

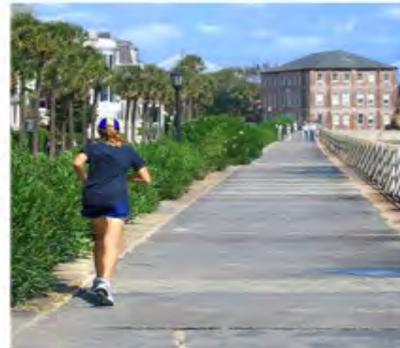


Environmental Surveillance and Oversite Program

Midlands – Aiken Environmental Affairs Office

206 Beaufort St. NE

Aiken, S.C. 29801



The background features a collage of US postage stamps and blue envelopes. The envelopes have a large white circle with the number '3' inside. The stamps are various denominations and designs, including one with a portrait of a man.

ESOP Video

TRT: 6:21
9/19/2006

Contact:
Wade Sellers
803-898-3877

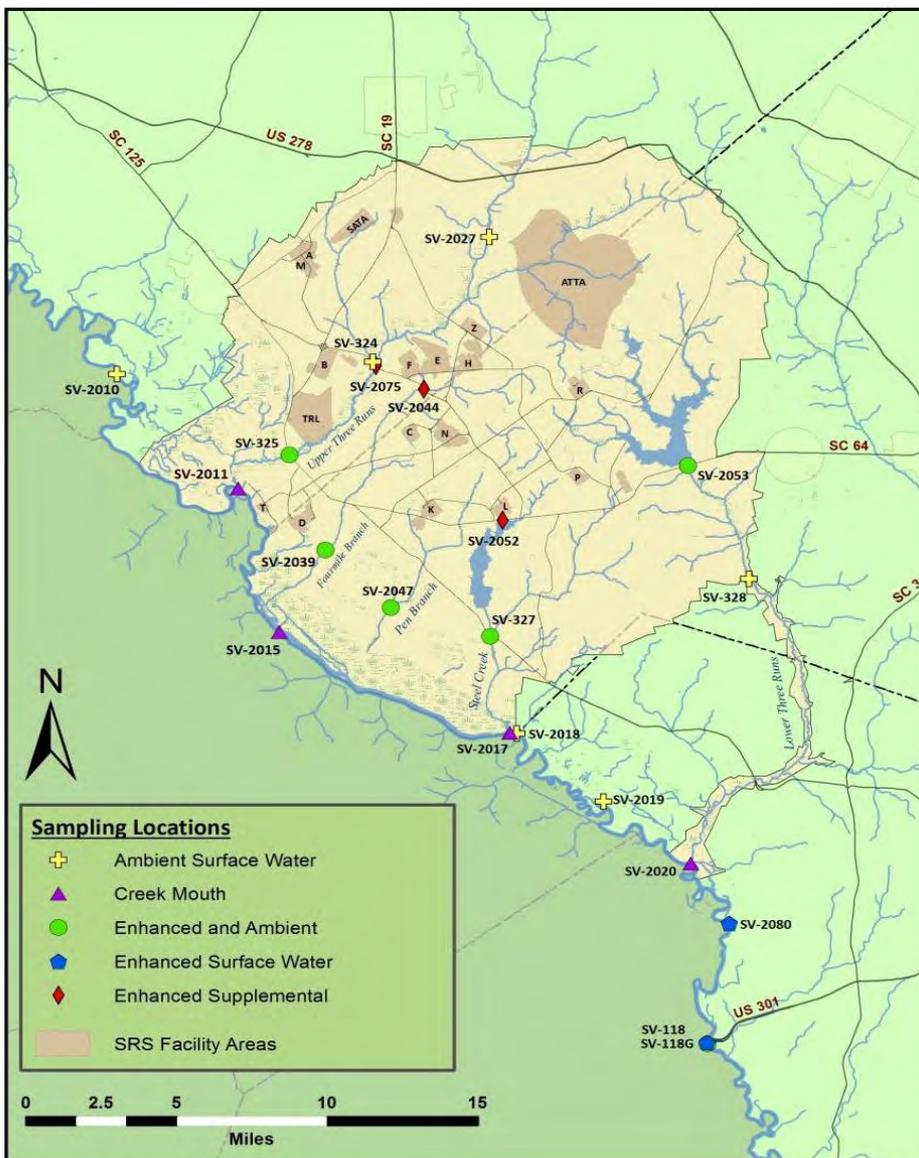
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Environmental Surveillance and Oversight Program Overview

- Supports the agency's regulatory program at SRS by focusing on activities not covered under the regulatory framework
- ESOP's primary function is to evaluate the effectiveness of SRS monitoring by:
 - Conduct non-regulatory monitoring around and on SRS
 - Conduct evaluations of the SRS monitoring program
 - Provide an independent source of information for the public pertaining to levels of contaminants in the environment from historic and current SRS operations
- ESOP monitoring activities include air, groundwater, drinking water, radiological surface water, non-radiological surface water, soil and sediment, milk, vegetation, fish, and game.

Radiological Surface Water Monitoring

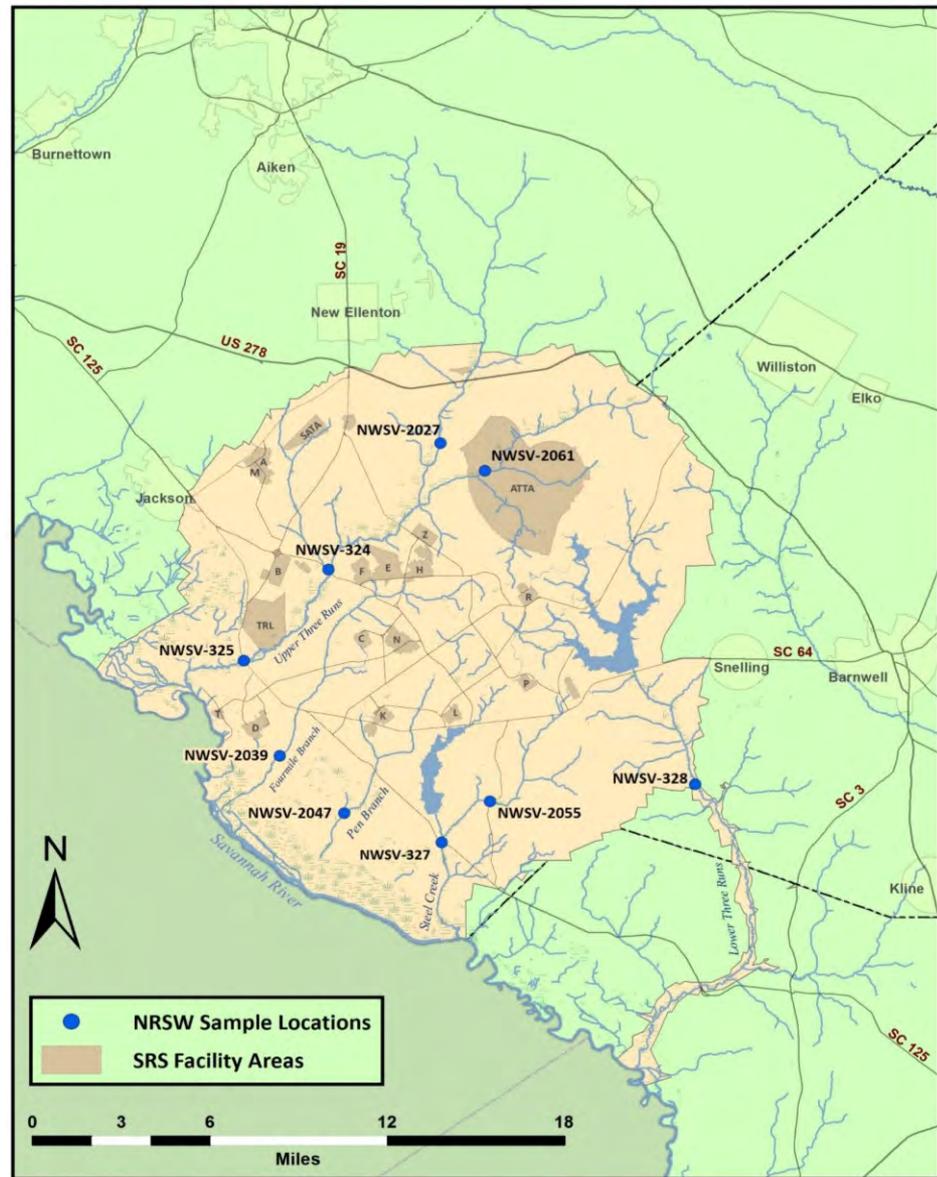




Non-Radiological Monitoring of Surface Water



Sample Locations

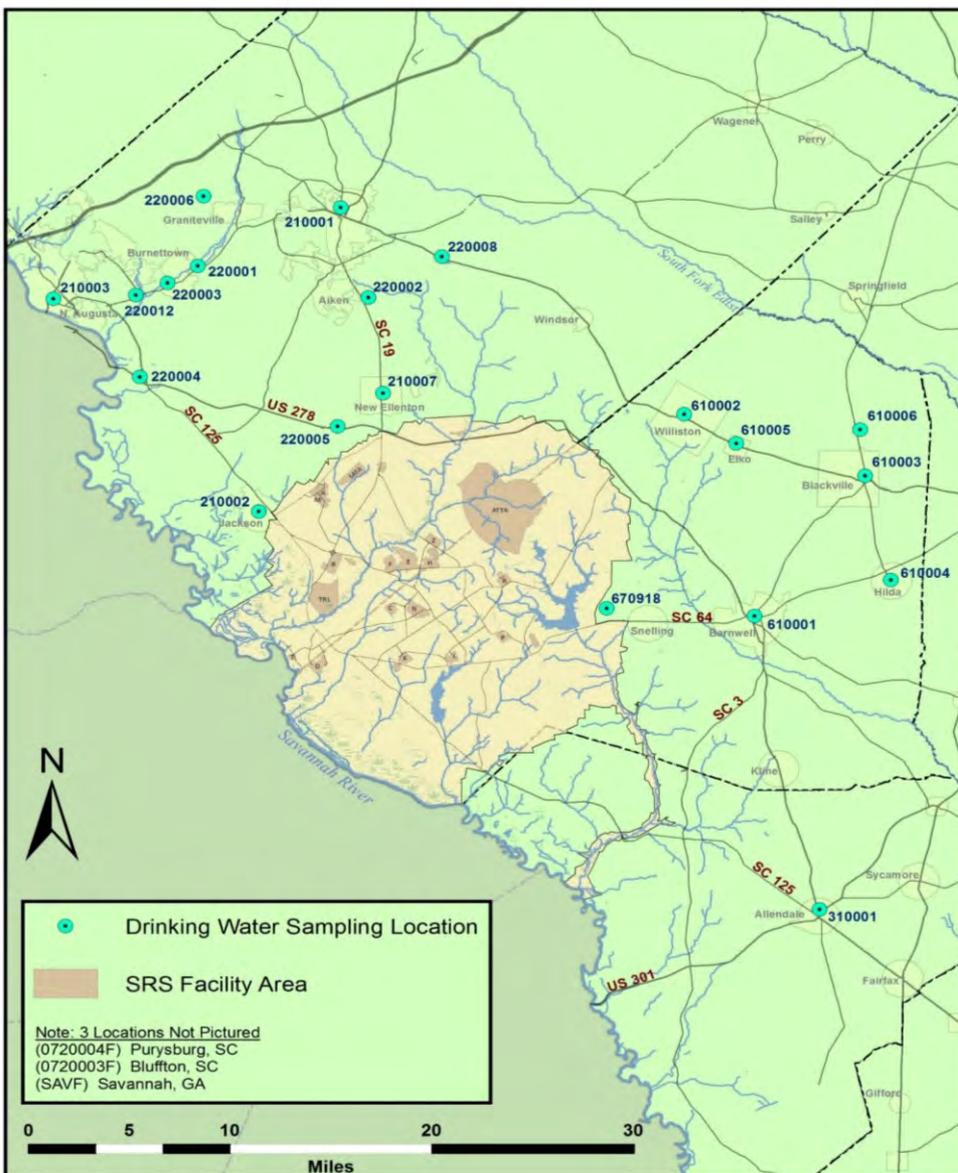


Sample Parameters

- Temperature
- pH
- Dissolved Oxygen
- BOD
- Total Suspended Solid
- Turbidity
- *E. coli*
- Ammonia
- Nitrate/Nitrite
- Phosphorus
- TKN
- Alkalinity
- Aluminum
- Beryllium
- Cadmium
- Chromium
- Copper
- Iron
- Lead
- Manganese
- Mercury
- Nickel
- Thallium
- Zinc
- Hardness
- VOCs
- Pesticides
- PCBs

Radiological Monitoring of Drinking Water Adjacent to the SRS





Groundwater Monitoring Adjacent to the SRS

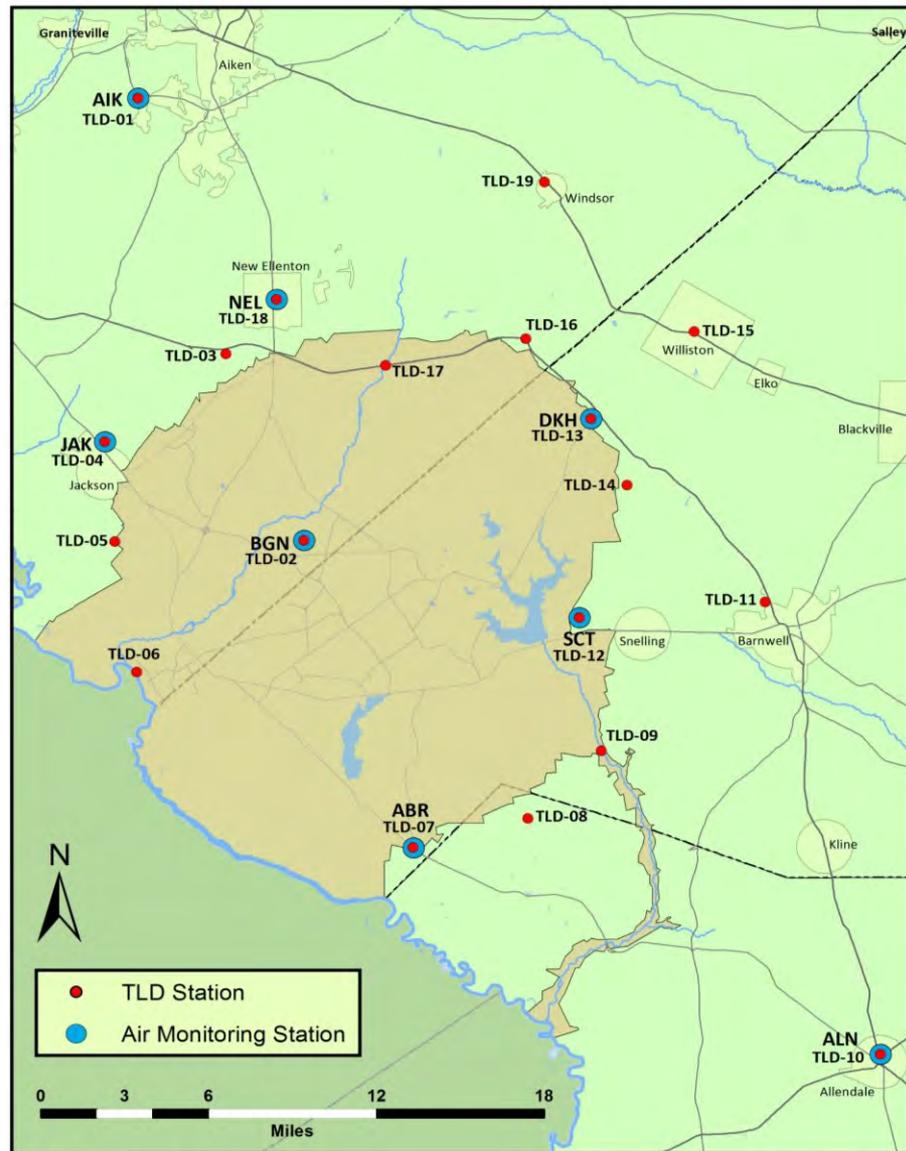


Radiological Atmospheric Surveillance

7 Air Stations

- Particulates
- Precipitation
- Atmospheric Moisture

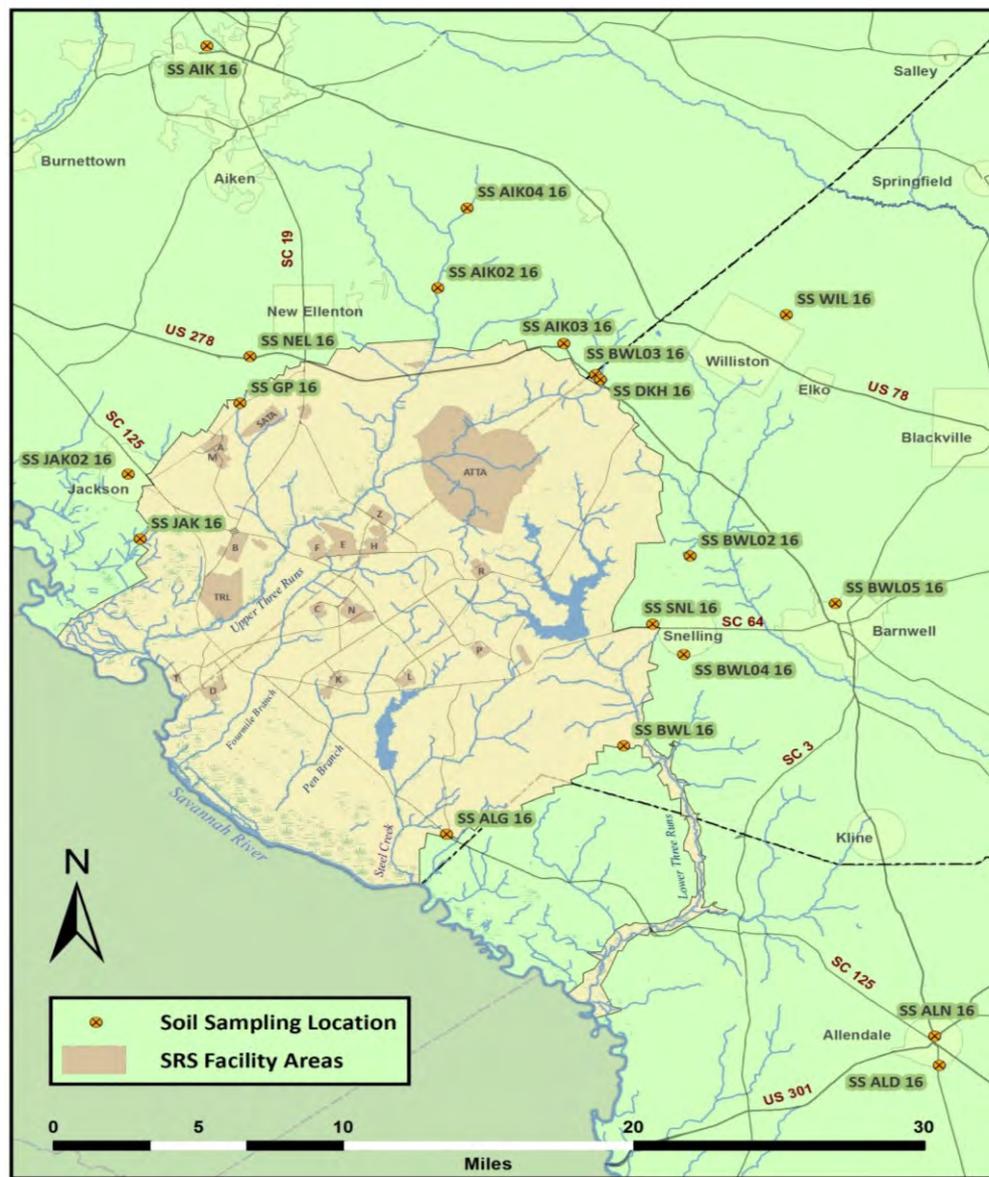
19 TLD's





Soil Monitoring Adjacent to SRS





Sediment Monitoring of SRS

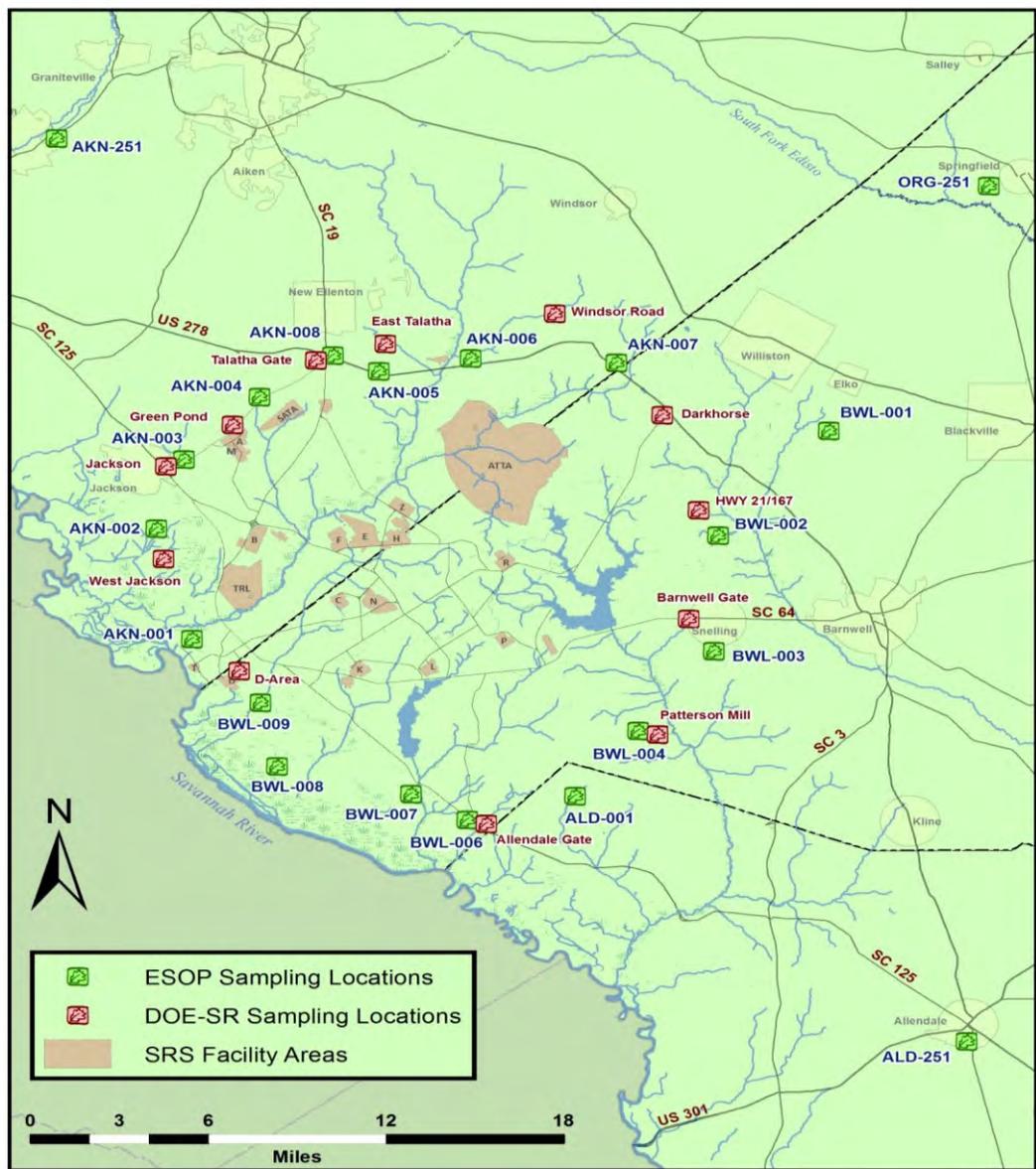


Edible Vegetation Monitoring



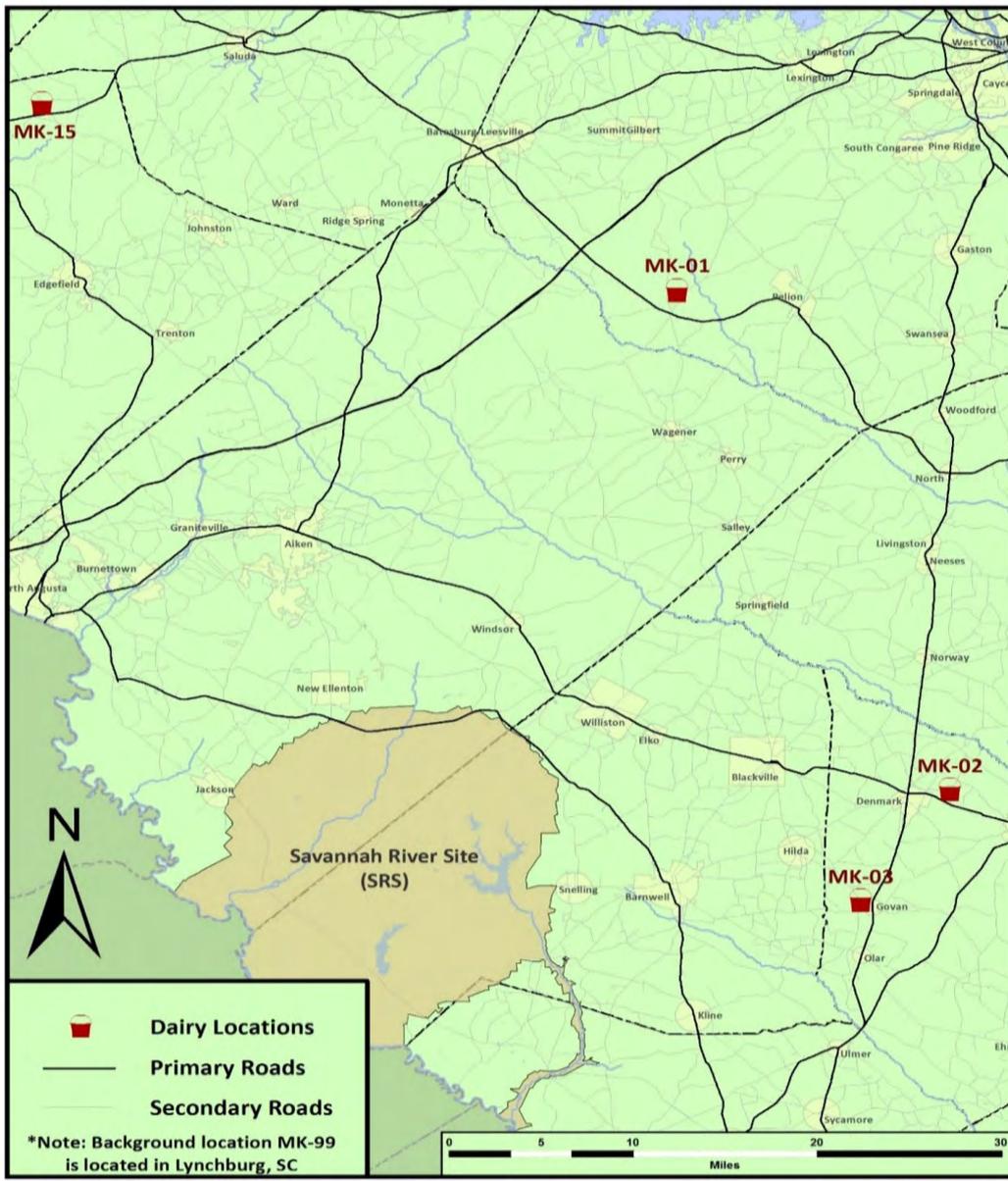
Non-Edible Vegetation Monitoring





Milk Monitoring Adjacent to SRS





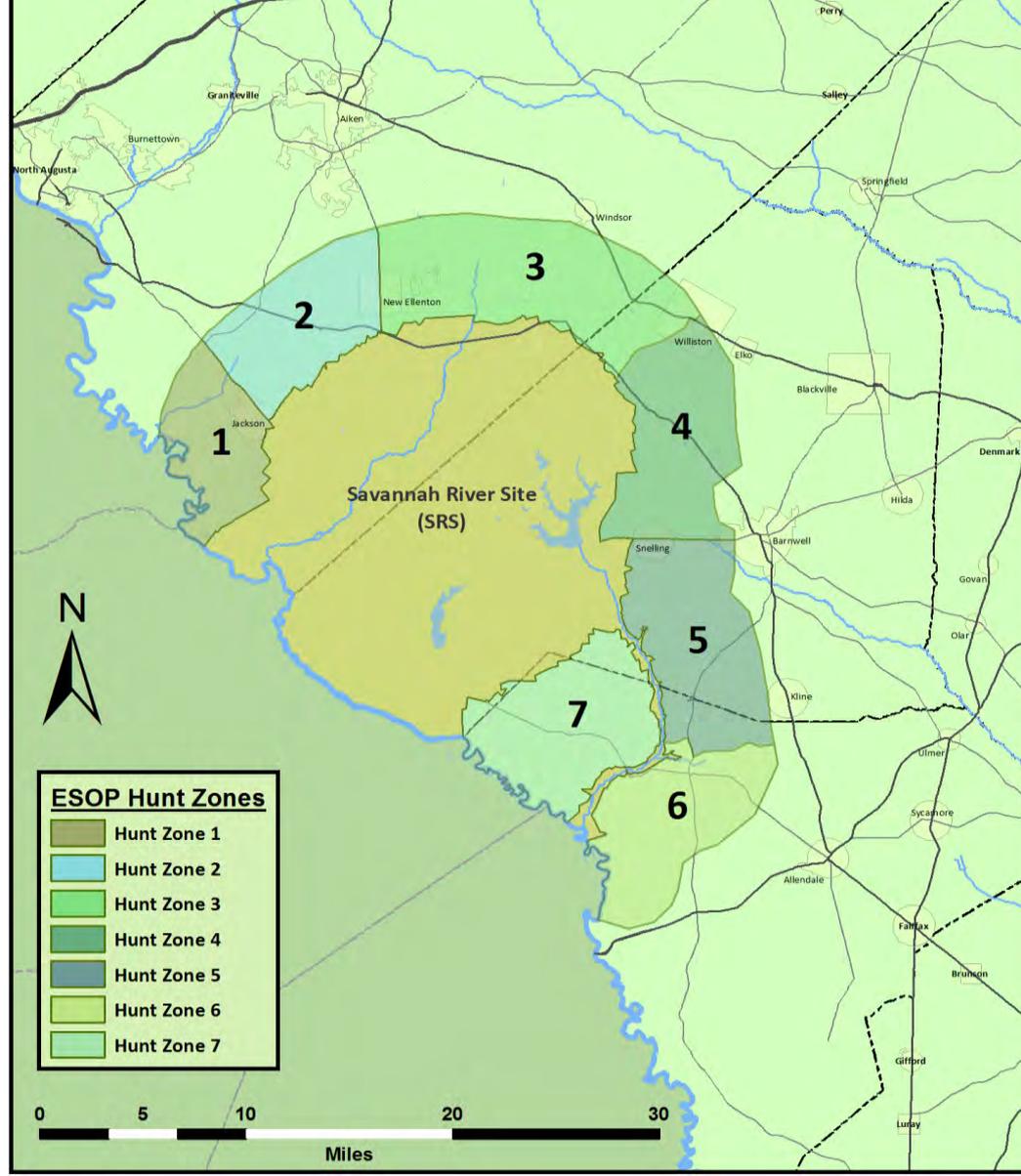
Fish Monitoring Adjacent to the SRS



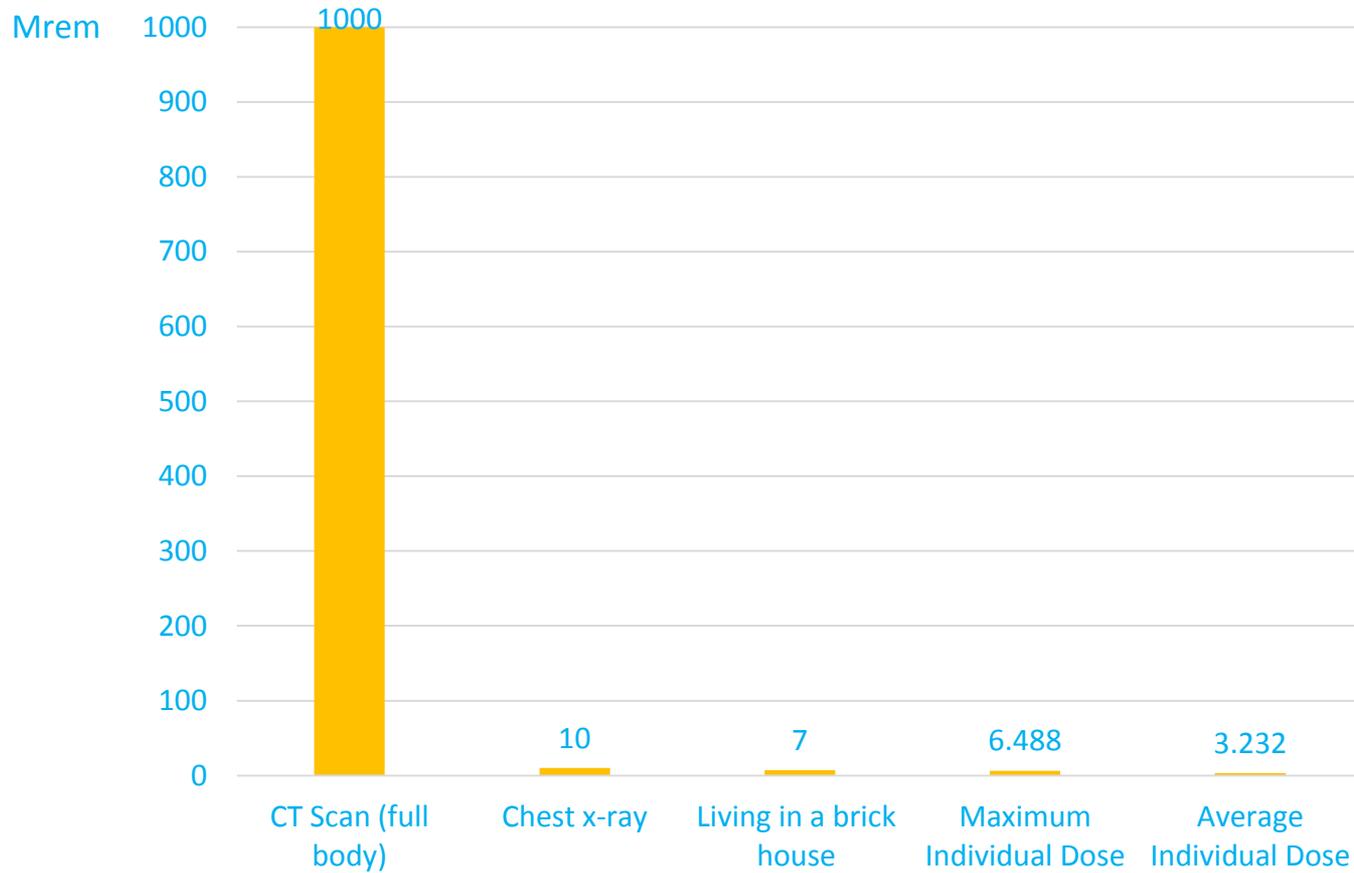


Game Monitoring





2016 Dose



Questions?

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