

Newberry Township Meeting PFOS/PFOA

June 13, 2019

John Hollenbach



A WORLD LEADER IN SUSTAINABLE RESOURCE MANAGEMENT



Present on **5 continents**

90,000+ employees

\$19.6 billion revenue in 2017

31% of revenue generated outside Europe

\$142 million global research & innovation budget

SUEZ – a single brand serving the circular economy

SUEZ: 2nd LARGEST ENVIRONMENTAL SERVICES FIRM IN NORTH AMERICA



SUEZ North America Overview

SUEZ Action Plan Regarding Emerging Contaminants

- **For those regulated substances that already have a Maximum Contaminant levels (MCL), SUEZ completes daily analysis of its treated water to ensure compliance with the Safe Drinking Water regulations.**
- **PFOS/PFOA is only one of many emerging substances the regulators and water industry are investigating.**
- **SUEZ's professional water quality experts, strong vendor relationships (Calgon & Evoqua); participating in research projects with the Research Foundation participating with New Jersey Institute of Technology.**
- **SUEZ has been working with vendors to analyze our water and collect data to determine the best available treatment options for PFOS/PFOA removal. Effective treatment is still being developed to ensure removal as well as compatibility with existing treatment processes.**

Newberry PFOS/PFOA Timeline

- **March 12th** PA DEP notified SUEZ PA that DEP received results from a customer's who sampled their water for PFOA/PFAS. SUEZ and DEP agree on area impacted
- **April 3rd** SUEZ and DEP meet to discuss emergency permit for providing on site treatment as a precautionary measure.
- **April 8th** PA receives emergency permit
- **April 11th** SUEZ mails Public Notification to customers
- **April 12th** New carbon treatment units are installed and operational
- **April 17th** SUEZ and DEP collected system samples:
- **April 22nd** – SUEZ attend public meeting at request of Newberry Township
- **May 1** Letter sent to all Newberry Customers with test results.

Newberry Test Results

PWSID 7670061
SUEZ Newberry System
Permit Required Weekly GAC Treatment Results

Date	Location	Supply	PFOS	PFOA
4/16/2019	Between Lead & Lag Units	101	ND	ND
	Lead Vessel 1/2 Way Port	101	ND	ND
	Between Lead & Lag Units	102	ND	ND
	Lead Vessel 1/2 Way Port	102	ND	ND
4/23/2019	Between Lead & Lag Units	101	ND	ND
	Lead Vessel 1/2 Way Port	101	ND	ND
	Between Lead & Lag Units	102	ND	ND
	Lead Vessel 1/2 Way Port	102	ND	ND
5/2/2019	Between Lead & Lag Units	101	ND	ND
	Lead Vessel 1/2 Way Port	101	ND	ND
	Between Lead & Lag Units	102	ND	ND
	Lead Vessel 1/2 Way Port	102	ND	ND
5/7/2019	Between Lead & Lag Units	101	ND	ND
	Lead Vessel 1/2 Way Port	101	ND	ND
	Between Lead & Lag Units	102	ND	ND
	Lead Vessel 1/2 Way Port	102	ND	ND
5/14/2019	Between Lead & Lag Units	101	ND	ND
	Lead Vessel 1/2 Way Port	101	ND	ND
	After Lag*	101	ND	ND
	Between Lead & Lag Units	102	ND	ND
	Lead Vessel 1/2 Way Port	102	ND	ND
	After Lag*	102	ND	ND
5/21/2019	Between Lead & Lag Units	101	ND	ND
	Lead Vessel 1/2 Way Port	101	ND	ND
	Between Lead & Lag Units	102	ND	ND
	Lead Vessel 1/2 Way Port	102	ND	ND
5/29/2019	Between Lead & Lag Units	101	ND	ND
	Lead Vessel 1/2 Way Port	101	ND	ND
	Between Lead & Lag Units	102	ND	ND
	Lead Vessel 1/2 Way Port	102	ND	ND

All samples analyzed by Eurofins

Wells with no carbon treatment

Site	Total ppt (PFOS+PFOA)
Well 006	17.5
Well 007	7.6
Well 008	7.5
Well 009	13.6
Well 010	13.3
Well 011	2.7
Average	10.4



Letter to Customers

May 1, 2019

RE: Newberry water system test results

Dear Customer:

We previously mailed a public notice to approximately 1,500 Newberry Township customers regarding information about their drinking water. The notice, prepared in cooperation with the Pennsylvania Department of Environmental Protection (DEP), stated that a portion of the SUEZ Water Newberry system may have levels of PFOS and PFOA above lifetime Health Advisory Levels established by the U.S. Environmental Protection Agency (EPA).

We are pleased to report to those customers that received the public notice that the carbon treatment installed by SUEZ has reduced the presence of Perfluorooctanoic Sulfonate (PFOS) and Perfluorooctanoic Acid (PFOA) to **non-detectable levels**.

SUEZ also tested water sources that serve our other Newberry Township customers and is equally pleased to report results that are no greater than 17 parts per trillion, **significantly below** the U.S. Environmental Protection Agency's Health Advisory Limit of 70 parts per trillion.

Perfluorooctanoic Sulfonate (PFOS) and Perfluorooctanoic Acid (PFOA) are chemicals that are part of a larger group referred to as perfluoroalkyl substances (PFAS). They are found in fire retardants, teflon cookware and water-repellent clothing.

We will continue to test for the presence of PFAS in our water sources serving your area. You have our assurance that your water quality is our highest priority.

Sincerely,

John Hollenbach

John D. Hollenbach
Vice President & General Manager



Suez Web site Info


PFOS & PFOA:


What you need to know

What are Perfluorochemicals (PFCs), PFOA and PFOS? 

Is EPA going to establish a national drinking water standard for PFOA and PFOS? 

Are the health advisory levels appropriate for all individuals (regardless of age)? 

Who is responsible for regulating PFCs in drinking water? 

Why are PFCs in the news? 

What is a part per trillion (ppt) equivalent to? 

<https://www.mysuezwater.com/node/3348066>

**Thank you for the opportunity to present and
we can now take questions?**

