



U.S. DEPARTMENT OF
ENERGY



Topics for Citizens Advisory Board (CAB) Consideration – Waste Management Committee

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Savannah River Site Citizens Advisory Board
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Purpose

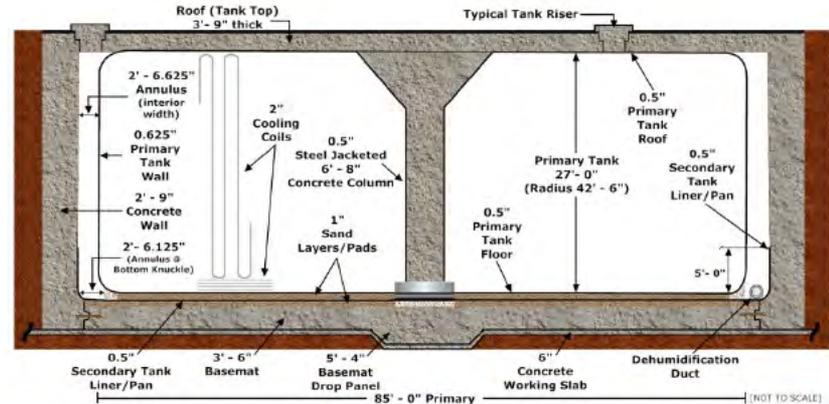
To provide potential topics for the Waste Management (WM) Committee for use in development of their 2019 Work Plan.



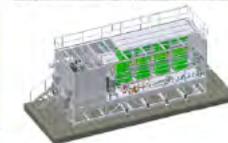
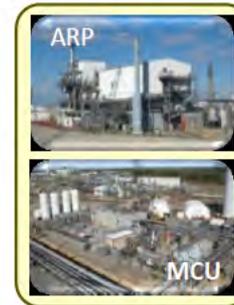
Waste Isolation Pilot Plant Shipments



Saltstone Disposal Units



Tank Closure Program



Salt Processing Operations

2018 WM Committee Work Plan Completed

Liquid Waste

- Processing of Liquid Waste (Salt, DWPF, and Saltstone)
 - Actinide Removal Process/ Modular Caustic Side Solvent Extraction Unit (ARP/MCU)
 - DWPF Operations
 - Saltstone Operations
 - Saltstone Disposal Unit Program Status
 - Salt Waste Processing Facility Project Status / Saltstone Disposal Integration Status
 - Tank Closure Cesium Removal (TCCR) / Tank 10 Bulk Waste Removal Efforts
 - 3H Evaporator Status
- Mercury in Liquid Waste – Status of Evaluation
- FY19 Budget Opportunities

Solid Waste Program / WIPP Update

- Solid Waste Program Update
- TRU Waste Program Update

2019 Waste Management Work Plan Proposed Topics

- DOE Proposed Topics:

Topic 1	Work Plan Item:	Tank Closure Cesium Removal (TCCR) Unit #2
	Description:	Demonstration of ion exchange technology to remove cesium out of salt waste will be executed with a Tank Closure Cesium Removal Unit in FY2019 followed by a feasibility study to determine technical viability and cost effectiveness. From a community perspective, provide recommended prioritization of implementing a second TCCR Unit vs. other perceived needs either within LW or elsewhere.
	Recommendation Deadline:	[Date]
Topic 2	Work Plan Item:	Liquid Waste Operations Update
	Description:	Report status of Liquid Waste facilities and projects to provide information to the public.
	Recommendation Deadline:	[Date]

2019 Waste Management Work Plan Proposed Topics (continued)

- DOE Proposed Topics:

Topic 3	Work Plan Item:	Remote Handled TRU Waste to WIPP
	Description:	<p>For the Solid Waste Program we are evaluating the use of special shielded containers to transport Remote Handled TRU Waste to WIPP. There are ~150 containers of this waste unable to be shipped since WIPP's equipment is not operational at this time. This waste is much more radioactive than the rest of the TRU waste in SRS. The special shielded containers needed very heavy (made from lead) and expensive (around \$10,000 per container). Number of containers on a shipment would be limited because of the weight restrictions and it will cost about \$1.5 Million for the 150 containers needed.</p> <p>From a community perspective, provide recommended prioritization of procuring new containers vs other perceived needs either within LW or elsewhere.</p>
	Recommendation Deadline:	[Date]

2019 Waste Management Work Plan Proposed Topics

- CAB Proposed Topics:

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Path Forward

- Committee agree to the topics to be included
- Department of Energy will develop schedule for when topics are to be covered
- Obtain Approval of the Work Plan