

Status of Notifications to Agricultural Operations for Fiscal Year 2023



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Office of the Assistant Secretary of Defense
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Status of Agricultural Operation Notifications

I. INTRODUCTION

Section 335(d), of the William M. Mac Thornberry National Defense Authorization Act (NDAA) for Fiscal Year (FY) 2021 (Public Law 116-283), requests the Secretary of Defense to provide an annual report on the Department of Defense's (DoD's) status of providing notifications to agricultural operations located within one mile down gradient of a Military Installation or National Guard facility where a "covered" per- and polyfluoroalkyl substances (PFAS)¹ (1) has been detected in groundwater on base; (2) has been hydrologically linked to a local agricultural or drinking water source; and (3) is known or suspected to be the result of a PFAS release at a Military Installation or National Guard facility located in the United States. This report covers the notifications sent to agricultural operations from April 1, 2022, through March 31, 2023.

II. BACKGROUND

PFAS is a national issue that requires national solutions. Under section 335(a) of the NDAA for FY 2021, DoD was required to provide one-time notifications to certain agricultural operations that alerted them to DoD PFAS sampling information. DoD worked in consultation with the U.S. Department of Agriculture to obtain names and addresses of agricultural operations near Military Installations or National Guard facilities. DoD then reviewed its data from the installations where we are conducting PFAS cleanup assessments to determine if on-installation groundwater could be hydrologically connected to down gradient agricultural operations within one mile of the installation. DoD was required to provide updated test results to agricultural operations that received a notice under section 335(a) and to submit an annual report to Congress under section 335(d). In order to increase transparency of data sharing, DoD extended the notification requirements in section 335(a), to groundwater sampling performed after section 335 the FY 2021 NDAA was enacted. See DoD's memorandum on *Agricultural Operations Notifications and Reporting Requirement* dated November 5, 2021.

III. STATUS OF AGRICULTURAL OPERATIONS NOTIFICATIONS

The Department notified agricultural operations consistent with the requirement in section 335 of the NDAA for FY 2021.

During the period of April 1, 2022, through March 31, 2023, the DoD Components have sent notifications to 367 identified agricultural operations consistent with section 335 of the NDAA for FY 2021. The DoD Components also sent pertinent updated information to 286 previously notified agricultural operations in accordance with section 335(c). The appendix provides the number and approximate locations of agricultural operations notified; the associated Military Installation or National Guard facility; and the covered PFAS and levels detected in groundwater on base. Since March 1, 2021, the Department has sent notifications to 3,911

¹ "Covered PFAS" is defined as perfluorooctane sulfonate (PFOS) that has been detected in groundwater above 70 parts per trillion (ppt), individually or in combination with perfluorooctanoic acid (PFOA); and/or PFOA that has been detected in groundwater above 70 ppt, individually or in combination with PFOS; and/or perfluorobutanesulfonic acid that has been detected in groundwater above 40 parts per billion.

agricultural operations. Providing these agricultural notifications does not necessarily mean that PFAS is in the groundwater at the agricultural location or that cleanup is required.

IV. CONCLUSION

The DoD Components will continue to prioritize this effort and send additional notifications as agricultural operations are identified consistent with section 335 of the NDAA for FY 2021.

Appendix: Status of Agricultural Operational Notifications

State	Installation	City	DoD Component	Installation Type	Number of New Notifications Sent between April 1, 2022 and March 31, 2023 ¹	Number of Updated Testing Notifications a Sent between April 1, 2022 and March 31, 2023 ¹	PFOS Range Detected (ppt) ²	PFOA Range Detected (ppt) ²	PFBS Range Detected (ppb) ²
Arizona	YUMA AZ MCAS	Yuma	USMC	Active	7	8	ND - 7,070	ND - 10,200	ND - 2.54
California	LEMOORE NAS	Lemoore	Navy	Active	62	0	ND - 81,000 J	11 - 1,000,000 J	ND - 13 J
Colorado	Buckley AFB	Aurora	Air Force	Active	0	23	70 - 120,000	70 - 190,000	-
Florida	WHITING FLD FL NAS	Milton	Navy	Active	31	0	ND - 53,600	ND - 17,400	ND - 0.579
Georgia	KINGS BAY	Kings Bay	Navy	Active	3	0	ND - 41,600	ND - 881	ND - 0.159
Illinois	Springfield Municipal (Capital)	Springfield	Air Force	National Guard	0	9	67.8 - 13,100	156 - 1,620	-
Maine	Loring AFB	Limestone	Air Force	BRAC	0	29	70.5 - 9,490	72.3 - 2,340	41.2 - 259
Mississippi	MERIDIAN MS NAS	Meridian	Navy	Active	12	0	0.66 J - 125,000	ND - 38,000 A	ND - 8.2
Mississippi	GULFPORT MS NCBC	Gulfport	Navy	Active	0	5	ND - 68.8	ND - 2470	ND - 0.035
Nevada	FALLON NAS	Navy	Navy	Active	44	0	ND - 670,000 J	ND - 1,000,000	ND - 34 J
New Mexico	Cannon AFB	Clovis	Air Force	Active	0	11	81 - 29,700	71 - 3,100	-
New Mexico	Holloman AFB	Alamogordo	Air Force	Active	0	4	24.1 - 1,040,000	115 - 266,000	226
North Carolina	CAMP LEJEUNE NC MCB	Camp Lejeune	USMC	Active	36	0	ND - 172,748.8	ND - 25,100	ND - 16.2
North Carolina	CHERRY POINT NC MCAS	Cherry Point	USMC	Active	18	0	ND - 266	ND - 142	ND - 0.025
Pennsylvania	MECHANISCSURG NSA	Mechanicsburg	Navy	Active	11	0	ND - 2780	ND - 132	ND - 0.0815
South Carolina	MCAS BEAUFORT	Beaufort	USMC	Active	75	0	ND - 1,100,00	2.4 - 182,000	ND - 15
Texas	Reese AFB	Lubbock	Air Force	BRAC	0	45	70 - 1,860	70 - 8,750	-
Utah	Hill AFB	Ogden	Air Force	Active	0	71	73 - 91,000	70 - 11,000	-
Virginia	CHESAPEAKE VA NSGA NW	Chesapeake	Navy	Active	14	0	0.18 - 15,221	0.18 - 230	0.00018 - 0.207
Virginia	NMC DET YORKTOWN	Yorktown	Navy	Active	1	1	ND - 5460	ND - 148,000	ND - 1.01
Virginia	NORFOLK VA FISC	Norfolk	Navy	Active	0	4	ND - 854	ND - 154	ND - 0.039
Washington	WHIDBEY IS WA NAS	Oak Harbor	Navy	Active	0	73	ND - 77,200	ND - 81,200	ND - 3.37
Washington	BREMERTON WA NAVBASE	Bremerton	Navy	Active	0	3	ND - 19.39	ND - 200	ND - 0.063
Washington	JB Lewis McChord - Yakima Training Center	Yakima	Army	Active	53	0	ND - 45000	ND - 5200	ND - 5.9

Total Notifications Sent:

367

286

ND - Non-detect

J - The reported result is an estimate. The value is less than the minimum calibration level but greater than the estimated detection limit.

Footnotes:

- 1: The agricultural operations notified are located within one mile down gradient of a Military Installation or National Guard facility where covered per- and polyfluoroalkyl substances (PFAS) (1) has been detected in groundwater on base; (2) has been hydrologically linked to a local agricultural or drinking water source; and (3) is known or suspected to be the result of a PFAS release at a Military Installation or National Guard facility located in the United States.
- 2: Section 335 of the NDAA for FY 2021 defines "covered PFAS" as perfluorooctane sulfonate (PFOS) that has been detected in groundwater above 70 parts per trillion (ppt), individually or in combination with perfluorooctanoic acid (PFOA); and/or PFOA that has been detected in groundwater above 70 ppt, individually or in combination with PFOS; and/or perfluorobutanesulfonic acid (PFBS) that has been detected in groundwater above 40 parts per billion.