Protective
06	TX	BIO-ECOLOGY SYSTEMS, INC.	Policy	06/09/2020	2020	Protective
06	TX	CRYSTAL CHEMICAL CO.	Statutory	09/17/2020	2020	Short-Term Protective
06	TX	EAST 67TH STREET GROUND WATER PLUME	Statutory	09/23/2020	2020	Will be Protective
06	LA	GULF STATE UTILITIES-NORTH RYAN STREET	Statutory	11/12/2019	2020	Protective
06	OK	HUDSON REFINERY	Statutory	02/11/2020	2020	Protective
06	AR	JACKSONVILLE MUNICIPAL LANDFILL	Statutory	09/25/2020	2020	Protective
06	AR	MOUNTAIN PINE PRESSURE TREATING	Statutory	09/29/2020	2020	Short-Term Protective
06	NM	NORTH RAILROAD AVENUE PLUME	Policy	08/16/2020	2020	Short-Term Protective
06	NM	PREWITT ABANDONED REFINERY	Statutory	05/27/2020	2020	Short-Term Protective
06	AR	ROGERS ROAD MUNICIPAL LANDFILL	Statutory	09/25/2020	2020	Protective
06	TX	RSR CORPORATION	Statutory	08/19/2020	2020	Short-Term Protective
06	OK	SAND SPRINGS PETROCHEMICAL COMPLEX	Statutory	03/26/2020	2020	Protective
06	TX	SANDY BEACH ROAD GROUND WATER PLUME	Statutory	09/14/2020	2020	Will be Protective
06	TX	SHERIDAN DISPOSAL SERVICES	Statutory	07/06/2020	2020	Protective

Region	State	Site Name	FYR Type	Date Completed	Fiscal Year Due	Protectiveness Determination <sup>a</sup>
06	TX	SOL LYNN/INDUSTRIAL TRANSFORMERS	Statutory	09/11/2020	2020	Protectiveness Deferred
06	NM	SOUTH VALLEY	Statutory	03/25/2020	2020	Protective
06	LA	SOUTHERN SHIPBUILDING	Statutory	12/09/2019	2020	Short-Term Protective
06	OK	TAR CREEK (OTTAWA COUNTY)	Statutory	09/28/2020	2020	Will be Protective
06	TX	TEX-TIN CORP.	Statutory	09/18/2020	2020	Short-Term Protective
06	TX	UNITED CREOSOTING CO.	Statutory	09/23/2020	2020	Protectiveness Deferred
07	NE	10TH STREET SITE	Statutory	07/09/2020	2020	Short-Term Protective
07	KS	29TH & MEAD GROUND WATER CONTAMINATION	Statutory	09/09/2020	2020	Short-Term Protective
07	MO	BIG RIVER MINE TAILINGS/ST. JOE MINERALS CORP.	Statutory	03/02/2020	2020	Will be Protective
07	NE	BRUNO CO-OP ASSOCIATION/ASSOCIATED PROPERTIES	Policy	08/25/2020	2020	Protective
07	KS	CHEROKEE COUNTY	Statutory	09/08/2020	2020	Protectiveness Deferred
07	MO	FINDETT CORP.	Statutory	07/20/2020	2020	Protectiveness Deferred
07	MO	FULBRIGHT LANDFILL	Statutory	09/08/2020	2020	Short-Term Protective
07	IA	IOWA CITY FMGP	Statutory	02/10/2020	2020	Protective
07	IA	LABOUNTY	Statutory	05/20/2020	2020	Protective
07	IA	LAWRENCE TODTZ FARM	Statutory	09/21/2020	2020	Short-Term Protective
07	MO	NEWTON COUNTY MINE TAILINGS	Statutory	11/05/2019	2020	Will be Protective
07	NE	PARKVIEW WELL	Statutory	06/16/2020	2020	Protective
07	MO	RIVERFRONT	Statutory	11/15/2019	2020	Protectiveness Deferred
07	IA	SHAW AVENUE DUMP	Statutory	05/20/2020	2020	Protective
07	IA	SHELLER-GLOBE CORP. DISPOSAL	Statutory	06/05/2020	2020	Protectiveness Deferred
07	MO	SOUTHWEST JEFFERSON COUNTY MINING	Statutory	06/19/2020	2020	Will be Protective
07	MO	ST. LOUIS AIRPORT/HAZELWOOD INTERIM STORAGE/FUTURA COATINGS CO.	Statutory	08/17/2020	2020	Protectiveness Deferred
08	MT	ANACONDA CO. SMELTER	Statutory	09/25/2020	2020	Will be Protective
08	CO	FRENCH GULCH	Discretionary	09/08/2020	2020	Not Protective
08	MT	IDAHO POLE CO.	Statutory	09/30/2020	2020	Short-Term Protective
08	UT	JACOBS SMELTER	Statutory	09/23/2020	2020	Short-Term Protective
08	MT	LIBBY ASBESTOS SITE	Statutory	06/22/2020	2020	Short-Term Protective
08	MT	LIBBY GROUND WATER CONTAMINATION	Statutory	07/16/2020	2020	Short-Term Protective
08	CO	SAND CREEK INDUSTRIAL	Statutory	09/28/2020	2020	Protectiveness Deferred
08	CO	STANDARD MINE	Statutory	06/10/2020	2020	Will be Protective
08	CO	SUMMITVILLE MINE	Statutory	09/25/2020	2020	Not Protective
08	CO	URAVAN URANIUM PROJECT (UNION CARBIDE CORP.)	Statutory	09/15/2020	2020	Short-Term Protective

Region	State	Site Name	FYR Type	Date Completed	Fiscal Year Due	Protectiveness Determination <sup>a</sup>
09	CA	APPLIED MATERIALS	Statutory	09/22/2020	2020	Protective
09	CA	CTS PRINTEX, INC.	Policy	09/29/2020	2020	Protective
09	CA	DEL AMO	Statutory	09/29/2020	2020	Short-Term Protective
09	HI	DEL MONTE CORP. (OAHU PLANTATION)	Statutory	08/28/2020	2020	Protective
09	CA	DEL NORTE PESTICIDE STORAGE	Statutory	09/21/2020	2020	Protective
09	CA	FRESNO MUNICIPAL SANITARY LANDFILL	Statutory	08/28/2020	2020	Short-Term Protective
09	CA	HEWLETT-PACKARD (620-640 PAGE MILL ROAD)	Statutory	09/11/2020	2020	Short-Term Protective
09	CA	INTERSIL INC./SIEMENS COMPONENTS	Policy	09/28/2020	2020	Short-Term Protective
09	CA	J.H. BAXTER & CO.	Statutory	09/24/2020	2020	Protective
09	CA	LIQUID GOLD OIL CORP.	Statutory	08/28/2020	2020	Short-Term Protective
09	CA	LORENTZ BARREL & DRUM CO.	Statutory	09/24/2020	2020	Protective
09	CA	MONTROSE CHEMICAL CORP.	Statutory	09/29/2020	2020	Short-Term Protective
09	AZ	MOUNTAIN VIEW MOBILE HOME ESTATES	Statutory	08/07/2020	2020	Protective
09	AZ	NINETEENTH AVENUE LANDFILL	Statutory	08/07/2020	2020	Protective
09	CA	OPERATING INDUSTRIES, INC., LANDFILL	Statutory	09/24/2020	2020	Short-Term Protective
09	CA	PEMACO MAYWOOD	Statutory	09/22/2020	2020	Short-Term Protective
09	AZ	PHOENIX-GOODYEAR AIRPORT AREA	Statutory	09/18/2020	2020	Protective
09	CA	ROCKETS, FIREWORKS, AND FLARES SITE	Statutory	08/28/2020	2020	Will be Protective
09	CA	SOUTH BAY ASBESTOS AREA	Statutory	09/21/2020	2020	Protective
09	CA	SOUTHERN CALIFORNIA EDISON CO. (VISALIA POLEYARD)	Statutory	09/11/2020	2020	Protective
10	WA	COAL CREEK AKA ROSS ELECTRIC	Statutory	08/25/2020	2020	Short-Term Protective
10	WA	COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS	Statutory	04/22/2020	2020	Not Protective
10	ID	EASTERN MICHAUD FLATS CONTAMINATION	Statutory	09/23/2020	2020	Not Protective
10	WA	HARBOR ISLAND (LEAD)	Statutory	09/16/2020	2020	Short-Term Protective
10	AK	KETCHIKAN PULP COMPANY	Statutory	08/11/2020	2020	Protectiveness Deferred
10	WA	MIDWAY LANDFILL	Statutory	08/28/2020	2020	Protectiveness Deferred

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

<b>Non-FF FYRs Not Yet Complete in FY 2020</b>
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<b>Region</b>	<b>State</b>	<b>Site Name</b>	<b>FYR Type</b>	<b>Fiscal Year Due</b>
05	IL	BELVIDERE MUNICIPAL LANDFILL	Statutory	2020
05	OH	CHEM-DYNE	Statutory	2020
05	WI	CITY DISPOSAL CORP. LANDFILL	Statutory	2020
05	IL	H.O.D. LANDFILL	Statutory	2020

## Attachment 2

### FY 2020 Superfund FYR Report to Congress FYRs at FF NPL Sites

#### FF FYRs Completed in FY 2020

Region	State	Site Name	FYR Type	Date Completed	Fiscal Year Due	Protectiveness Determination <sup>a</sup>
01	ME	BRUNSWICK NAVAL AIR STATION	Statutory	09/29/2020	2020	Short-Term Protective
01	MA	FORT DEVENS	Statutory	09/25/2020	2020	Protectiveness Deferred
01	ME	LORING AIR FORCE BASE	Statutory	09/25/2020	2020	Short-Term Protective
01	RI	NEWPORT NAVAL EDUCATION & TRAINING CENTER	Statutory	12/18/2019	2020	Protectiveness Deferred
02	NY	GRIFFISS AIR FORCE BASE (11 AREAS)	Statutory	09/11/2020	2020	Short-Term Protective
02	NY	PLATTSBURGH AIR FORCE BASE	Statutory	11/14/2019	2020	Protective
03	VA	ST. JULIENS CREEK ANNEX (U.S. NAVY)	Statutory	05/15/2020	2020	Protective
04	AL	ANNISTON ARMY DEPOT (SOUTHEAST INDUSTRIAL AREA)	Statutory	09/21/2020	2020	Protectiveness Deferred
04	NC	CAMP LEJEUNE MILITARY RES. (USNAVY)	Statutory	08/31/2020	2020	Will be Protective
04	FL	HOMESTEAD AIR FORCE BASE	Policy	09/24/2020	2020	Short-Term Protective
04	TN	MILAN ARMY AMMUNITION PLANT	Statutory	09/24/2020	2020	Short-Term Protective
04	SC	PARRIS ISLAND MARINE CORPS RECRUIT DEPOT	Statutory	09/15/2020	2020	Protective
05	IL	SAVANNA ARMY DEPOT ACTIVITY	Statutory	07/13/2020	2020	Will be Protective
06	NM	CAL WEST METALS (USSBA)	Statutory	05/07/2020	2020	Protective
06	NM	LEE ACRES LANDFILL (USDOJ)	Statutory	04/06/2020	2020	Short-Term Protective
07	NE	CORNHUSKER ARMY AMMUNITION PLANT	Statutory	09/14/2020	2020	Protectiveness Deferred
07	MO	LAKE CITY ARMY AMMUNITION PLANT (NORTHWEST LAGOON)	Statutory	09/04/2020	2020	Short-Term Protective
07	MO	WELDON SPRING FORMER ARMY ORDNANCE WORKS	Statutory	09/30/2020	2020	Protectiveness Deferred
08	SD	ELLSWORTH AIR FORCE BASE	Statutory	09/02/2020	2020	Short-Term Protective
08	WY	F.E. WARREN AIR FORCE BASE	Statutory	02/10/2020	2020	Protectiveness Deferred
09	CA	CONCORD NAVAL WEAPONS STATION (Military Ocean Terminal Concord (MOTCO))	Statutory	09/25/2020	2020	Protectiveness Deferred
09	CA	MATHER AIR FORCE BASE (AC&W DISPOSAL SITE)	Statutory	09/30/2020	2020	Protectiveness Deferred
09	CA	MOFFETT FIELD NAVAL AIR STATION	Statutory	08/07/2020	2020	Short-Term Protective

Region	State	Site Name	FYR Type	Date Completed	Fiscal Year Due	Protectiveness Determination <sup>a</sup>
09	HI	NAVAL COMPUTER AND TELECOMMUNICATIONS AREA MASTER STATION EASTERN PACIFIC	Statutory	09/18/2020	2020	Protective
09	CA	NORTON AIR FORCE BASE (LNDFLL #2)	Statutory	09/28/2020	2020	Protectiveness Deferred
09	CA	TRACY DEFENSE DEPOT (USARMY)	Statutory	09/30/2020	2020	Short-Term Protective
09	AZ	YUMA MARINE CORPS AIR STATION	Statutory	05/01/2020	2020	Protective
10	OR	FREMONT NATIONAL FOREST/WHITE KING AND LUCKY LASS URANIUM MINES (USDA)	Statutory	09/23/2020	2020	Short-Term Protective
10	WA	PORT HADLOCK DETACHMENT (USNAVY)	Statutory	06/17/2020	2020	Protective
10	OR	UMATILLA ARMY DEPOT (LAGOONS)	Statutory	09/30/2020	2020	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 2020, 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 2020 FYRs where EPA made an independent finding of protectiveness.

Independent Finding of Protectiveness for FF FYRs Completed in FY 2020			
Site	Lead Federal Agency	Protectiveness Determination made by EPA	Reason for Independent Finding of the Protectiveness
R1 – Fort Devens, MA	Army	Protectiveness Deferred	Army provided insufficient information to determine protectiveness for Operable Units 2 and 9.
R2 – Griffiss Air Force Base (11 Areas), NY	Air Force	Short-Term Protective	Air Force did not submit a report to EPA or the State of New York by the statutory due date.
R4 – Milan Army Ammunition Plant, TN	Army	Short-Term Protective	Army's Operable Units 2 and 5 have increases of RDX concentrations in groundwater.

<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 made by EPA	Reason for Independent Finding of the Protectiveness
R4 – Anniston Army Depot (Southeast Industrial Area), AL	Army	Protectiveness Deferred	Army must collect additional data for Operable Unit 3 regarding whether the total chromium or hexavalent chromium are contaminants of concern and perform a risk screening of recent contaminant data.
R7 – Cornhusker Army Ammunition Plant, NE	Army	Protectiveness Deferred	Army has not addressed the potential presence of perchlorate in Operable Unit 1 and the ecological risks for Operable Units 2, 3, and 4.
R7 – Weldon Spring Former Army Ordnance Works, MO	Army	Protectiveness Deferred	Army technical assessment of the protectiveness of the remedy for Operable Unit 1 is inadequate.
R9 – Norton Air Force Base (LND FLL #2), CA	Air Force	Protectiveness Deferred	Air Force has not addressed the potential of exposure to PFAS contamination in the groundwater and soils in Operable Unit 1 and Operable Unit 2.
R9 – Concord Naval Weapons Station (Military Ocean Terminal Concord, (MOTCO)), CA	Army	Protectiveness Deferred	Army did not address several of EPA’s critical comments and did not provide the final report to EPA or the State of California by the statutory due date.
R10 – Umatilla Army Depot (Lagoons), OR	Army	Not Protective	Army has not addressed munitions and explosives of concern identified on private property outside the installation fence line. Army has not investigated PFAS in the groundwater at the active landfill and the ammunition demolition activity OU. Army has not provided EPA and the State of Oregon with a report for review by the statutory due date.

### Attachment 3

#### FY 2020 Superfund FYR Report to Congress Explanation of Terms Used in Attachments 1 and 2

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.