



# Idaho Cleanup Project Budget Summary

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Idaho Cleanup Project

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**EM** *Environmental Management*

safety ❖ performance ❖ cleanup ❖ closure

Idaho Cleanup Project

# DOE - Idaho Environmental Management Overview

## Overarching Priority: Protect Snake River Plain Aquifer

- Solidify liquid waste stored over the aquifer (Liquid/Tank Waste)
- Remove all stored transuranic waste out of the State (Solid Waste)
- Remove targeted buried waste and cap Subsurface Disposal Area (Soil and Water)
- Remove stored spent nuclear fuel from wet to dry storage (Spent Fuel)
- Manage high-level waste and spent nuclear fuel pending eventual disposition

## Fluor Idaho

- Contract Type: CPIF, CPFF
- Award Value: \$1.5 billion
- Current Value: \$2.1 billion
- Performance Period: June 2016 to May 2021
- Scope: Idaho Cleanup Project (all work other than NRC-regulated spent fuel)



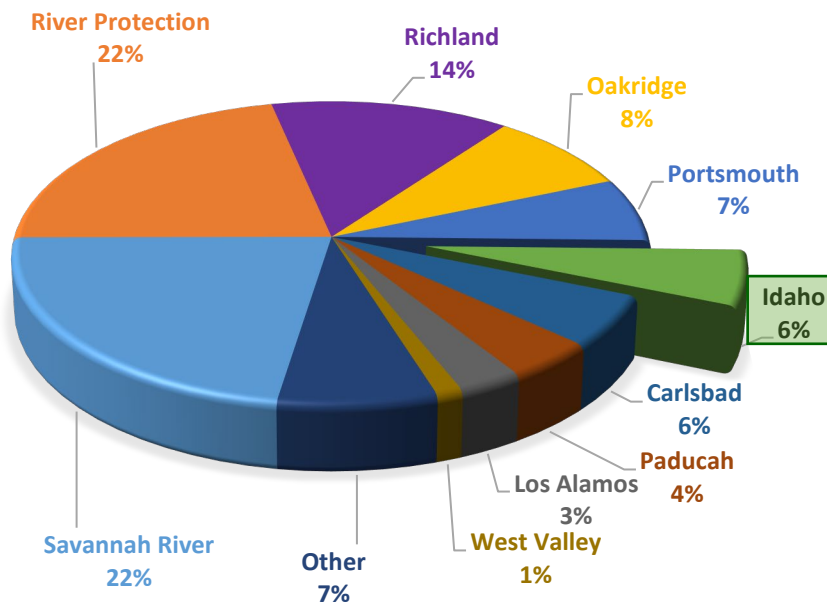
## Spectra Tech, Inc.

- Contract Type: Firm Fixed Price
- Award Value: \$31.6 million
- Current Value: \$50 million
- Performance Period: April 2016 thru May 2021
- Key Scope: Manage NRC-Licensed Facilities

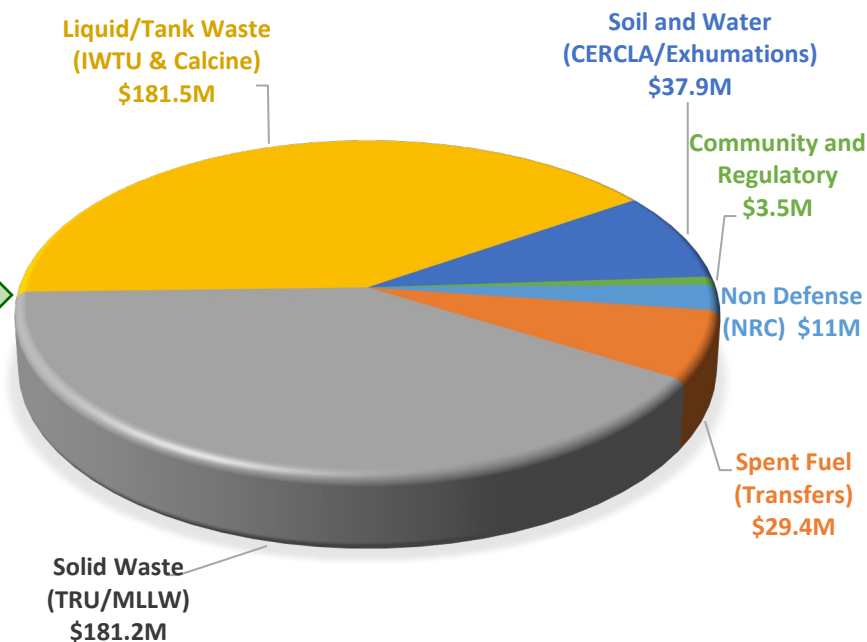


# FY 2021 Enacted Budget

TOTAL EM 2021 APPROPRIATIONS \$7.58B



IDAHO CLEANUP (EM) FY 2021 = \$444.5M



IDAHO	FY2019	FY2020	FY2021
Enacted	443,200	446,300	444,500



**EM Environmental Management**

safety ❖ performance ❖ cleanup ❖ closure

Idaho Cleanup Project

# FY 2021 Main Objectives

## Spent Nuclear Fuel \$29.4M

- Continue maintaining spent fuel inventory
- Continuation of Wet to Dry Transfers and Peach Bottom Fuel Remediation activities
- Fund efforts for a repackaging demonstration and initiate a project for an Interim Storage Pad

## Solid Waste \$181.2M

- Continue certification of CH TRU
- Continue shipping to WIPP
- Continue RCRA Closure Activities at AMWTP
- Continue shipping M/LLW out of the state

## Liquid/Tank Waste \$181.5M

- Continue infrastructure support
- Complete IWTU Outage J
- Start IWTU Confirmatory Run
- Authorization to start radiological operations at IWTU
- Continue developing and testing method and equipment needed to retrieve and transfer calcine

## Soil and Water \$37.9M

- Complete 90% of ARP-IX exhumation footprint
- Continue ground water monitoring and controls of ongoing CERLA remedial actions
- Siting and design studies in support of ICDF cell

## Non-Defense Spent Fuel \$11M

- Spent fuel storage support at FSV

## Community and Regulatory \$3.5M

- Provide for site-wide environmental compliance and oversight
- Provide grant to the State of Idaho Department of Environmental Quality
- Provide for Citizens Advisory Board requirements.



# Idaho Outlook

## Overarching Priorities:

- Solidify liquid waste stored over the aquifer
  - ✓ Continuation of IWTU hot operations
- Remove all stored transuranic waste from above the aquifer
  - ✓ Continue certification and shipping of TRU waste
  - ✓ Continue processing and shipping M/LLW
  - ✓ Complete RCRA closure of AMWTP facilities and begin D&D
- Remove targeted buried waste and cap Subsurface Disposal Area
  - ✓ Continuation of RWMC activities needed to support SDA cap schedule
  - ✓ Continue activities to construct a new cell at the Idaho CERCLA Disposal Facility (ICDF)
- Remove all stored spent nuclear fuel from wet storage
  - ✓ Continued transfers of spent nuclear fuel from wet to dry storage
- Manage high-level waste and spent nuclear fuel for eventual disposal
  - ✓ Continue with Peach Bottom fuel remediation efforts
  - ✓ Continued maintenance and management of facilities and infrastructure
  - ✓ Continuation of activities for an interim cask storage pad

