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QUARTERLY STATUS REPORT FOR ADMINISTRATIVE ORDER SDWA-03-2014-0230-DS  
NAWC WARMINSTER PA  
10/3/2014  
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**Quarterly Status Report**  
**Administrative Order Dated July 7, 2014**  
**(Effective July 14, 2014)**  
**Docket No. SDWA-03-2014-0230-DS**

This quarterly status report provides a summary of the work performed by the Navy, associated entities, and U.S EPA [via an Interagency Agreement (IA) with the Navy] over the period of July 7, 2014 through October 3, 2014.

**SUMMARY OF ACTIVITIES**

Upon receipt of the Administrative Order (AO), the Navy notified EPA of their intent to comply with the AO and designated a Technical Project Coordinator (Mr. Willington Lin). In addition, per the AO the Navy retained a Supervising Contractor (Tetra Tech, Inc.) and identified the primary contact person for the Supervising Contractor (Mr. Jeff Orient).

During the reporting period, treatment plans were prepared and submitted for both public and private water systems. Public water supply wells were sampled and residential water systems were identified and sampled by EPA under the IA. The Navy has entered formal discussions with Warminster Township Municipal Authority (WTMA) to provide activated carbon filtration for water supply wells WMA-10, WMA-13, and WMA-26. In addition, the Navy and WTMA are also working on an agreement to extend the municipal water distribution lines to select areas near the former NAWC where public water is not currently available. Cost negotiations between the Navy and WTMA for this work are currently underway. In addition, temporary treatment was installed on WTMA-26 and the well resumed pumping to the WMTA sewage treatment system in July 2014.

A public meeting was held on August 27, 2014 at William Tennant High School in Warminster, PA to provide information to local residents regarding the detections of PFOA and/or PFOS in public and private water supplies and how the Navy plans to address this issue moving forward. 140 attendees were at the public meeting.

The following provides additional detail regarding the quarter's activities.

**PUBLIC WATER SUPPLIES**

**Monitoring:** The following six public water supply (PWS) wells were sampled during this period:

PWS Well	Use	Date Sampled	Results, ug/l	
			PFOS	PFOA
NBCMA #1	Public Supply	7/22/2014	0.0113 J	0.00418 J
NBCMA #12	Public Supply	7/22/2014	0.0113 J	0.00396 J
Warwick #7	Irrigation	7/24/2014	ND	ND

Warwick #9	Not in use	8/7/2014	0.0248 J	0.0110 J
Warwick #10	Not in use	8/7/2014	0.0209 J	0.0188 J
Warwick #11	Not in use	7/29/2014	0.151	0.0456

**Treatment/Alternate Water Supply:** A Water Treatment Plan for WTMA public water supply wells WMA-10, WMA-13, and WMA-26 was prepared by the Navy, submitted to EPA on August 11, 2014, and was subsequently accepted by EPA. The Navy is currently in the process of implementing the approved plan through an agreement currently being negotiated with WTMA. In accordance with the plan, the following PWS wells will be provided with carbon treatment:

- WMA-10
- WMA-13
- WMA-26

### PRIVATE WATER SYSTEMS

**Monitoring:** Ninety four private wells were sampled during the July 7 – September 29 time period. The EPA collected the samples, provided for analysis, validation and reporting of initial results to the private well owners through the IA. The private well owner contact information and analytical results are excluded from this public document. As of September 29, 2014, ten private wells have analytical results for PFOS at or above the provisional health advisory level and are being provided alternate water by the EPA.

**Treatment/Alternate Water Supply:** A Private Water System Water Treatment Plan was submitted for EPA review on August 22, 2014, and review comments on the plan were provided by EPA on September 8, 2014. Pending clarification of a few issues being discussed internally at EPA, a revised version of the plan will be submitted to EPA by the Navy. The Navy has awarded a contract to Tetra Tech EC for implementation of residential water system connections to public water supply and/or installation of treatment systems. The connection work in the Newtown Road area is on hold until WTMA extends the water distribution line into this area, which is part of the ongoing negotiations between the Navy and WTMA. Pending the agreement and subsequent distribution line installation, the individual residential water connection timetable will be updated.

No residences were offered or provided with long-term treatment and/or a permanent alternate water supply (PWS hookup) during this time period, nor was any private water system sampling performed. This work will be initiated following finalization of the Private Water System Water Treatment Plan.

### UPCOMING ACTIVITIES FOR THE NEXT REPORTING PERIOD

Over the next 3 months, the Navy plans to perform the following activities:

- Complete agreements with WTMA for public well activated carbon treatment system installations for wells WMA-10, WMA-13, and WMA 26, and for water line extension in the Newtown Road area, and initiate the associated work.

- Continue with sampling of residential water systems (through the IA with EPA) and public water supply wells, and continue to supply affected residences with bottled water until permanent solutions can be implemented.
- Provide official notification of validated analytical results to private well owners, and begin implementation of the private water systems treatment plan upon approval by EPA.
- Provide a sampling and analysis plan to EPA and PADEP for a remedial investigation of PFCs.

The next reporting period will cover the October 4, 2014 to January 2, 2015 time frame.

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