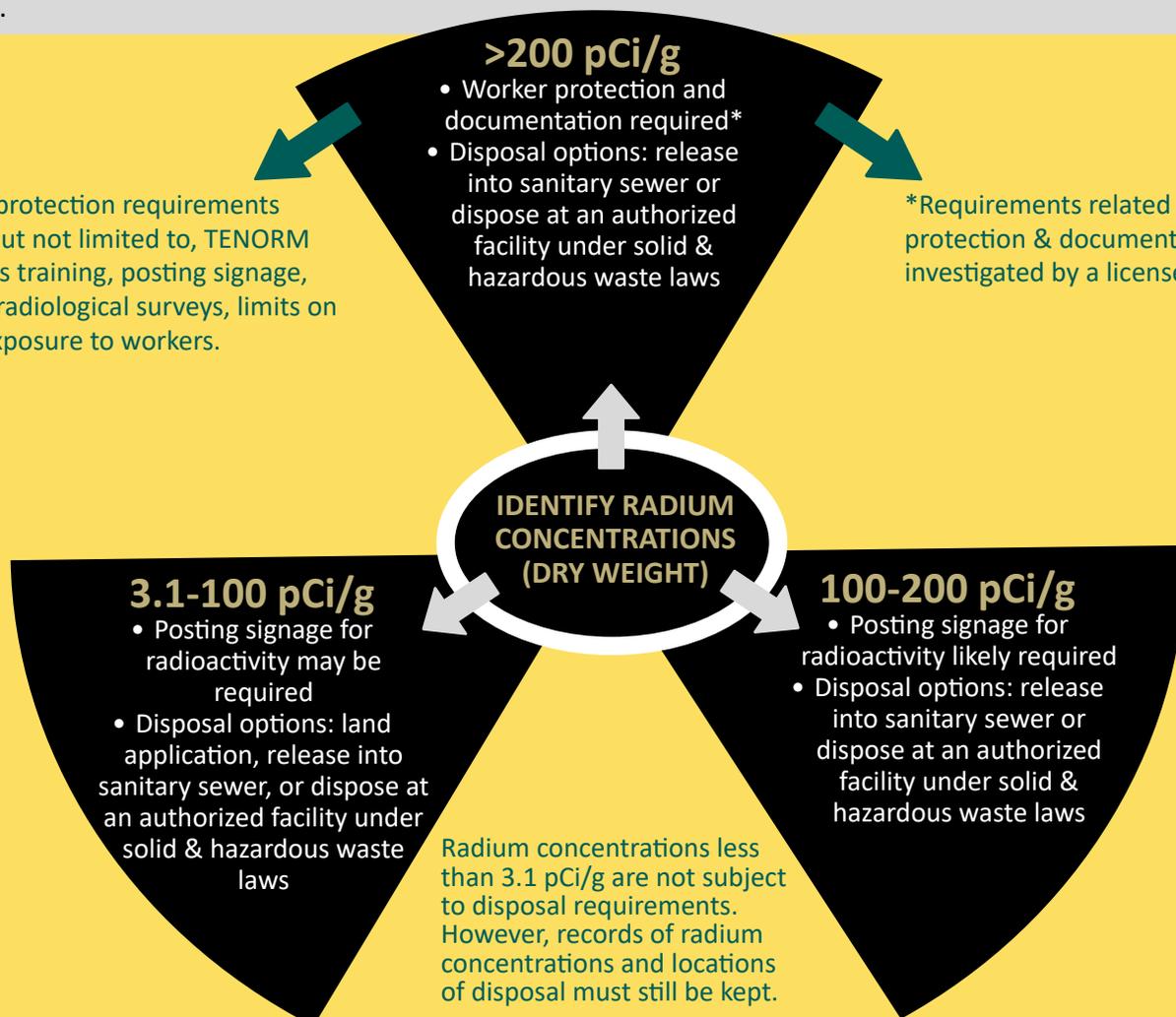


The Illinois Emergency Management Agency (IEMA) and Office of Homeland Security (OHS) has communicated more information regarding the new Part 622 Rule for water treatment residuals which will help monitor and limit radium exposure to the public and workers. **This rule will impact any Community Water Supplies that treat groundwater and remove Combined Radium (Radium-226 and Radium-228) in their water treatment processes - these, along with the receiving WWTP's, are defined as "Registrants" in this Rule.**

NEXT STEPS FOR ALL REGISTRANTS

1. Communities should complete the contact information survey [here](#) to ensure IEMA has accurate contact information for scheduling on-site inspections.
2. In preparation for IEMA-OHS on-site inspections, proactively gather records that document any testing of radium residual concentrations (from maintenance or otherwise), disposal methods of water treatment residuals, radon testing results, and records of TENORM training completion.
3. Establish residual radium concentration(s) prior to the next scheduled related service work, or ASAP for emergency work - see graphic below for more details. If treating for radium removal with cation exchange or HMO, and utilizing a backwash tank, there is a reasonable chance that you have combined radium concentrations greater than 200 pCi/g within residuals in the tank.
4. Based on radium concentrations, refer to the graphic below and the IEMA-OHS guidance document [here](#) for sampling and documentation procedures.
5. Facilities possessing water treatment residuals with combined radium concentrations greater than 200 pCi/g on a dry weight basis are required to do annual TENORM Awareness training. Contact IEMA or EEI for additional guidance on this training.



*Worker protection requirements include, but not limited to, TENORM awareness training, posting signage, frequent radiological surveys, limits on radium exposure to workers.

*Requirements related to worker protection & documentation should be investigated by a licensed professional.



Link to EEI Resources Webpage

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