

Radiological Education, Monitoring, and Outreach Project (REMOP)

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Outline

Where we are

- Brief history
- Current REMOP Events
- REMOP Resources

Where we are going

- Future REMOP events
- REMOP Data



Where we are: brief history

What is REMOP?

- Outreach project focused on radiological environmental monitoring programs
- Data collection from and with the community as an educational tool
- DOE-funded University of Georgia Savannah River Ecology Lab (UGA SREL) as the independent, third-party
- Working with Georgia WAND to create valuable community connections and networks

Goals

- Evaluate and respond to concerns from community members about radiation and their environment
- Obtain new monitoring data to compare to current, existing, and historic monitoring data



Where we are: brief history

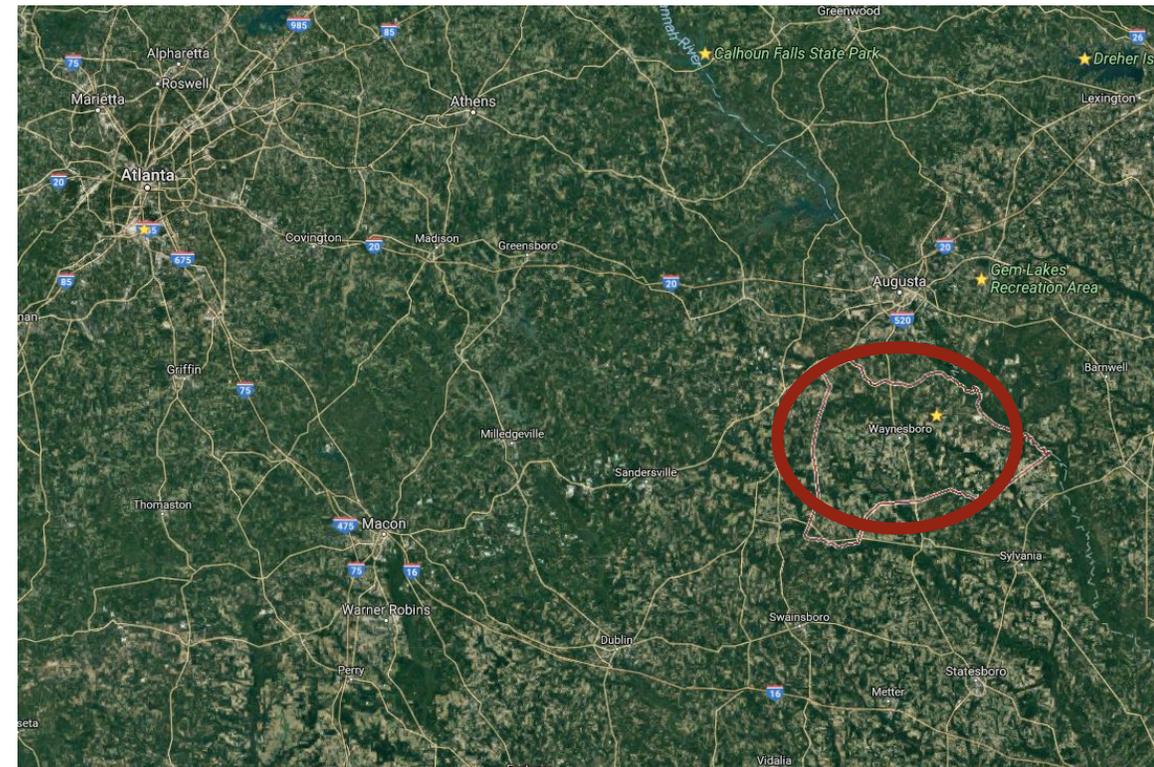
HISTORIC BURKE COUNTY

Radiological Environmental Monitoring

- South Carolina DHEC sampling in Savannah River
- SRS has 9 water well locations (2016)
 - Historic SRS air monitoring station located within the county
- Southern Company's Plant Vogtle through the NRC
- Georgia EPD monitored in the county until 2004

Community Involvement

- Engaged in figuring out what is in their environment
- EPA TANA assessment



Where we are: brief history

KEY RECOMMENDATIONS FROM TANA

Communications Outreach Plan

- Presentations
- Newsletters
- Website and social media updates

Regularly Consider Community Input

- Check-ins with community leaders and groups
- Reach out to all groups in community
- Flexible communication outreach styles

Recommended topics and associated fact sheets

- Radiation 101
- Status of SRS and Plant Vogtle, how to learn more about them
- Local history and connections to SRS and Plant Vogtle



Where we are: current REMOP events

Communications Outreach Plan

- Monthly presentations at the Burke County Library
- Bi-monthly newsletter sent to mailing list (online and snail-mail)
- Webpage with all resources available

Regularly Consider Community Input

- Established Community Advisory Council (CAC)
- Cooperating with local groups with the help of Georgia WAND Local Organizers

Recommended topics and associated fact sheets

- Creating educational factsheets associated with each monthly presentation topic



Where we are: REMOP resources

Old

- Gathering all the information
- Bringing it to once place

New

- Each monthly topic with a factsheet
- REMOP webpage



Questions?



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Where we are going: future REMOP events

Second Year

- Data collection & analysis
- Continuing monthly talks at the Library
 - Next talk is November 27th!
- Expand talks to local groups

Second Year Education Plan

- Results discussions
- Comparison with historic data



Images courtesy of Natalie Herrington



Where we are going: data

Samples

- Air, Rainwater, surface water, ground water, soil, fruits, vegetables, beef, cow milk, and goat milk
- Analysis:
 - At SREL: 20 metals
 - Sending out: gamma spectrometry, gross alpha/beta, SR-89/90, TC-99, H-3, Am-241, Cm-244, Np-237, PU-238/239, and U-234/235/238

Current and Historic Data

- Savannah River Site
- Southern Company's Plant Vogtle
- South Carolina Department of Health and Environmental Control (Savannah River data)
- Georgia Environmental Protection Division



Thank you!

Questions?



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