03/18/2022

Douglas Ballotti – Director Superfund & Emergency Management Division
U.S. EPA, Region 5
77 W. Jackson Blvd.
Chicago, IL 60604

Under the authority of CERCLA Section 105 (d), as amended, the petitioners:

Ex. 5 Deliberative Process (DP)

Hereby request that Region 5 of the United States Environmental Protection Agency conduct a preliminary assessment of the suspected release of a hazardous substance(s), pollutant(s), or contaminant(s) at the **following locations**:

JCI/Tyco Fire Training Center Property:	2700 Industrial Pkwy S, Marinette, WI
JCI/Tyco Stanton Property:	1 Stanton St, Marinette, WI 54143

Ex. 9 Wells

Petitioner is affected by the release because:

Our properties are south east of the release locations and within a PFAS groundwater contamination plume resulting from over five decades of uncontrolled open ground testing with AFFF firefighting foams. Open ground testing of these firefighting foams has directly resulted in ground water, drinking water, surface water and air contamination which at the source is over 400,000 ppt. The groundwater contamination plume continues to migrate toward our homes and Lake Michigan's, Green Bay resulting in contamination of our drinking water wells. JCI/Tyco learned of the ground water and surface water contamination in 2013 and failed to report it to the Wisconsin Department of Natural Resources (WDNR) for over three more years and since that time have failed to fully remediate or provide permanent safe drinking water to the full investigation area. As a consequence to this horrific level of contamination our property values have declined, drastically reducing our financial security and our health has been impacted as a result of drinking from contaminated private drinking wells, inhalation from contaminated air and dermal absorption from decades of swimming in Green Bay. Cindy Boyle has had a complete thyroidectomy and her PFAS blood levels are five times higher than the national average.

Type or characteristics of the substances involved:
Cycle 11 PFAS testing has been done on the wells of both petitioners (as well as others) and there are numerous PFAS analytes detected at varying levels. PFOA, PFOS, and GENX PFAS compounds, etc. have all been released due to the extensive testing done by JCI/Tyco over five decades. These PFAS analytes have been studied in an epidemiology study of over 69,000 people (C8 Science Panel Study) and confirmed the following health links: thyroid disease, kidney cancer, testicular cancer, ulcerative colitis and preeclampsia. These PFAS analytes are also bio-accumulators and pervasive and persistent in the environment, commonly referred to as the 'forever chemical'.

Nature and history of any activities that have occurred regarding the release:

JCI/Tyco has been identified as the responsible party for this contamination, information can be found at:

https://dnr.wisconsin.gov/topic/PFAS/Marinette.html
https://dnr.wi.gov/botw/GetActivityDetail.do?siteId=1552500&adn=0238580694
https://dnr.wi.gov/botw/GetActivityDetail.do?adn=0238583856&siteId=32119900&crumb=1&search=b

JCI/Tyco has been deemed noncompliant by the WDNR and have been referred to the Wisconsin Department of Justice for their failure to comply with WDNR required actions such determining the complete Nature and Extent of the contamination as well as providing a long term safe drinking water solution to impacted residents. They are currently installing a ground water extraction system (GETS) downgradient of the source of the contamination which, by

their own admission, should only achieve a 30% efficacy within 50 years. Far too little too late. There are several 'ditches' (waterways) that extend from the contamination source which are shallow in nature and contribute to the ground water and Lake Michigan surface water contamination levels. One drainage way has had PFAS contamination levels recorded at over 2500 ppt and a recent University of Wisconsin Madison study revealed surface water levels in Green Bay near our homes at 177 ppt (the new WI state standard is 7ppt) and sediment concentrations of 295 ppt.

Local Authorities contacted about the release:

The WDNR is fully aware of this extensive contamination crisis as you will see from their BRRTS data (above link) and the Wisconsin Department of Justice was made aware of it and attended a full day public listening session with approximately 700 community members in December of 2019. The Town of Peshtigo Board of Supervisors is also actively working to address this crisis but is in desperate need of EPA support and influence if we are ever to obtain the single most essential solution to health and property value...permanent safe drinking water.