

Groundwater & Potability

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General Assessment

- USGS analyzed for 169 compounds
 - 42 metals, ions, nutrients, trace elements
 - 54 Pesticides
 - 73 Wastewater compounds

General Assessment (cont.)

- Out of the 127 pesticides and wastewater compounds they looked for - they only found 39
- For those 39 contaminants, the levels were very low and in trace amounts
- The 39 compounds are commonly found in the environment
- Most of the other 42 compounds (e.g., metals, ions, nutrients) that the USGS looked for would exist in groundwater even if the DMCF were not present

General Assessment (cont.)

- Groundwater is similar to groundwater in other parts of MD and DE
- The groundwater can be treated to make it safe and potable
- It is common for residents to install treatment systems to make the water more potable and/or palatable

Treatment Systems

- Acid Neutralizers – pH adjustment
- Softeners
- Reverse Osmosis
- Activated Carbon with UV Disinfection
- Others

DMCF Site Characterization

- No harmful waste products in DMCF
- According to EPA Standards this would not qualify as a Superfund Site nor a Hazardous Waste Site