

United States Government

Department of Energy
Richland Operations Office**memorandum**

DATE: JUL 13 2007

REPLY TO
ATTN OF: FMD:PJZ/07-FMD-0093

SUBJECT: FISCAL YEAR (FY) 2009 ENVIRONMENTAL MANAGEMENT BUDGET SUBMITTAL
FOR THE U.S. DEPARTMENT OF ENERGY, RICHLAND OPERATIONS OFFICE (RL)

TO: James A. Rispoli, Assistant Secretary
for Environmental Management, EM-1, HQ

Consistent with the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement), we are requesting \$1,430.8M which is required to continue to meet our commitment to clean up the legacy of the Hanford Site. This fulfills a requirement of the Tri-Party Agreement between the U.S. Department of Energy (DOE), the Environmental Protection Agency (EPA) and the State of Washington Department of Ecology (Ecology).

Our planning represents our efforts to align the challenges, both technical and fiscal, with our commitment to make significant cleanup progress at the Hanford Site. In summary, with this target and over target budget request, Richland will:

- Maintain safe and compliant facilities and essential services.
- Cleanup, control and mitigate contamination in proximity to the Columbia River including K East Basin decontamination and decommissioning; initiate sludge treatment; conduct groundwater remediation along the river, and; remediate River Corridor soil and burial grounds in the 100 and 300 Areas.
- Consolidate Plutonium.
- Cleanup, control and mitigate contamination in the Central Plateau.
- Continue transuranic waste retrieval and certification.
- Continue Central Plateau groundwater and waste site characterization, including Remedial Investigation/Feasibility Studies.
- Conduct additional groundwater remediation.
- Continue waste treatment.
- Continue Plutonium Finishing Plant Decontamination and Decommissioning.
- Remediate waste sites in the Central Plateau 200 Areas.

Attachment 1 is a summary of the planned activities for FY 2009, including activities that would be accomplished with over target funding. This information is consistent with our briefings to your staff, the Hanford Advisory Board, regulators, and the public. In these briefings, we have also identified the following Tri-Party Agreement milestones that we anticipate we may miss due to technical reasons, not lack of funding:

JUL 13 2007

- M-34-30, Initiate Sludge Treatment, December 21, 2008.
- M-34-00, Complete Removal of K Basins and their Content, March 31, 2009.
- M-16-58, Initiate Soil Remediation at K West Basin, April 30, 2009.

We have discussed and continue to discuss these technical issues with EPA and Ecology in an effort to determine possible remedies or technical alternatives which would continue to allow us to show the necessary progress in these areas.

As part of Tri-Party Agreement Paragraph 148 and DOE's commitment to seek, collect and consider input in the development of Hanford's budget, we provided budget briefings and information to Ecology, EPA and the Hanford Advisory Board at the onset and throughout the budget development process. In addition, RL and the Office of River Protection (ORP) jointly held five public meetings in the State of Washington and Oregon to discuss the proposed FY 2009 budget request and cleanup priorities. Attachments 2 through 5 include comments received from EPA, Ecology, advice from the Hanford Advisory Board, and comments received to date from the public for RL and ORP. The written comments, public meeting themes, and cleanup exercise results are also available electronically on the Hanford website at www.hanford.gov.

As a result of ongoing dialogue with the regulator agencies and the public, RL has distinguished groundwater activities for the River Corridor and Central Plateau in an effort to focus on protection of the Columbia River. Ongoing efforts to look at cleanup strategies that emphasize groundwater overall at the Site continue, including deep vadose zone characterization. We will continue to seek input on cleanup priorities from our regulators, Tribes, stakeholders and members of the public and others through August 31, 2007. That input will also be provided to DOE Headquarters for consideration in the development of the FY 2009 budget request for Hanford cleanup.

If you have any questions, please contact me, or your staff may contact Greg Jones, Acting Chief Financial Officer, on (509) 373-4183.



Michael J. Weis
Acting Manager

Attachments

cc w/attachs:

M. W. Frei, EM-30

C. F. Rheaume, EM-31

L. C. Treichel, EM-3.2

N. Ceto, EPA

J. Hedges, Ecology

**Richland Operations Office
Planned Activities for Fiscal Year (FY) 2009 Request**

NM Stabilization/Disposition – Plutonium Finishing Plant (PFP) (RL-0011)

Planned Accomplishments within Target

- Continue Decontamination & Decommissioning of Z-9 crib complex.
- Maintain PFP complex facilities.
- Maintain safe and secure storage of Special Nuclear Materials.
- Continue shipment of plutonium off site.
- Perform upgrades to PFP Safety Systems.

Planned Activities at over Target

- Conduct Decontamination & Decommissioning (D&D) of additional PFP facilities to mitigate ramp-up of D&D from FY 2010 to FY 2011.

SNF Stabilization/Disposition (RL-0012)

Planned Accomplishments within Target

- Maintain Safe & Compliant 100K facilities.
- Initiate Sludge Treatment Facility Modifications.
- Complete D&D of K East Basin.
- Complete processing of K Basin found fuel

Solid Waste Stabilization/Disposition (RL-0013C)

Planned Accomplishments within Target

- Operate Key Waste Treatment Facilities
 - T Plant
 - Waste Receiving and Processing Facility
 - 200 Effluent Treatment Facility
- Support work on Tank Closure and Waste Management Environmental Impact Statement

Planned Activities at over Target

- Continue suspect transuranic retrieval (M-91-40F)
- Certify and ship transuranic waste to Waste Isolation Pilot Plant (M-91-42K&L)
- Treat Mixed Low-Level Waste (M-91-42E)
- Treat 300 cubic meters of large and/or Remote Handled Mixed Low-Level Waste (M-91-43C)
- Complete design for Remote Handled Transuranic Waste Processing Capability

Richland Operations Office
Planned Activities for FY 2009 Request (Continued)

Safeguards and Security (RL-0020)

Planned Accomplishments within Target

- Continue support of offsite plutonium shipments from the Plutonium Finishing Plant
- Maintain protection of special nuclear materials
- Maintain site wide security
- Continue Security Configuration Changes at the Canister Storage Building and begin startup reviews

Groundwater Protection (RL-0030)

Planned Accomplishments within Target

- Operate and maintain existing groundwater remediation systems
- Continue groundwater integration activities and environmental data management
- Continue groundwater compliance monitoring
- Drill monitoring wells as prescribed by Tri-Party Agreement M-24-00
- Complete Remedial Design/Remedial Action Work Plan for 200-ZP-1/PW-1,3,6
- Complete four M-15 Tri-Party Agreement Milestones to submit feasibility studies and proposed plans
- Complete Groundwater River Corridor Remedial Investigations Work Plans

Planned Activities at over Target

- Decommission 100 groundwater wells
- Expansion of new Pump and Treatment system and well network at 100-D, 200-ZP-1/2, 200-UP-1
- Conduct 200 Area Deep Vadose Zone Treatability Test
- Conduct Groundwater & Waste Site Remedial Investigations/Feasibility Study for the Central Plateau to support completion of TPA Milestone series M-15-00

Nuclear Facility D&D – Remainder of Hanford (RL-0040)

Planned Accomplishments within Target

- Maintain Surveillance and Maintenance for waste sites and facilities awaiting final disposition.
- Support minimum safe operations for the Radiological Processing Laboratory (RPL)
- Perform essential infrastructure replacements and upgrades

Planned Activities at over Target

- Continue Central Plateau soil remediation for U Area and BC Cribs waste sites
- Support U Plant Canyon remediation pilot project
- Continue regulatory decision process for four canyon facilities
- Complete additional infrastructure replacements and upgrades
- Complete RPL legacy waste removal

Richland Operations Office
Planned Activities for FY 2009 Request (Continued)

Nuclear Facility D&D – River Corridor Closure Project (RL-0041)

Planned Accomplishments within Target

- Continue Interim Safe Storage at N Reactor (6 of 9)
- Continue 100 and 300 Area waste site and burial ground remediation
- Continue 100 Area decommissioning/demolition of facilities
- Complete the interim remedial actions for the 100 F Area (M-16-49)
- Initiate response actions for the remaining waste sites for the 100K Area (M-16-52)
- Complete interim remedial actions for the remaining high environmental priority 300-FF-2 waste sites (618-2, 618-3, 618-5 and 618-7) (M-16-61)

Nuclear Facility D&D – Fast Flux Test Facility (RL-0042)

Planned Accomplishments within Target

- Complete shutdown of support systems no longer required for long term Surveillance and Maintenance
- Initiate long term Surveillance and Maintenance of Fast Flux Test Facility Complex

Community and Regulatory Support (RL-0100)

Planned Accomplishments within Target

- Provide funding for the Natural Resource Trustee Council operations
- Continue grants to Emergency Preparedness, Self Reliance Foundation, Ecology, Department of Health, and Oregon Department of Energy
- Continue funding Payment-in-Lieu of Taxes
- Support to permits and fees including Resource Conservation and Recovery Act Mixed Waste and Air Emissions
- Support to Hanford Advisory Board

Planned Activities at over Target

- Conduct a phased Natural Resource Damage Assessment (NRDA) process at the Hanford Site in accordance with the April 3, 2007 Federal Trustees' Preassessment Determination for Hanford including:
 - identifying gaps in existing Hanford natural resource and environmental monitoring data that may be needed for the injury assessment process
 - designing additional studies if necessary
 - developing a conceptual site model showing where contamination exists
 - drafting an assessment plan for potentially affected natural resources



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10 HANFORD/INL PROJECT OFFICE
309 Bradley Boulevard, Suite 115
Richland, Washington 99352

June 13, 2007

Michael J. Weis
Acting Manager
Richland Operations Office
U.S. Department of Energy
P.O. Box 550 (A7-50)
Richland, WA 99352

Subject: DOE Federal Fiscal Year (FFY) 2009 Budget

Dear Mr. Weis:

The U.S. Environmental Protection Agency (EPA) appreciates the recent reviews of the Hanford baselines conducted by the U.S. Department of Energy (DOE). EPA supports the external independent reviews of the baseline budget requests as well as continued cleanup work along the Columbia River corridor.

However, EPA must remind DOE of its obligations under Article XLVIII of the *Hanford Federal Facility Agreement and Consent Order* (aka Tri-Party Agreement), particularly the obligation to request sufficient funds to meet compliance schedules. We acknowledge that funding for Hanford has not been affected as much as other sites in the DOE complex, but the proposed levels are not adequate to meet currently established cleanup schedules. The EPA strongly believes that Tri-Party Agreement milestones will be missed due to limited funding. There are too many instances where needed work is included in the over-target request but should be in the base request. Some of these activities include: Central Plateau waste site characterization and remediation, groundwater remediation, and TRU retrieval. The clean up of the Hanford site cannot continue to be under-funded at these levels without drastic implications to the overall project cost and schedule.

As we reviewed the longer range planning schedule, we noted that some items were not accounted for, such as disposition of the reactors along the river corridor. We expect the comprehensive project baseline to include all the resources necessary to complete the mission.

Our goal is to continue to make scientifically sound cleanup decisions that will protect the public and the environment, while making sure that the cleanup is completed as safely, expeditiously, and cost-effectively as possible.

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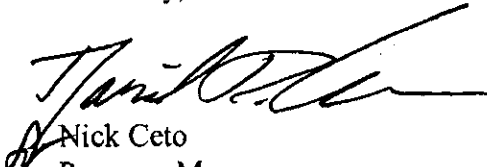
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DOE-RL/RLCC

The DOE should clearly identify the scope, schedule, and budget for completing the cleanup of the Hanford site. This should be done by establishing clear goals and objectives for the cleanup tasks that remain as well as identifying strategies for achieving those goals and objectives. We look forward to using our collective passion, intellect, and creativity to get the Hanford mission completed.

If you have any questions, please contact me at (509) 376-9529

Sincerely,



Nick Ceto
Program Manager

cc:

J. Hedges Ecology



STATE OF WASHINGTON
 DEPARTMENT OF ECOLOGY
 3100 Port of Benton Blvd • Richland, WA 99352 • (509) 372-7950

July 11, 2007

Ms. Shirley J. Olinger, Acting Manager
 Office of River Protection
 United States Department of Energy
 P. O. Box 450, MSIN: H6-60
 Richland, Washington 99352

Mr. Michael Weis, Acting Manager
 Richland Operations Office
 United States Department of Energy
 P. O. Box 550, MSIN: A7-50
 Richland, Washington 99352

Re: Ecology's Response to the United States Department of Energy Fiscal Year 2009 Budget

Dear Ms. Olinger and Mr. Weis:

Ecology appreciates the frank assessments of the impacts to compliance that target funding will create in Federal Fiscal Year (FY) 2009. We are pleased that the United States Department of Energy (USDOE) has committed to begin a natural resource injury assessment at Hanford. We believe this action will save money, result in better clean-up decisions, and lead to quicker restoration of natural resources. We support USDOE's continued plan to ship plutonium to another USDOE site starting in FY 2007. This will facilitate the timely completion of cleanup of the Plutonium Finishing Plant. And we are pleased that USDOE plans to fund the Waste Treatment Plant (WTP) at \$690 million, the funding level in the approved 2003 baseline.

The FY 2009 funding continues to trend downward, as we have noted in the Fiscal Year 2007 and Fiscal Year 2008 budget reviews. Despite steady funding for construction, the USDOE's Office of River Protection proposes delaying the WTP for eight years and reducing tank waste retrieval efforts to a level that is unacceptable to the State. The Richland Operations Office proposed budget is below what is needed to comply with the Tri-Party Agreement (TPA) and environmental laws and regulations.

Budget constraints and technical and management problems have limited cleanup efforts. USDOE has missed critical TPA milestones and several more are in jeopardy.

USDOE OFFICE OF RIVER PROTECTION (ORP)

Waste Treatment

We are concerned that USDOE is proposing to delay the hot commissioning of the Waste Treatment Plan (WTP) from 2011 to 2019 to address technical issues. Removal and treatment of Hanford's tank waste is the State's highest priority.

Ms. Olinger and Mr. Weis
July 11, 2007
Page 2

We are also concerned about delays in the Demonstration Bulk Vitrification System. Its operation is now forecast for 2011. Without the technical data from the demonstration, we cannot determine if the bulk vitrification technology can meet supplemental treatment needs at Hanford.

Operating the Tank Farms

Ecology does not support USDOE's continued reduction of funds for the operations of the tank farms and for retrieving tank waste from single-shell tanks.

We do not agree that tank farm activities should slow to match the delays in the WTP. The risks to the environment and human health that results when tank waste remains in single-shell tanks is not acceptable to the State. Waste retrieval, which is too slow to comply with the TPA, must increase. We are also concerned that USDOE will not have enough funds to address operational issues or respond to compliance issues that will continue to arise as the tank system ages.

USDOE RICHLAND OPERATIONS OFFICE (RL)

Treatment of Solid Waste

FY 2009 – Funds do not support TPA work to:

- Retrieve suspect TRU waste from the burial grounds.
- Treat MLLW at the rates specified in the TPA.
- Treat 300 m³ of remote-handled MLLW.
- Designing a facility to manage remote-handled TRU waste and large containers of contact-handled mixed low level and TRU wastes.

Cleaning up Nuclear Materials

We are concerned that delaying initiation of decontamination and decommissioning of the Plutonium Finishing Plant past 2011 will result in the need for increased funds and other resources in 2011.

Cleaning up sites along the Columbia River and on Central Plateau

FY 2009 – Work in the target does not include:

- Removing legacy waste from the Radiochemical Processing Laboratory in the 300 Area.
- Remediating soil at U Area and BC Cribs waste sites.
- Support for the U Canyon remediation pilot project that will aid future canyon cleanups.
- Funding to remove, treat, and dispose of small waste sites on the Central Plateau.

Ms. Olinger and Mr. Weis
July 11, 2007
Page 3

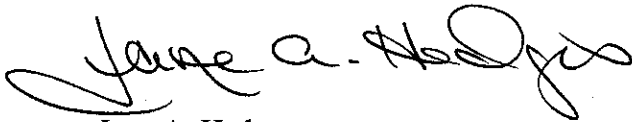
Groundwater Protection

FY 2009 – Funds will not support:

- Enhanced efforts to address groundwater contamination.
- The 200 Area Deep Vadose Zone Treatability Test.
- 200 Area Central Plateau groundwater and waste site characterization to support studies in the TPA Milestone M-015 series.

Ultimately, we are concerned about the federal government's commitment to meet its legal obligation to clean up the Hanford Site. The state of Washington will continue to press for the funding necessary to ensure the cleanup of the Hanford Site.

Sincerely,



Jane A. Hedges
Program Manager
Nuclear Waste Program

nc/lkd

cc: Stuart Harris, CTUIR
Gabriel Bohnee, NPT
Russell Jim, YN
Susan Leckband, HAB
Ken Niles, ODOE

HANFORD ADVISORY BOARD

A Site Specific Advisory Board, Chartered under the Federal Advisory Committee Act

Advising:

US Dept of Energy
US Environmental
Protection Agency
Washington State Dept
of Ecology

June 8, 2007

Mike Weis, Acting Manager
U.S. Department of Energy, Richland Operations
P.O. Box 550 (A7-50)
Richland, WA 99352

CHAIR:

Susan Leckband

VICE CHAIR:

Shirley Olinger, Acting Manager
U.S. Department of Energy, Office of River Protection
P.O. Box 450 (H6-60)
Richland, WA 99352

BOARD MEMBERS:

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Harold Heacock

Labor/Work Force
Mike Keizer
Thomas Carpenter
Susan Leckband
Jeff Luke
Rebecca Holland

Local Environment
Gene Van Liew

Local Government
Maynard Plahuta
Pam Larsen
Rick Jansons
Rob Davis
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Jim Curdy
Bob Parks

Tribal Government
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Public Health
Margery Swint
Jim Trombold

University
Mark Oberle

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Todd Martin
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1200 Sixth Avenue
Seattle, WA 98101

Jay Manning, Director
Washington State Department of Ecology
P.O. Box 47600
Olympia, WA 98504-7600

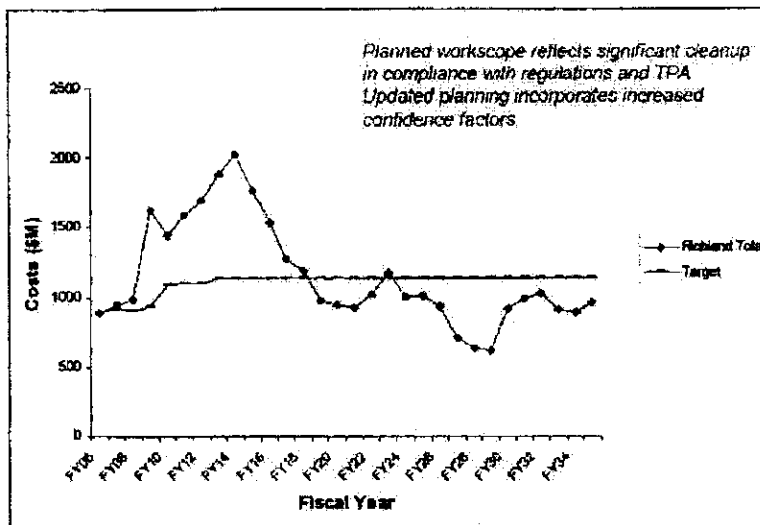
Re: FY 2008-2009 and Outyear Budgets

Dear Messrs. Weis and Manning, Ms. Olinger and Ms. Miller,

The Hanford Advisory Board (Board) sincerely appreciates the Department of Energy's (DOE) recent commitment to provide access to information about program budgets. Guidance provided to DOE field offices from DOE-Headquarters (DOE-HQ) in February 2007 reversed the trend of limitations on available information. This reversal has given the Board the opportunity to provide meaningful comments about priority and funding needs.

Nevertheless, the Board is deeply concerned that "target budgets" approved by the White House Office of Management and Budget (OMB) for Hanford cleanup funding fall drastically short of supporting the work needed to be done to meet existing compliance agreements and to adequately protect the environment. The DOE-Richland Operations Office (DOE-RL) anticipates this shortfall to be as much as \$5 billion over the ten year period beginning in Fiscal Year (FY) 2009. In FY 2009 alone, the cost of unfunded cleanup work is approximately \$500 million.

Richland Operations Office Planned Work Scope Compared to Provided Targets



This DOE chart shows the DOE-RL cleanup budgets (“target”) approved by the OMB from 2009 through 2013, followed by DOE’s assumed level funding for the years following. Also shown is the amount of funding DOE-RL estimates will be necessary to meet the current cleanup milestones and perform other important work (Richland Total). DOE-ORP also projects a funding shortfall – of as much as \$560 million during the five year period beginning in FY 2009.

For the most part, DOE-RL and DOE-ORP provided the Board and public with sufficiently detailed information for us to provide on cleanup priorities. The Board was not provided with details on the cost of compliance work that is not part of DOE-ORP’s target budget for FY 2009. The Board desires that information and it should be provided.

The Board considers that both DOE-RL and DOE-ORP have made significant effort to balance inadequate funding allocations between competing priorities and requirements.

The Board believes DOE can bridge this “compliance gap” by abiding by its prior commitments to use the funds saved from early cleanup and closure of small DOE sites (such as Rocky Flats, Fernald and Mound) for the remaining large sites. DOE made this commitment in establishing a “2006 Closure Account” in Congressional Budget Requests and other communications. For FY 2009, DOE’s proposed total

nationwide cleanup budget is more than \$900 million lower than the 2006 funding appropriated by Congress.

Advice

- Now that several of its smaller sites have closed or are closing, DOE-HQ should live up to its commitment to re-direct cleanup funds back to the larger, more contaminated sites in the DOE nuclear weapons complex. Washington State should firmly remind DOE of this commitment.
- DOE should be completely open with its regulators and the public about the specifics of projected funding shortfalls.

DOE-RL

Among specific projects within DOE-RL, groundwater funding in FY 2009 is particularly inadequate. DOE-RL acknowledges that the cost of starting required groundwater cleanup planning, investigation and interception (not full scale remediation) activities in FY 2009 would require more than \$200 million above the proposed funding level. Recent Congressional add-ons for Hanford groundwater programs of \$10 to \$20 million a year are helpful but do not make a meaningful dent in groundwater cleanup.

The Board has previously advised that Tri-Party Agreement (TPA) and DOE baselines should include the start of cleanup of groundwater contamination in each area along the Columbia River within one year after completion of the soil sites cleanup for each area. Major TPA negotiations are just underway, with the State of Washington and the U.S. Environmental Protection Agency having said that groundwater cleanup goals are a key objective. Funding shortfalls for groundwater must not prevent adoption of real goals for cleanup of groundwater with firm, enforceable schedules. Groundwater unit investigations must be funded and returned to a compliant schedule, in order for the most basic information to be available about: the risks to the river, cumulative impacts from further disposal decisions or proposals to leave waste in place, and the needs for remediation.

The Board is also concerned about numerous other projects which are not currently funded within the FY 2009 target budget. This includes retrieval and certification of transuranic (TRU) waste; demolition and decontamination within the Plutonium Finishing Plant complex; beginning design for remote-handled waste processing capability; and soil remediation at the N and K areas and in the U and BC Crib waste sites. Some of these projects would have been underway if available funding had not been diverted to higher-priority projects, such as K Basins.

TRU waste retrieval and mixed waste treatment are among the milestones forecast to be missed due to inadequate funding. TRU retrieval is a longstanding priority concern of the Board, as the current TPA milestone and DOE baseline only address the more recently stored TRU in unlined burial grounds, and make no provision for the removal and cleanup of the higher-risk TRU buried before 1970.

Advice:

- DOE-RL's target budgets are inadequate. Major projects described above that are important to protect the environment and meet regulatory agreements are not adequately funded. DOE needs to greatly increase the amount of cleanup funding provided for Hanford.
- Funding should be included in the FY 2008 and 2009 budgets to increase efforts for groundwater cleanup along the Columbia River.
- Funding for retrieval of TRU and other wastes from burial grounds should be included in target budgets on a timeline to meet the completion of non-tank farm soil site cleanups prior to 2024. U Area and BC Crib soil cleanups should be funded, as contamination is spreading and significant investment has been made in developing remediation plans.

Safeguards and Security Costs

As the Board has indicated several times in prior advice, the costs to protect Hanford's plutonium and other special nuclear materials should not be borne by the cleanup program. These costs currently total about \$80 million a year – nearly as much money as is spent on Hanford's groundwater program and about four times more money than is spent on Hanford's tank waste retrieval program. DOE had previously indicated that once Hanford's plutonium is moved off site – and the Board is still hopeful that process can begin later this year – security costs would significantly decrease. Recently, the Board was told that, due to increased security requirements, even when the plutonium is removed from Hanford, security costs will not likely decrease much, if at all.

Advice:

- Safeguards and Security costs do not belong in the cleanup budget, per the Board's prior advice. These funds should be made available for cleanup, and the cost of safeguards and security borne by the DOE program that owns the plutonium and special nuclear material.

DOE-ORP

The Board believes that DOE-ORP is providing insufficient priority to the removal of sludges and other wastes from Hanford's single-shell tanks. Because operation of the vitrification plant complex is delayed by a decade and there is a relatively small amount of double-shell tank space available, DOE-ORP therefore unilaterally plans to cut back its tank waste retrieval program to about one tank a year.

The Board strongly believes this is not acceptable. Based on that schedule, only about 20 of Hanford's 149 single-shell tanks will have been emptied by 2018 – the current legal deadline for retrieving wastes from all 149 single-shell tanks (M-045-05).

At \$273 and \$271 million proposed for FY 2008 and 2009, respectively, DOE-ORP's tank farm budgets are woefully inadequate. These amounts are more than \$50 million less than the FY 2006 funding level. However, it is not possible to determine how much should be sought due to DOE-ORP's failure to disclose the costs of unfunded work which could be undertaken to recover from failure to meet compliance schedules, especially waste retrieval from single-shell tanks. Choices for accommodating retrieved waste range from new double-shell tanks to early start-up of low-activity waste (LAW) vitrification. Funds are needed to initiate review and planning for these choices.

Advice:

- DOE-ORP's tank farm budgets are inadequate, especially for tank waste retrieval. The State of Washington should set a recovery schedule for retrieval activities and DOE-ORP should be required to request funds to meet that schedule. Leaving wastes in single-shell tanks long after 2018 will likely result in additional tank leaks, and further complicate (and delay) vadose zone and groundwater cleanup beneath the tanks.
- DOE-ORP's baselines need to account for cleanup of the contamination from tank waste leaks. The spreading contamination needs extensive characterization and adoption of plans for active remediation, as well as funds to prevent further spread of the technetium plume. Funds for these purposes must be requested now and included in targets.

Waste Treatment Plant (WTP)

DOE-ORP's proposed new baseline, budget request and target budgets fail to support the legally required efforts to attempt to recover from delays in start-up of the WTP. Target funding of \$690 million a year for the WTP reflects the minimum level of funding necessary to consistently move this project forward.

Advice:

- DOE should make every effort to accelerate the planned 2018 opening of the Waste Treatment Plant, in particular the LAW facility.
- DOE should contract to have an expert review of the potential to increase throughput of the LAW facility.

Bulk Vitrification (Bulk Vit)

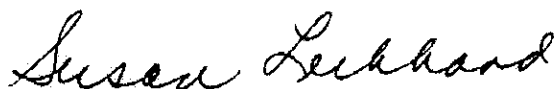
The Board is not unanimous in its view of bulk vit. Some would like to see the program canceled immediately, while others believe it is still a promising supplemental technology for treatment of Hanford's tank wastes.

The Board does agree that we can no longer continue to postpone a decision on whether bulk vit will be used at Hanford. If bulk vit is not the answer for technical, economic or other reasons, then we need to know that as soon as possible so DOE can move forward with funding and design of an additional low-activity vitrification facility or some other treatment path. The longer a decision on bulk vit is delayed, the more difficult it will be to have an alternate method of treatment available when needed.

Advice:

- DOE-ORP should work with its regulators to move forward and make a decision about the fate of bulk vit.
- DOE-ORP should analyze and provide to the Board and regulators the costs associated with the bulk vitrification demonstration moving forward and the likelihood of its success in resolving all technical and design issues, weighed against the cost of early startup and/or increasing capacity of the LAW facility. The window for planning earlier startup of LAW treatment is fast disappearing and needs funding in 2008 and 2009.

Sincerely,



Susan Leckband, Chair
Hanford Advisory Board

This advice represents HAB consensus for this specific topic. It should not be taken out of context to extrapolate Board agreement on other subject matters.

cc: Dave Brockman, Co-Deputy Designated Federal Official, U.S. Department
of Energy, Richland Operations Office
Nick Ceto, Environmental Protection Agency
Jane Hedges, Washington State Department of Ecology
Doug Frost, U.S. Department of Energy Headquarters
The Oregon and Washington Congressional Delegations

U.S. Department of Energy
Richland Operations Office and the Office of River Protection
FY2009 Cleanup Budget/Priorities Outreach
July, 2007

As part of DOE's commitment to seek, collect and consider input in the development of Hanford's budget, and per the direction of the Office of Environmental Management, we provided budget briefings and information to the Washington State Department of Ecology, U.S. Environmental Protection Agency and the Hanford Advisory Board at the onset and through the budget development process.

In addition, the Richland Operations Office and Office of River Protection jointly held five public meetings in Washington and Oregon to discuss the proposed FY2009 budget request and cleanup priorities. More than 100 people including elected officials, tribal nations, interest groups and the public attended the meetings to receive budget information and provide feedback for the development of the FY2009 request.

A FY 2009 budget webpage was developed as an additional electronic resource to disseminate budget information and collect public comment, and we provided budget and cleanup status briefings to community and civil organizations in the Tri Cities. In collaboration with the Hanford Advisory Board, the regulators and stakeholders, we developed a new tool this year, the Hanford Cleanup Priorities Pie Chart exercise, to elicit feedback from the public regarding their priorities for out year Hanford cleanup activities. The results of this exercise and the comments received are enclosed with this letter for your consideration in the development of the FY2009 budget request for Hanford.

Based on the comments, Pie Chart exercises, and dialogue that occurred in each meeting, securing more funds for Hanford cleanup remains a high priority for the public in the Pacific Northwest. Groundwater cleanup, tank farm retrievals, soil cleanup along the Columbia River, construction of the Waste Treatment Plant and building cleanout and demolition along the Columbia River ranked highest among priorities that require more focus and thus additional funding. Supplemental low-activity waste treatment, building cleanout and demolition on the Central Plateau and waste treatment and disposal (other than tank waste) ranked among the highest as areas that require less cleanup focus at Hanford.

Public and other feedback also reaffirmed that safeguarding plutonium and special nuclear material should not come out of the Office of Environmental Management's budget. The public wants the focus to remain on clean up of the Hanford Site before the

Department considers other potential missions such as the Global Nuclear Energy Partnership and nuclear energy initiatives.

We will continue to seek input on clean up priorities from our regulators, Tribes, stakeholders and members of the public and others through August 31, 2007. That input will also be provided to DOE Headquarters for consideration in the development of the FY2009 budget request for Hanford cleanup.

The written comments, public meeting themes, and cleanup exercise results are also available electronically on the Hanford website at www.hanford.gov. Please contact Karen Lutz, Richland Operations Office at 509-376-4766, or Erik Olds, Office of River Protection at 509-372-8656 with any questions regarding these materials.

FY 2009 Cleanup Priorities Pie Chart Exercise

Below are the results of the Hanford Cleanup Priorities Pie Chart Exercise. Numbers indicate total number of stars or circles assigned by meeting participants to a given set of work activities. Participants received a total of 12 colored stars or circles. The 12 circles or stars were divided by color into two sets of six. Participants could place 0-6 stars (circles) on work activities they felt should receive more focus and 0-6 stars (circles) on those activities they felt should receive less focus.

More Focus

	Groundwater Cleanup of Existing Plumes River Corridor	Tank Farm Retrieval	Groundwater Cleanup of Existing Plumes Central Plateau	Contaminated Soil Cleanup River Corridor	Construct Waste Treatment Plant	Building Cleanup & Dem. River Corridor	Waste Treatment & Disposal	Contaminated Soil Cleanup Central Plateau	Supplemental Treatment	Other	Building Cleanup & Dem. Central Plateau
Richland	19	17	20	11	11	7	5*	12	6	8	1
Seattle	25	25	14	11	9	8	5	4	5	8	2
Spokane	21	8	10	10	14	3	8	2	7	0	0
Hood River	1	0	1	1	0	1	0	1	0	0	0
Portland	6	7	5	5	4	4	3	1	0	2	0
Total	72	57	50	38	38	23	21	20	18	18	3

* The category was called Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)

Less Focus

	Supplemental Treatment	Building Cleanup & Dem. Central Plateau	Other	Building Cleanup & Dem. River Corridor	Waste Treatment & Disposal	Contaminated Soil Cleanup Central Plateau	Construct Waste Treatment Plant	Tank Farm Retrieval	Contaminated Soil Cleanup River Corridor	Groundwater Cleanup of Existing Plumes River Corridor	Groundwater Cleanup of Existing Plumes Central Plateau
Richland	15	23	6	16	22***	5	6	3	5	3	1
Seattle	24	9	19	1	2	5	2	0	1	0	1
Spokane	5	16	10	9	1	5	6	3	2	1	2
Hood River	5	0	0	0	0	0	0	0	0	0	0
Portland	15	3	2	1	0	2	0	0	0	0	0
Total	64	51	37**	27	25	17	14	6	8	4	4

** 8 - GNEP, 5 - stop storage of plutonium, 3 - physical/employee security, 2 - import waste, 2- FFTF, 2- new weapons, 2- new power plants

***Large number is based on comments to remove plutonium from the site/from the cleanup budget

Number of Individuals Participating in the Exercise

Richland	19	Spokane	15
Seattle	21	Hood River	2
Portland	12	Total	69

If DOE were to receive more money, where should it be spent? Write your three priorities in the order of importance (1, 2, and 3) based on the work scope identified in the pie chart.

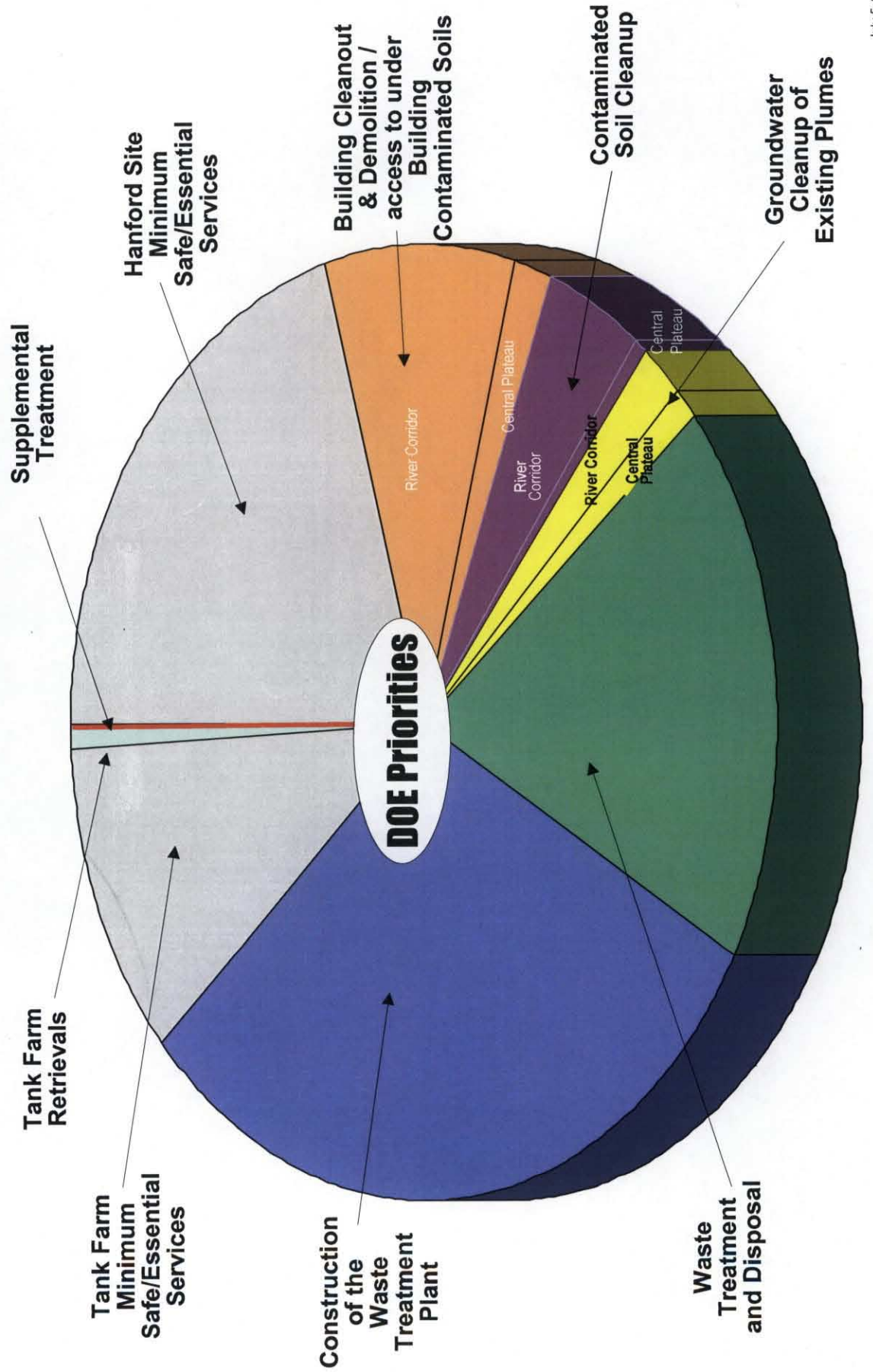
This question was added after the Richland public meeting based on input received from that meeting. Responses to this question were generally consistent with the findings of the Cleanup Priorities Pie Chart Exercise (more focus, less focus).

Below is a listing (highest to lowest) of the total number of times a given work scope appeared as a priority (first, second, or third):

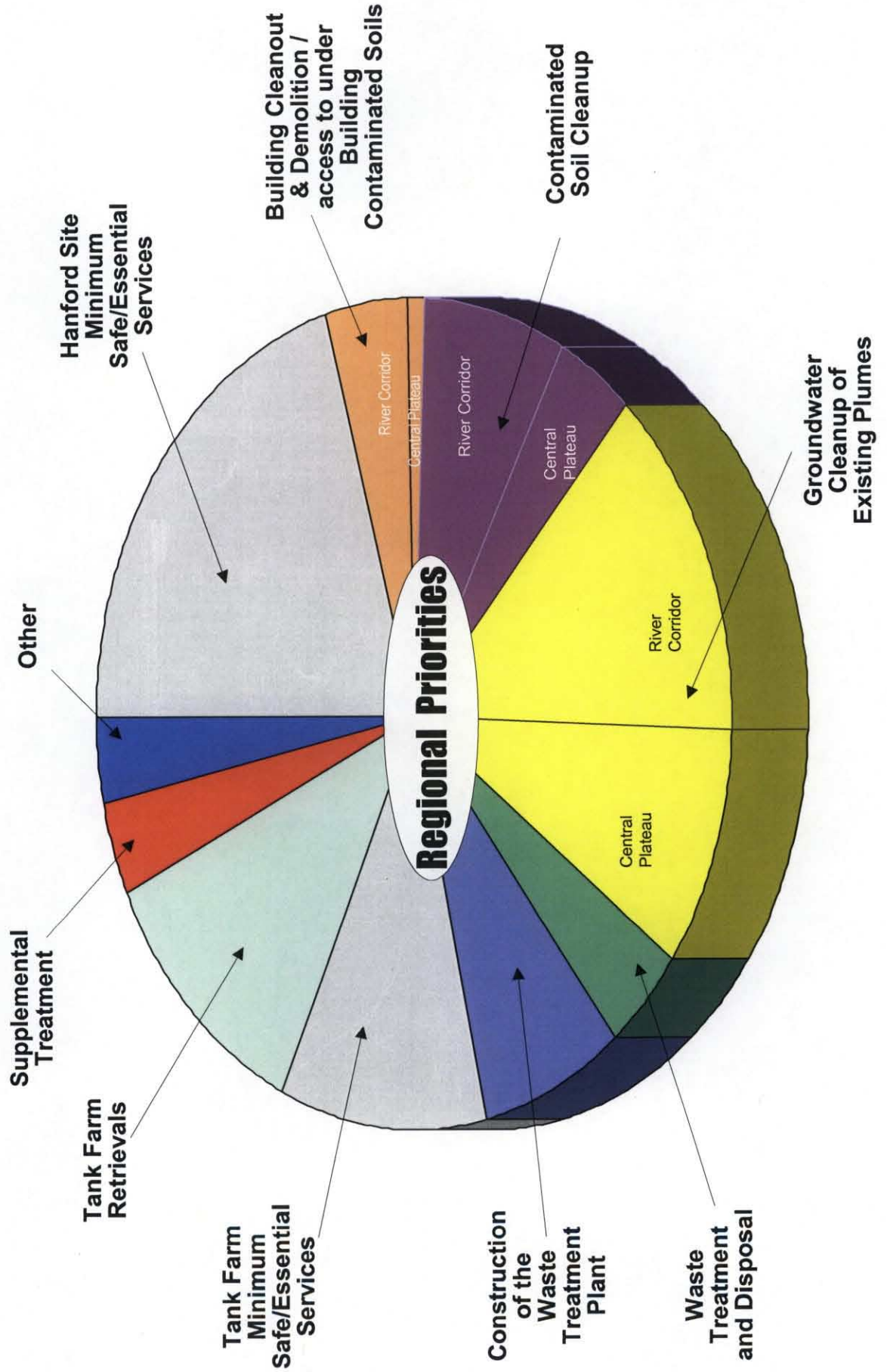
Groundwater	20
Tank Farms	11
Soils	8
Waste Treatment Plant	6
More money	4
Dismantle/decommission FFTF	3
Cleanup	3
TPA Compliance	2
Supplemental Treatment	2
Tru	2
Build new DST	2
Other	19

Proposed Hanford 2009 Cleanup Priorities

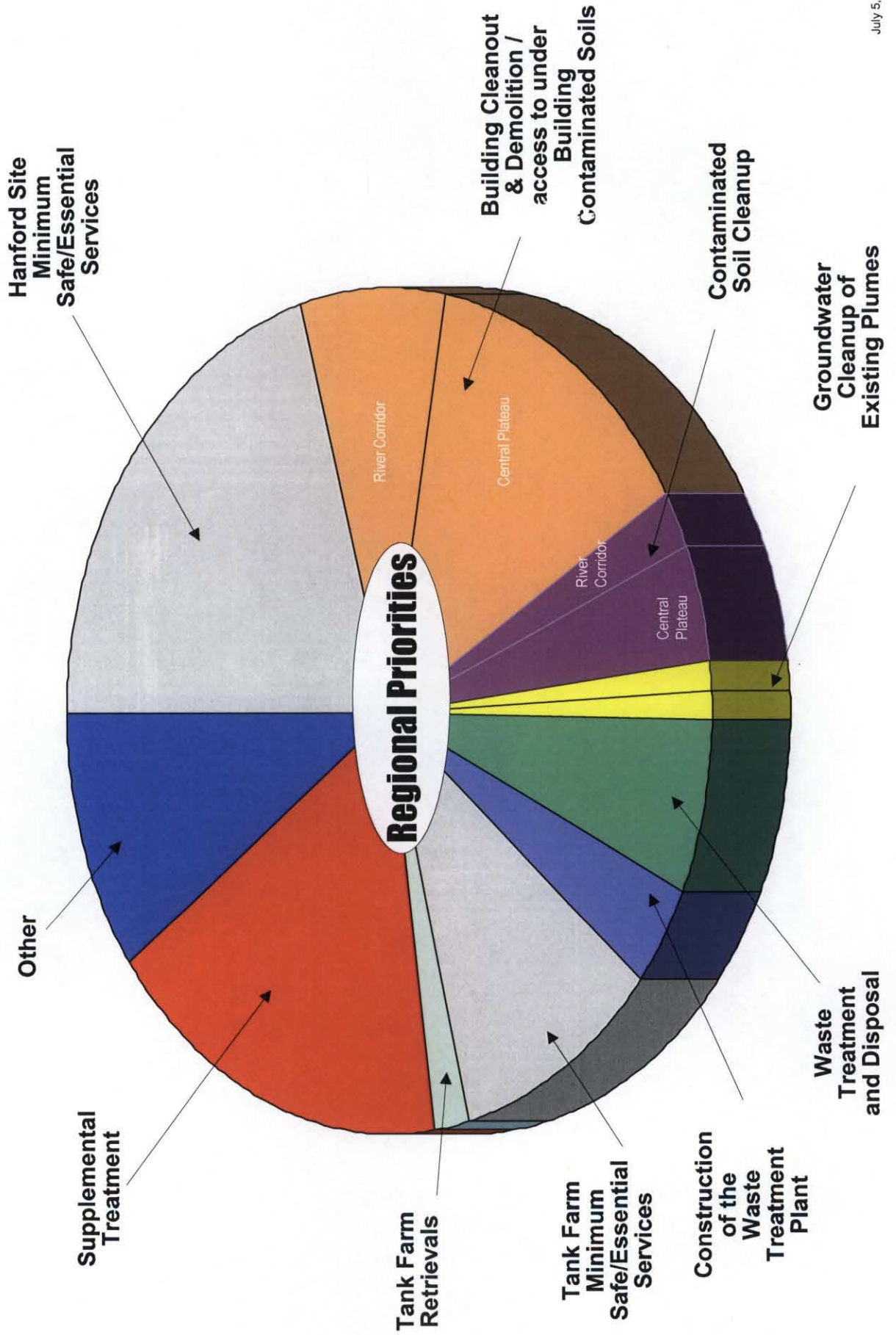
“\$2 Billion Annual Funding”



Regional Priorities - More Focus



Regional Priorities – Less Focus



FY 2009 Budget – Hanford Public Outreach
Synthesis of Written Comments

Richland

- Presentations lacking out year budget information, especially long-term shortfalls; need bigger picture information
- Not enough information on types of choices need to be able to set priorities and for renegotiating the Tri-Party Agreement
- No information on 2009 shortfalls; ORP not provide cost information on “over target”
- Not like Cleanup Priorities Exercise zero-sum game constraint
- Need an assessment of consequences to be able to do the Cleanup Priorities Exercise; need to be able to understand consequences of delaying work scopes

Seattle

- Would like information to be placed in libraries for easier access and limit need for paper copies
- The administration chose to put resources on fighting wars not cleanup
- No new nuclear power plants until/unless you can deal with the side effects and have dealt with the waste legacy of the past
- Not like the zero-sum constraint of the Cleanup Priorities Exercise; need more taxes on those who can afford it
- Need more research monies
- Do not spend more money on GNEP
- New storage tanks could buy time to ensure the vit plant is built safely and can function
- Must do damage assessment for the Native Americans by demanding a new expanded budget
- Need public awareness campaign; identify and work with individuals who can influence policy to help make cleanup a higher priority; emphasize cleanup as a preventative measure in the “war on terror” – raw nuclear waste is potential fuel for terrorist activities
- Stop putting money into WMD and take care of problems here
- Devote more time to public comment and less to speakers giving detailed information; presentations ran over schedule and some people left before the public could speak
- Public is concerned about balance between cleanup and other nuclear activities
- Could state build some double-shell tanks for temporary storage?
- Need more money; need to do all cleanup activities at once
- Cleanup must not be compromised by 1) importing waste from outside the state, 2) creation of additional nuclear waste at Hanford, 3) diversion of budget to any activities at Hanford not directly supporting cleanup, or 4) diversion of USDOE budget to weapons production of nuclear energy production.
- Cleanup must include facilities, their contents, soil and groundwater

- Must eliminate politics and graft from Hanford and we must never store nuclear materials there
- The site must be cleaned up in our lifetime.
- Clean it up – clean it all up.
- No new nuclear waste for Hanford
- No reprocessing of spent fuel
- Comply with the Hanford Cleanup Agreement or face future litigation
- Meet your budget and milestone commitments
- Cleanup Hanford
- How long does it take to construct a double-shell tank? How much does it cost? Are there plans now to build any?

Spokane

- Contamination of drinking water is of primary concern
- Rearrange federal priorities – stop putting money into the war; put it into Hanford
- Watch contractors for honesty
- Don't import more waste.
- No new additional waste should be disposed at Hanford before is in complete compliance
- Clean up existing pollution is highest priority
- Thanks for all you are doing to clean up our "world."
- Need citizens involved to end the war and redirect \$\$ to clean up.
- Eliminate nuclear weaponry
- Ask Congress for more clean up \$\$
- Need to determine cost of cleaning up nuclear debris which is essential to considering nuclear reactors as an affordable alternative energy source
- Must have hard time lines for Hanford clean up or require penalties
- Recommend cost incentives to contractors to accelerate clean up
- Need an aggressive public information campaign for the vitrification plant
- If want a GNEP program, clean up lot of the mobile waste and prove the vit plant would be able to vitrify all additional high-level waste

Hood River

- Need a new, bigger pie
- Not feel could do exercise; gut level choice would be groundwater but do not know implications to other work scope
- Spend some money on advertising, educating; frame this issue like global warming was framed
- How will the data from this exercise be compiled and used? Do not assume these are all the choices. Include real dollar amounts
- Would like to feel that the River is safe for my grandchildren, my animals, myself. I don't. What is the highest priority clean up category?
- This exercise should have been mailed out in advance of the meeting with an explanation. Need more trade-off information.
- Budget mailer was uninformative. Why should someone come to this meeting?

- Should have called this a meeting to set long-term priorities.
- Need to present the target vs. planned/required work to Congress
- Do much more to publicize Hanford cleanup (e.g., global warming)
- Frame the pie-chart question in terms of examples and language people can understand to better understand ramification if something does or does not happen
- More money for cleanup; meet milestones
- Cleanup of the groundwater/aquifer under Hanford #one priority. Current budget shows DOE still does not want to agree to enforceable milestones to cleanup the groundwater
- Current pie chart shows inadequate funding for soil and groundwater cleanup
- Need more resources to adequately characterize the soil and groundwater and make that information publicly available
- Not sufficient budget to adequately investigate Central Plateau waste site contamination; need adequate characterization data
- Other critical failure is current schedule to retrieve single-shell tank waste (one tank per year); these tanks have exceeded their design life.
- DOE continues to not characterize the vadose-zone below the high-level tanks

Portland

- The pie chart exercise was not useful for those who do not know a great deal about Hanford.
- Short of cleanup, my focus would be on containment.
- Are we tracking where radioactive waste are escaping and at what rate?
- Cleanup today will be less costly than cleanup in five, ten, fifteen years.
- Steady and increasing funding as years go by.
- Exercise is of no use.
- Utilize assistance of state, federal and tribal expertise on environmental issues.
- Exercise avoids problem that nuclear cleanup is under funded. Need a bigger pie. Take funds out of DOD, GNEP, warheads, etc.
- Future budget information should provide: 1) baseline budget, 2) over target budget, 3) maximum budget to do maximum work that Hanford budget could effectively use. Would like to know what budget Hanford really needs.
- Bigger pie.
- Cannot pull apart Hanford cleanup into pieces. They are all related.
- DOE needs to do an honest and full-fledged baseline of what can be effectively each year over the lifetime of cleanup.
- Glad to learn large chromium source found.
- Focus must be on meeting all TPA milestones on time.
- Must be TPA standards for cleaning up the groundwater.
- DOD should pay for plutonium storage and protection.
- Get Trojan's waste off the Columbia River.
- Thank you for the cleanup done; do cleanup more quickly. One tank a year is terribly slow.
- Do not produce any more waste.

- To save the Columbia River and the Columbia Gorge WTP and site cleanup are needed.
- Continue the tight oversight put into place the past year over BNI.
- Congress needs to remain committed to WTP level funding (\$690M) per year.
- Integrate site activities. Groundwater remediation is a good first step. Need appropriate treatment facilities for each waste type.
- Cleanup and GNEP are conflicting missions.
- We ask Congress for:
 - Level funding of \$690M/year
 - Additional funding to build new tanks until treatment plant is running and working
 - ORP budget information be made available to the public
 - Halt all GNEP projects
- DOE must re-direct cleanup funds from closed small sites to the larger ones.
- Groundwater funding is inadequate.
- Other projects that cannot wait for future funding are: retrieve and certify TRU waste, D&D PFP, design remote-handled TRU processing capabilities, remediate U and BC crib waste sites
- DOE should not pay for safeguard and security of special nuclear materials
- Cleaning out the SST must be a high priority
- Bulk vitrification is facing six year delay and \$3B price tag – further boondoggles not needed
- When milestones go unmet, how can DOE push GNEP and Complex 2030?
- Nuclear threat in U.S. is from within not from terrorists.

On Line Comments

- Clean it up; clean it up right.
- Too little emphasis on development and use of risk assessment tools, educating on value and limitations of risk assessment and importance of risk assessment results in decision making.
- Characterization should support risk assessment models.
- Should be directing funds to near-surface or groundwater risks further from the river not the River Corridor
- LAW once separated should go back to the tanks not vitrified.
- Higher tank residuals (above the current 1% target) are reasonable. Determine best combination of material to backfill the tanks and improve degree of homogenization between residual waste and backfill.
- You've not compiled a budget that meets regulatory requirements.
- Remove non-cleanup expenditures from your budget, e.g., security for weapons-grade plutonium
- Be open, honest and transparent, e.g., release information without FIOA
- Stop pretending that you are not missing milestones when in fact you've erased milestones by amending the TPA
- Do not support GNEP, which will bring in more waste

- Do not hire a contractor who ignores worker health concerns in worker compensation claims
- Budget priorities process is not a zero-sum game
- Seattle meeting started too late.
- Retrieving SST is going too slowly. Many need to build more DST.
- Ask for the resources to do what you are required to do. Fulfill your legal and moral obligations.
- Removing shoreline contamination is #1 priority; sludge and unsustainable containers must be removed (#2 priority).
- Do not trust any of the three TPA agencies
- Oppose continued construction of vitrification plant until all profit making is removed, no additional waste will come in and adequate compensation is paid to the Native Americans. Contain contaminated matter as best you can as far away from the water
- Invest in more sustainable forms of energy and Peace.
- Hanford clean up needs a bigger budget – rate of cleanup is unacceptable.
- No longer fund bulk vitrification; reallocate those funds to other cleanup work
- Plutonium processing and removal costs should be paid by DOD.
- Funds for GNEP, restart of FFTF, Complex 2030 should be reallocated to Hanford cleanup.
- Emptying one SST a year is unacceptable
- Treating the groundwater needs full funding; should be part of the TPA.
- Appreciate DOE's commitment to provide access to budget information.
- OMB target budgets for Hanford cleanup do not support work needed to meet existing compliance agreements.
- Sizeable funding shortfall anticipated in future years (2009-2013)
- ORP should provide more information on compliance budget needed
- Both RL and ORP made efforts to balance inadequate funding between competing priorities and requirements
- DOE can bridge compliance gap by agreeing to its previous commitment to use funds saved from early closure of small sites for the remaining larger sites (e.g., 2006 Closure Account).
- Be completely open with regulators and the public about projected funding shortfalls
- Groundwater funding is inadequate. Real groundwater cleanup goals are needed with enforceable schedules.
- Some examples of other important unfunded work include retrieve and certify TRU waste, D&D PFP, design remote-handled TRU processing capabilities, remediate U and BC crib waste sites, N and K areas soil cleanup
- Pre-1970 TRU waste is a higher risk and needs to be addressed
- Target budgets are inadequate
- Plutonium and other special nuclear material costs should not be funded with cleanup dollars
- ORP has not placed sufficient priority on removing wastes from SSTs. ORP should request funds to meet retrieval recovery schedule.

- ORP baseline needs to account for cleanup of contamination from tank leaks.
- Target funding of \$690M for WTP fails to support legally required recovery efforts to start up the facility.
- Accelerate planned 2018 opening of WTP, especially the LAW facility
- Have an expert explore potential for increasing throughput of the LAW facility
- Do not postpone longer the decision on using bulk vitrification
- Need to analyze and provide information on the cost, viability, technical issues of bulk vitrification vs. early startup and/or increased LAW capacity.

FY 2009 Budget – Hanford Public Outreach
Major Written Comment Themes

No other nuclear efforts (GNEP, power plants, weapons) before cleanup; stop GNEP; cleanup and GNEP are conflicting missions	14
Funding/budgets	
• More money needed; bigger pie needed; cleanup under funded	10
• Need money for damage assessment	1
• Inadequate funds for soils and groundwater	2
• Present target funding vs. planned, required work; be honest About funding shortfalls	2
• Direct savings from small closed sites to larger sites	2
• Budget insufficient for Central Plateau waste sites	1
• Need to know real Hanford Cleanup costs	1
Comply with the TPA, meet milestones, legal requirements	6
Need firm cleanup schedules	1
DoD should pay for Hanford plutonium storage; remove from cleanup Budget	5
Waste	
• Do not import more waste; no new waste	5
• Address pre-70 TRU	3
Cleanup	
• Cleanup Hanford; existing waste	5
• Cleanup must include facilities, soil, groundwater	1
• If you cannot cleanup, contain	2
• Remove shoreline contamination	1
Groundwater	
• Cleanup groundwater; funding inadequate	5
• Need milestones; enforceable schedules	4
Tanks	
• New double-shell tanks needed; fund DST	5
• Single-shell tank cleanup schedule is unacceptable/too slow	7
• Bulk vitrification is over budget and behind schedule; no longer fund	3
• Make a decision on bulk vitrification; compare information with LAW; Accelerate AW	4

• Need level WTP funding; increase	1
• Need more information on ORP compliance budget	2
• Characterize the vadose zone below the tanks	1
Exercise	
• Better identity budget tradeoffs	5
• Not like zero-sum exercise	6
• Need more choices; real dollar amounts	1
• Mail exercise out before the meeting	1
Information	
• Good access to budget info	1
• Need more, better information	2
• Need better access to information	1
• Budget mailer uninformative	1
• Need greater public awareness; informational campaign	3
• Better use risk assessment information	1
Miscellaneous	
• Thank you for the cleanup work done	2
• Be open, honest, transparent	1
• Shorten presentations; start meetings on time	2
• Glad to learn you found the chromium source	1
• River not safe	1

HANFORD ADVISORY BOARD

A Site Specific Advisory Board, Chartered under the Federal Advisory Committee Act

Advising:

US Dept of Energy
US Environmental
Protection Agency
Washington State Dept
of Ecology

June 8, 2007

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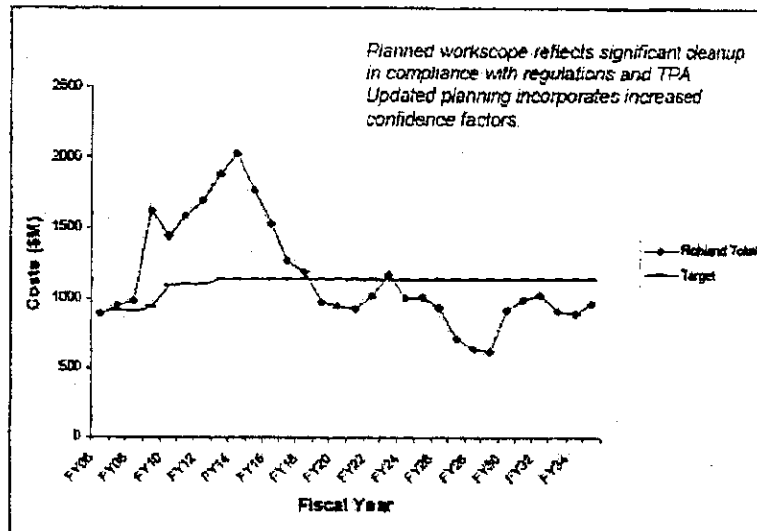
Re: FY 2008-2009 and Outyear Budgets

Dear Messrs. Weis and Manning, Ms. Olinger and Ms. Miller,

The Hanford Advisory Board (Board) sincerely appreciates the Department of Energy's (DOE) recent commitment to provide access to information about program budgets. Guidance provided to DOE field offices from DOE-Headquarters (DOE-HQ) in February 2007 reversed the trend of limitations on available information. This reversal has given the Board the opportunity to provide meaningful comments about priority and funding needs.

Nevertheless, the Board is deeply concerned that "target budgets" approved by the White House Office of Management and Budget (OMB) for Hanford cleanup funding fall drastically short of supporting the work needed to be done to meet existing compliance agreements and to adequately protect the environment. The DOE-Richland Operations Office (DOE-RL) anticipates this shortfall to be as much as \$5 billion over the ten year period beginning in Fiscal Year (FY) 2009. In FY 2009 alone, the cost of unfunded cleanup work is approximately \$500 million.

Richland Operations Office Planned Work Scope Compared to Provided Targets



This DOE chart shows the DOE-RL cleanup budgets (“target”) approved by the OMB from 2009 through 2013, followed by DOE’s assumed level funding for the years following. Also shown is the amount of funding DOE-RL estimates will be necessary to meet the current cleanup milestones and perform other important work (Richland Total). DOE-ORP also projects a funding shortfall – of as much as \$560 million during the five year period beginning in FY 2009.

For the most part, DOE-RL and DOE-ORP provided the Board and public with sufficiently detailed information for us to provide on cleanup priorities. The Board was not provided with details on the cost of compliance work that is not part of DOE-ORP’s target budget for FY 2009. The Board desires that information and it should be provided.

The Board considers that both DOE-RL and DOE-ORP have made significant effort to balance inadequate funding allocations between competing priorities and requirements.

The Board believes DOE can bridge this “compliance gap” by abiding by its prior commitments to use the funds saved from early cleanup and closure of small DOE sites (such as Rocky Flats, Fernald and Mound) for the remaining large sites. DOE made this commitment in establishing a “2006 Closure Account” in Congressional Budget Requests and other communications. For FY 2009, DOE’s proposed total

nationwide cleanup budget is more than \$900 million lower than the 2006 funding appropriated by Congress.

Advice

- Now that several of its smaller sites have closed or are closing, DOE-HQ should live up to its commitment to re-direct cleanup funds back to the larger, more contaminated sites in the DOE nuclear weapons complex. Washington State should firmly remind DOE of this commitment.
- DOE should be completely open with its regulators and the public about the specifics of projected funding shortfalls.

DOE-RL

Among specific projects within DOE-RL, groundwater funding in FY 2009 is particularly inadequate. DOE-RL acknowledges that the cost of starting required groundwater cleanup planning, investigation and interception (not full scale remediation) activities in FY 2009 would require more than \$200 million above the proposed funding level. Recent Congressional add-ons for Hanford groundwater programs of \$10 to \$20 million a year are helpful but do not make a meaningful dent in groundwater cleanup.

The Board has previously advised that Tri-Party Agreement (TPA) and DOE baselines should include the start of cleanup of groundwater contamination in each area along the Columbia River within one year after completion of the soil sites cleanup for each area. Major TPA negotiations are just underway, with the State of Washington and the U.S. Environmental Protection Agency having said that groundwater cleanup goals are a key objective. Funding shortfalls for groundwater must not prevent adoption of real goals for cleanup of groundwater with firm, enforceable schedules. Groundwater unit investigations must be funded and returned to a compliant schedule, in order for the most basic information to be available about: the risks to the river, cumulative impacts from further disposal decisions or proposals to leave waste in place, and the needs for remediation.

The Board is also concerned about numerous other projects which are not currently funded within the FY 2009 target budget. This includes retrieval and certification of transuranic (TRU) waste; demolition and decontamination within the Plutonium Finishing Plant complex; beginning design for remote-handled waste processing capability; and soil remediation at the N and K areas and in the U and BC Crib waste sites. Some of these projects would have been underway if available funding had not been diverted to higher-priority projects, such as K Basins.

TRU waste retrieval and mixed waste treatment are among the milestones forecast to be missed due to inadequate funding. TRU retrieval is a longstanding priority concern of the Board, as the current TPA milestone and DOE baseline only address the more recently stored TRU in unlined burial grounds, and make no provision for the removal and cleanup of the higher-risk TRU buried before 1970.

Advice:

- DOE-RL's target budgets are inadequate. Major projects described above that are important to protect the environment and meet regulatory agreements are not adequately funded. DOE needs to greatly increase the amount of cleanup funding provided for Hanford.
- Funding should be included in the FY 2008 and 2009 budgets to increase efforts for groundwater cleanup along the Columbia River.
- Funding for retrieval of TRU and other wastes from burial grounds should be included in target budgets on a timeline to meet the completion of non-tank farm soil site cleanups prior to 2024. U Area and BC Crib soil cleanups should be funded, as contamination is spreading and significant investment has been made in developing remediation plans.

Safeguards and Security Costs

As the Board has indicated several times in prior advice, the costs to protect Hanford's plutonium and other special nuclear materials should not be borne by the cleanup program. These costs currently total about \$80 million a year – nearly as much money as is spent on Hanford's groundwater program and about four times more money than is spent on Hanford's tank waste retrieval program. DOE had previously indicated that once Hanford's plutonium is moved off site – and the Board is still hopeful that process can begin later this year – security costs would significantly decrease. Recently, the Board was told that, due to increased security requirements, even when the plutonium is removed from Hanford, security costs will not likely decrease much, if at all.

Advice:

- Safeguards and Security costs do not belong in the cleanup budget, per the Board's prior advice. These funds should be made available for cleanup, and the cost of safeguards and security borne by the DOE program that owns the plutonium and special nuclear material.

DOE-ORP

The Board believes that DOE-ORP is providing insufficient priority to the removal of sludges and other wastes from Hanford's single-shell tanks. Because operation of the vitrification plant complex is delayed by a decade and there is a relatively small amount of double-shell tank space available, DOE-ORP therefore unilaterally plans to cut back its tank waste retrieval program to about one tank a year.

The Board strongly believes this is not acceptable. Based on that schedule, only about 20 of Hanford's 149 single-shell tanks will have been emptied by 2018 – the current legal deadline for retrieving wastes from all 149 single-shell tanks (M-045-05).

At \$273 and \$271 million proposed for FY 2008 and 2009, respectively, DOE-ORP's tank farm budgets are woefully inadequate. These amounts are more than \$50 million less than the FY 2006 funding level. However, it is not possible to determine how much should be sought due to DOE-ORP's failure to disclose the costs of unfunded work which could be undertaken to recover from failure to meet compliance schedules, especially waste retrieval from single-shell tanks. Choices for accommodating retrieved waste range from new double-shell tanks to early start-up of low-activity waste (LAW) vitrification. Funds are needed to initiate review and planning for these choices.

Advice:

- DOE-ORP's tank farm budgets are inadequate, especially for tank waste retrieval. The State of Washington should set a recovery schedule for retrieval activities and DOE-ORP should be required to request funds to meet that schedule. Leaving wastes in single-shell tanks long after 2018 will likely result in additional tank leaks, and further complicate (and delay) vadose zone and groundwater cleanup beneath the tanks.
- DOE-ORP's baselines need to account for cleanup of the contamination from tank waste leaks. The spreading contamination needs extensive characterization and adoption of plans for active remediation, as well as funds to prevent further spread of the technetium plume. Funds for these purposes must be requested now and included in targets.

Waste Treatment Plant (WTP)

DOE-ORP's proposed new baseline, budget request and target budgets fail to support the legally required efforts to attempt to recover from delays in start-up of the WTP. Target funding of \$690 million a year for the WTP reflects the minimum level of funding necessary to consistently move this project forward.

Advice:

- DOE should make every effort to accelerate the planned 2018 opening of the Waste Treatment Plant, in particular the LAW facility.
- DOE should contract to have an expert review of the potential to increase throughput of the LAW facility.

Bulk Vitrification (Bulk Vit)

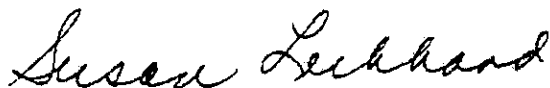
The Board is not unanimous in its view of bulk vit. Some would like to see the program canceled immediately, while others believe it is still a promising supplemental technology for treatment of Hanford's tank wastes.

The Board does agree that we can no longer continue to postpone a decision on whether bulk vit will be used at Hanford. If bulk vit is not the answer for technical, economic or other reasons, then we need to know that as soon as possible so DOE can move forward with funding and design of an additional low-activity vitrification facility or some other treatment path. The longer a decision on bulk vit is delayed, the more difficult it will be to have an alternate method of treatment available when needed.

Advice:

- DOE-ORP should work with its regulators to move forward and make a decision about the fate of bulk vit.
- DOE-ORP should analyze and provide to the Board and regulators the costs associated with the bulk vitrification demonstration moving forward and the likelihood of its success in resolving all technical and design issues, weighed against the cost of early startup and/or increasing capacity of the LAW facility. The window for planning earlier startup of LAW treatment is fast disappearing and needs funding in 2008 and 2009.

Sincerely,



Susan Leckband, Chair
Hanford Advisory Board

This advice represents HAB consensus for this specific topic. It should not be taken out of context to extrapolate Board agreement on other subject matters.

cc: Dave Brockman, Co-Deputy Designated Federal Official, U.S. Department
of Energy, Richland Operations Office
Nick Ceto, Environmental Protection Agency
Jane Hedges, Washington State Department of Ecology
Doug Frost, U.S. Department of Energy Headquarters
The Oregon and Washington Congressional Delegations

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June 15, 2007

Ms. Lutz and Mr. Olds:

Oregon Physicians for Social Responsibility (PSR) submits the following as comment on the Hanford 2008 and 2009 budget priorities.

First, any discussion of priorities for Hanford clean up must be prefaced by saying that Hanford clean up needs a bigger budget. It is inexcusable that Hanford clean up is given approximately the same size budget each year while waste continues to sit in tanks, becoming more dangerous by the year. The question should not be "Which parts of clean up should DOE prioritize over other clean up?" Rather, the question should be "How can Hanford clean up receive full funding for the work it can efficiently perform each year?" The rate of clean up is unacceptable and hazardous to public health and the environment. The DOE needs to request more funds and create a larger budget "pie."

One portion of the budget needs to be removed entirely: the supplemental bulk vitrification project funds. The U.S. Government Accountability Office has recommended that past justification for bulk vitrification is no longer valid and that these funds should be reallocated to other clean up measures. Oregon PSR strongly agrees.

Other portions of Hanford clean up that relate to plutonium processing and removal should be paid for by the Department of Defense. The plutonium that the DOD may use for future nuclear weapons, such as the Reliable Replacement warhead (RRW), should not be considered part of Hanford clean up and those funds for plutonium removal should come from the DOD.

Within the DOE budget, funds currently allocated for new nuclear weapons programs, such as RRW, the Global Nuclear Energy Complex, restarting the FFTF, Complex 2030 and new plutonium pit facilities, should be budgeted instead for Hanford clean up. In addition, subsidies for the nuclear power industry should also be reallocated for nuclear waste clean up.

The current timeline of emptying one single shell tank a year is unacceptable. The longer this removal takes, the more expensive clean up becomes and waste is more likely to

leak. Waste removal from single shell tanks needs to be prioritized. Additional funds should also be slotted to Low Activity Waste Vitrification.

In order to move forward with groundwater clean up, pump and treatment systems need more funding. Groundwater treatment should be a part of the TPA and should have full funding.

In conclusion, Oregon PSR recommends that DOE allocate full funding to Hanford clean up each year. The current rate of clean up is hazardous to public health and the environment. Additional funds can and should be effectively used to do as much clean up as possible each year.

Sincerely,

Angela Crowley-Koch
Executive Director
Oregon Physicians for Social Responsibility
921 SW Morrison St. Suite 308
Portland, OR 97205
Ph: 503-274-2720
FAX: 503-417-7902
www.oregonpsr.org

June 6, 2007

Statement regarding Hanford Cleanup Priorities

The US Dept. of Energy (USDOE) has plainly stated that you are “required to prepare an annual budget submittal that is consistent with the Hanford Federal Facility Agreement and Consent Order, also known as the Tri-Party Agreement (TPA), and meets regulatory requirements.” It is clear that you have not. Otherwise, there would be far fewer missed “milestones” from the TPA and work would be much farther along.

Overall, USDOE must do the following:

1. Prepare a budget request that will enable
 - a. Meeting milestones per the TPA, and
 - b. Making up for missed milestones (which put you in violation of the TPA).
2. Remove from your budget those expenditures that are not “cleanup,” i.e., security for weapons-grade plutonium at the site.
3. Comply with the Federal Facilities Compliance Act (FFCA) and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) by requesting and obtaining sufficient funding to do so.
4. Make clear that any federal officials who take/sign an oath of office are violating that oath if they do not support the above.

As a part of the above, USDOE must:

1. Not only request, pro forma, the necessary funding, but actively push, promote and lobby for it through the bureaucracy and the congress.
2. Be honest and transparent about what you do
 - a. Releasing information without formal Freedom of Information Act requests for the documentation, and
 - b. Stop pretending you are not missing milestones just because amendments to the TPA have erased those milestones from the agreement.
3. Stop conspiring with TRIDEC and others in the Tri-City area to bring in more waste through the ill conceived “Global Nuclear Energy Partnership” or GNEP. (Even TRIDEC notes in its report that “cleanup ... must come first” and that “bringing additional nuclear waste into the state would be met with significant resistance.”)
4. Stop the use of an outside contractor who tries to ignore worker health concerns in worker compensation claims.

Unlike the exercise that was scheduled to be run at the 2007 budget meeting on June 4, 2007, this budget priorities process is not about playing a “zero sum” game. You are required by law, a consent agreement and an oath of office to request adequate funding. It is not about trading off one part of what is required something else – it is required that everything which has been agreed to be done.

It was disappointing that those running the aforementioned budget meeting on June 4 were unable to come even close to staying on-time. I needed to leave at 8:30 – a full 20

minutes after the question and answer session was scheduled to start. Instead, the meeting was more than an hour behind schedule – in no small part because you started late.

Nonetheless, it was apparent from comments made that there is not an intention to comply with the law and consent order. I believe it was Mr. Weigman who stated that emptying the leaking, high-level waste tanks is “paced by our ability to treat waste,” and, as such, plans call for emptying one tank per year.

Agreed-to milestones, however, call for much more work to be done – and done faster. If that requires building more double-shell tanks, that is what must be done. The single-shell tanks must be emptied as one of the major threats to the environment and human health.

In conclusion, it is apparent that there is far too much deference to what the administration says you can ask for. This is NOT A ZERO SUM GAME of trading one set of required work for another. The law requires certain things that you keep pushing out into the future, and this is not an acceptable way to approach cleaning up the most-contaminated site in the western hemisphere.

Ask for the resources necessary to do all of what you are required to do, and fulfill your obligations – both legal obligations and moral ones.

Bob Cooper, Representing Heart of America Northwest.

Comments on future Hanford waste clean up funding

1. Nuclear waste - whether it's from a power plant or nuclear weapons - is unsustainable because there is a limited supply of uranium, and global warming is no excuse for creating more of it.

2. We are all in this together - whether we profit from this problem, or are only its victims.

3. We are at war to defend our oil supply, not our well-being, not even our economy.

4. Nature has no rights, and under our existing laws, nature - rivers, wildlife, forests, air, soil - cannot defend itself.

5. Water is, to me, the most crucial, and I think that removing shoreline contamination is #1, and must be continued as long as it takes.

The sludge, and containers which are all unsustainable, must be removed, that is my priority #2.

Putting it out on the highways where it radiates out into traffic is wrong-headed, and a waste of time and resources, no matter who profits from its transport, and regardless of the danger of a traffic accident which can happen at any time and any place.

6. Cost of the wars in the Middle East, while very profitable to some folks, cuts domestic funding for all social benefits, including the superfund renewal.

7. I don't trust the Dept. of Energy to handle our limited financial resources, or the Dept. of Ecology to seriously protect our natural resources, nor the EPA to enforce any rights but those of corporate "personhood" which is an anomaly because corporations don't suffer the liabilities of U.S. citizens who are fined, or removed from society, when they violate the rights of others - while corporations threaten us all with their "loss of future profits".

8. I suspect that a vitrification plant would be an open invitation for more nuclear waste dumping at Hanford - regardless of our referendum on I-297, and for more nuclear power plants and warheads.

Therefore, until all profitmaking is removed from the construction of a completed vitrification plant, and I am certain that no additional nuclear waste will come in, and compensation - adequate compensation - is paid to our Native Americans for their loss and suffering resulting from contamination of their means of subsistence, their land...

I oppose continued construction of the vitrification plant and I propose, instead, that all contaminated matter be contained, as well as possible, as far from our waterways as possible, as high as possible, and as far from human settlements and biodiversity as possible - as a monument to many failures.

And that we demand of our government a great change: (1) toward investment in solar, wind, biomass, gasification/methane - sources of sustainable, renewable energy, (2) toward investment in a Dept. of Peace and sustainable foreign policies, and (3) incentives for resource conservation and equitable sharing.

Thank you.

Kathleen Russell

My friend lived in Seattle. Last year his mom died. She was progressively getting sicker and sicker. She was just 53 years old.

At the same time, her daughter, an 18 year old woman kept suffering strokes. She had one while driving and got in a car wreck.

My friend... he has ADHD and is healthy, it seems. but I have to wonder about the kid's gametes.

It makes me wonder about the so called benefits of nuclear energy when the ramifications of irresponsibility are so vast and ugly and horrific.

You need to focus on cleaning up that area. No one else but you guys are the leaders of the clean up -- you are the LEADERS. please find the task easy to do if organized. focus on the benefits to our future Americans. Clean it up, and clean it up right.

I fear that the project is being delayed due to poor management and arguements and non-sense pork-barrel stuff.

Lets take a clean look, and focus on the goal: make the area safe. Let's get this done by 2011, not 2017.

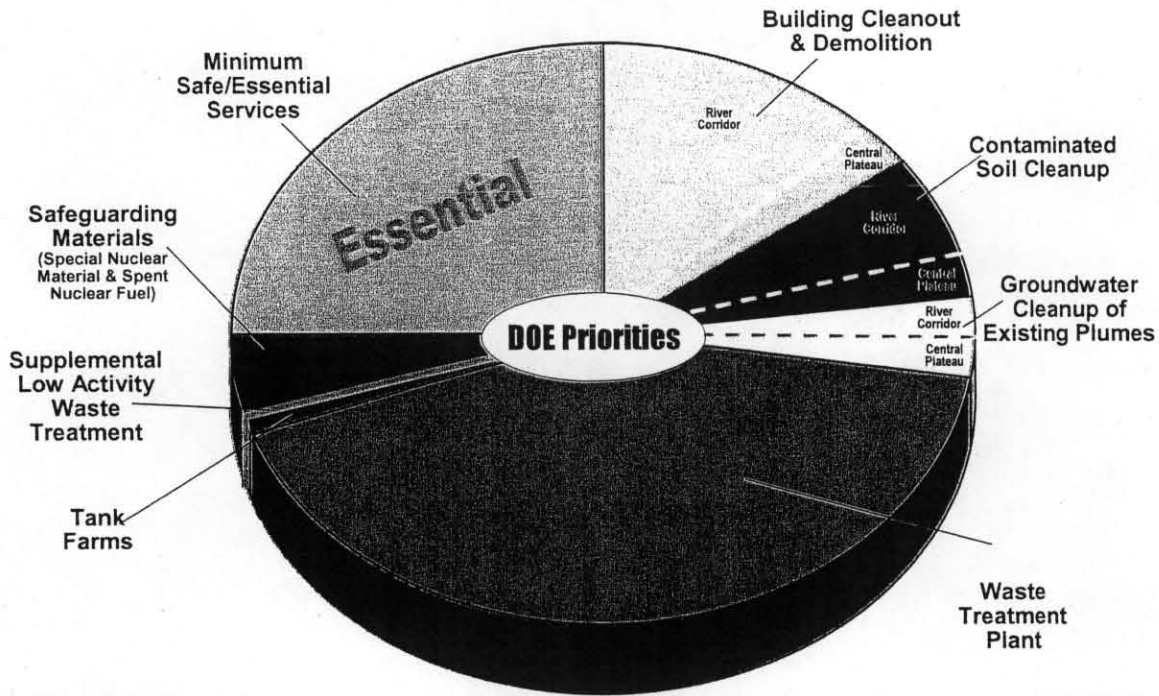
Good luck and god bless,
jamie rzucek

1. There is far too little emphasis on the development and use of risk assessment tools, education of the public on the value and limitations of risk assessment, and the importance and application of risk assessment results to decision making. Characterization is not just for immediate cleanup decisions; it should primarily support development of credible risk assessment models.
2. People have been brainwashed into a mind-set that pretends the river cannot tolerate even a few molecules of contaminants. The river is robust, and direction of cleanup funds to the river corridor rather than to near-surface or groundwater contamination further from the river addresses perceived risks at the expense of possible real risks.
3. Low activity waste, after it is separated from the HLW, should be directed back into the tanks rather than vitrifying it. It is an enormous waste of money to vitrify waste that can so easily be disposed of safely and cheaply.
4. Higher tanks residuals, well above the current 1% target, are clearly reasonable based on current risk assessment results. Funds should be directed at determining the best combination of materials for backfilling tanks and for improving the degree of homogenization between residual waste and backfill.

Martin Bensky
5-10-07

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor	<p>I feel disinclined to complete this exercise as it is presented. An assessment of consequences is needed to better establish attention to one thing and not another.</p> <p>If the movement of ground water and its contaminants to the Columbia River needs urgent attention, how could one choose to focus attention on containment soil on the central plateau as a higher priority? If for less critical results come from its delay?</p>	
Building Cleanout & Demolition/Central Plateau		
Contaminated Soil Cleanup/River Corridor		
Contaminated Soil Cleanup/Central Plateau		
Groundwater Cleanup of Existing Plumes/River Corridor		
Groundwater Cleanup of Existing Plumes/Central Plateau		
Waste Treatment Plant Construction		
Tank Farms		
Supplemental Low Activity Waste Technology		
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)		
OTHER		
OTHER		

★ = More Focus
 ★ = Less Focus

I am a member of:

Hanford Stakeholder/Organization Government (city, state, or federal)

Tribal Government Site Contractor

Public Other

* You must have an equal number of more or less dots

HANFORD CLEANUP PRIORITIES
(FY 2009 Budget Development)

WRITTEN COMMENT

- 1) Presentations did not give bigger, longer term picture than 2009 until Nick mentioned massive longer term shortfall.
- 2) Who did Anyone Lay Out the Types of Choices Needed to be Made to Set Priorities Over Longer Term and for Renegotiation of the TPA.
eg - No mention ORP says it can not get done until 2042. Is this baseline acceptable?
eg - Is it acceptable if Cleanup of Soil & Groundwater apart from Tank Farms is stretched out?
- 3) Failed to Disclose What a Shortfall base for '09 - ORP's failure to disclose even the cost of the "overtarget" items it would request from HQ makes it impossible to lend support. Totally undermined ORP credibility, "looking for a blank check"
- 4) Zero Sum Game of Stars is Not Appropriate - Can not pretend that US DoE should not / cannot Request and receive more funding
- 5) Disappointing that Ecology would praise "disclosure" when ORP refused to give essential cost info (failed to breakout costs within the \$250 million PBS; and, failed to disclose costs to know closer to compliance
- 6) Too Much Focus on 2009 as Potentially if, versus 2009 is only an example,

Name Gerry Pollet
(optional)

Address gerry@hounw.org

Written comments can be handed in tonight, mailed, or faxed to Karen Lutz, U.S. Department of Energy, Richland Operations Office, P.O. Box 550 (A7-75), Richland, WA 99352 (fax: 509-376-1563) and/or Erik Olds, U.S. Department of Energy, Office of River Protection, P.O. Box 450 (H6-60), Richland, WA 99352 (fax: 509-376 8142). Comments should be submitted by August 31, 2007.

Comments can be submitted electronically on the Hanford Site Budget website at <http://www.hanford.gov/?page=611&parent=607>

How long does it take to
construct a double shell
tank?

How much does a double
shell tank cost?

Are there any plans now to
build any double shell tanks

FORMAL WRITTEN COMMENTS

Hanford's 2007 Budget Meeting
June 4, 2007 - Seattle, Washington

To you who make important decisions;

My view of the Hanford Clean-up selection goes thusly:

For those species on this fragile earth who want to survive, it behooves them avoid contaminating the environment that sustains life. What hope is there for a species that soils its own nest ~~REPEATEDLY~~ and wish to continue -

Not much hope I would say.

Sylvia Haven
10418 12th Ave NE
Seattle WA 98125
206.522.3943

Please leave written comments at the sign-in table or you can mail your comments to:

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U.S. Department of Energy,
P.O. Box 550, Mail Stop: A7-75
Richland, Washington 99352
Karen.Lutz@RL.gov

Erik Olds, Office of River Protection
U.S. Department of Energy,
P.O. Box 450, Mail Stop: H6-60
Richland, Washington 99352
Theodore_E_Erik_Olds@orp.doe.gov

FORMAL WRITTEN COMMENTS

Hanford's 2007 Budget Meeting
June 4, 2007 - Seattle, Washington

Cleanup of the nuclear facility at Hanford
must not be compromised by:

(1) importation of nuclear waste from outside
the state, or

(2) creation of additional nuclear waste
at Hanford, or

(3) diversion of budget to any activities
at Hanford not directly supporting cleanup, or

(4) diversion of USDOE budget to weapons
production or nuclear energy production

Cleanup must include manmade facilities and their
contents, soil, and groundwater.

Please leave written comments at the sign-in table or you can mail your comments to:

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U.S. Department of Energy,
P.O. Box 550, Mail Stop: A7-75
Richland, Washington 99352
Karen_Lutz@RL.gov

Erik Olds, Office of River Protection
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Theodore_E_Erik_Olds@orp.doe.gov

FORMAL WRITTEN COMMENTS

Hanford's 2007 Budget Meeting
June 4, 2007 - Seattle, Washington

I worked on the Hanford site for a short period when Boeing Network Services was contracted to provide information systems for BWIP - the Basalt Waste Isolation Project. The name of the project sums up the absurdity of using this site for any nuclear storage. Basalt, with its deep fissures, is inherently inappropriate for liquid or solid wastes to be stored where they can and likely will - contaminate the ground water and then the Columbia River.

The BWIP geologists laughed at this absurd idea - gallows humor. Yet the plan has continued, against all science, under many names. Why? Only because cynical politicians knew that Richland with its "Bombers" mascot was politically fertile ground.

We must eliminate politics & graft from Hanford & we must never store nuclear materials there. *The site must be cleaned up in our lifetime!*
Please leave written comments at the sign-in table or you can mail your comments to:

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U.S. Department of Energy,
P.O. Box 550, Mail Stop: A7-75
Richland, Washington 99352
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FORMAL WRITTEN COMMENTS

Hanford's 2007 Budget Meeting
June 4, 2007 - Seattle, Washington

- Clean it up - clean it all up.
- No new nuclear waste for Hanford
- No reprocessing of spent nuclear fuel
- Comply with the Hanford Cleanup Agreement or face further litigation.
- Meet your budget and milestone commitments

Hanford Cleanup - ~~Prizeless~~

David E. Crisman
7043 22nd Ave NW
Seattle WA 98117

Please leave written comments at the sign-in table or you can mail your comments to:

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U.S. Department of Energy,
P.O. Box 550, Mail Stop: A7-75
Richland, Washington 99352
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Richland, Washington 99352
Theodore E Erik_Olds@orp.doe.gov

Since 1989 the cleanup of the groundwater/aquifer under the Hanford site has been the number one priority for Columbia Riverkeeper and its constituents. The current budget information by USDOE shows USDOE's continued reluctance to step up to the plate and agree to enforceable milestones for the cleanup of the groundwater along the River Corridor and under the most contaminated part of Hanford the 200 Area or Central Plateau.

The current budget information and USDOE's Pie chart provided shows how inadequate the funding is for the cleanup of the soil and the groundwater.

It is unconscionable that USDOE can say that it is committed to the protection of the Columbia River, but yet such a small portion of the Hanford budget is being spent on remedial investigations of the vadose and groundwater, vadose characterization, vadose zone and ground water monitoring, vadose zone and groundwater remediation. Once adequate characterization of the soil and groundwater is completed this information should be made publicly available in a Registry that is accessible on-line. *PAE-70 TRU 618 10/11*

Hanford is just beginning the remedial investigations of the waste sites in the Central Plateau (the most contaminated site in North America) yet there is not adequate funding to truly investigate and understand the magnitude of the contamination left in the soil beneath the Central Plateau. The timeline for these investigations is unrealistic and will only result in a very poor understanding of the contamination problem in the soil that will eventually add even more waste to the already contaminated groundwater. Without adequate characterization, you will never be able to design a comprehensive cleanup plan that will ensure protection of the groundwater and the Columbia River.

The other critical failure of this current budget request is the plan is to only retrieve one of the 149 single shell tanks per year. USDOE has admitted that at least one million gallons has already leaked out the tanks. No one who was truly interested in protecting the groundwater would leave waste in these 129 Single Shell Tanks that have exceeded their design life.

It is apparent that USDOE is walking away from the cleanup of these tanks by the mere fact that USDOE has delayed the vitrification of Hanford's 53 million gallons of High Level Waste to the year 2018, more than 10 years later than the promised start up date.

In addition, USDOE is continuing to fail to characterize the vadose-zone below the High Level Waste Tanks. It is imperative that full funding be in place for the adequate characterization below the Hanford tank farms.

*GREG DE BRUWER
COLUMBIA RIVERKEEPER*

HANFORD WATCH
May 30, 2007

The clean up of the 580 square miles of Hanford Nuclear Reservation concerns everyone. Hanford's buried tanks of 54 million gallons of High Level toxic Waste buried within feet of the Columbia pose a greater risk as each year passes. So far, 67 out of the 177 buried tanks are leaking into the vadose groundwater zone and into the Columbia River, the lifeblood of the Pacific Northwest. Eventually, all tanks will leak, and the Columbia Gorge will be unfit for human habitation. Besides being the most irradiated site in the Western Hemisphere, and the Columbia the most irradiated river, Hanford is among the big three worst sites in the world—the Techa River area in Russia, and Chernobyl in Ukraine being the other two.

Bechtel's Vitrification Plant (WTP) and overall site cleanup of Hanford are the only strategies to save the Columbia Gorge from massive toxic waste pollution coming downriver and the eventual evacuation of towns and cities along a 350 mile stretch to the Pacific Ocean.

Last year, we asked for full funding and tighter oversight of Bechtel's Vitrification Plant, which is to treat the 54 million gallons of High Level Waste (HLW) contained in the aging underground tanks at Hanford. In the past 18 months, DOE management worked to change the culture of both the management and engineering of the Waste Treatment Plant (WTP). With external reviews conducted with the support of Congress, and with the beginning of the Technical Readiness Reviews and Assessments that allow DOE to grade the maturity of the technology of the WTP, we have greater confidence in Bechtel's new management. But, Congress needs to continue to follow progress closely and hold Bechtel accountable for its work. The next 12 months are crucial in showing that Bechtel can rectify and deliver on the technical mistakes made so far.

We ask that Congress remain committed to the level funding of \$690 million per year. It may also be necessary to consider building new double shell tanks, given the extended time for the completion of the WTP. These tanks, though costly, would serve as a back-up if any tanks fail and could be used to expedite waste pre-treatment so that cleanup can continue. So far, most of the focus has been on getting the High-Level Waste (HLW) pre-treated, and glassification moving forward. But the Low Activity Waste (LAW) treatment to reduce the volume of tank wastes must continue simultaneously. Using this approach, work could move forward more quickly, while Bechtel and DOE continue to work through the challenges of pre-treating HLW and turning it into glass.

Integration of all site activities is necessary for complete cleanup. Many programs are integrating their scope across the site, especially the ground water remediation programs. But a real comprehensive approach is still lacking in the overall treatment and disposal of wastes on site. Appropriate treatment facilities need to be built for each type of waste. Waste acceptance criteria need to be met for each kind of waste, including new waste. In determining final outcomes of waste disposition, including the work in progress of the Tank Closure and Waste Management EIS, independent oversight is a must, beginning at the modeling stage of all cleanup planning at Hanford. DOE must address and solve these problems.

Bechtel's Vitrification Plant (WTP) at Hanford is the largest construction project in the United States costing 12.4 billion planned to be finished by 2019. The lifecycle cost

of DOE's tank wastes constitutes the largest environmental construction and operations project in the world at 60 billion dollars to be finished by 2050.

However, allocating billions of dollars to clean up toxic waste while at the same time urging that billions of dollars be spent on more "new" and "safe" nuclear power plants—the focus of the Global Nuclear Energy Partnership (GNEP) offered up by the DOE this past year—presents a conflicting mission. This continuing push for more nuclear power plants with their inevitable toxic waste is highly cost ineffective when factoring in clean-up, and shows that the DOE lacks an overarching sustainable vision. No country has found a satisfactory way to dispose of these long-lived wastes for the hundreds of thousands of years they will remain toxic. GNEP is a cash cow for the nuclear industry, not a solution for our energy needs. No matter how "green" or "clean" nuclear energy is made to sound, the danger of using nuclear power to combat global climate change is an insurmountable risk in the USA, and worldwide. No country has a clean solution for dealing with nuclear waste from power plants, munitions, mining, or any other use. Toxic waste has been likened to King Midas on steroids; anything it touches makes more waste.

Congress must consider the awful consequences of promoting highly toxic industries, and long term land pollution with nuclear waste. Major rivers such as the Savannah and the Columbia are dying. There are cancer clusters around uranium tailings in the Southwest, cancer clusters around munitions manufacturing sites and test sites all over the USA, and thyroid cancers associated with irradiated dust blowing in the Western wind. For radiation protection regulations establishing dose limits, the EPA still uses a 1975 ideal male called "Reference Man"—20-30 years old, 154 pounds, 5'7", Caucasian. This endangers women and children of all ages, and others, and must be changed.

As an overarching policy, we not only support stable and continued funding for Hanford clean-up and all nuclear waste sites in this country, but also a common sense and visionary leadership from the DOE. Our future energy solutions must be safe and truly sustainable.

We ask Congress for the following:

- **Commitment to the level funding of \$690 million per year.**
- **Additional funding for building new tanks to hold waste from the failing single shell tanks until the treatment plant is running and working.**
- **Budget information for the Office of River Protection to be made available to the public—currently it is embargoed.**
- **Halt on all GNEP projects, as cost ineffective when factoring in clean-up.**

Paige Knight
President of Hanford Watch
4549 NE 39th
Portland, Oregon 97211
503 232-0848
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HANFORD WATCH COMMENTS, June 13, 2007

Hanford Budget Priorities 2008-09 fiscal years

Office of River Protection projects a funding shortfall—as much as \$560 million during the 5 years beginning in FY 2009.

DOE must re-direct cleanup funds from closed small sites to the larger, more contaminated sites such as Hanford.

Adequate funding is far below what is needed to start the required groundwater cleanup planning, investigation and interception activities, possibly \$200 million more than the meager sums being considered by Congress.

Projects that cannot wait for future funding are:

1. Retrieving and certifying transuranic wastes,
2. Demolishing and decontaminating the PFP complex,
3. Designing waste processing capabilities for remote-handled waste
4. Remediating soil in the U and BC Crib waste sites
5. Emptying the K-Basins
6. Cleaning up the N-Area soil unit and the 618-1^{D+W} burial grounds
7. Remediating groundwater units along the Columbia River

TPA milestones must be met. This requires full funding.

Safeguard and security costs for special nuclear materials must be carried by the right agency, possibly Defense, and should be eliminated from the cleanup budget; this does not mean the elimination by DOE of cleanup funds for cleanup work.

Removing sludge and other wastes from the single shell tanks at Hanford must be a high priority in order to make more double-shelled tank ~~waste~~ ^{space} available. It is possible that it will take from between \$16 to \$20 million to “clean” each of the tanks (of the 149 SST 7 have been emptied. Wastes remaining in these tanks will result in additional tank leaks. This will only prolong and complicate cleanup beneath the tanks. One of the plumes for example that needs funding is the technetium plume to prevent further spreading.

The dilemmas surrounding the search for additional treatment of tank waste need to be resolved so that time and money can be put into a viable solution. The bulk vitrification demonstration project is facing a 6 year delay and an \$3 billion or more price tag, which could be used to maintain level funding for the construction of the Waste Treatment Plant. Further boondoggles are not needed at Hanford.

FORMAL WRITTEN COMMENTS

Hanford's 2007 Budget Meeting
June 13, 2007 - Portland, Oregon

When ports and milestones are not completed because of lack of dollars, how dare DOE even contemplate using nuclear dollars for anything except waste cleanup at sites across the United States? How can DOE push the GNEP and Complex 2030 plan to build more bomb pits?

We cannot separate clean up of any nuclear waste site from the issue of further nuclear weapons production & the international ban on nuclear weapons testing.

The nuclear threat in the United States is from within - not from terrorists stealing plutonium but from the US government's ~~not~~ nuclear (civilian & military) policy that compromises the health of its own people.

Right now (a) 21 thousand square miles of USA land is polluted with toxic waste, - (b) 3 thousand square miles ~~so toxic it cannot~~ be exceptionally toxic - the worst sites across 17 states. Nuclear waste is moving at every site through wind, water, & people & animals & plants - The only nuclear dollars

Please leave written comments at the sign-in table or you can mail your comments to:

Karen Lutz, Richland Operations Office
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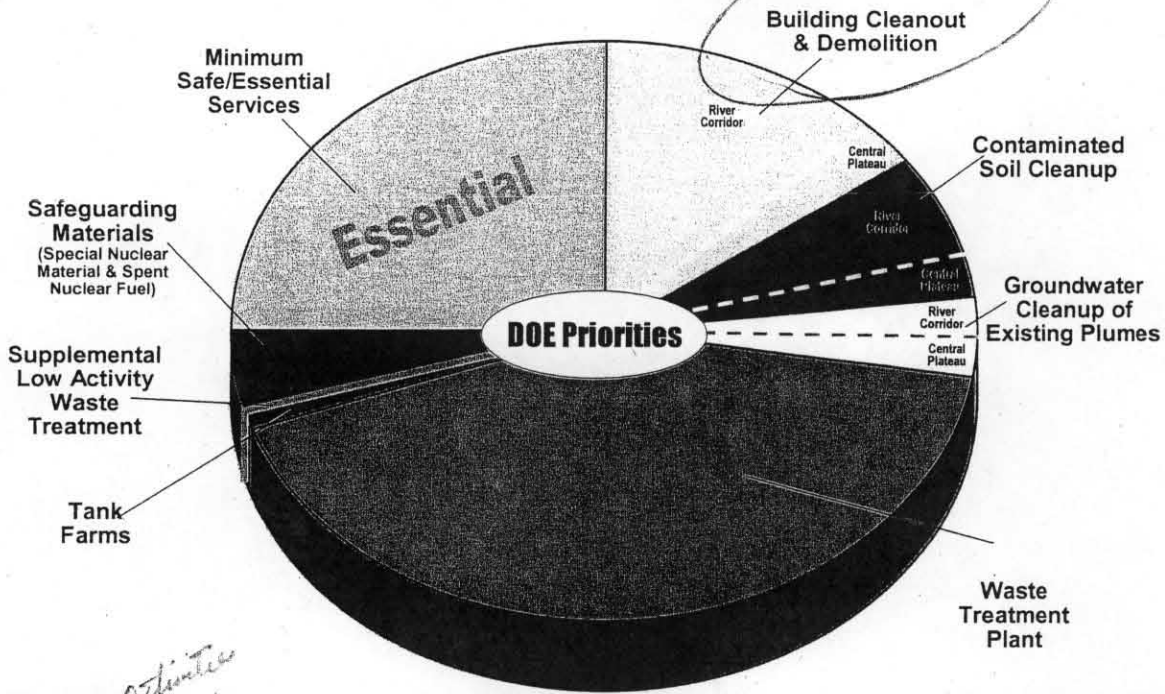
~~Spent~~ by DOE should be on cleanup -
Erik Olds, Office of River Protection
U.S. Department of Energy,
P.O. Box 450, Mail Stop: H6-60
Richland, Washington 99352
[Theodore E Erik Olds@orp.doe.gov](mailto:Theodore.E.Erik.Olds@orp.doe.gov)
not for

the creation of more
waste.

Proposed Hanford 2009 Cleanup Priorities

Krichland

"\$2 Billion Annual Funding"



Activities

Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor		★
Building Cleanout & Demolition/Central Plateau		★
Contaminated Soil Cleanup/River Corridor		★
Contaminated Soil Cleanup/Central Plateau		★
Groundwater Cleanup of Existing Plumes/River Corridor	★	
Groundwater Cleanup of Existing Plumes/Central Plateau	★	
Waste Treatment Plant Construction	★	
Tank Farms	★	
Supplemental Low Activity Waste Technology	★	
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)	★	
OTHER		★
OTHER		★

★ = More Focus
 ★ = Less Focus

I am a member of:

Hanford Stakeholder/Organization Government (city, state, or federal)

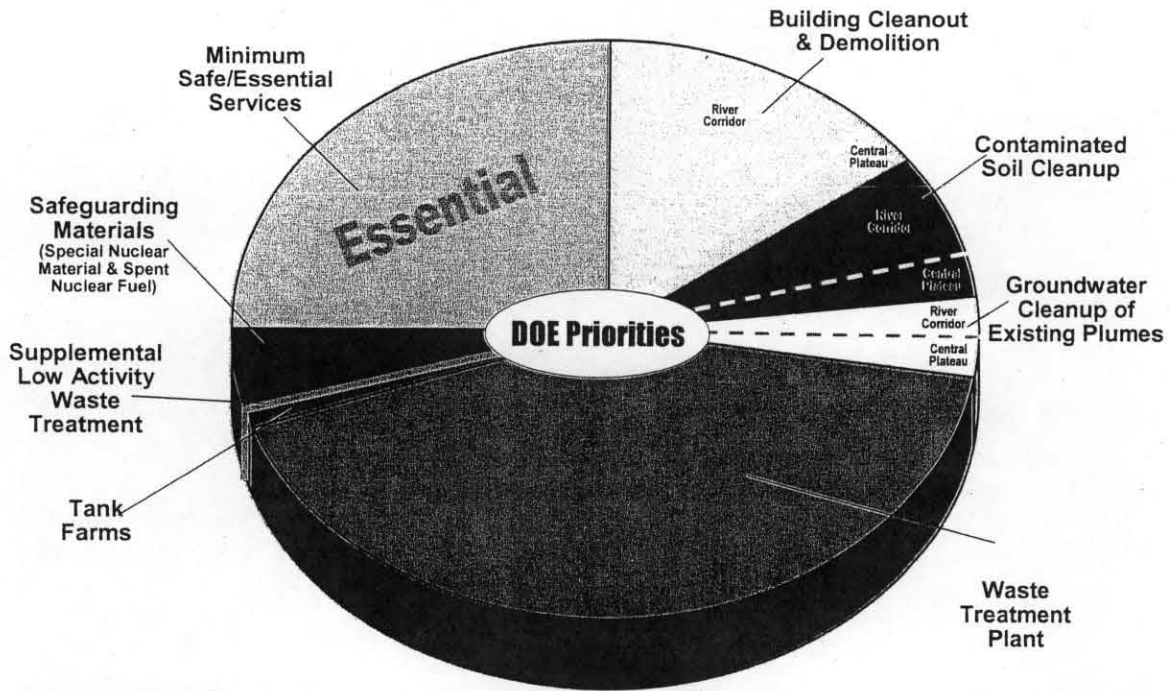
Tribal Government Site Contractor

Public Other

* You must have an equal number of more or less dots

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor		
Building Cleanout & Demolition/Central Plateau		★
Contaminated Soil Cleanup/River Corridor	★	
Contaminated Soil Cleanup/Central Plateau	★	
Groundwater Cleanup of Existing Plumes/River Corridor	★	
Groundwater Cleanup of Existing Plumes/Central Plateau	★	
Waste Treatment Plant Construction		★ Preheat construction without testing
Tank Farms		
Supplemental Low Activity Waste Technology		★
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)		★ Remove from Cleanup
OTHER Early LAW Startup	★	
OTHER Retrieve SSTs & characterize Leaks	★	

★ = More Focus
★ = Less Focus

I am a member of:

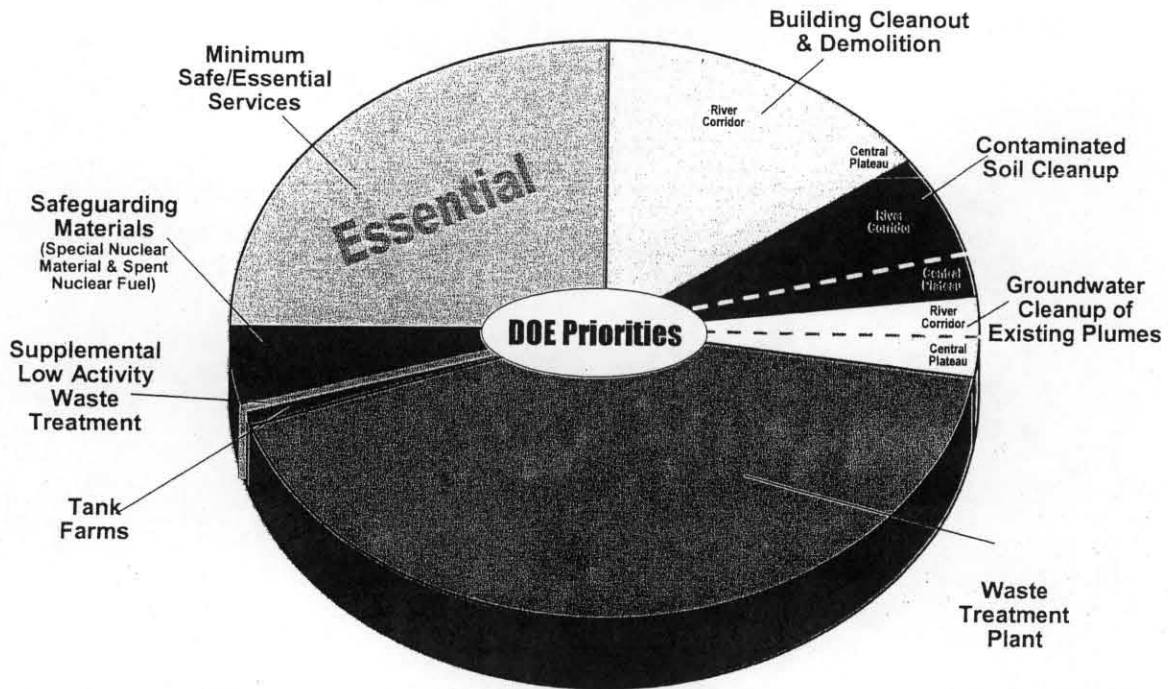
- Hanford Stakeholder/Organization Government (city, state, or federal)
 Tribal Government Site Contractor
 Public Other

* You must have an equal number of more or less dots

Disagree with this assumption - US DoE must prioritize Cleanup higher in its overall priorities for budget.

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor		
Building Cleanout & Demolition/Central Plateau		★
Contaminated Soil Cleanup/River Corridor		
Contaminated Soil Cleanup/Central Plateau		
Groundwater Cleanup of Existing Plumes/River Corridor	★★	
Groundwater Cleanup of Existing Plumes/Central Plateau	★	
Waste Treatment Plant Construction		★★
Tank Farms	★★★	
Supplemental Low Activity Waste Technology		★★
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)		★★
OTHER		
OTHER		

★ = More Focus
★ = Less Focus

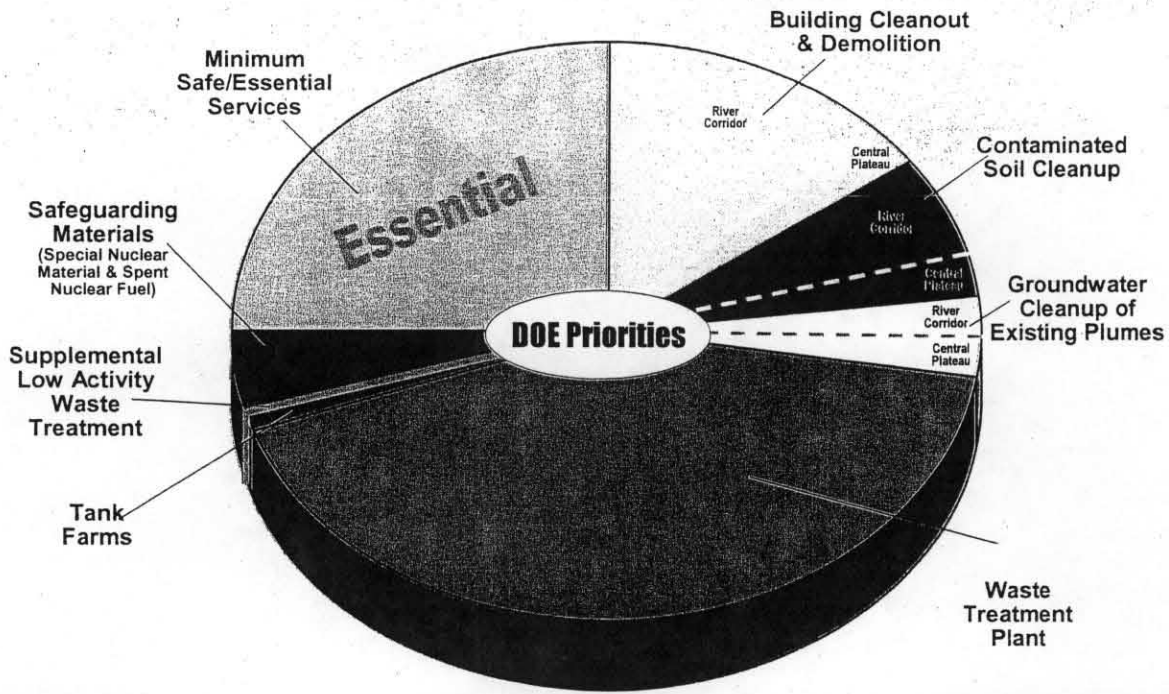
* You must have an equal number of more or less dots

I am a member of:

- Hanford Stakeholder/Organization
- Government (city, state, or federal) *Stle*
- Tribal Government
- Site Contractor
- Public
- Other

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor	★ ★ ★	
Building Cleanout & Demolition/Central Plateau		★
Contaminated Soil Cleanup/River Corridor	★	
Contaminated Soil Cleanup/Central Plateau		★
Groundwater Cleanup of Existing Plumes/River Corridor	★ ★	
Groundwater Cleanup of Existing Plumes/Central Plateau	★	
Waste Treatment Plant Construction		
Tank Farms		
Supplemental Low Activity Waste Technology		★ ★ ★
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)		★
OTHER		
OTHER		

★ = More Focus
 ★ = Less Focus

* You must have an equal number of more or less dots

I am a member of:

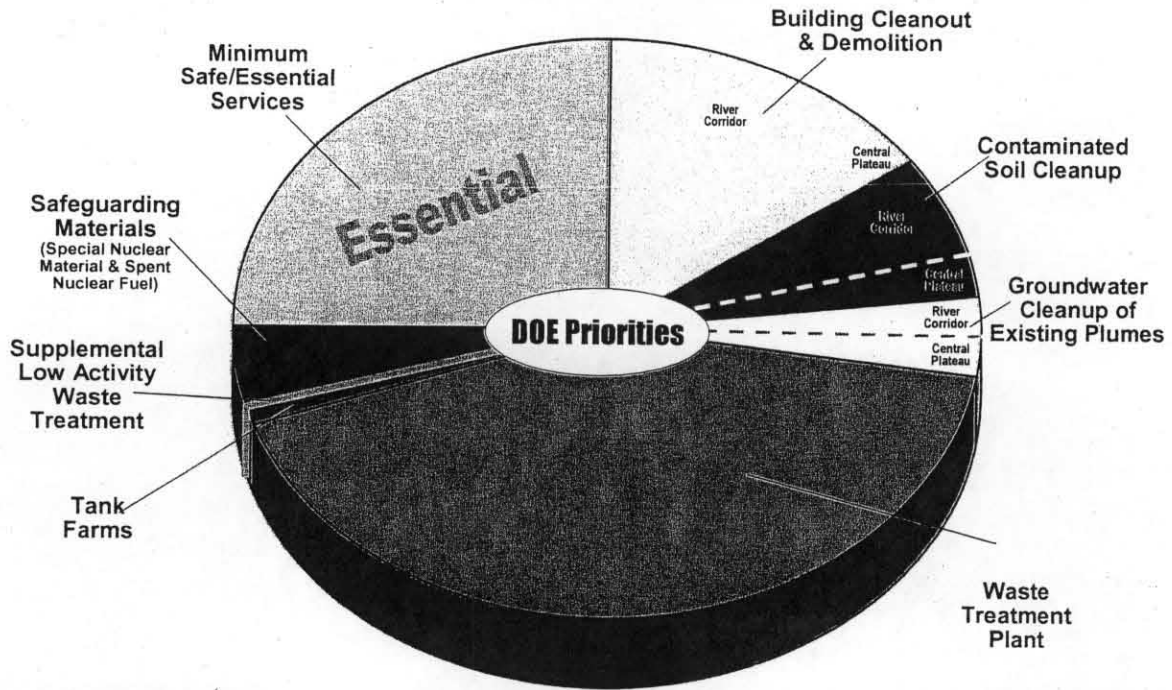
Hanford Stakeholder/Organization Government (city, state, or federal)

Tribal Government Site Contractor

Public Other

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor	★	
Building Cleanout & Demolition/Central Plateau		★
Contaminated Soil Cleanup/River Corridor	★	
Contaminated Soil Cleanup/Central Plateau	★	
Groundwater Cleanup of Existing Plumes/River Corridor	★	
Groundwater Cleanup of Existing Plumes/Central Plateau	★	
Waste Treatment Plant Construction		★
Tank Farms	★	
Supplemental Low Activity Waste Technology		★
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)		★
OTHER		★
OTHER		★

★ = More Focus
★ = Less Focus

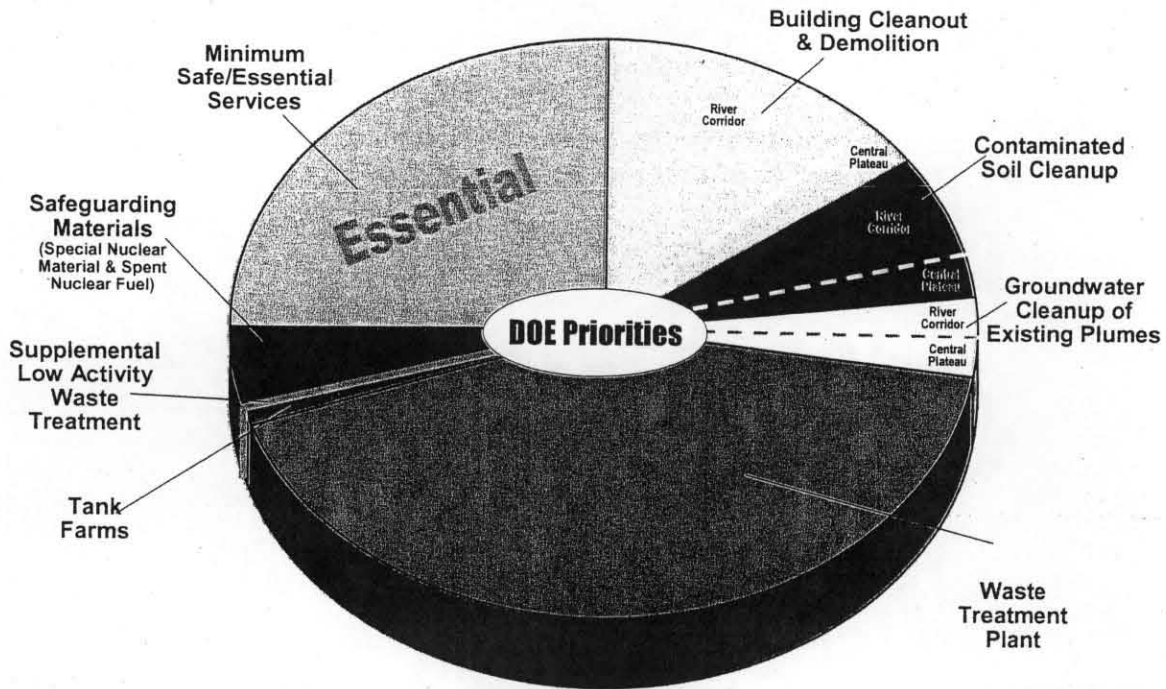
I am a member of:

- Hanford Stakeholder/Organization
- Tribal Government
- Public
- Government (city, state, or federal)
- Site Contractor
- Other

* You must have an equal number of more or less dots

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor		★
Building Cleanout & Demolition/Central Plateau		★
Contaminated Soil Cleanup/River Corridor	★	
Contaminated Soil Cleanup/Central Plateau	★	
Groundwater Cleanup of Existing Plumes/River Corridor	★	
Groundwater Cleanup of Existing Plumes/Central Plateau	★	
Waste Treatment Plant Construction		
Tank Farms	★	
Supplemental Low Activity Waste Technology		★
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)		★
OTHER R&D	★	
OTHER		

★ = More Focus
★ = Less Focus

I am a member of:

Hanford Stakeholder/Organization Government (city, state, or federal)

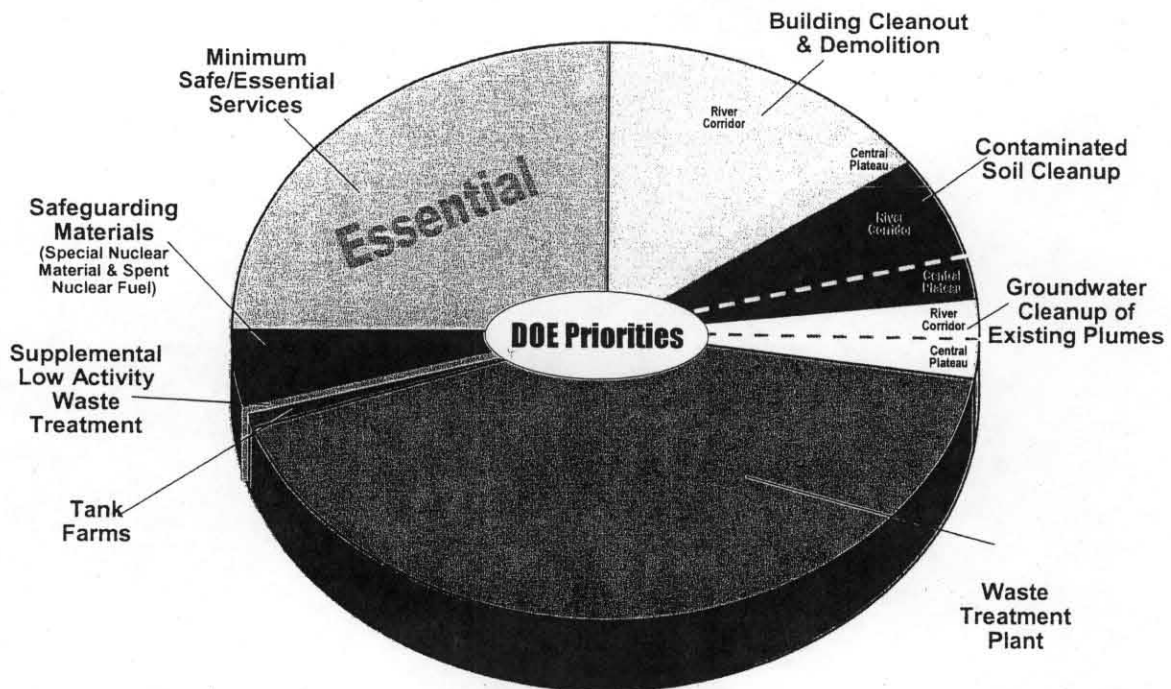
Tribal Government Site Contractor

Public Other

* You must have an equal number of more or less dots

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor	★	
Building Cleanout & Demolition/Central Plateau		★
Contaminated Soil Cleanup/River Corridor	★	
Contaminated Soil Cleanup/Central Plateau	★	
Groundwater Cleanup of Existing Plumes/River Corridor		★
Groundwater Cleanup of Existing Plumes/Central Plateau	★	
Waste Treatment Plant Construction	★	
Tank Farms	★	
Supplemental Low Activity Waste Technology		★
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)		★
OTHER		
OTHER		

★ = More Focus
★ = Less Focus

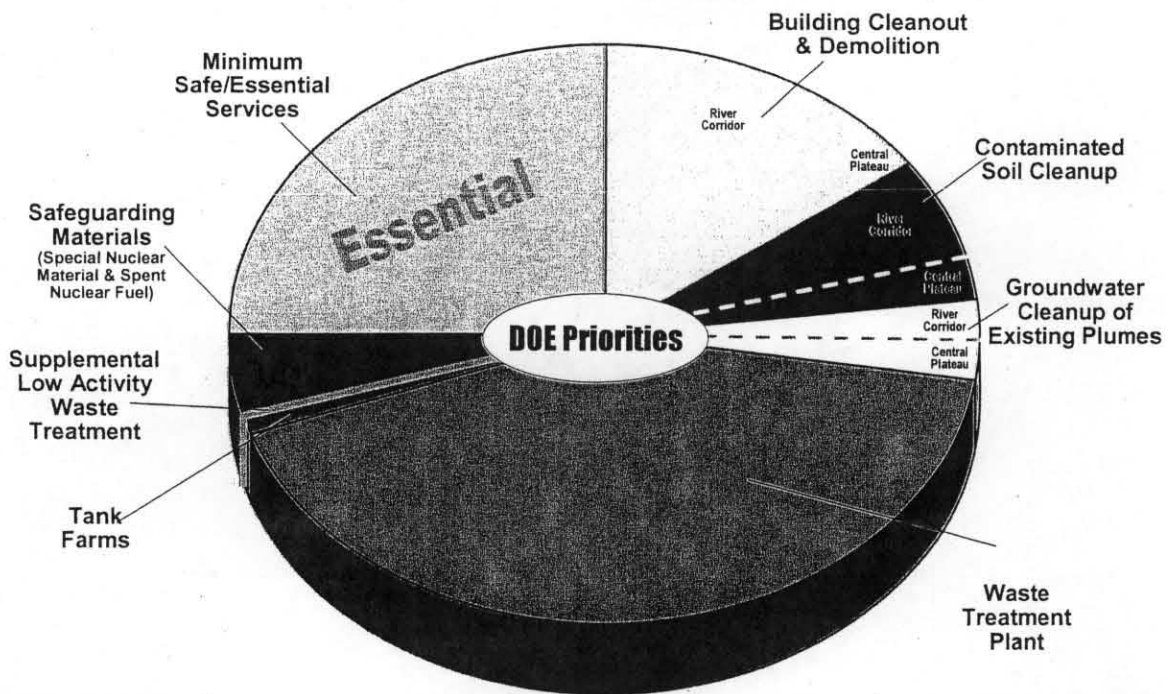
I am a member of:

Hanford Stakeholder/Organization Government (city, state, or federal)
 Tribal Government Site Contractor
 Public Other

* You must have an equal number of more or less dots

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor		★ ★ ★ ★ ★
Building Cleanout & Demolition/Central Plateau		★ ★ ★ ★ ★
Contaminated Soil Cleanup/River Corridor		★ ★ ★ ★ ★
Contaminated Soil Cleanup/Central Plateau		★ ★ ★ ★ ★
Groundwater Cleanup of Existing Plumes/River Corridor	★ ★ ★ ★ ★	
Groundwater Cleanup of Existing Plumes/Central Plateau	★ ★ ★ ★ ★	
Waste Treatment Plant Construction	★ ★ ★ ★ ★	
Tank Farms	★ ★ ★ ★ ★	
Supplemental Low Activity Waste Technology	★ ★ ★ ★ ★	
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)		
OTHER		
OTHER		

★ = More Focus
★ = Less Focus

I am a member of:

Hanford Stakeholder/Organization

Tribal Government

Public

Government (city, state, or federal)

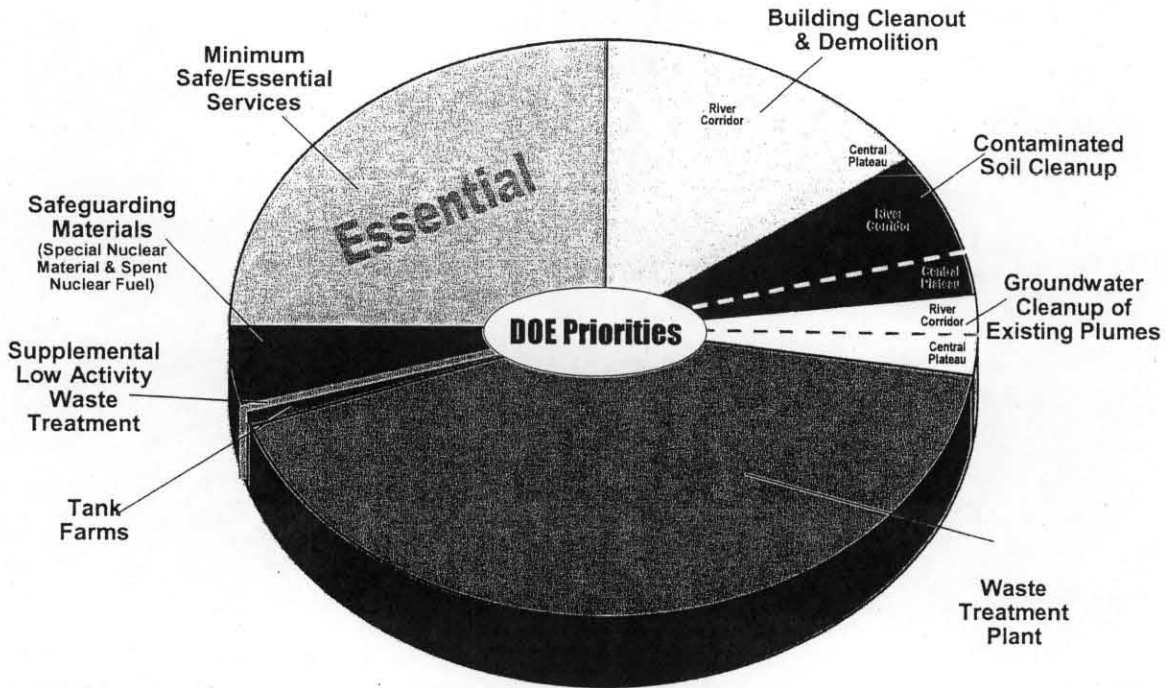
Site Contractor

Other

* You must have an equal number of more or less dots

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor		
Building Cleanout & Demolition/Central Plateau		★ ★ ★
Contaminated Soil Cleanup/River Corridor		
Contaminated Soil Cleanup/Central Plateau	★ ★ ★	
Groundwater Cleanup of Existing Plumes/River Corridor	★ ★ ★	
Groundwater Cleanup of Existing Plumes/Central Plateau		
Waste Treatment Plant Construction		
Tank Farms	★ ★	
Supplemental Low Activity Waste Technology	★ ★	
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)		★ ★ ★
OTHER		
OTHER		

★ = More Focus
 ★ = Less Focus

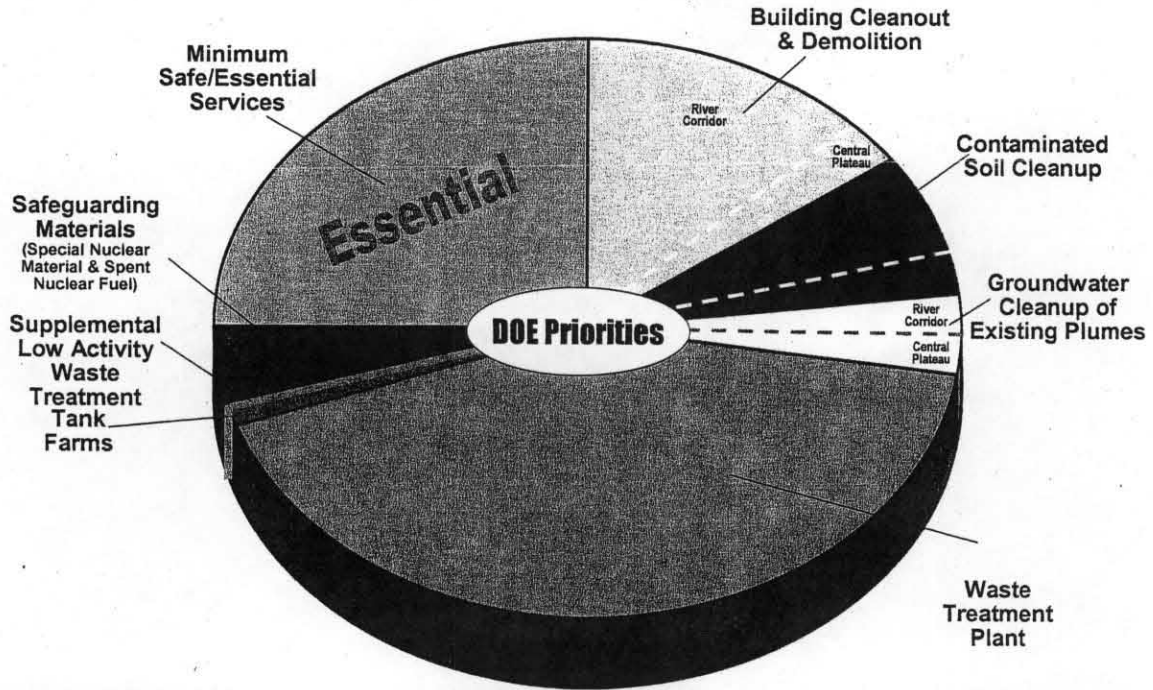
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Hanford Stakeholder/Organization Government (city, state, or federal)
 Tribal Government Site Contractor
 Public Other

* You must have an equal number of more or less dots

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor		★
Building Cleanout & Demolition/Central Plateau		★
Contaminated Soil Cleanup/River Corridor		★
Contaminated Soil Cleanup/Central Plateau		★
Groundwater Cleanup of Existing Plumes/River Corridor	★	
Groundwater Cleanup of Existing Plumes/Central Plateau	★	
Waste Treatment Plant Construction	★	
Supplemental Low Activity Waste Technology	★	★
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)		★ ★
OTHER Early Low start-up	★ ★	★ ★
OTHER		

★ = More Focus
★ = Less Focus

I am a member of:

Hanford Stakeholder/Organization Government (city, state, or federal)

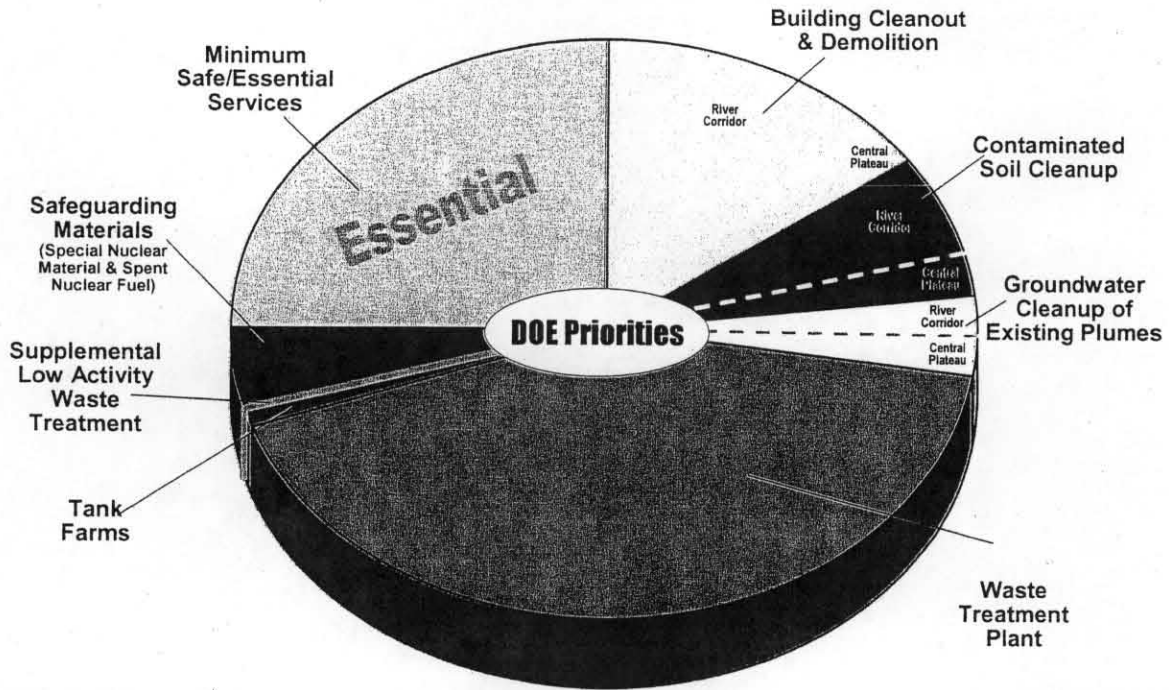
Tribal Government Site Contractor

Public Other

* You must have an equal number of more or less dots

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor		
Building Cleanout & Demolition/Central Plateau		★
Contaminated Soil Cleanup/River Corridor		
Contaminated Soil Cleanup/Central Plateau	★	
Groundwater Cleanup of Existing Plumes/River Corridor	★	
Groundwater Cleanup of Existing Plumes/Central Plateau	★	
Waste Treatment Plant Construction		
Tank Farms	★	
Supplemental Low Activity Waste Technology		★
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)		★
OTHER <i>Early LAW</i>	★	★
OTHER		

← don't use cleanup \$ get \$ from Homeland security →

★ = More Focus
★ = Less Focus

* You must have an equal number of more or less dots

I am a member of:

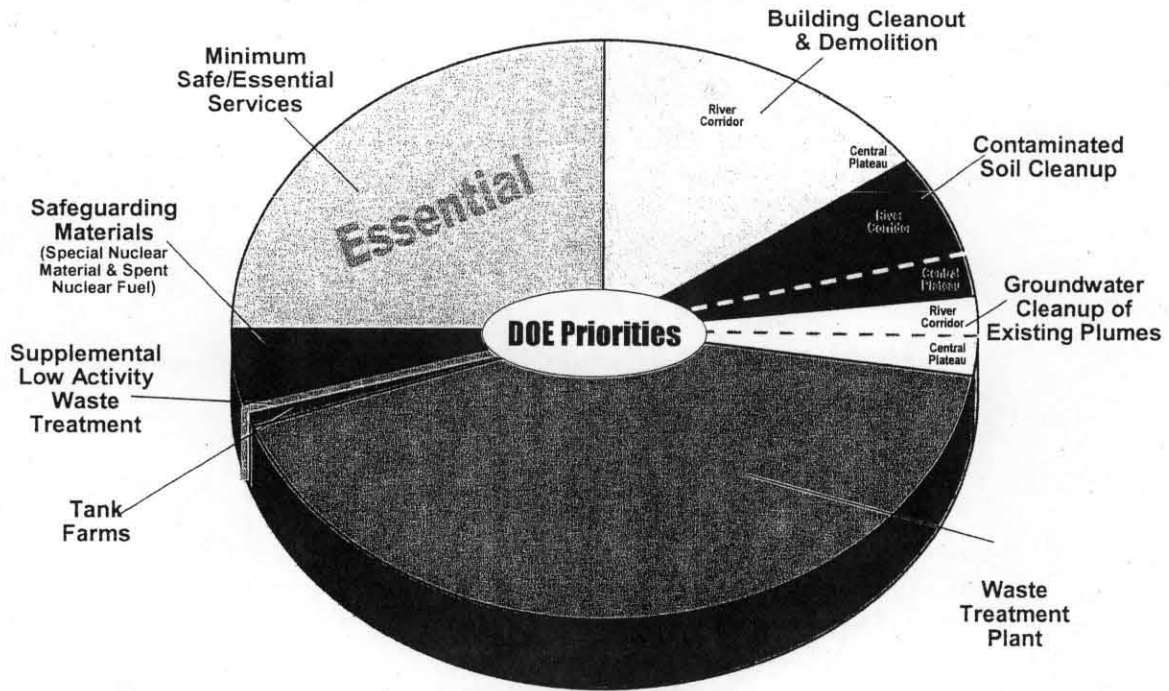
Hanford Stakeholder/Organization Government (city, state, or federal)

Tribal Government Site Contractor

Public Other

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor		★ (Stay at current schedule)
Building Cleanout & Demolition/Central Plateau		
Contaminated Soil Cleanup/River Corridor	★ One to waste	
Contaminated Soil Cleanup/Central Plateau		
Groundwater Cleanup of Existing Plumes/River Corridor		
Groundwater Cleanup of Existing Plumes/Central Plateau	★	
Waste Treatment Plant Construction		
Tank Farms	★ Tank Retrieval	
Supplemental Low Activity Waste Technology	★ Dual L A W Facility	
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)		★ More Pu off site so F: 90 will need less
OTHER		
OTHER	Comment: My comments ask more money, need without cutting off funding for better activities.	

★ = More Focus
 ☆ = Less Focus

I am a member of:

Hanford Stakeholder/Organization Government (city, state, or federal)

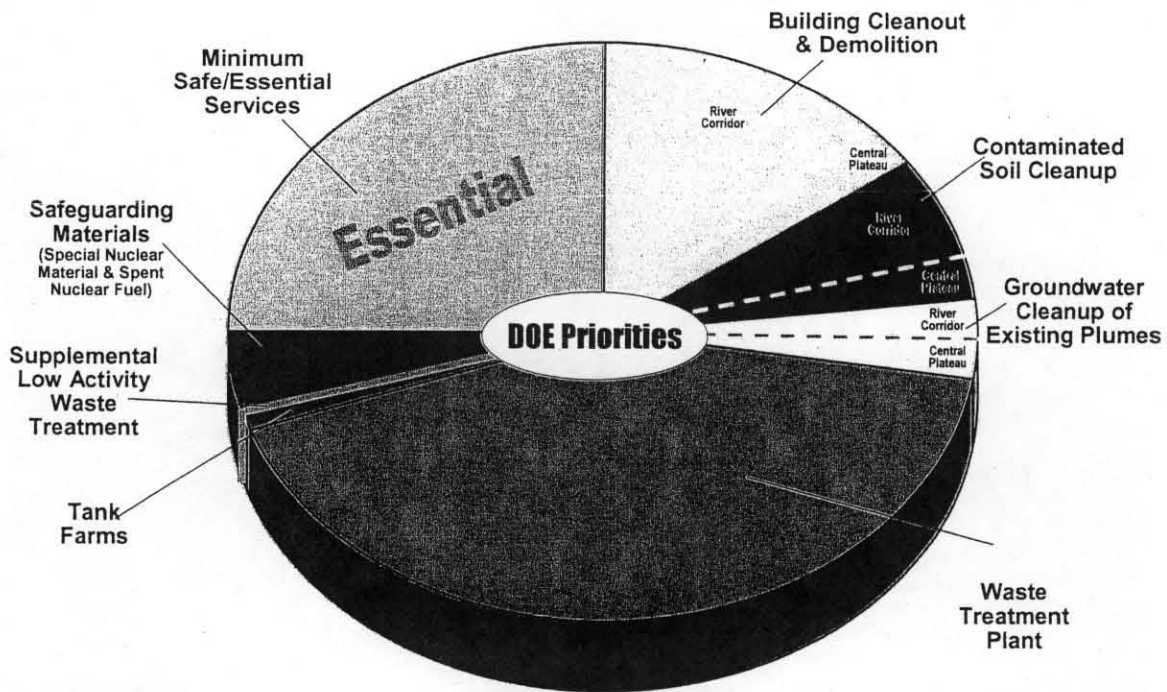
Tribal Government Site Contractor

Public Other

* You must have an equal number of more or less dots

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor	★	
Building Cleanout & Demolition/Central Plateau		★
Contaminated Soil Cleanup/River Corridor	★	
Contaminated Soil Cleanup/Central Plateau		★
Groundwater Cleanup of Existing Plumes/River Corridor		★
Groundwater Cleanup of Existing Plumes/Central Plateau		★
Waste Treatment Plant Construction	★	
Tank Farms	★	
Supplemental Low Activity Waste Technology	★	
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)		
OTHER		
OTHER		

★ = More Focus
★ = Less Focus

I am a member of:

Hanford Stakeholder/Organization Government (city, state, or federal)

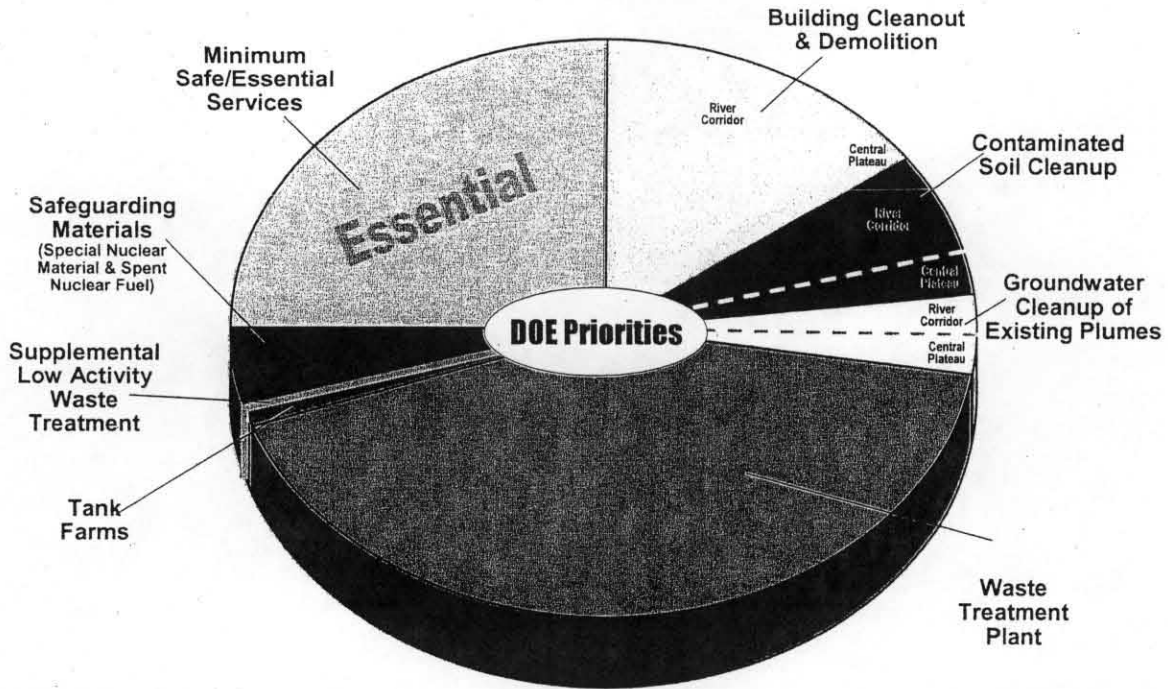
Tribal Government Site Contractor

Public Other

* You must have an equal number of more or less dots

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor		★
Building Cleanout & Demolition/Central Plateau		★
Contaminated Soil Cleanup/River Corridor	★	
Contaminated Soil Cleanup/Central Plateau	★	
Groundwater Cleanup of Existing Plumes/River Corridor	★	
Groundwater Cleanup of Existing Plumes/Central Plateau	★	
Waste Treatment Plant Construction	★	
Tank Farms		
Supplemental Low Activity Waste Technology		★
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)		★
OTHER <i>Technology Development</i>		★
OTHER		

★ = More Focus
★ = Less Focus

I am a member of:

Hanford Stakeholder/Organization Government (city, state, or federal)

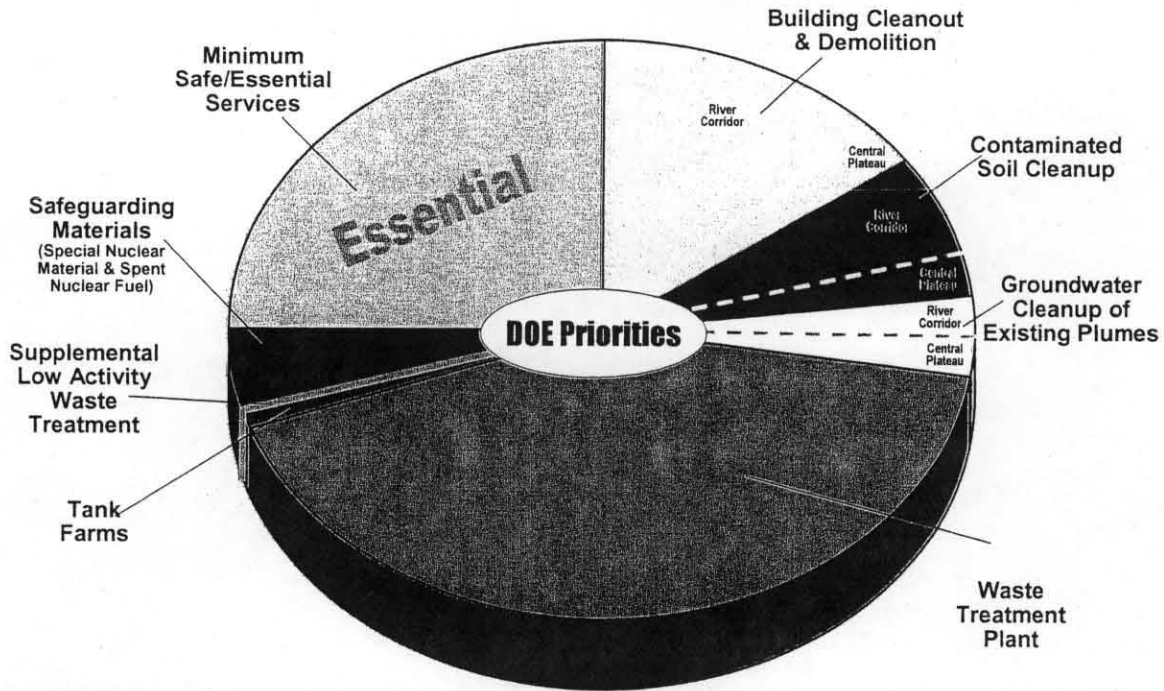
Tribal Government Site Contractor

Public Other

* You must have an equal number of more or less dots

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor		★ ★
Building Cleanout & Demolition/Central Plateau		★ ★
Contaminated Soil Cleanup/River Corridor		
Contaminated Soil Cleanup/Central Plateau		
Groundwater Cleanup of Existing Plumes/River Corridor	★ ★ ★	
Groundwater Cleanup of Existing Plumes/Central Plateau	★ ★ ★	
Waste Treatment Plant Construction		
Tank Farms		
Supplemental Low Activity Waste Technology		
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)		★ ★
OTHER		
OTHER		

★ = More Focus
 ★ = Less Focus

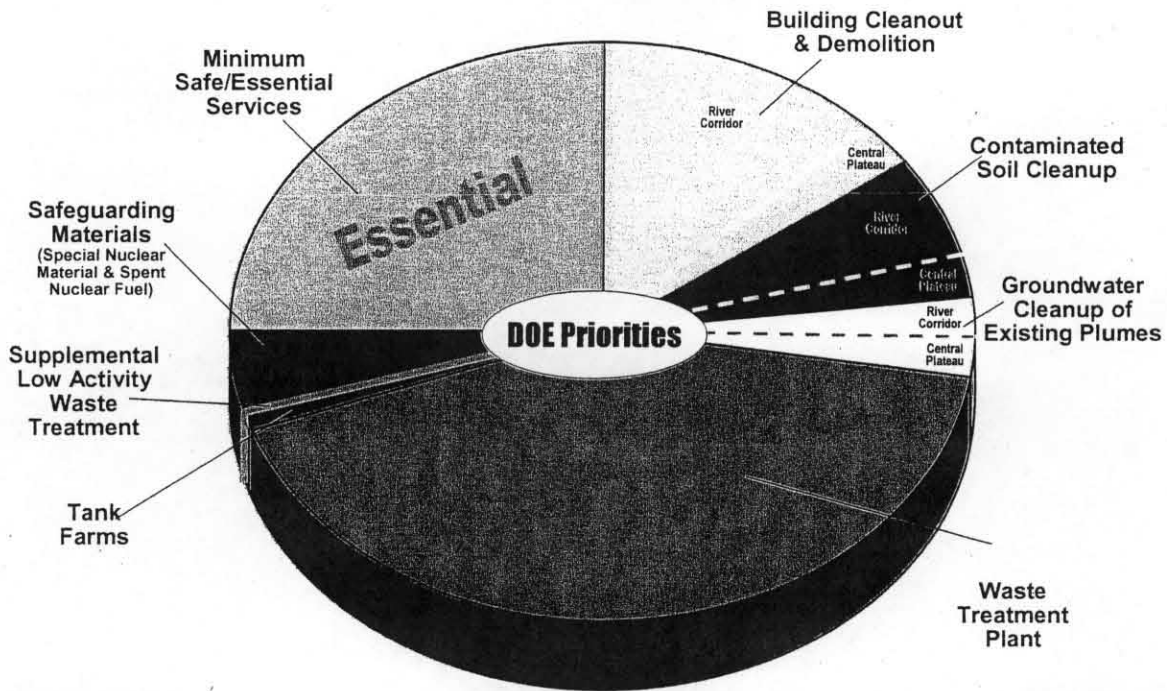
I am a member of:

Hanford Stakeholder/Organization Government (city, state, or federal)
 Tribal Government Site Contractor
 Public Other

* You must have an equal number of more or less dots

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor		★ ★
Building Cleanout & Demolition/Central Plateau		★ ★
Contaminated Soil Cleanup/River Corridor	★	
Contaminated Soil Cleanup/Central Plateau		
Groundwater Cleanup of Existing Plumes/River Corridor	★ ★	
Groundwater Cleanup of Existing Plumes/Central Plateau	★ ★	
Waste Treatment Plant Construction	★ ★	
Tank Farms	★ ★	
Supplemental Low Activity Waste Technology	★	
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)		★ ★
OTHER		
OTHER		

★ = More Focus
★ = Less Focus

I am a member of:

Hanford Stakeholder/Organization Government (city, state, or federal)

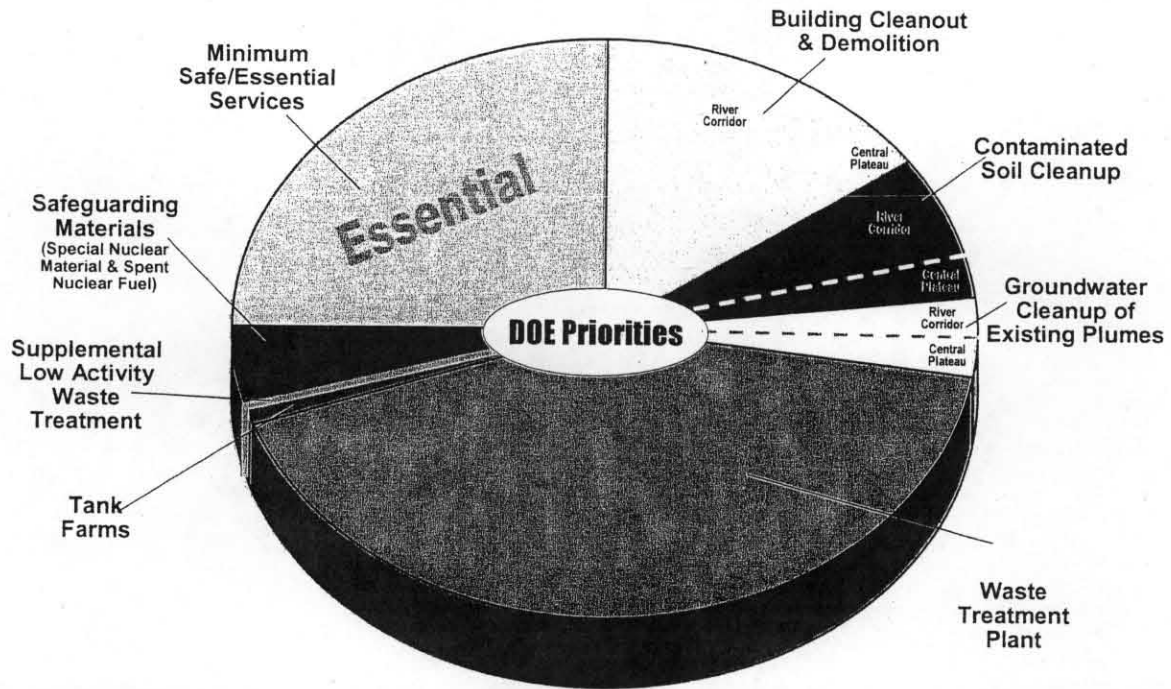
Tribal Government Site Contractor

Public Other

* You must have an equal number of more or less dots

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor		★
Building Cleanout & Demolition/Central Plateau		★ ★
Contaminated Soil Cleanup/River Corridor	★	★ ★
Contaminated Soil Cleanup/Central Plateau		
Groundwater Cleanup of Existing Plumes/River Corridor		★
Groundwater Cleanup of Existing Plumes/Central Plateau	★ ★	
Waste Treatment Plant Construction	★ ★	
Tank Farms	★	
Supplemental Low Activity Waste Technology		★ ★
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)		★ ★
OTHER		
OTHER		

★ = More Focus
★ = Less Focus

* You must have an equal number of more or less dots

I am a member of:

Hanford Stakeholder/Organization

Tribal Government

Public

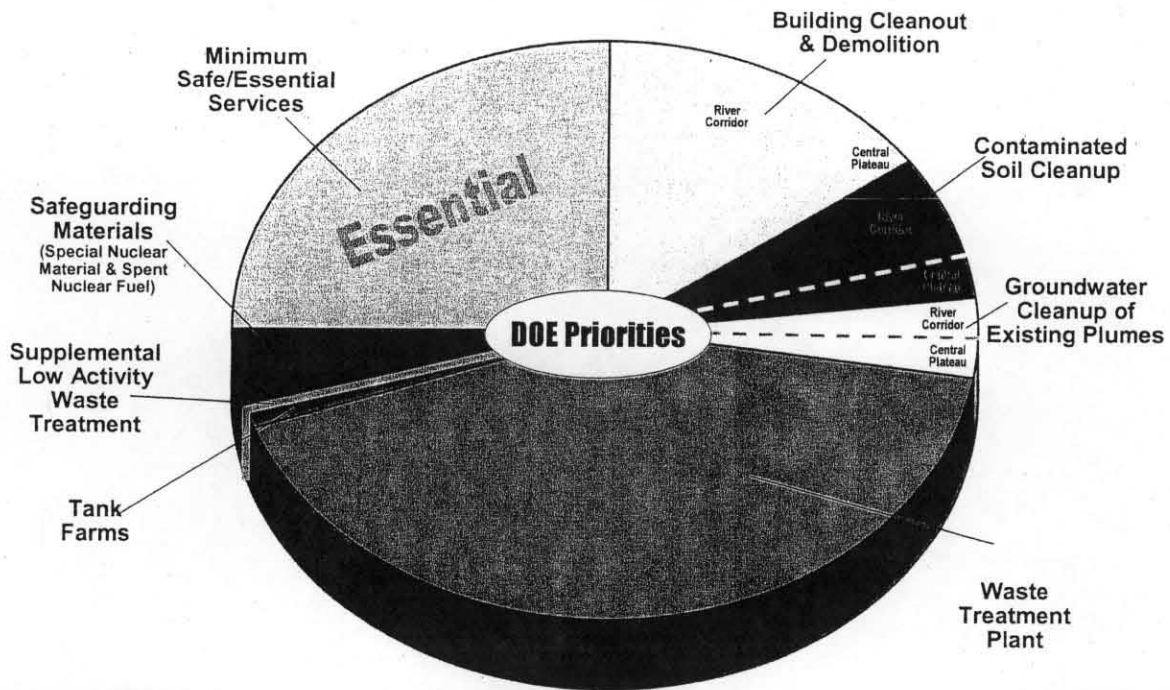
Government (city, state, or federal)

Site Contractor

Other

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor		★ ★ ★
Building Cleanout & Demolition/Central Plateau		
Contaminated Soil Cleanup/River Corridor		★
Contaminated Soil Cleanup/Central Plateau	★ ★ ★	
Groundwater Cleanup of Existing Plumes/River Corridor		
Groundwater Cleanup of Existing Plumes/Central Plateau	★ ★	
Waste Treatment Plant Construction		★ ★
Tank Farms		★
Supplemental Low Activity Waste Technology		
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)	★	
OTHER		
OTHER		

★ = More Focus
 ☆ = Less Focus

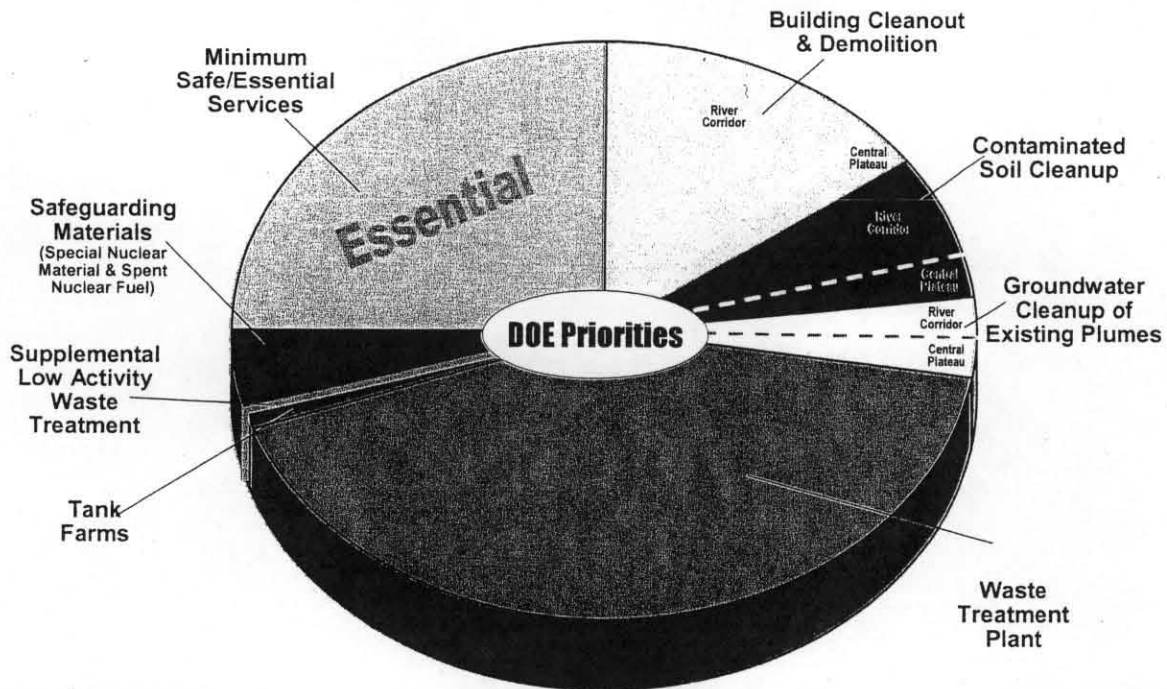
I am a member of:

Hanford Stakeholder/Organization Government (city, state, or federal)
 Tribal Government Site Contractor
 Public Other

* You must have an equal number of more or less dots

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition/River Corridor		★
Building Cleanout & Demolition/Central Plateau	★	
Contaminated Soil Cleanup/River Corridor		★
Contaminated Soil Cleanup/Central Plateau	★	
Groundwater Cleanup of Existing Plumes/River Corridor		★
Groundwater Cleanup of Existing Plumes/Central Plateau	★	
Waste Treatment Plant Construction		★
Tank Farms		★
Supplemental Low Activity Waste Technology		★
Safeguarding Materials (Special Nuclear Material and Spent Nuclear Fuel)	★	
OTHER PFP	★	
OTHER TRU	★	

★ = More Focus
 ★ = Less Focus

I am a member of:

Hanford Stakeholder/Organization Government (city, state, or federal)

Tribal Government Site Contractor

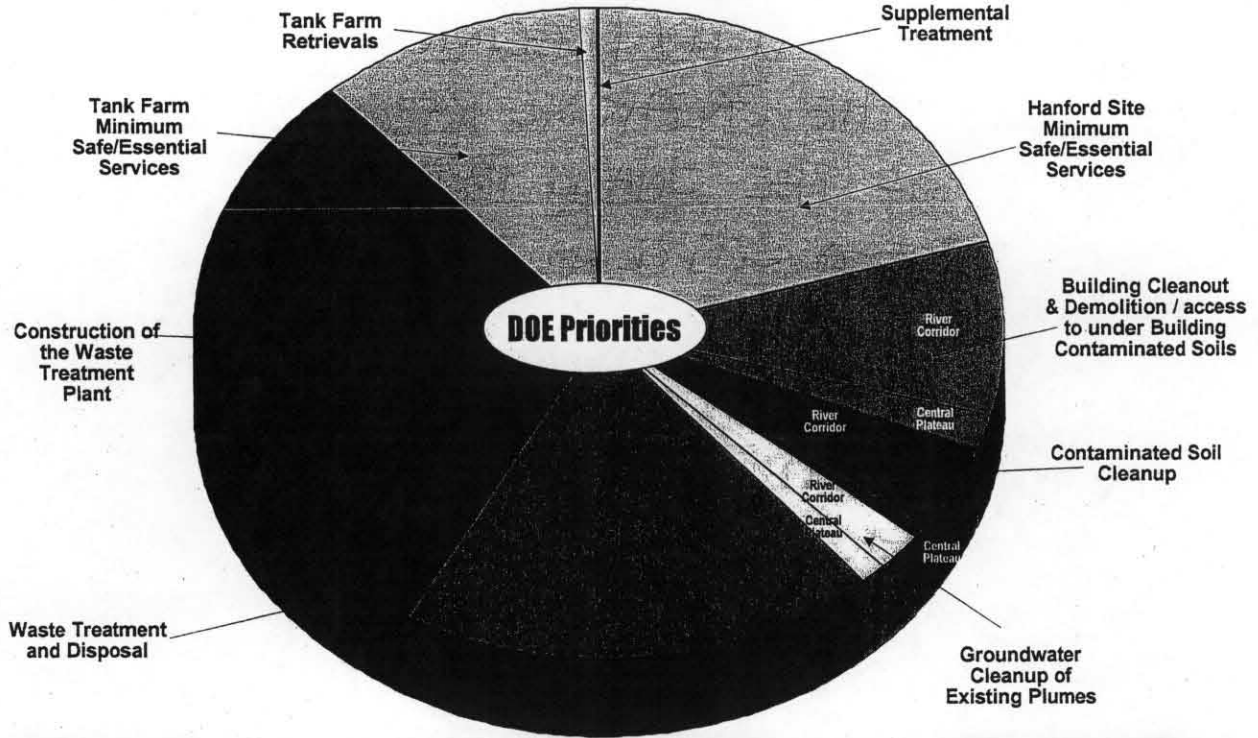
Public Other

* You must have an equal number of more or less dots

Handwritten: Hanford

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Construction of the Waste Treatment Plant		
Waste Treatment and Disposal		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Building Cleanout & Demolition / access to under Building Contaminated Soils		
Tank Farm Retrievals		
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. _____
2. _____
3. _____

★ = More Focus
● = Less Focus

* You must have an equal number of more or less dots

I am a member of:

<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input type="checkbox"/> Public	<input type="checkbox"/> Other

Additional Comments

1. STOP THE PETTY FOGGING AND BOONDoggling -
2. STOP THE FREAKING RATIONALIZING
3. GET OF THE SNAFU PROJECTS. -
4. MAKE A CITIZENS ARREST OF THE ENTIRE BOGUS SYSTEM - DISPLAY THEM ALL PUBLICLY AS A HUMAN CHARM BRACELET ON A MISSISSIPPI / LOUISIANA CHAIN GANG ~ ETC, ETC. ~!!~
TO QUOTE A GREAT AMERICAN ~

WE WILL ALL GO TOGETHER WHEN WE GO
WHAT A COMFORTING FACT THAT IS TO KNOW
WHEN THE AIR BECOMES UNBREATHABLE ~ WE WILL ALL
GO SIMULTANEOUS - ETC.

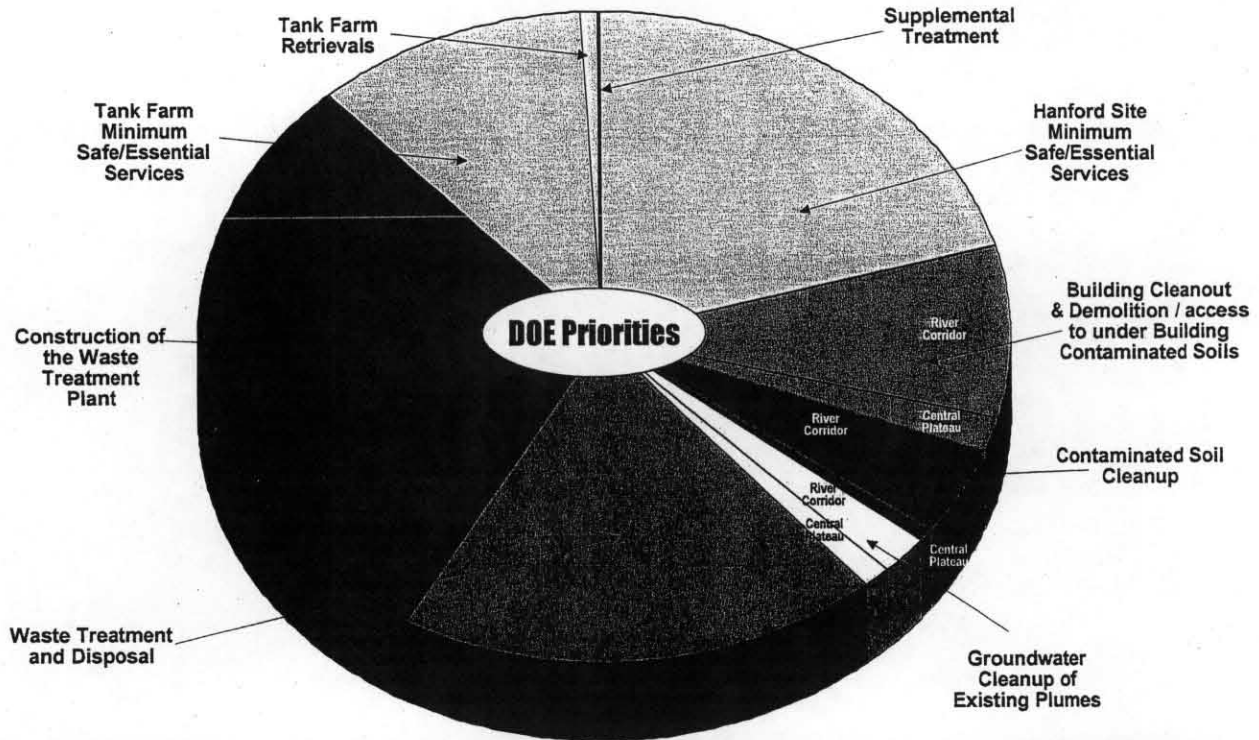
WHEN ITS TIME FOR THE FALL OUT AND
ST. PETER CALLS US ALL OUT - WE'LL JUST
DROP OUR AGENDAS AND ADJOURN -
DOWN BY THE OLD MALESTROM THERE'LL
BE A CALM BEFORE THE STORM

I DIGRESS ~

**Comments will be posted on the Hanford website
www.hanford.gov**

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under Building Contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under Building Contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals		
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

- _____
- _____
- _____

★ = More Focus
● = Less Focus

* You must have an equal number of more or less dots

I am a member of:

- | | |
|---|---|
| <input type="checkbox"/> Hanford Stakeholder/Organization | <input type="checkbox"/> Government (city, state, or federal) |
| <input type="checkbox"/> Tribal Government | <input type="checkbox"/> Site Contractor |
| <input type="checkbox"/> Public | <input type="checkbox"/> Other |

Additional Comments

As ~~a~~ someone not well informed on Hanford cleanup issues I didn't find the pie chart very useful.

~~It'd like to know my focus is on containment~~ If I had a short of cleanup my focus would be on containment.

It would be helpful to know where the high risk areas are in terms of containment. Are we tracking where RA wastes are escaping and at what rate. If we cannot track & contain the spread of RA materials ~~cleanup~~ ~~the~~ the cleanup areas will be many times larger than current sizes.

~~Prevention is~~ An ounce of prevention is worth a pound of cure. If we had numbers show ~~how~~ quickly the rate that

Regards,

Liz Trojan

elizat8@pbex.com

the RA wastes are spreading we could

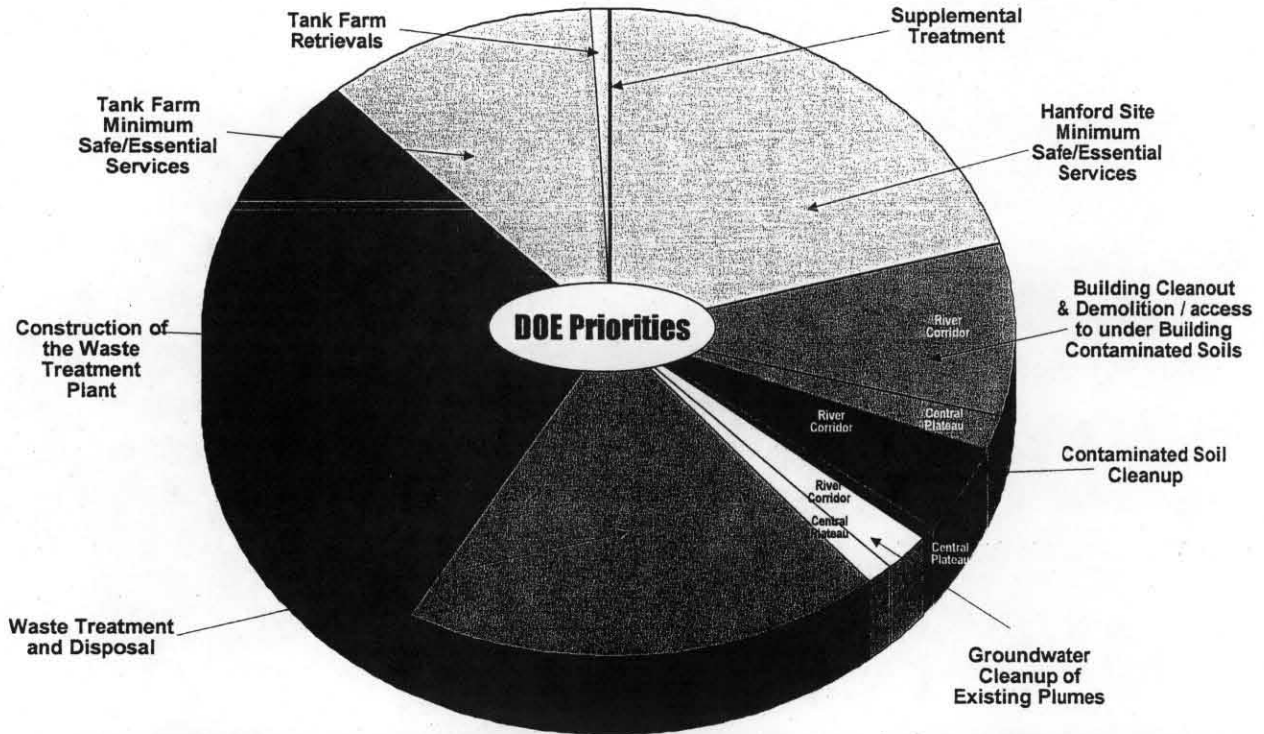
Comments will be posted on the Hanford website

www.hanford.gov

before ~~with~~ the congress far more money to fund cleanup. Cleanup today is going to be far less costly than cleanup in five, ten, 15 years.

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor	★	
Contaminated Soil Cleanup - River Corridor	★	
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant	★	
Tank Farm Retrievals	★	
Supplemental Treatment		
OTHER	★*	

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Groundwater Clean-up
2. Soil Cleanup
3. Tank Farm Retrievals

★ = More Focus
● = Less Focus

* You must have an equal number of more or less dots

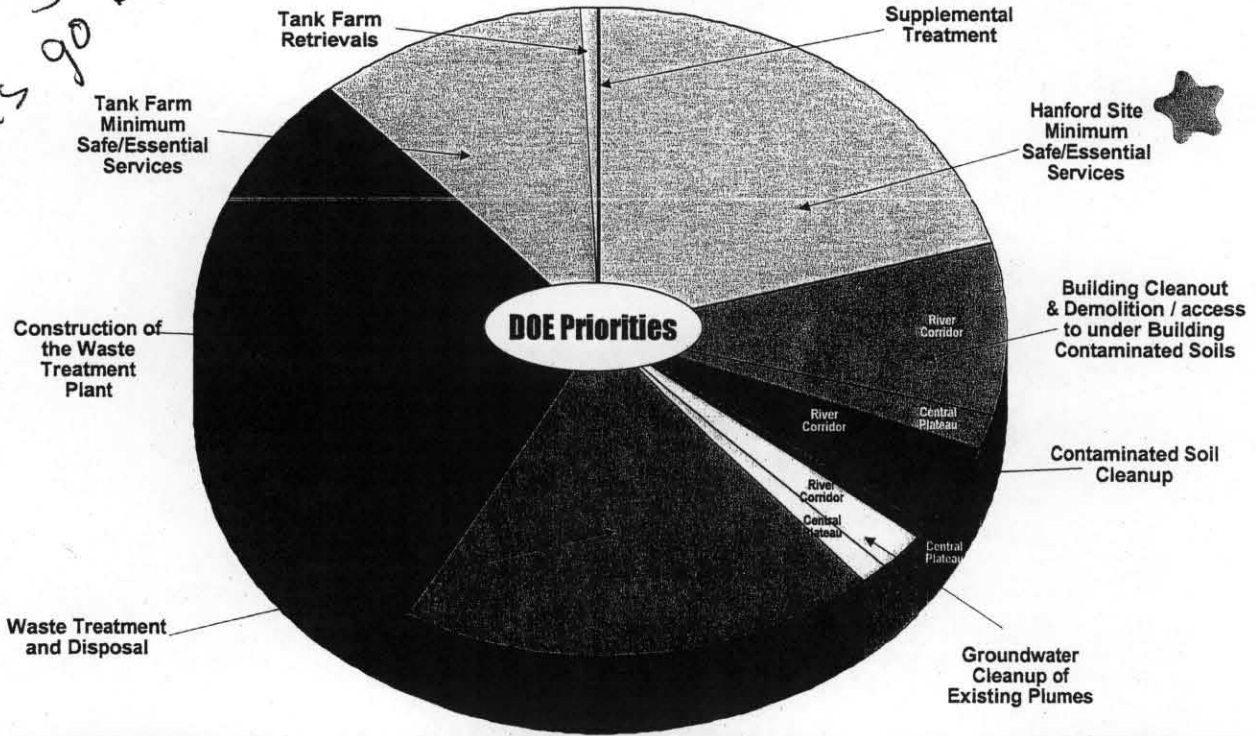
I am a member of:

- Hanford Stakeholder/Organization
 Tribal Government
 Public
 Government (city, state, or federal)
 Site Contractor
 Other

Steady & increasing funding as years go by

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout / Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout / Demolition / access to under building contaminated Soils - River Corridor	★	
Contaminated Soil Cleanup - River Corridor	★	
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau	★	
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals	★	
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. GROUNDWATER
2. SOIL
3. WASTE TREATMENT

★ = More Focus
● = Less Focus

* You must have an equal number of more or less dots

I am a member of:

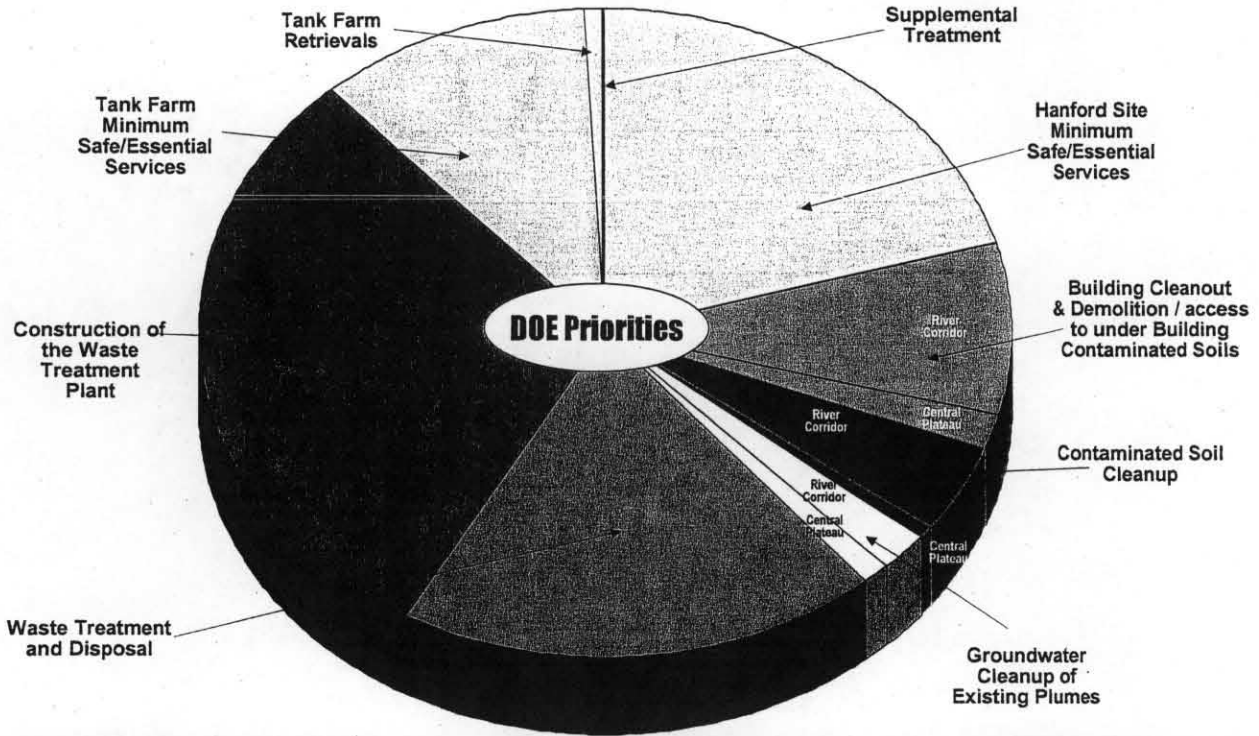
<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input type="checkbox"/> Public	<input type="checkbox"/> Other

NO NEW WASTE

Research

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau	★	
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals	★	
Supplemental Treatment	MAKE A DECISION	
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. _____
2. _____
3. _____

★ = More Focus
● = Less Focus

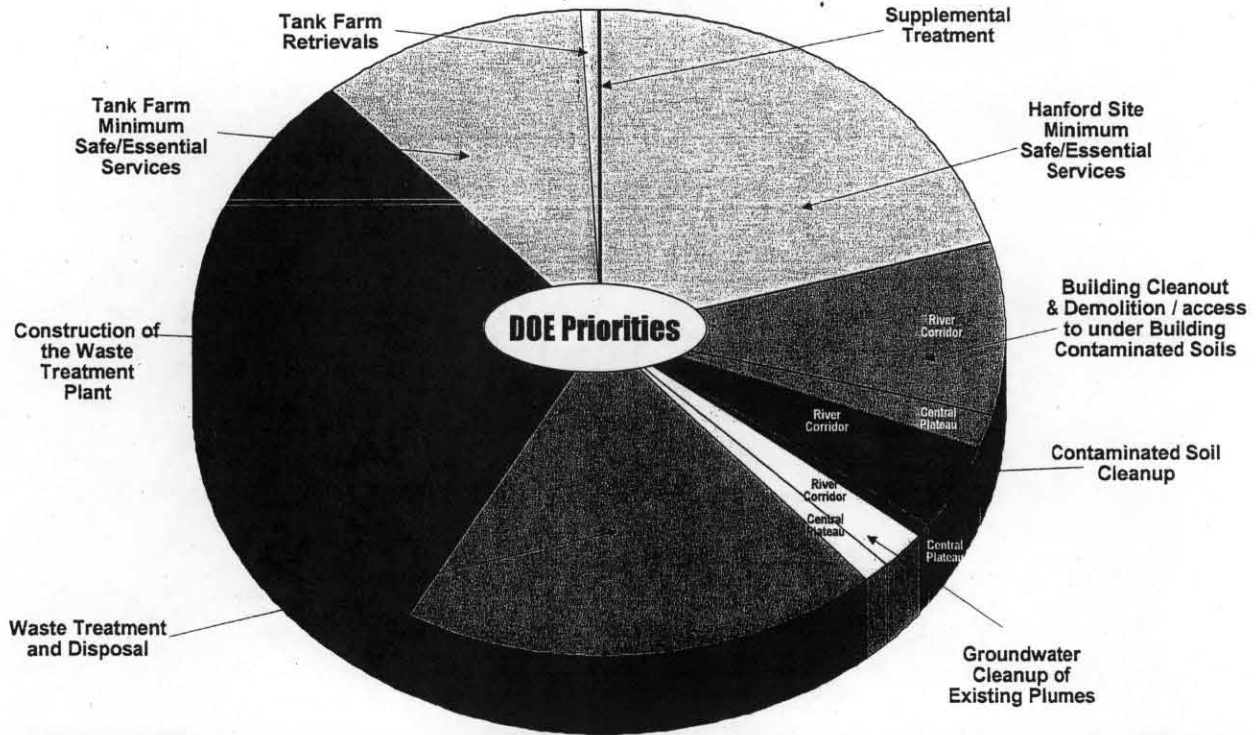
* You must have an equal number of more or less dots

I am a member of:

- | | |
|---|---|
| <input type="checkbox"/> Hanford Stakeholder/Organization | <input type="checkbox"/> Government (city, state, or federal) |
| <input type="checkbox"/> Tribal Government | <input type="checkbox"/> Site Contractor |
| <input type="checkbox"/> Public | <input type="checkbox"/> Other |

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor	★	
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor	★★★	
Groundwater Cleanup of Existing Plumes - Central Plateau	★★★	
Waste Treatment and Disposal	★★★	
Construction of the Waste Treatment Plant		
Tank Farm Retrievals	★	
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. _____
2. _____
3. _____

★ = More Focus
● = Less Focus

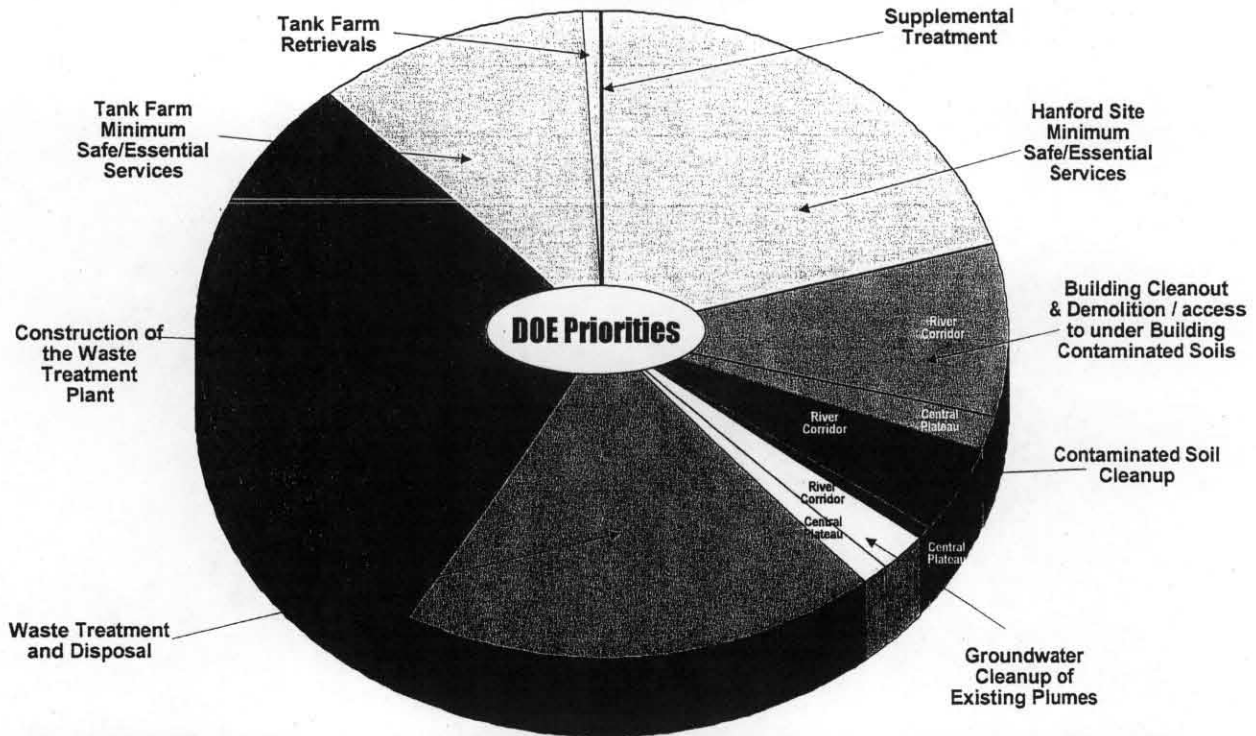
* You must have an equal number of more or less dots

I am a member of:

<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input type="checkbox"/> Public	<input type="checkbox"/> Other

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		●
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor	★	
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		●
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal	★	
Construction of the Waste Treatment Plant	★★	
Tank Farm Retrievals	★★	
Supplemental Treatment		●●
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

- TRU waste retrieval & certification (pre-1970)
- FFF D+D
- Design RH-TRU processing to handle waste retrieved from 618-11 and 200-W caissons

★ = More Focus
● = Less Focus

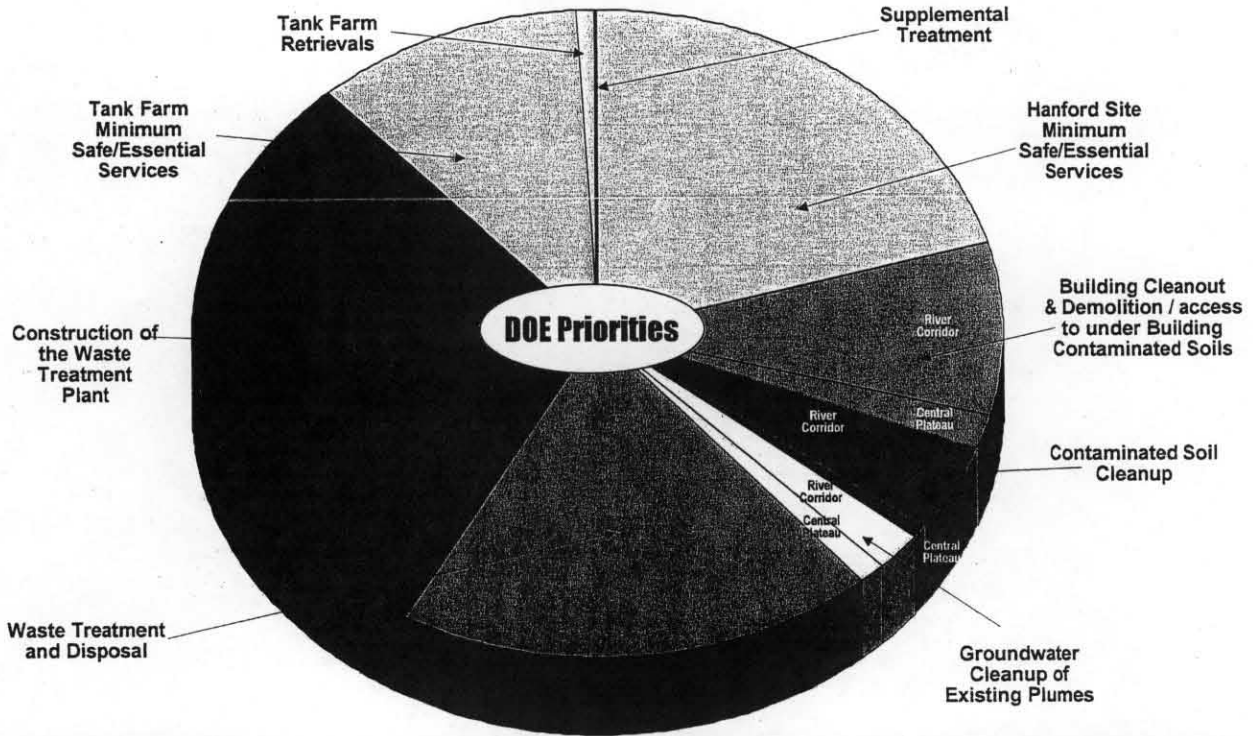
* You must have an equal number of more or less dots

I am a member of:

- Hanford Stakeholder/Organization Government (city, state, or federal)
 Tribal Government Site Contractor (to RCL)
 Public Other

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		● ●
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		●
Contaminated Soil Cleanup - River Corridor	★	
Contaminated Soil Cleanup - Central Plateau		●
Groundwater Cleanup of Existing Plumes - River Corridor	★	
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal	★ ★ ★	
Construction of the Waste Treatment Plant	★ ★	
Tank Farm Retrievals	★	
Supplemental Treatment		●
OTHER		●

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. WE WANT A LARGER PIE
2. _____
3. _____

★ = More Focus
● = Less Focus

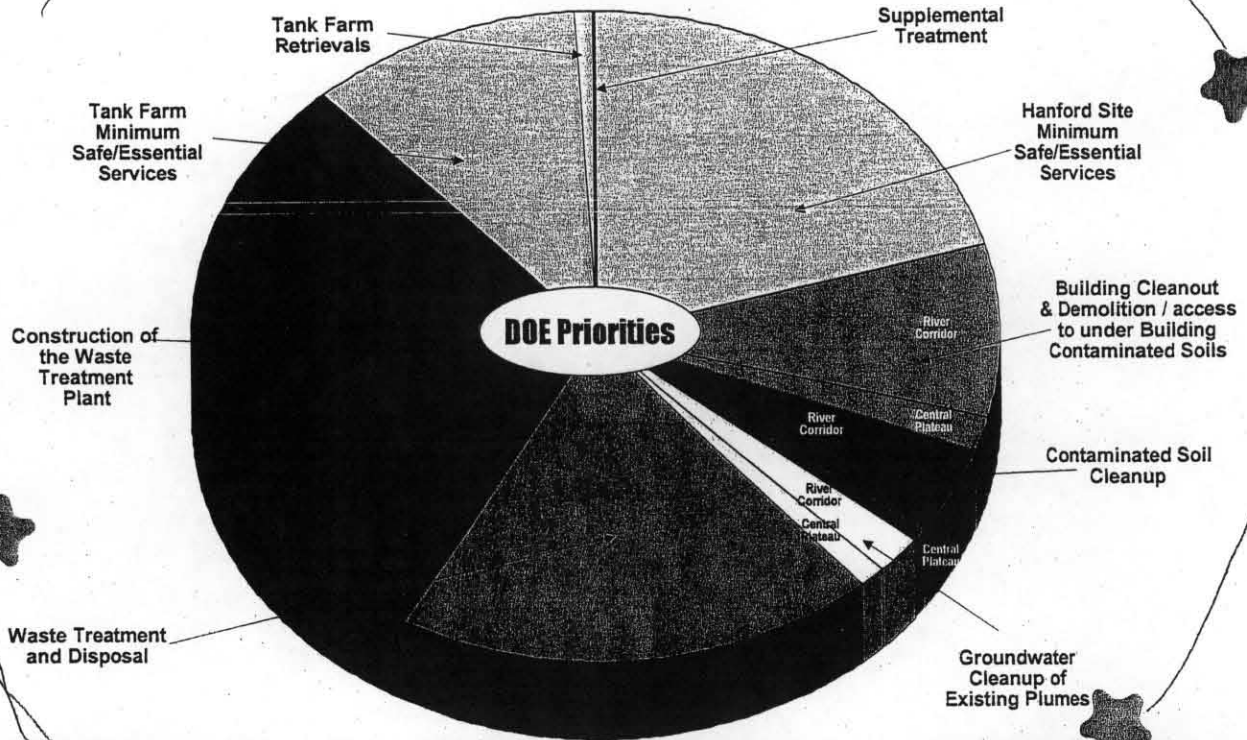
* You must have an equal number of more or less dots

I am a member of:

<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Other

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout / Demolition / access to under building Contaminated Soils - Central Plateau		
Building Cleanout / Demolition / access to under building Contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant	★	
Tank Farm Retrievals	✱	
Supplemental Treatment		● ● ● ● ● ● ● ● ● ●
OTHER <i>Transport & Security</i>		● ● ● ● ● ● ● ● ● ●

Boonloggle - GAO

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. *Plume clean up*
2. *Tanks*
3. *Wt. Plant*

★ = More Focus
● = Less Focus

* You must have an equal number of more or less dots

I am a member of:

- Hanford Stakeholder/Organization
- Tribal Government
- Public
- Government (city, state, or federal)
- Site Contractor
- Other

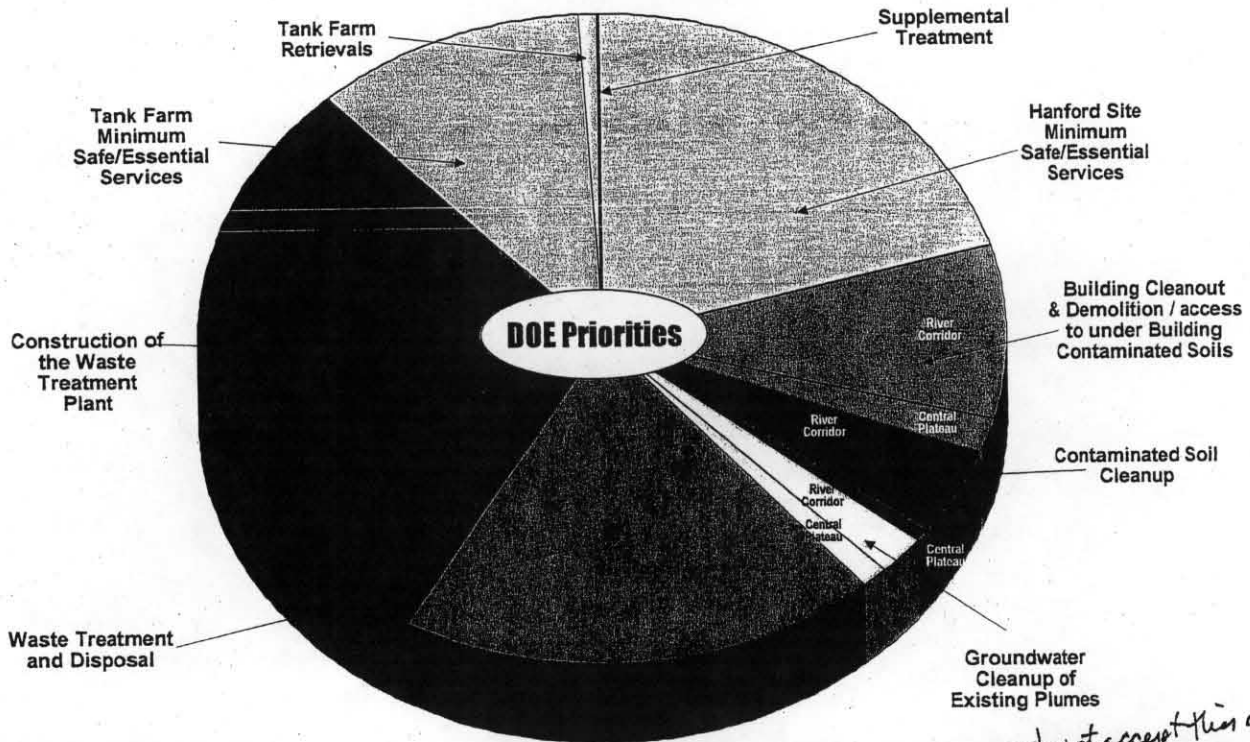
Additional Comments

I see no use for this exercise

**Comments will be posted on the Hanford website
www.hanford.gov**

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout / Demolition / access to under Building Contaminated Soils - Central Plateau		
Building Cleanout / Demolition / access to under Building Contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor	★	
Contaminated Soil Cleanup - Central Plateau	★	
Groundwater Cleanup of Existing Plumes - River Corridor	★	
Groundwater Cleanup of Existing Plumes - Central Plateau	★	
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals	★	
Supplemental Treatment		
OTHER: Fund trustees to provide technical assistance for characterization and risk assessment		

bulk vit

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Fund trustees to help DOE on environmental issues
2. Develop more direct DOE capability to reduce contractor costs.
3. Improve vitrification development process to get vit plant safely up to speed sooner

★ = More Focus
● = Less Focus

* You must have an equal number of more or less dots

I am a member of:

Hanford Stakeholder/Organization

Tribal Government

Public

Government (city, state, or federal)

Site Contractor

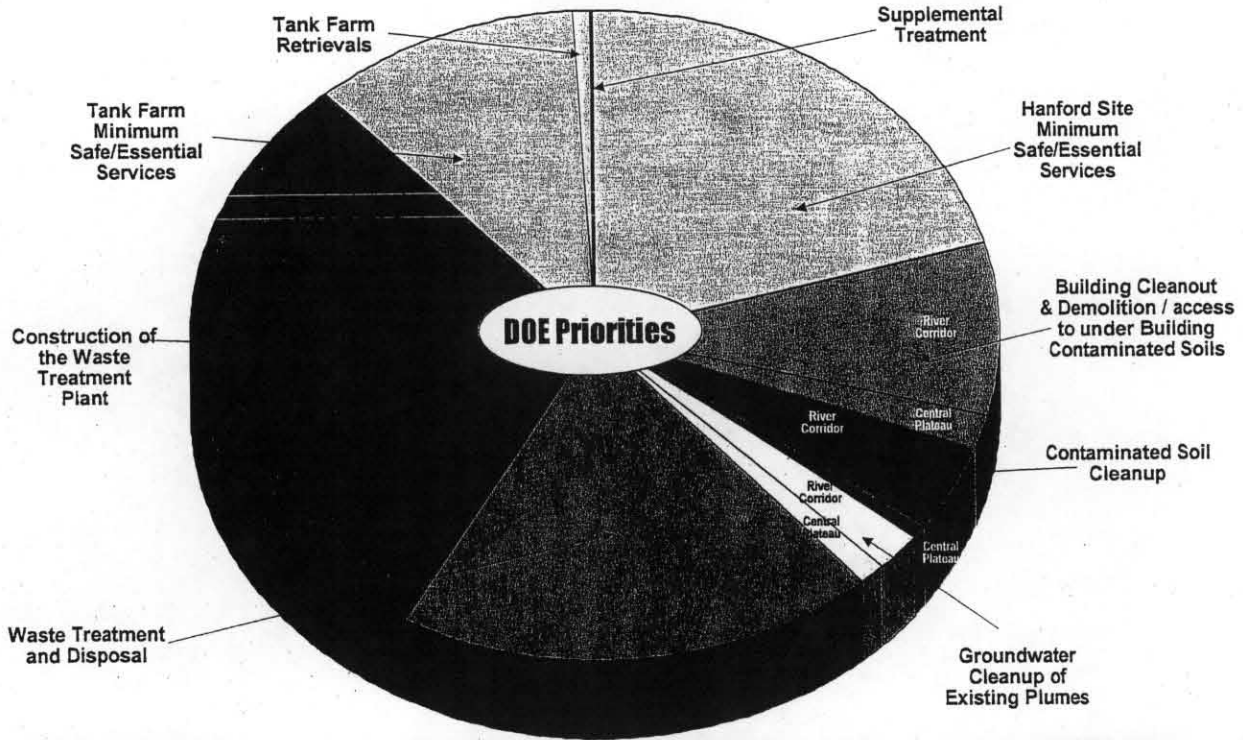
Other

Additional Comments

DOE should utilize the assistance of state, federal and tribal expertise on environmental issues because DOE does not have expertise or mission in this area.

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout / Demolition / access to under Building Contaminated Soils - Central Plateau	★	
Building Cleanout / Demolition / access to under Building Contaminated Soils - River Corridor	★	
Contaminated Soil Cleanup - River Corridor	★	
Contaminated Soil Cleanup - Central Plateau	★	
Groundwater Cleanup of Existing Plumes - River Corridor	★	
Groundwater Cleanup of Existing Plumes - Central Plateau	★	
Waste Treatment and Disposal	★	
Construction of the Waste Treatment Plant	★	
Tank Farm Retrievals	★	
Supplemental Treatment		●
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Groundwater cleanup
2. Soil cleanup
3. Tank farm & waste Retrieval & treatment

★ = More Focus
● = Less Focus

* You must have an equal number of more or less dots

I am a member of:

<input checked="" type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input type="checkbox"/> Public	<input type="checkbox"/> Other

comment s. other side →

This ~~exercise~~ exercise avoids the entire problem of a nuclear clean up being underfunded in general. The "pie" needs to be larger. Funds need to be taken out of DOD, GNEP, ~~the~~ the "reliable" replacement warhead, Complex 2030, Missile defense shield, star wars, unnecessary wars, etc, and be directed to clean up.

In the future, I would like to see the budget arrayed in this fashion:

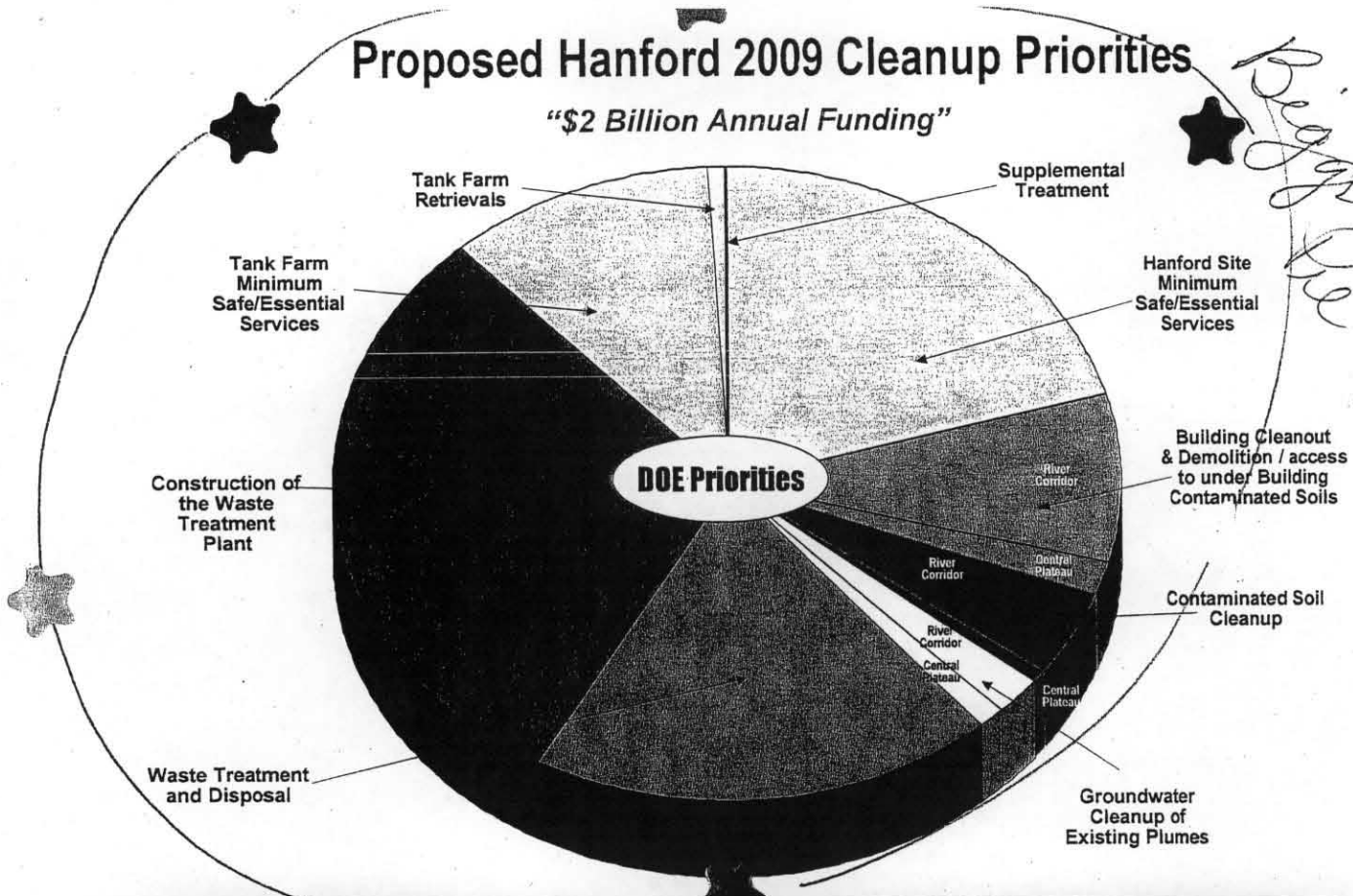
1. Baseline budget
2. Overtarget budget
3. The maximum budget to do maximum work that Hanford budget could effectively use.

I don't feel that the baseline + overtarget budgets accurately reflect what Hanford needs. I'd like to see a budget that reflects the maximum possible → the dream budget. This allows organizations to ask Congress for what Hanford really needs, not just what DOE or OR ~~R~~ or RL can realistically get.

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"

Biggie



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau	<i>Full funding</i>	
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor	←	<i>Full funding</i>
Contaminated Soil Cleanup - River Corridor	←	<i>Full funding</i>
Contaminated Soil Cleanup - Central Plateau	←	<i>Full funding</i>
Groundwater Cleanup of Existing Plumes - River Corridor	←	<i>Full funding</i>
Groundwater Cleanup of Existing Plumes - Central Plateau	←	<i>Full funding</i>
Waste Treatment and Disposal	←	<i>Full focus</i>
Construction of the Waste Treatment Plant	←	<i>Full focus</i>
Tank Farm Retrievals	←	<i>Full focus</i>
Supplemental Treatment		<i>(no) focus</i>
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

- Full Cleanout*
- TPA Compliance*
- Both of the above*

★ = More Focus
● = Less Focus

* You must have an equal number of more or less dots

I am a member of:

<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input type="checkbox"/> Public	<input type="checkbox"/> Other

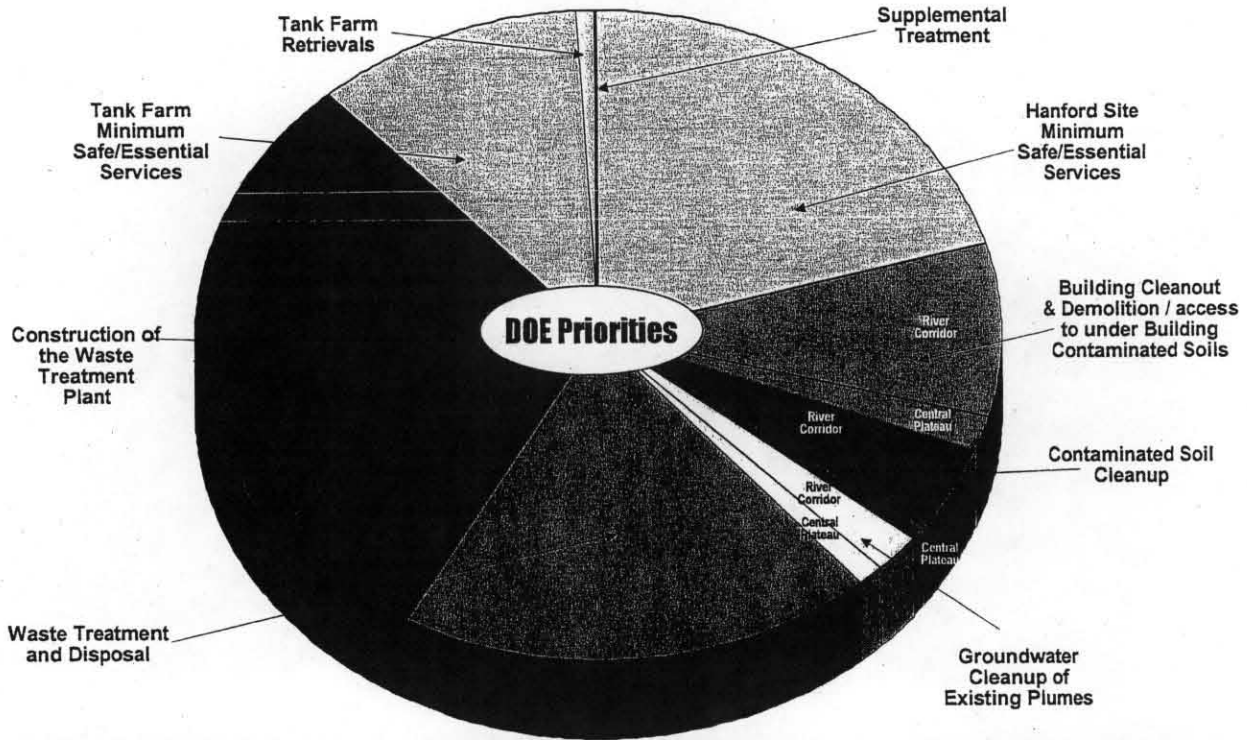
Additional Comments

~ We cannot pull apart the whole of cleanup into little separate priorities or pieces. They are all intricately related. The DOE works in such a piecemeal fashion and is asking us to do the same in the priority game. DOE needs to look at the whole of cleanup at each site, do an honest full-fledged baseline of what can be done effectively each year over the life time of the proper cleanup.

This exercise did inspire my creativity. I didn't refuse to do it!

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated soils - Central Plateau	☆☆☆	
Building Cleanout & Demolition / access to under building contaminated soils - River Corridor	☆☆☆	
Contaminated Soil Cleanup - River Corridor	☆☆☆	
Contaminated Soil Cleanup - Central Plateau	☆☆☆	
Groundwater Cleanup of Existing Plumes - River Corridor	☆☆☆☆	
Groundwater Cleanup of Existing Plumes - Central Plateau	☆☆☆☆	
Waste Treatment and Disposal	☆☆☆	
Construction of the Waste Treatment Plant	☆☆☆	
Tank Farm Retrievals	☆☆☆☆	
Supplemental Treatment	☆☆☆	
OTHER	NEED MORE MONEY, !!!!!!!	

The ground must be on meeting the Tri Party Agreement rankings on the

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Get all ground water clean
2. rapid tank cleanup, completely
3. Stop production out of further plutonium tanks

★ = More Focus
● = Less Focus

* You must have an equal number of more or less dots

I am a member of:

- Hanford Stakeholder/Organization
- Tribal Government
- Public
- Government (city, state, or federal)
- Site Contractor
- Other *Hanford watch,*

Additional Comments

There must be TPA standards
for cleaning up the ground
water!

DOE should give DOD the task
of paying for the Pu storage &
protection

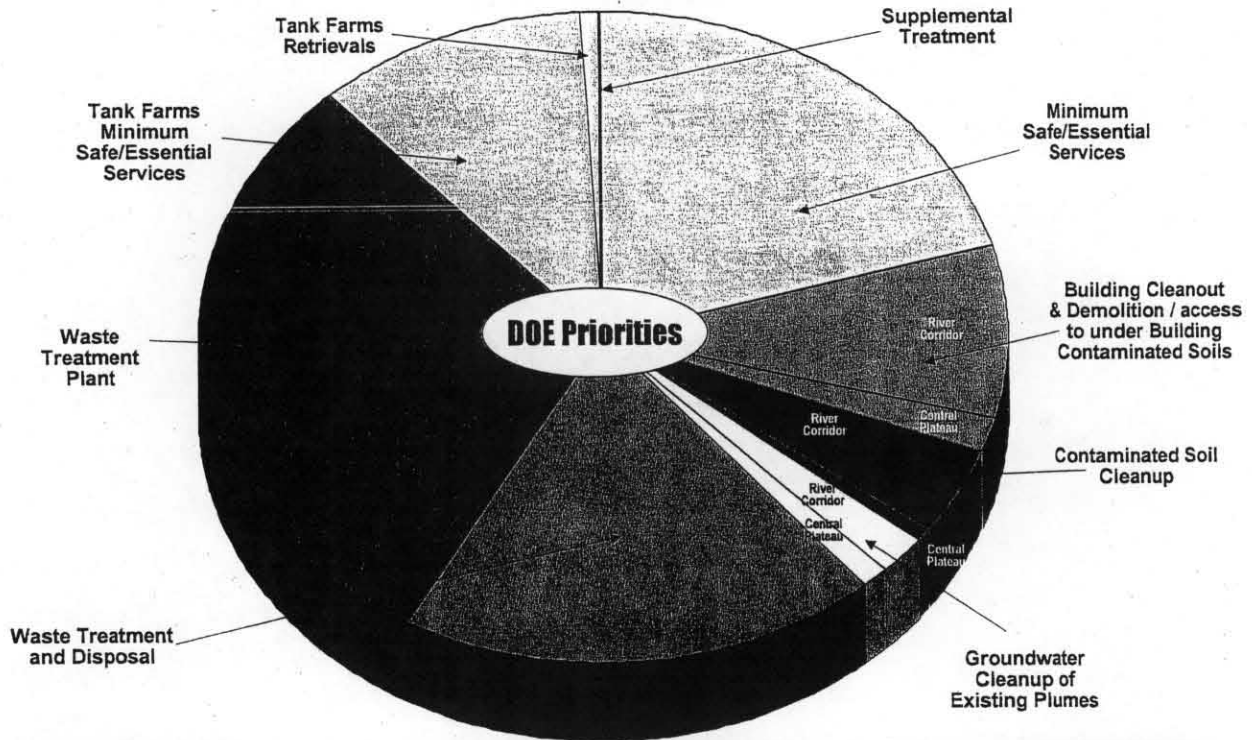
Please get Trojans waste off
the Columbia River!

Thank you for every step of
the cleanup & please move
it much more quickly. One
tank per year in cleanup is
terribly slow!

Do not produce any more
radioactive waste!

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment Plant Construction		
Waste Treatment Plant		
Tank Farms Retrieval		
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. PUBLIC AWARENESS CAMPAIGN - REALITY CHECK

2. PERSONAL PERSUASION OF INFLUENTIAL INDIVIDUALS

WITH VESTED INTEREST IN NUCLEAR/WMO INDUSTRIES

3. ~~IDENTIFY~~ IDENTIFY WHO STANDS TO GAIN FROM DELAYS - APPEAL TO THEIR INTERESTS
CAN THEY BE PERSUADED TO SHIFT PRIORITIES - HOW SO?

● = More Focus
○ = Less Focus

* You must have an equal number of more or less dots

I am a member of:

- Hanford Stakeholder/Organization
- Tribal Government
- Public
- Government (city, state, or federal)
- Site Contractor
- Other

SEE BACK

Additional Comments

* ① PUBLIC AWARENESS CAMPAIGN/REALITY CHECK: TALKING POINTS:

RECENT STUDIES FOR YUCCA MT. REPOSITORY SHOW RADIOACTIVE WASTE BREAKS DOWN WHEN IT COMES INTO CONTACT WITH: WATER...?!?!?

* THE COLUMBIA RIVER IS A POWERFUL, SURGING/BRIMFULL BODY OF WATER?!?!?

* HANFORD IS LOCATED IN AN ANCIENT VOLCANIC FLOODPLAIN ADJACENT TO YELLOWSTONE CAULDERA (DUE TO EXPLODE) AND TWO ACTIVE VOLCANOES (MT HOOB/RAINIER) - ALSO DUE TO BLOW?!?!?

* ③ IDENTIFY PRIVATE INDIVIDUALS AND INDUSTRIES WHOSE INFLUENCE GUIDES POLICY - NEGOTIATE FOR THEIR INTERESTS TO BE ADDRESSED ~~IN~~ IN WAYS THAT CLEANUP BECOMES HIGHEST PRIORITY. (LIFE/HEALTH)

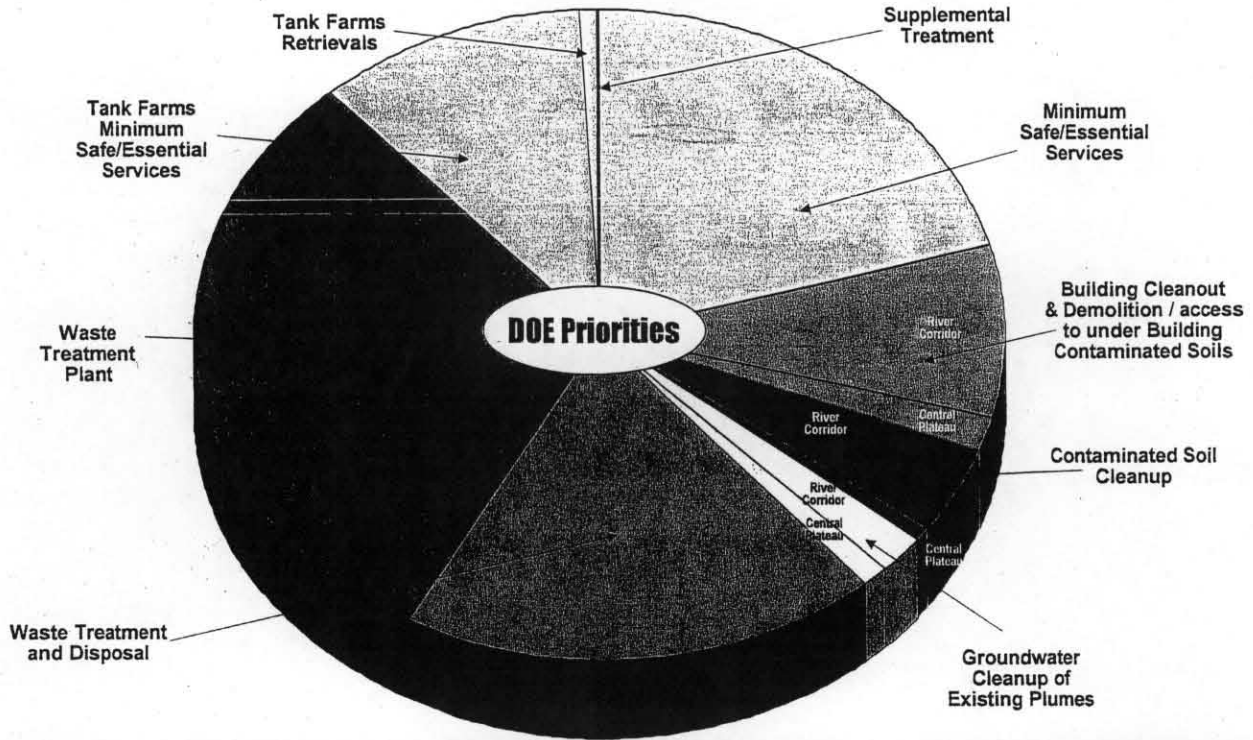
* ② LET THEM EAT (YELLOW) CAKE?!?!? ... oh, that's a joke?!?

I HAVE A SENSE THAT SOME PEOPLE WANT UNTREATED WASTE AVAILABLE TO USE AS RAW MATERIALS FOR "DIRTY WEAPONS" - WHETHER THESE ARE "TERRORIST" ELEMENTS, OR "ESTABLISHED" GOVERNMENT CONCERNS. PATTY MURRAY, MARIA CANTWELL + OTHERS WHO WORK FOR CLEANUP WALK A RAZOR'S EDGE TO ACCOMPLISH THIS GOAL. \$900 MILLION IS SMALL AMOUNT COMPARED TO BILLIONS INVESTED IN "THE WAR ON TERROR" - WHAT ABOUT EMPHASIZING CLEANUP AS A PREVENTATIVE MEASURE IN THAT "WAR ON TERROR" SINCE RAW NUCLEAR WASTE IS POTENTIAL FUEL FOR TERRORIST ACTIVITIES?!?

- SPEAKING OF CONTAINMENT - WHY NOT FOLLOW THE EXAMPLE OF CHERNOBYL?

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment Plant Construction		
Waste Treatment Plant		
Tank Farms Retrieval		
Supplemental Treatment		
OTHER <i>Progress Characterization</i>		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. *LAW sooner with more mel ters*
2. _____
3. _____

● = More Focus
○ = Less Focus

* You must have an equal number of more or less dots

I am a member of:

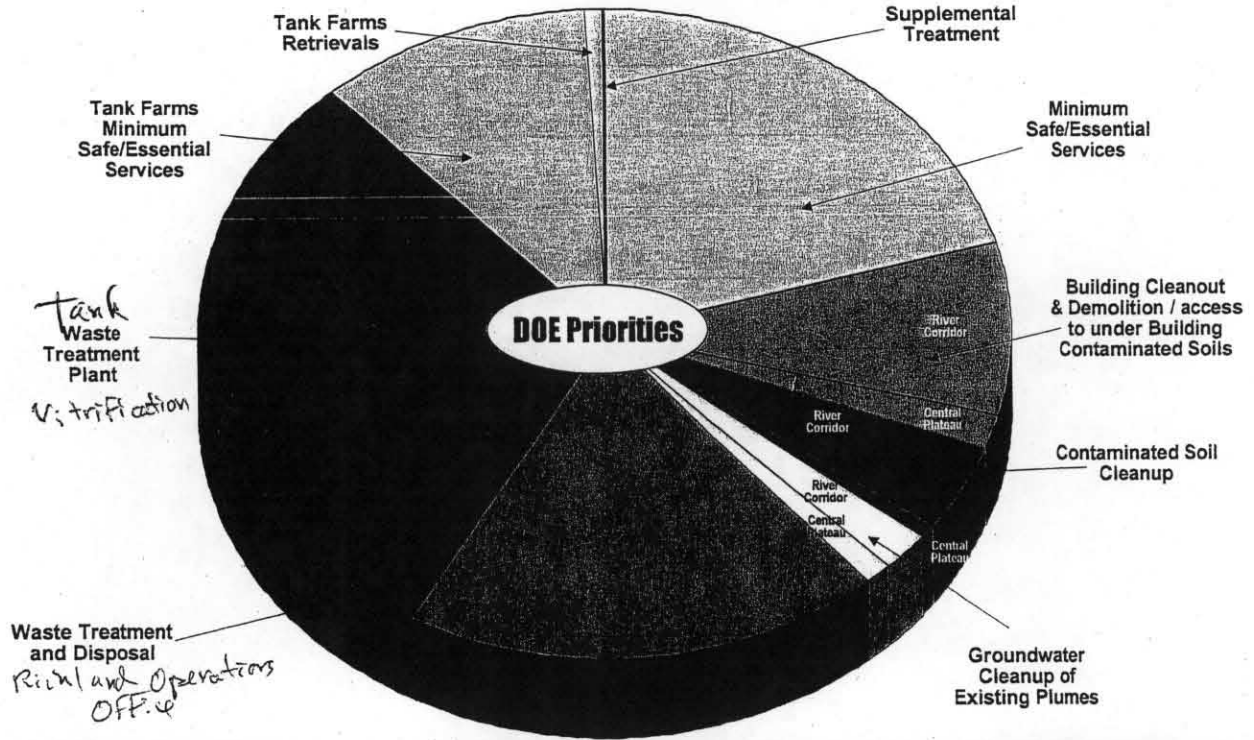
<input checked="" type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input type="checkbox"/> Public	<input type="checkbox"/> Other

Additional Comments

- ① Overall more money needed for Research.
- ② Money should not be spent on O&EP
- ③ Speed to completion of the "Cleanups" makes the entire process - If new tanks were made and material held in storage then time would be present to make the vit plant work - ensure its safety and proper function
- ④ Damage assessment for the Native American Nations must be done by demanding it in a new expanded budget

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout / Demolition / access to under Building Contaminated Soils - Central Plateau		
Building Cleanout / Demolition / access to under Building Contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment Plant Construction		
Waste Treatment Plant		
Tank Farms Retrieval		
Supplemental Treatment		
OTHER	Live up to already agreed upon commitments	New weapons Importing waste PFTK

Mislabeled?

New Power Plants
Remixing already separated wastes

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. _____
2. _____
3. _____

● = More Focus
○ = Less Focus

* You must have an equal number of more or less dots

I am a member of:

Hanford Stakeholder/Organization
 Tribal Government
 Public
 Government (city, state, or federal)
 Site Contractor
 Other

Additional Comments

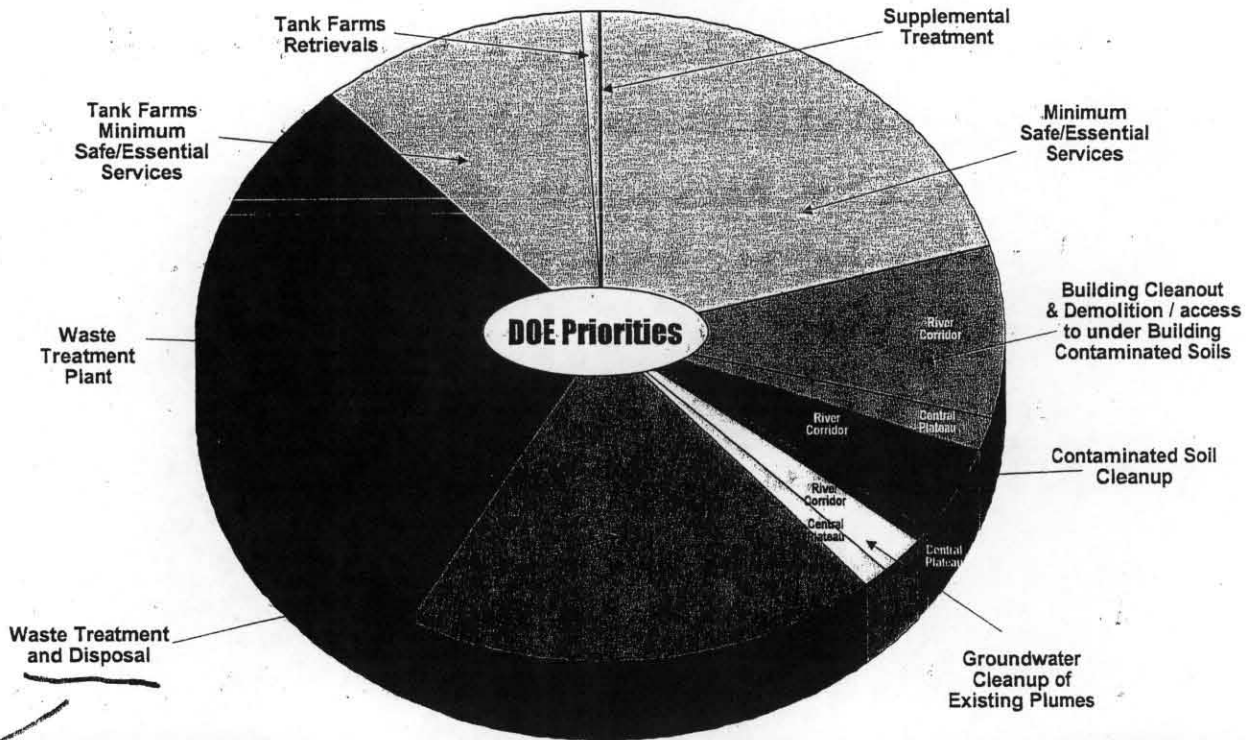
The fault does not lie with those who design the programs and present them to the public. The current administration has zero credibility, having chosen to squander and pilfer far more resources on disastrous wars than would be needed to make meaningful progress on the burdens still remaining from World War II. Sixty plus years later, we don't know how to undo the damage.

There should **MUST** be no new nuclear power plants until/unless it is determined how to take care of the deadly side effects, put those methods into practice, and ^{we have} caught up with the toxic legacy of past and present activities.

This activity presents us with choices within a zero-sum game. We cannot evaluate the relative cost/effectiveness of these options, only presume the relative immediacy of the damages from neglecting the various activities. More resources! More taxes, **ESPECIALLY** from those who can afford it! Less obscene profits to government contractors! Less revolving door from Congress/agencies to ^{from} contractors/lobbyists!

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout / Demolition / access to under Building Contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under Building Contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment Plant Construction		
Waste Treatment Plant		
Tank Farms Retrieval		
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. reduce + improve lighting so that there's less waste light (see back)
2. use of water to suppress fires is not universal, it will cost a lot of money (see back)
3. Some risks are underestimated (see back)

● = More Focus
○ = Less Focus

* You must have an equal number of more or less dots

I am a member of:

<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Other

*with one more
management
is that not
enough is
available
things
the size
of them?*

Additional Comments

I keep being asked to comment on documents I haven't seen. There need to be circulating copies available through the public library, so that the documents can be checked out and taken home, then returned to the collection later. As things ~~are~~^{are}, if a copy is requested, it is permanently sent to the requester, where it clogs up shelf space.

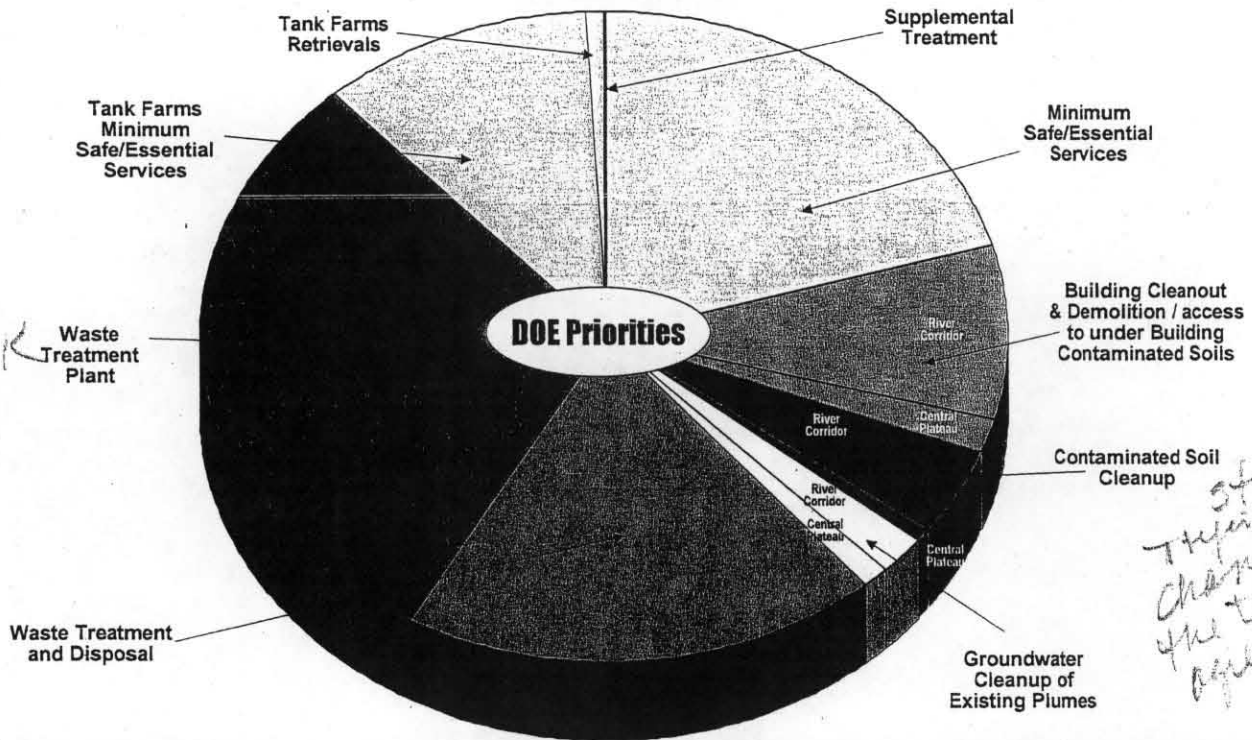
1. too much lighting is ill-focused, so that light is spilled into the sky, and peripheral areas where light is not needed. Suggestion: consult with Arizona, where light pollution laws are stringent ~~to~~ for astronomical observation reasons. Bright lighting and effective lighting are not necessarily related.

2. for example, sodium reacts badly to water, and oil based fires are spread thereby. What other fire suppression systems are in place?

3. for example, I've submitted info of the risk of subcritical impactors from outer space, and have seen no modification of the risk assessments there from

Proposed Hanford 2009 Cleanup Priorities

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TANK
BVS

stop
trying to
change
the
treaty
agreement

Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		on weapons on FFTF
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		on importing waste
Contaminated Soil Cleanup - River Corridor		new power plants
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment Plant Construction	7 city no clean	
Waste Treatment Plant		
Tank Farms Retrieval		
Supplemental Treatment		
OTHER		

BVS
TANK

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. operation & safety keep up with costs
2. Research
- 3.

⊙ = More Focus
⊙ = Less Focus

You must have an equal number of more or less dots

I am a member of:

<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Other

wanted Water Cleanup - Engineering

Additional Comments

We need more money - lots more money.
Let me see ---

If you don't cleanup soils there is
not much long term help
for cleaning & keeping clean
ground water.

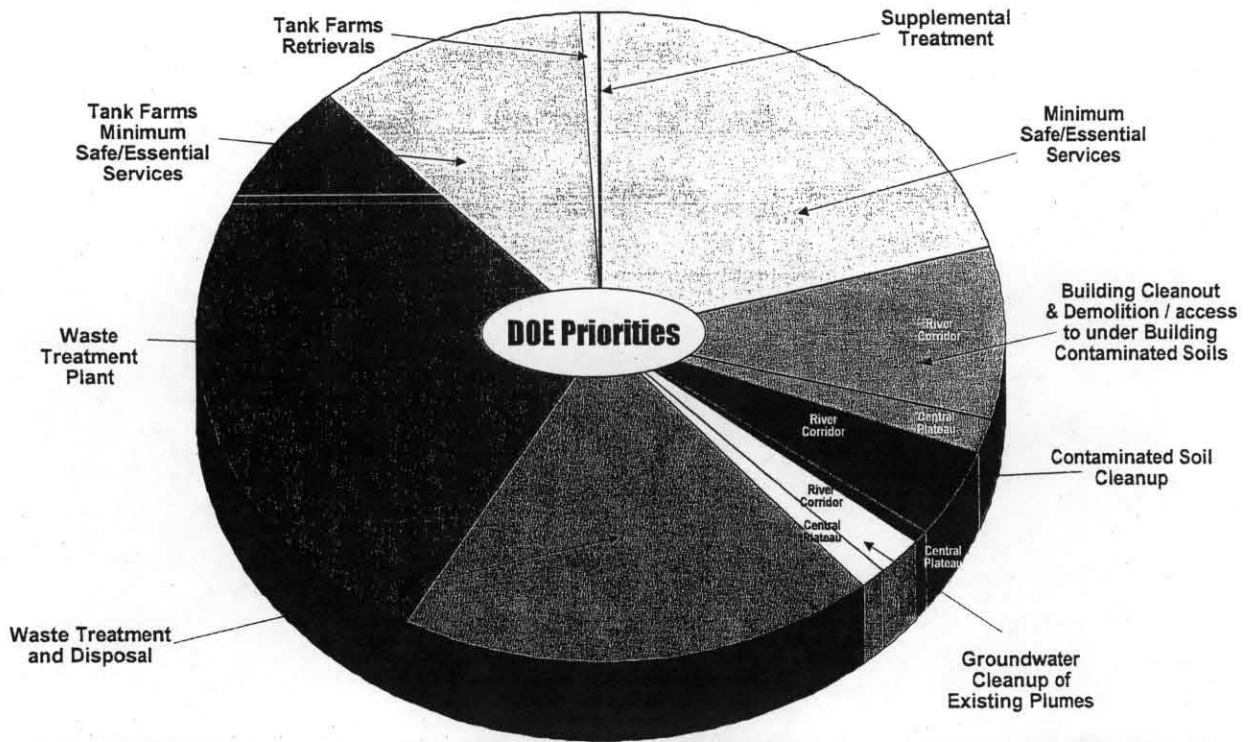
If you don't clean up the
leaks & stop leaks & prevent
more leaks the soil gets
contaminated & then the ground
water, then plume bring
the water to our Rivers -
So it is a catch 22 if we
don't do it all at once.

Somebody might figure out
that the Bush Administration
is full of folks that are so
ugly toward "good science" it
wouldn't know if it was
dying from radioactive poisons
- like Washington State has been
doing -

Sorry, we just can't die fast
enough to let our government get away
with ruining our state forever.

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Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		● ●
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		●
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment Plant Construction		
Waste Treatment Plant		
Tank Farms Retrieval		● ● ●
Supplemental Treatment		● ● ●
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Stop leaks - move waste (retrieval)
2. Prevent radioactivity from entering river
3. Build more new tanks for temporary

● = More Focus
○ = Less Focus

* You must have an equal number of more or less dots

I am a member of:

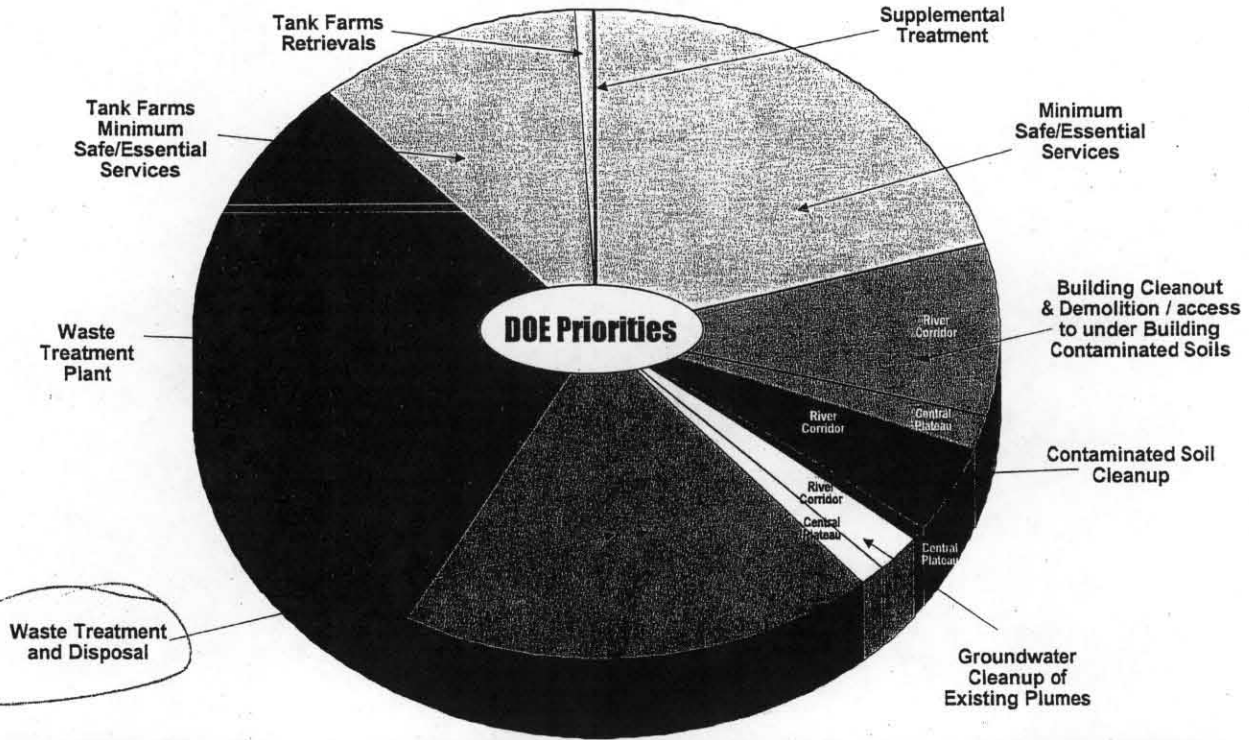
<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Other

Additional Comments

Could the state make contributions toward
key milestones? For example, could we
build some double-shell tank or two
for temporary storage?

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Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment Plant Construction		
Waste Treatment Plant		
Tank Farms Retrieval		
Supplemental Treatment		
OTHER <i>decommission FFTE</i>		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

- _____
- _____
- _____

● = More Focus
○ = Less Focus

* You must have an equal number of more or less dots

I am a member of:

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<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Other

NO!

Additional Comments

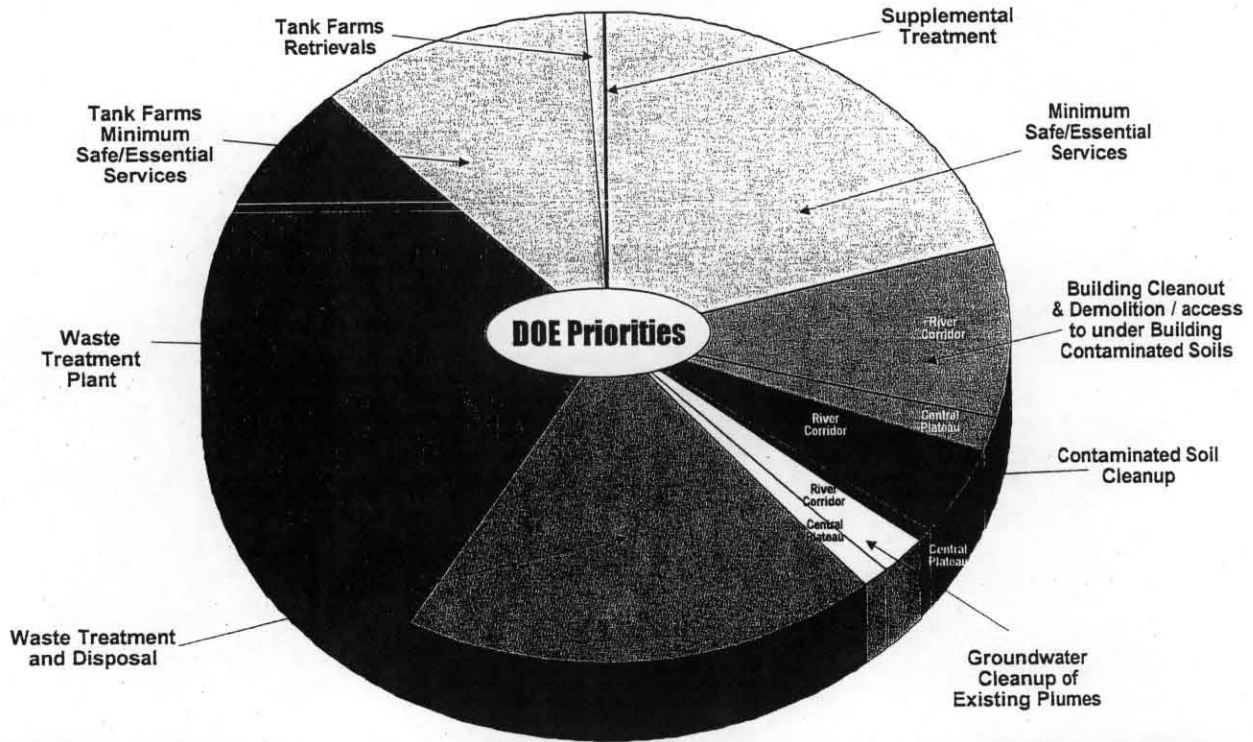
I suggest that in future greater provision is made for public comment than on 4 June 2007. At that meeting far too much time was devoted to speakers giving detailed information to the public: engineering, budgetary, legal. That part of the program ran over schedule by about an hour, with the result that many who came left the meeting. There was a modest provision in the form of this comment sheet, but the meeting was not opened to public dialogue until after 9pm.

Beyond engineering, budgetary, and legal details, the public is concerned for larger principles, such as the balance between clean up and other nuclear activities.

A minor logistical concern is that acoustics at the 4 June meeting were poor and the house lights were so bright that projected slides were hard to read, especially because many contained small print and dark colors.

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Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment Plant Construction		
Waste Treatment Plant		
Tank Farms Retrieval		
Supplemental Treatment		
OTHER		

Not completed - more than 6

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Excess water
2. _____
3. _____

● = More Focus
○ = Less Focus

* You must have an equal number of more or less dots

I am a member of:

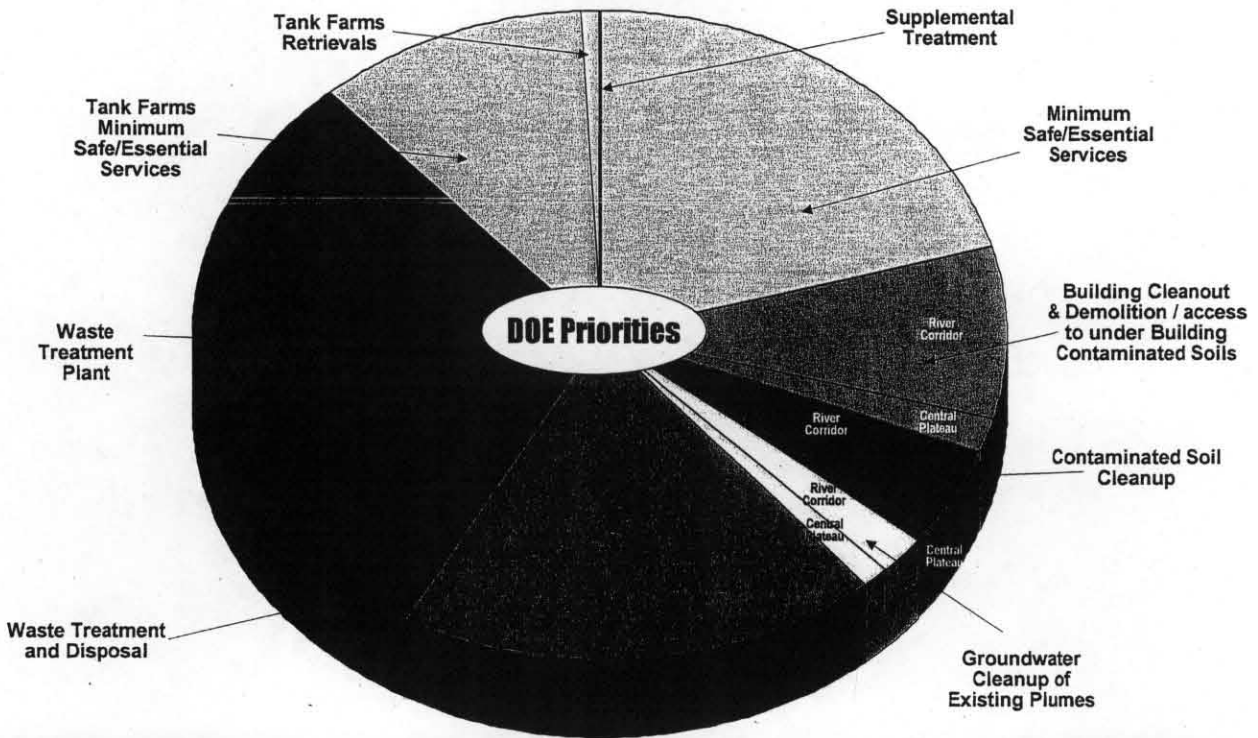
<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input type="checkbox"/> Public	<input type="checkbox"/> Other

Additional Comments

Stop putting most of your
money into JMW's to kill
people in other countries, and
start taking care of the problems
you have here.

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Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building Contaminated Soils - Central Plateau		●
Building Cleanout & Demolition / access to under building Contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		●
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment Plant Construction		●
Waste Treatment Plant		
Tank Farms Retrieval		
Supplemental Treatment		●
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. _____
2. _____
3. _____

● = More Focus
○ = Less Focus

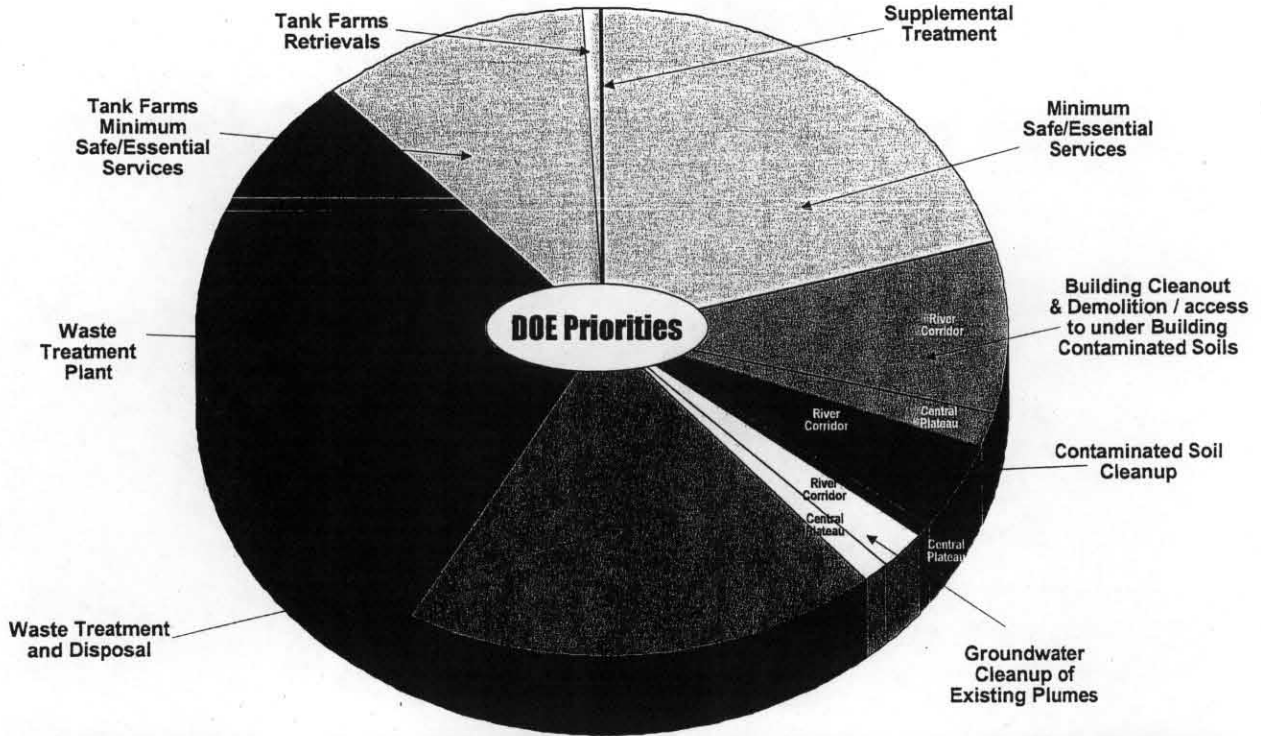
* You must have an equal number of more or less dots

I am a member of:

- Hanford Stakeholder/Organization Government (city, state, or federal)
 Tribal Government Site Contractor
 Public Other

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Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated soils - Central Plateau		●
Building Cleanout & Demolition / access to under building contaminated soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		●
Contaminated Soil Cleanup - Central Plateau		●
Groundwater Cleanup of Existing Plumes - River Corridor		●
Groundwater Cleanup of Existing Plumes - Central Plateau		●
Waste Treatment Plant Construction		
Waste Treatment Plant		
Tank Farms Retrieval		
Supplemental Treatment		●
OTHER Physical Plant Security Employee Security / Background checks	●	●

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. _____
2. _____
3. _____

● = More Focus
○ = Less Focus

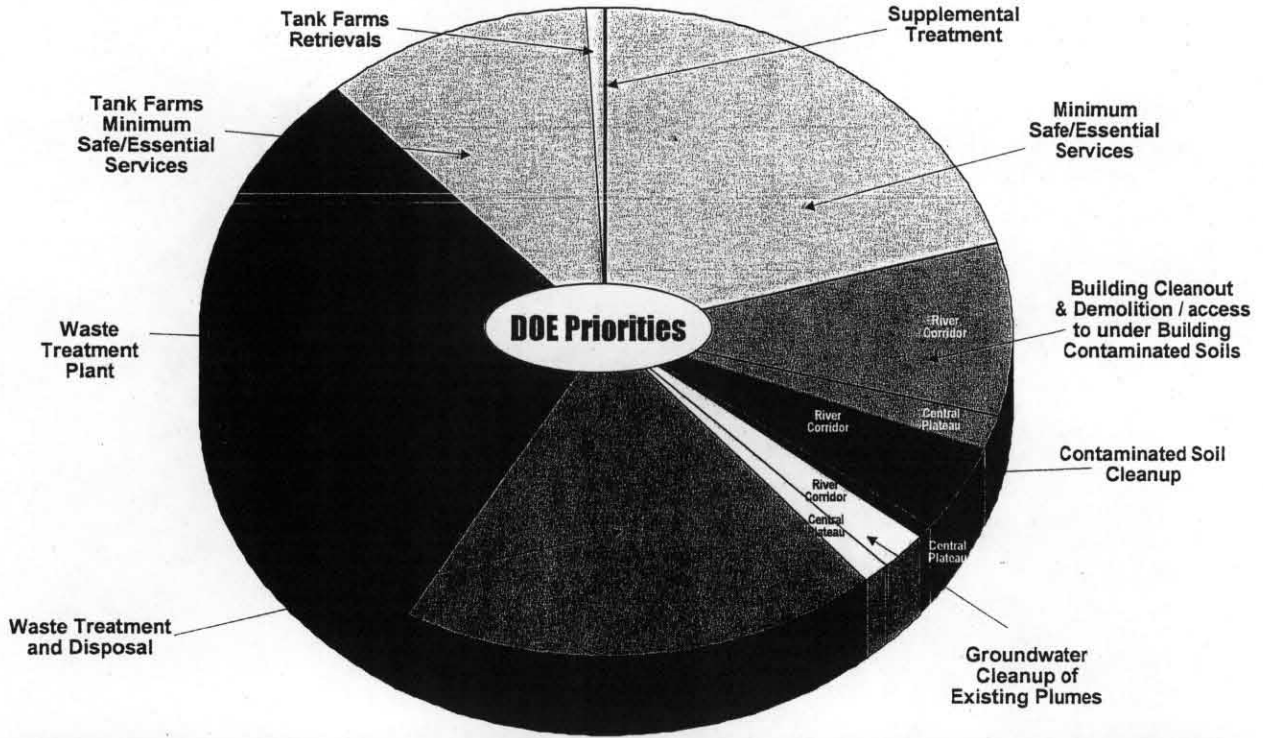
* You must have an equal number of more or less dots

I am a member of:

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 Tribal Government Site Contractor
 Public Other Heart of America N.W.

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Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building - Contaminated Soils - Central Plateau		●
Building Cleanout & Demolition / access to under building - Contaminated Soils - River Corridor	●	
Contaminated Soil Cleanup - River Corridor		●
Contaminated Soil Cleanup - Central Plateau		●
Groundwater Cleanup of Existing Plumes - River Corridor		●
Groundwater Cleanup of Existing Plumes - Central Plateau		●
Waste Treatment Plant Construction		●
Waste Treatment Plant		●
Tank Farms Retrieval		●
Supplemental Treatment		●
OTHER		●

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. _____
2. _____
3. _____

● = More Focus
● = Less Focus

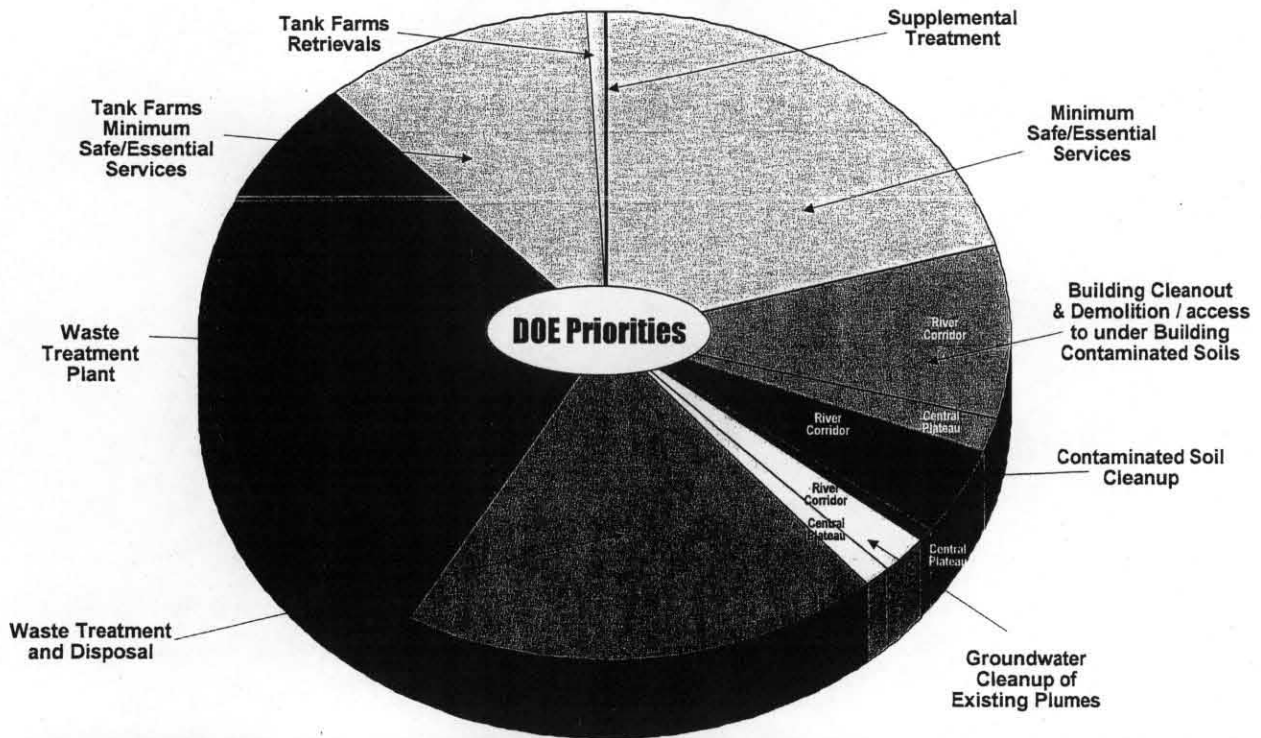
* You must have an equal number of more or less dots

I am a member of:

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| <input type="checkbox"/> Tribal Government | <input type="checkbox"/> Site Contractor |
| <input type="checkbox"/> Public | <input type="checkbox"/> Other |

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Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment Plant Construction		
Waste Treatment Plant		
Tank Farms Retrieval		
Supplemental Treatment		●●●●●●●●●●
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. GROUND WATER CLEANUP
2. CONTAMINATED SOIL CLEANUP
3. TANK FARM RETRIEVAL

● = More Focus
○ = Less Focus

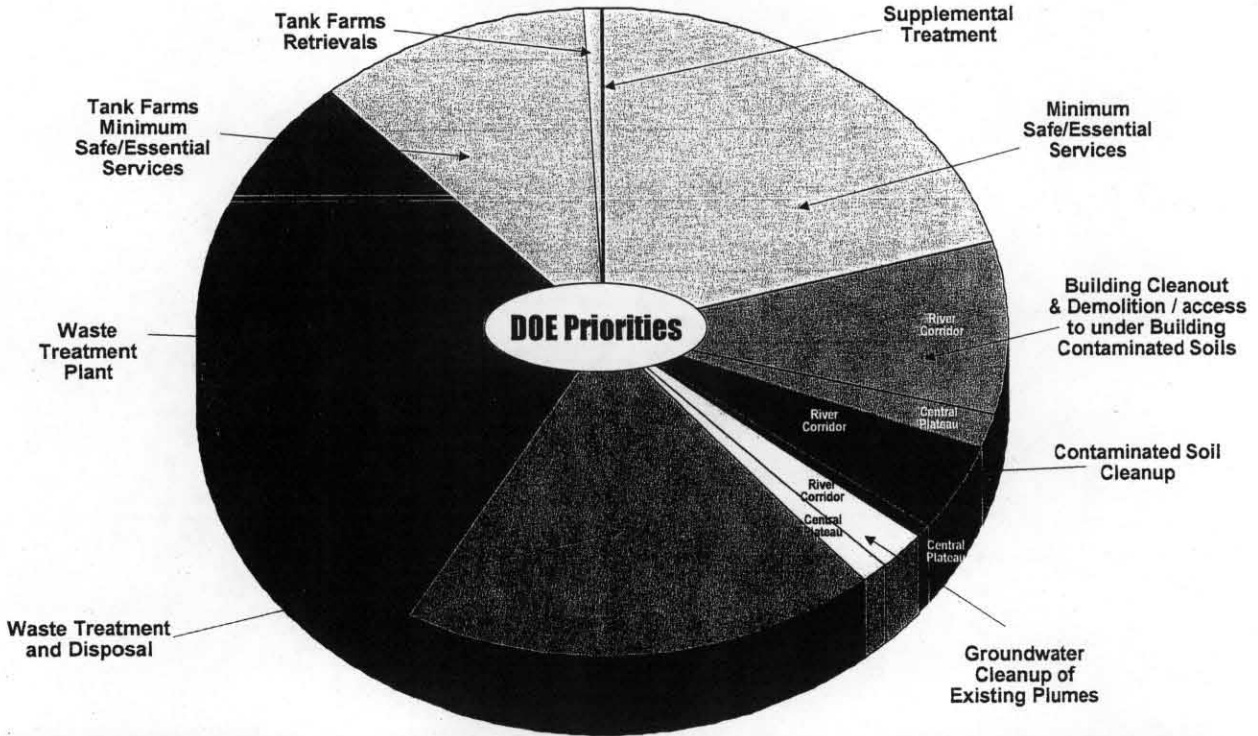
* You must have an equal number of more or less dots

I am a member of:

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|---|---|
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| <input type="checkbox"/> Tribal Government | <input type="checkbox"/> Site Contractor |
| <input type="checkbox"/> Public | <input checked="" type="checkbox"/> Other |

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"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment Plant Construction		
Waste Treatment Plant		●
Tank Farms Retrieval		● ●
Supplemental Treatment		● ● ●
OTHER	FFTF dismantlement +	"Security"

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Move ATF FFTF dismantlement - get on with it

2. Do Not Start Construction of Pre-Treated until processes proven with trial plant, 2 sites of plumes to add 2-3 more DOE to instead of your divide and conquer OCT.

● = More Focus
○ = Less Focus

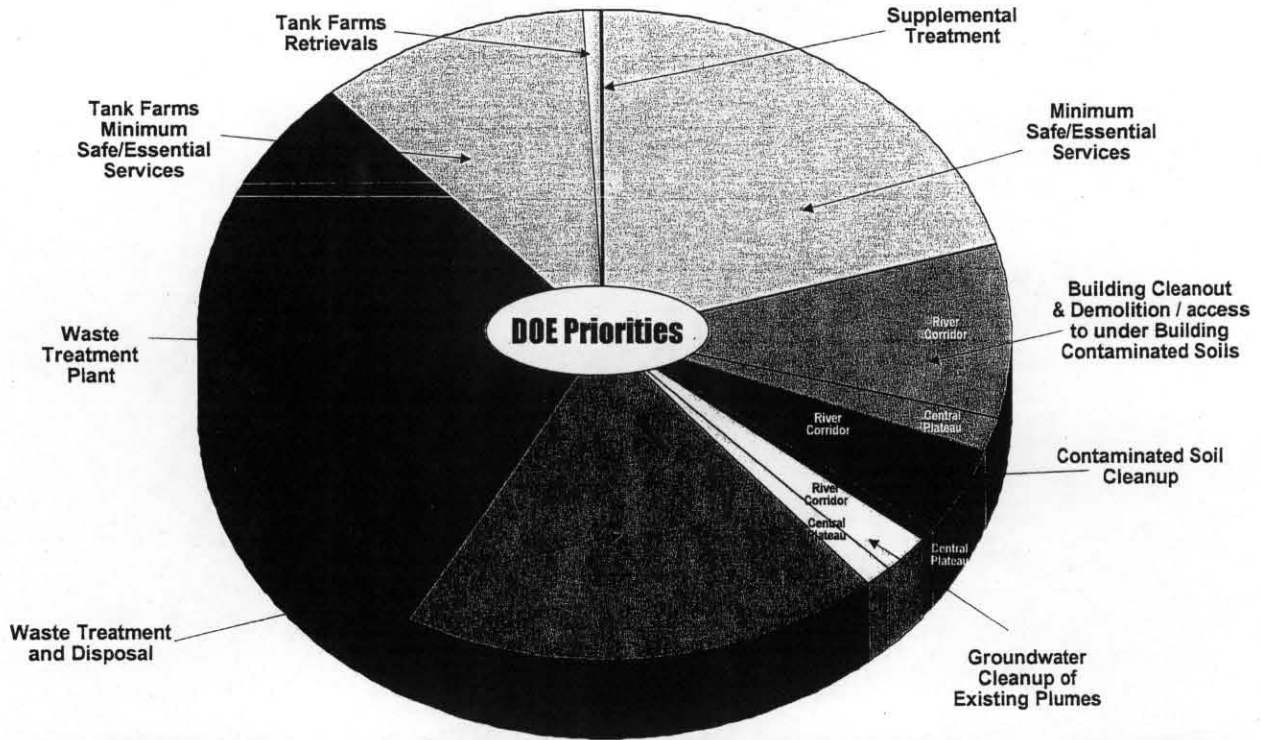
* You must have an equal number of more or less dots

I am a member of:

- Hanford Stakeholder/Organization
- Tribal Government
- Public
- Government (city, state, or federal)
- Site Contractor
- Other

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Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated soils - Central Plateau		●
Building Cleanout & Demolition / access to under building contaminated soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		●
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		●
Waste Treatment Plant Construction		
Waste Treatment Plant		
Tank Farms Retrieval		
Supplemental Treatment		●
OTHER		●

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

- _____
- _____
- _____

● = More Focus
○ = Less Focus

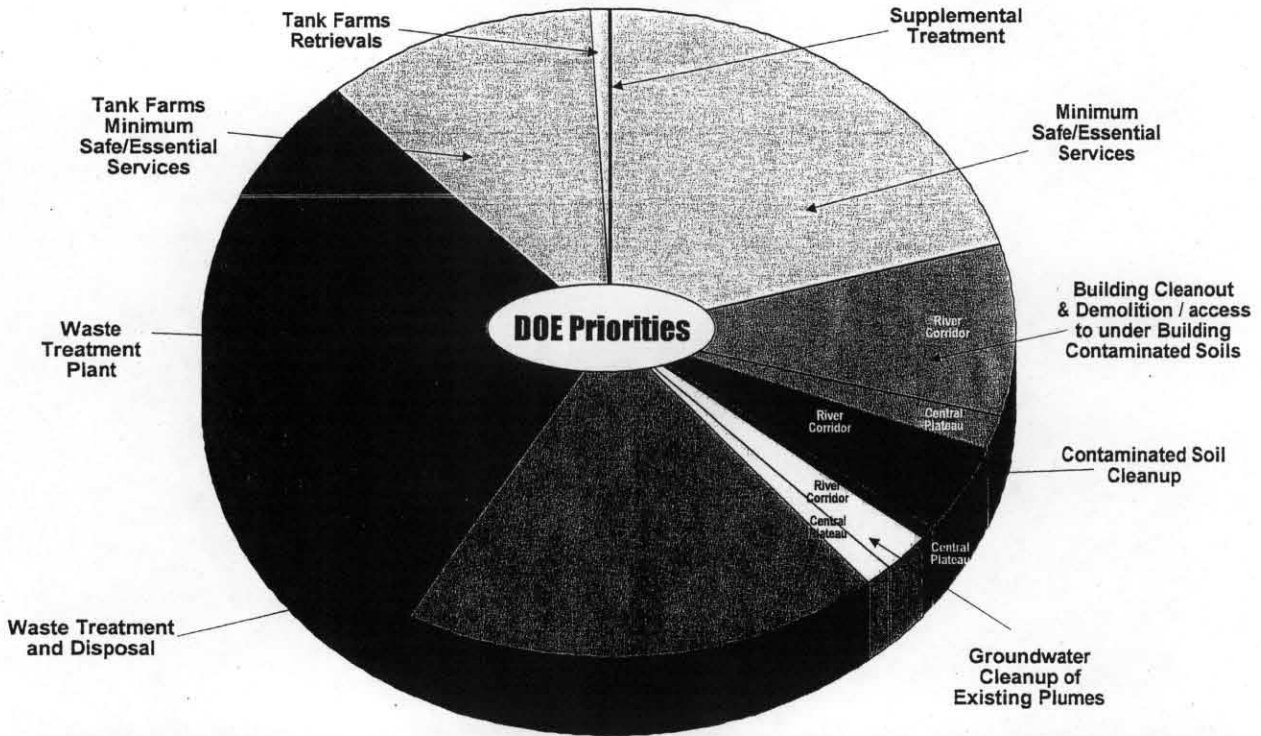
* You must have an equal number of more or less dots

I am a member of:

- Hanford Stakeholder/Organization Government (city, state, or federal)
 Tribal Government Site Contractor
 Public Other

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Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment Plant Construction		
Waste Treatment Plant		
Tank Farms Retrieval		
Supplemental Treatment		●●●●●●●●
OTHER <i>decommission FFTF</i>		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

- _____
- _____
- _____

● = More Focus
● = Less Focus

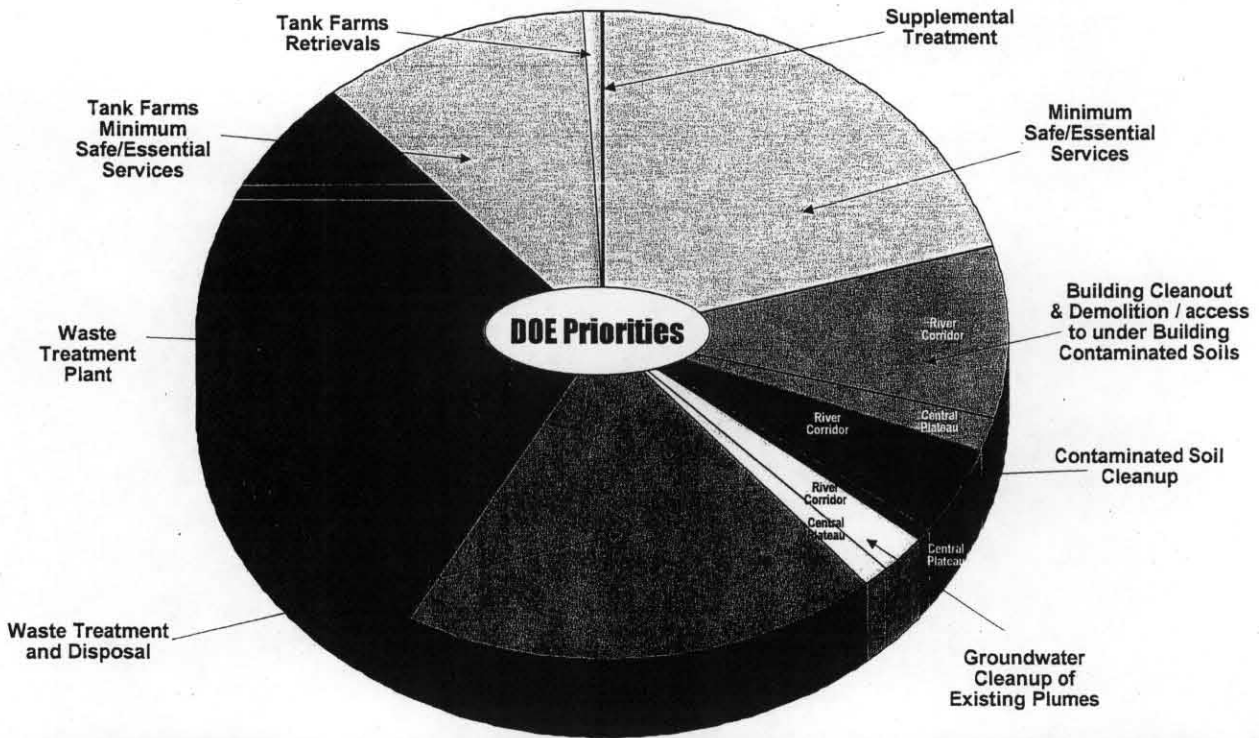
* You must have an equal number of more or less dots

I am a member of:

- Hanford Stakeholder/Organization Government (city, state, or federal)
 Tribal Government Site Contractor
 Public Other

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Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup River Corridor	●	
Contaminated Soil Cleanup Central Plateau	●	
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cle Plumes - Central	●	
Waste Treatment Plant Construction		
Waste Treatment Plant		
Tank Farms Retrieval	●	
Supplemental Treatment		
OTHER	# for natural resource injury assessment & holistic comprehensive risk assessment	

wastes in unlined trenches, HLW not in tanks

HLW in vadose zone - do something!

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. _____
2. _____
3. _____

● = More Focus
○ = Less Focus

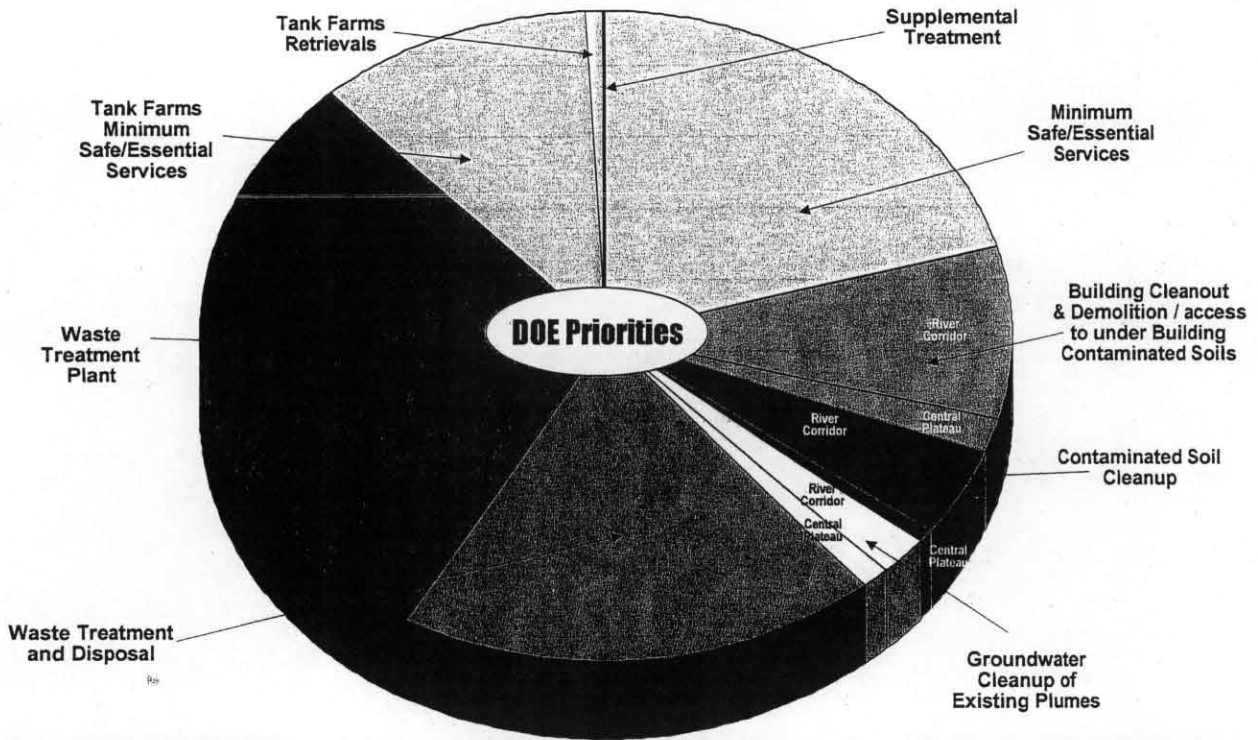
* You must have an equal number of more or less dots

I am a member of:

<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
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<input type="checkbox"/> Public	<input type="checkbox"/> Other

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Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		●
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		●
Contaminated Soil Cleanup - River Corridor		●
Contaminated Soil Cleanup - Central Plateau		●
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment Plant Construction		
Waste Treatment Plant		
Tank Farms Retrieval		
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. _____
2. _____
3. _____

● = More Focus
○ = Less Focus

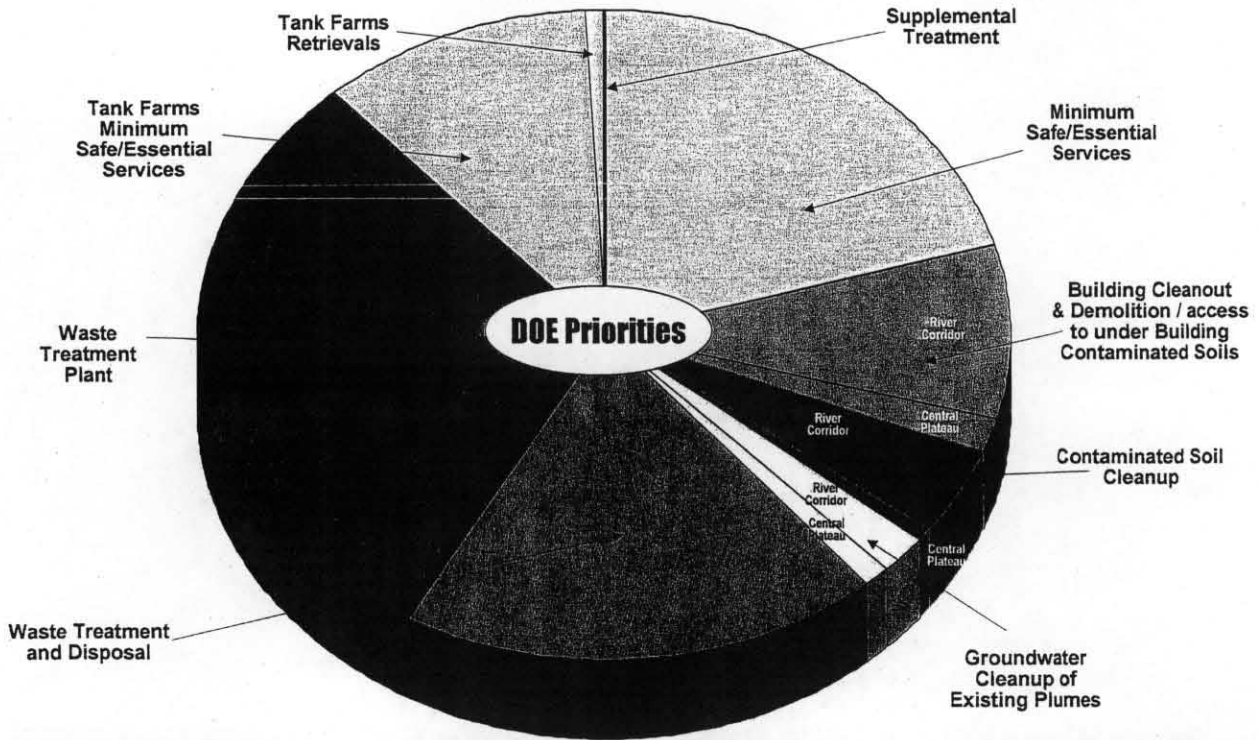
* You must have an equal number of more or less dots

I am a member of:

- | | |
|---|---|
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| <input type="checkbox"/> Tribal Government | <input type="checkbox"/> Site Contractor |
| <input type="checkbox"/> Public | <input type="checkbox"/> Other |

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Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment Plant Construction		
Waste Treatment Plant		
Tank Farms Retrieval		
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. cleanup
2. tank retrieval
3. _____

● = More Focus
○ = Less Focus

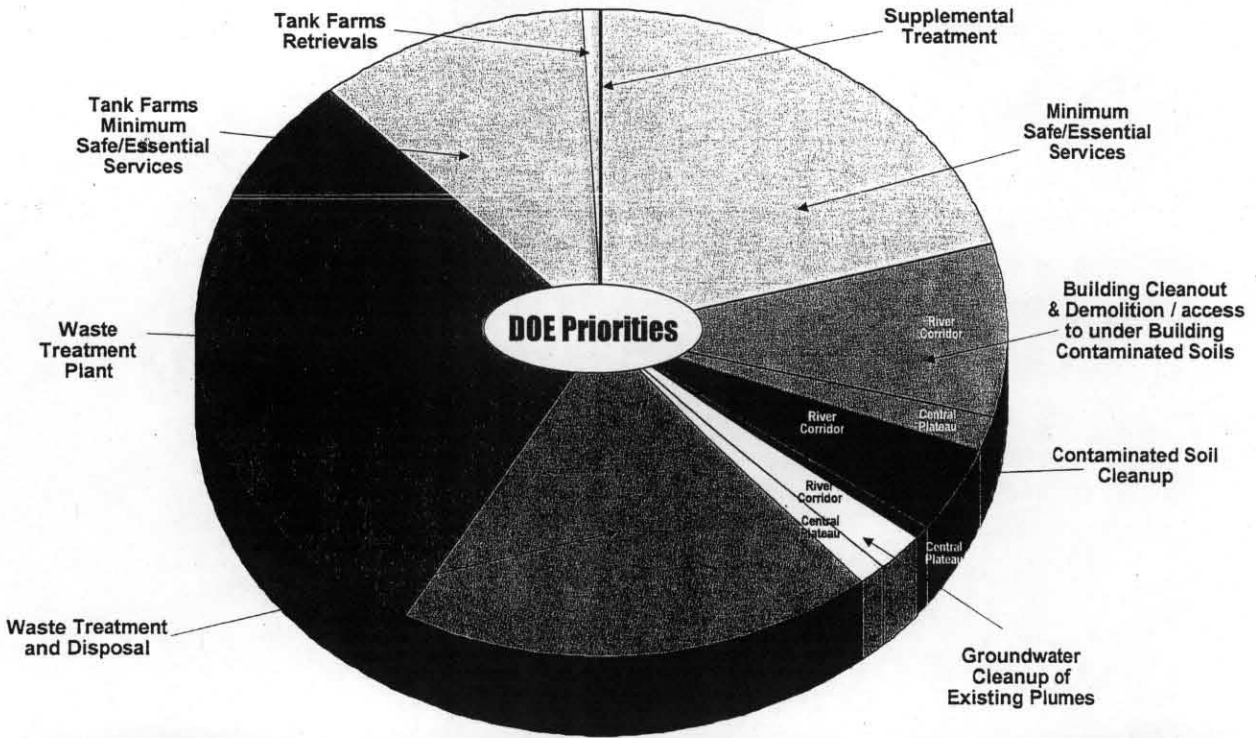
* You must have an equal number of more or less dots

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<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Other

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		●
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		●
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment Plant Construction		
Waste Treatment Plant		
Tank Farms Retrieval		
Supplemental Treatment		
OTHER <i>GNEP</i>		●●●●●

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. _____
2. _____
3. _____

● = More Focus
○ = Less Focus

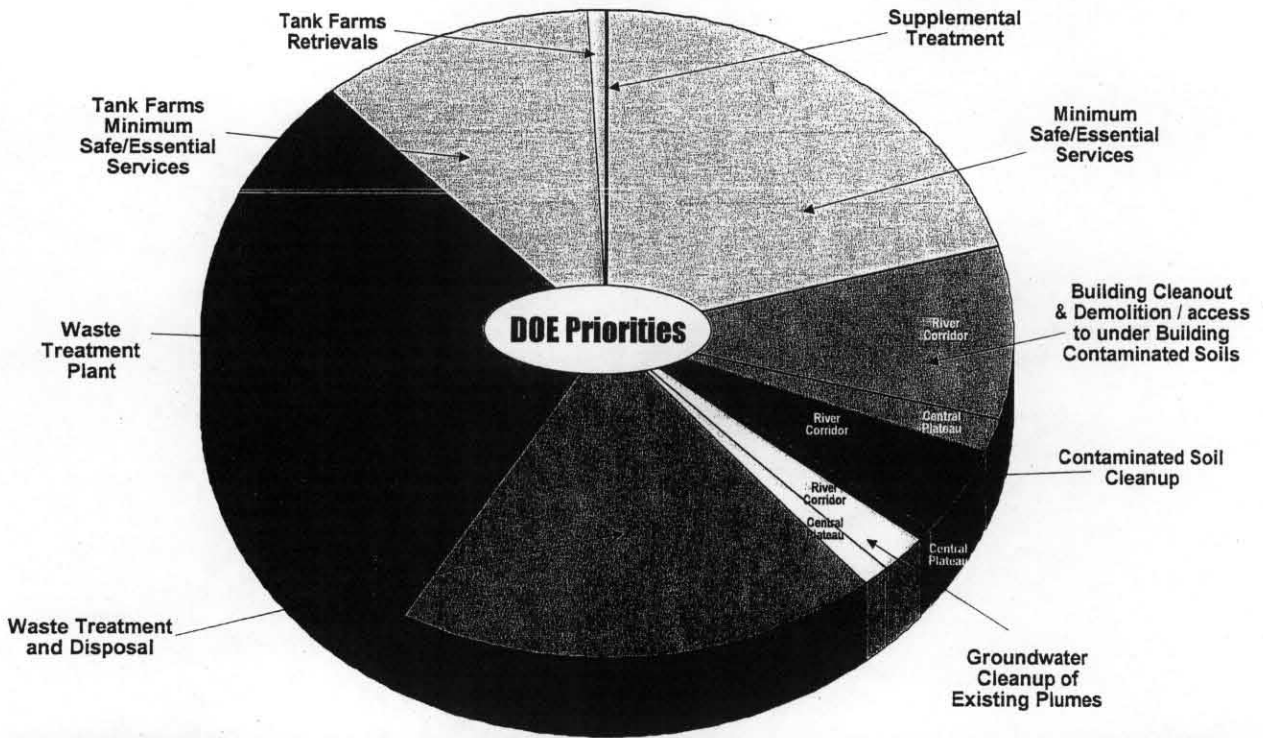
* You must have an equal number of more or less dots

I am a member of:

<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input type="checkbox"/> Public	<input type="checkbox"/> Other

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Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		●
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		● ●
Contaminated Soil Cleanup - Central Plateau		● ●
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment Plant Construction		
Waste Treatment Plant		
Tank Farms Retrieval		● ● ●
Supplemental Treatment		● ● ●
OTHER <i>Decommission F F T F</i>		

Vitrification

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

- Groundwater monitoring & cleanup*
- Clean up tank farm*
- Speed up vitrif plant technology*

● = More Focus
○ = Less Focus

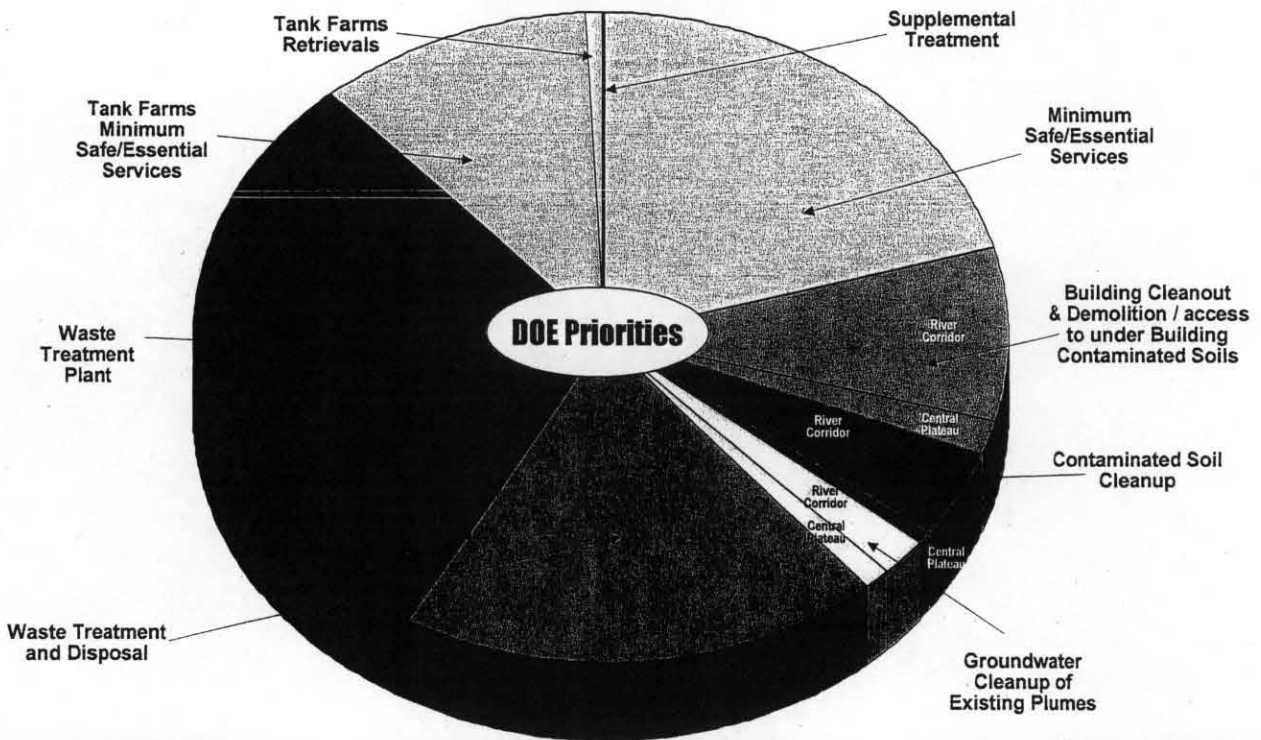
* You must have an equal number of more or less dots

I am a member of:

- Hanford Stakeholder/Organization
- Tribal Government
- Public
- Government (city, state, or federal)
- Site Contractor
- Other

Proposed Hanford 2009 Cleanup Priorities

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Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment Plant Construction		
Waste Treatment Plant		
Tank Farms Retrieval		
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Groundwater Remediation
2. _____
3. _____

● = More Focus
○ = Less Focus

* You must have an equal number of more or less dots

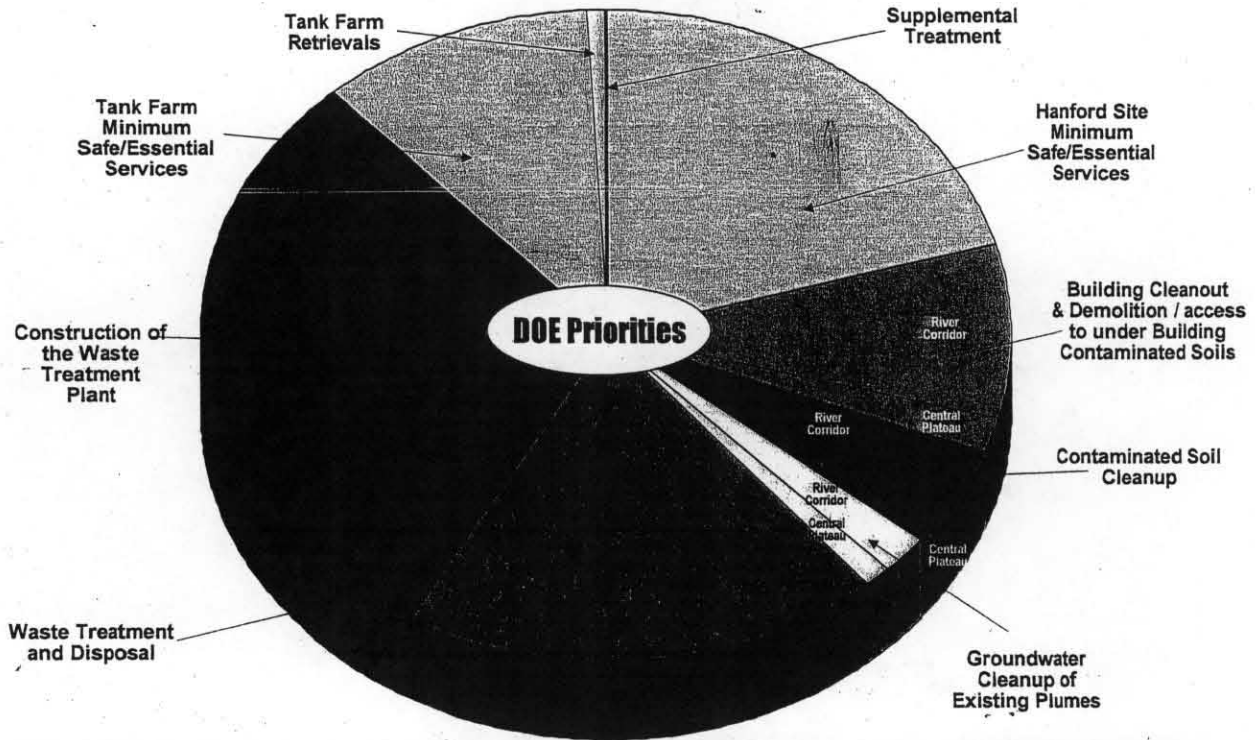
I am a member of:

- Hanford Stakeholder/Organization Government (city, state, or federal)
 Tribal Government Site Contractor
 Public Other

Hood River

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Plant Remediation (Removal of Radioactive Waste from Buildings and Contaminated Soils, Central Plateau)		
Plant Remediation (Removal of Radioactive Waste from Buildings and Contaminated Soils, River Corridor)	★	
Contaminated Soil Cleanup - River Corridor	★ CHARACTERIZATION	
Contaminated Soil Cleanup - Central Plateau	★ RE	
Groundwater Cleanup of Existing Plumes - River Corridor	★ CHARACTERIZE	
Groundwater Cleanup of Existing Plumes - Central Plateau	★ CHARACTERIZE	
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals		
Supplemental Treatment		
OTHER CHARACTERIZATION		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. CHARACTERIZATION
2. _____
3. _____

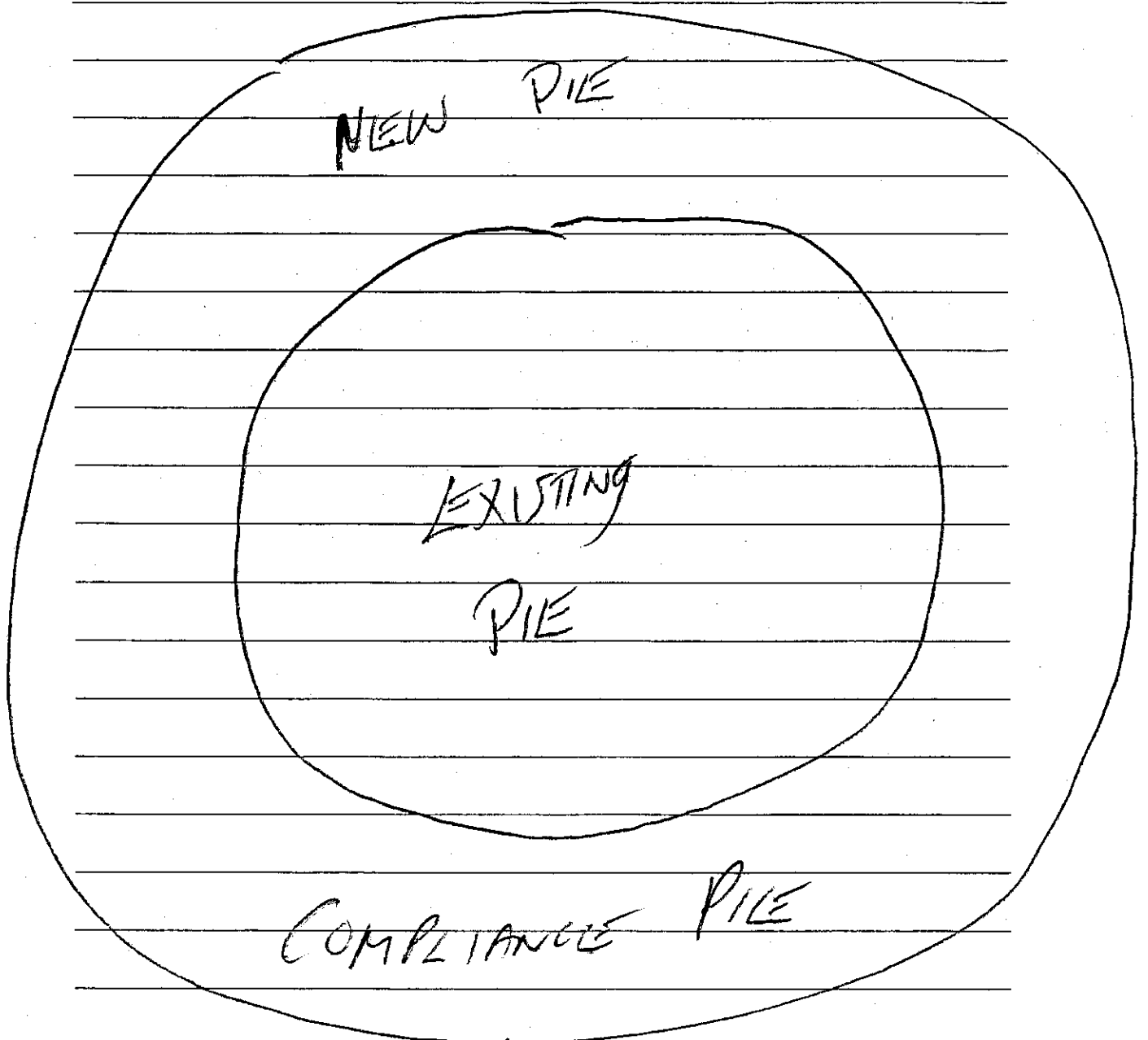
★ = More Focus
● = Less Focus

* You must have an equal number of more or less dots

I am a member of:

- Hanford Stakeholder/Organization Government (city, state, or federal)
 Tribal Government Site Contractor
 Public Other

Additional Comments

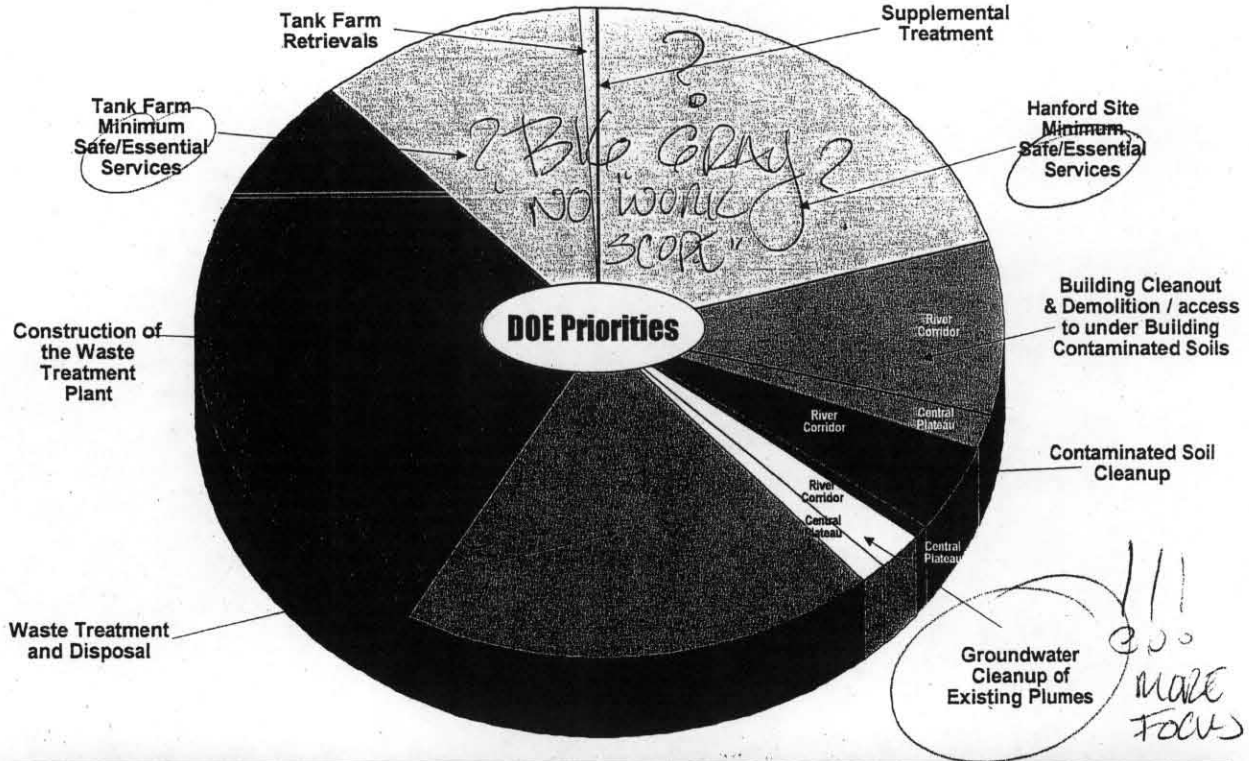


THIS IS THE NEW TARGET

A 500 MILLION SHORTFALL!

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor	See back	
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor	→ ★★★★★	
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal	See back	
Construction of the Waste Treatment Plant		
Tank Farm Retrievals	★★★★★	
Supplemental Treatment	See back	
OTHER solidification	★★★★★	

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. _____
2. _____
3. _____

★ = More Focus
● = Less Focus

* You must have an equal number of more or less dots

I am a member of:

- | | |
|---|---|
| <input type="checkbox"/> Hanford Stakeholder/Organization | <input type="checkbox"/> Government (city, state, or federal) |
| <input type="checkbox"/> Tribal Government | <input type="checkbox"/> Site Contractor |
| <input type="checkbox"/> Public | <input type="checkbox"/> Other |

Additional Comments

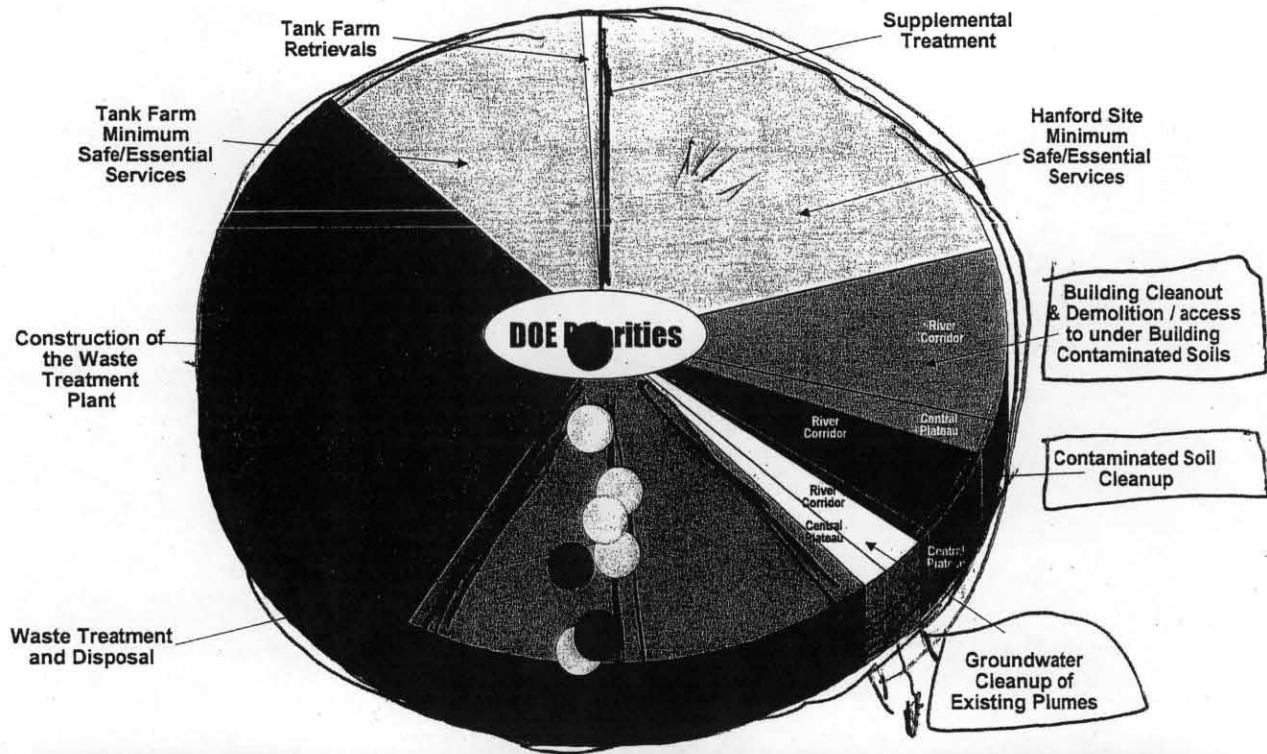
As a lawyer person - I don't feel I can
shuffle the pie as my choice - but
well groundwater ^{as} priority cleanup is
a piece of unknown implications to
the rest of the pie -

Why not spend some money on
advertising - educating the public as
to increasing the size of the pie -

public education ~~for~~ / marketing as one
public citizen said - The whole thing
should be marketed as ALGORE ~~THE~~
OR NATIONAL GEOGRAPHIC DID/HAS DONE
FOR GLOBAL WARMING

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals		
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. _____
2. _____
3. _____

★ = More Focus
● = Less Focus

* You must have an equal number of more or less dots

I am a member of:

<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input type="checkbox"/> Public	<input type="checkbox"/> Other

Additional Comments

★ MATCH Priority ★

Protecting human health & the environment
by eliminating discharges of radioactive &
toxic wastes to the river!

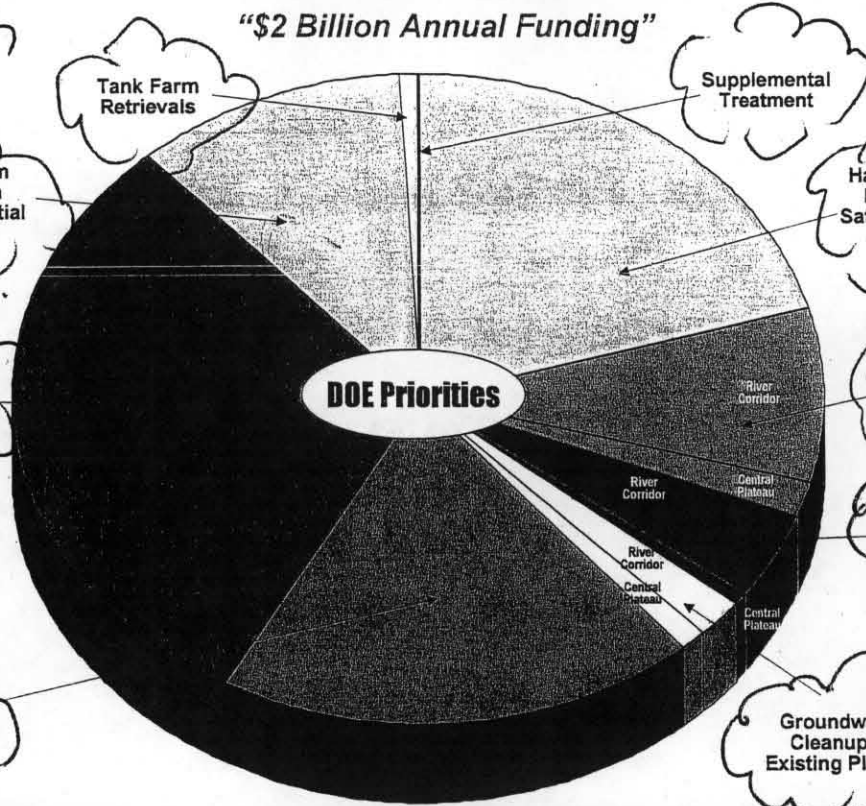
(Zadway Priority)

- Cleanup of the materials with the highest
potential of reaching the river. ●

● please model for much stronger
earth quakes than 5.2.

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



PLEASE INCLUDE REAL \$ AMOUNTS

YOU ASSUME THESE CHOICES ARE ENOUGH. WHAT ELSE CAN WE DO IS CRITICAL

ALTERNATIVE OPTIONS!
WHAT A SMALL BOX FOR NEW / DIFFERENT

Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals		
Supplemental Treatment		
OTHER		

HOW WILL THIS BE USED?
IS IT VALID AND RELIABLE?
IS IT A TRUE REFLECTION OF THE GENERAL POPULATION?
DID YOU HAVE AN EXPECTED STATISTICS DESIGN SURVEY?
WHO WILL COMPARE AND USE THIS DATA?

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

STOP EXISTING PRODUCTION OF NEW TOXIC WASTE!!

★ = More Focus
● = Less Focus

* You must have an equal number of more or less dots

I am a member of:

<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input type="checkbox"/> Public	<input type="checkbox"/> Other

Additional Comments

I live on the river's edge.

I WOULD LIKE TO FEEL SAFE IN HAVING MY GRANDBABIES WADE IN THE WATER. I DON'T! I WOULD LIKE TO FEEL COMFORTABLE IN KNOWING WHEN MY DOGS SWIM IN THE RIVER, THEY WILL NOT GET SICK. I DON'T!

I WISH I COULD SWIM AND PLAY AND FEEL SAFE AND NOT AT RISK OF GETTING SICK. I DON'T!

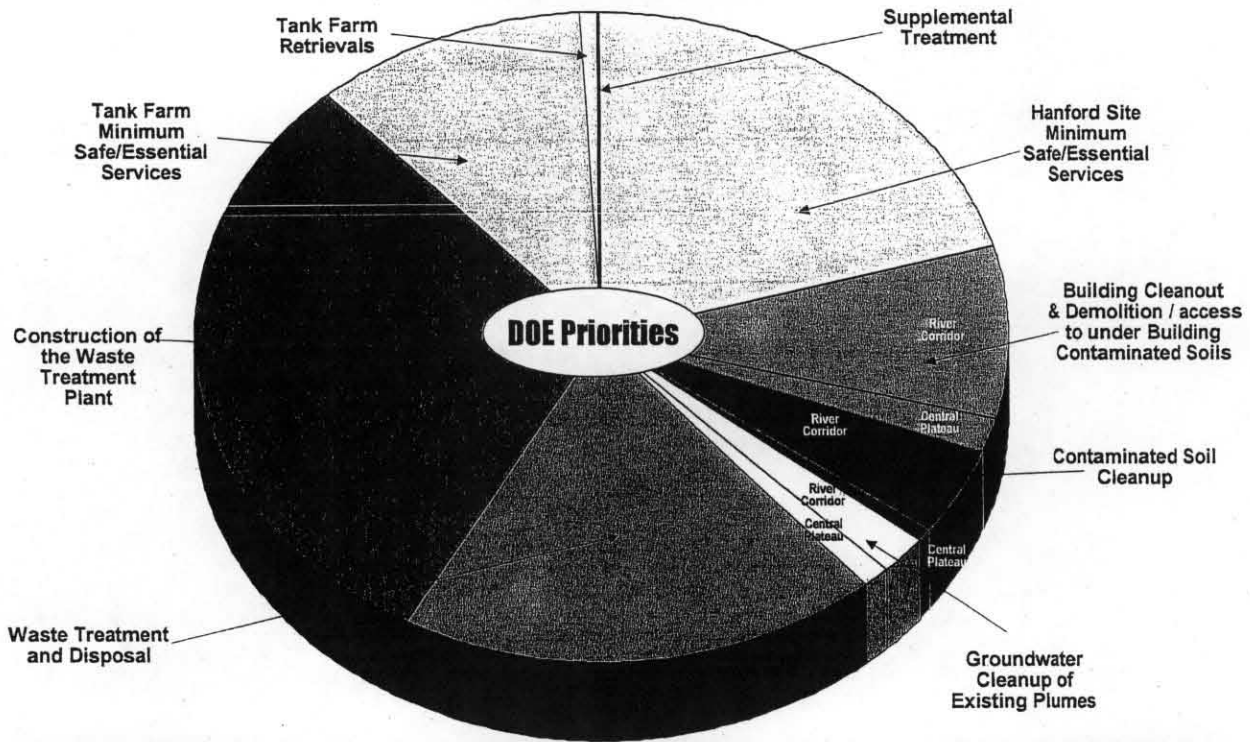
HOW BEST TO CLEAN UP THIS TOXIC WASTE SITE?... WHERE SHOULD THE INSUFFICIENT FUNDS FIRST BE SPENT? WHAT IS THE HIGHEST PRIORITY CLEAN UP CATEGORY? ASK THE SCIENTISTS WHO HAVE THE EXPERTISE (IN FRANCE?), "IF YOU LIVED ON THE RIVER'S EDGE, AND YOUR GRANDBABIES WADED IN THE RIVER, WHERE WOULD YOU BEGIN TO CLEAN UP THE TOXIC WASTE IN ORDER TO HAVE HEALTHY WATER FOR YOUR FAMILY?"

Comments will be posted on the Hanford website
www.hanford.gov

WHERE WOULD BEGIN TO COUNT THE GRAINS OF SAND?

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals		
Supplemental Treatment		
OTHER		

→
See over for views on problem with process and what could be done.

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Show contractor overheads and site services
2. _____
3. _____

★ = More Focus
● = Less Focus

* You must have an equal number of more or less dots

I am a member of:

<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input type="checkbox"/> Public	<input type="checkbox"/> Other

See over GP fup to summer present short fall

Additional Comments

Agencies ~~to~~ mailed to mail example of this one in advance with explanation. Needed prep & summary explained for the meetings in advance. Left with only gut feelings of attendees. [Note: HoA also

Why's example of why this lacked - If a landscape architect asked you if you want more rhizomes or more of something else in your soil?

didn't include this in its mailing, but we don't have it in advance

Needed simple explanation of tradeoffs between priorities and alternative proposals that are being made, rather than just the "official" DoB priorities as they exist. Give pros and cons for alternatives.

One problem, the material sent by USDOB for the TPA agencies was woefully uninformative. It gave no perspective and no indication of why it would be worth coming to give input on "priorities".

Even the agenda, as well as the material, continued to call this a "2009 Budget" meeting, instead of a meeting on setting long-term cleanup priorities. People strongly liked a round table dialogue - but note it's working with only 10 members of the board and 10 agency staffs here, rather than 200.

Comments will be posted on the Hanford website

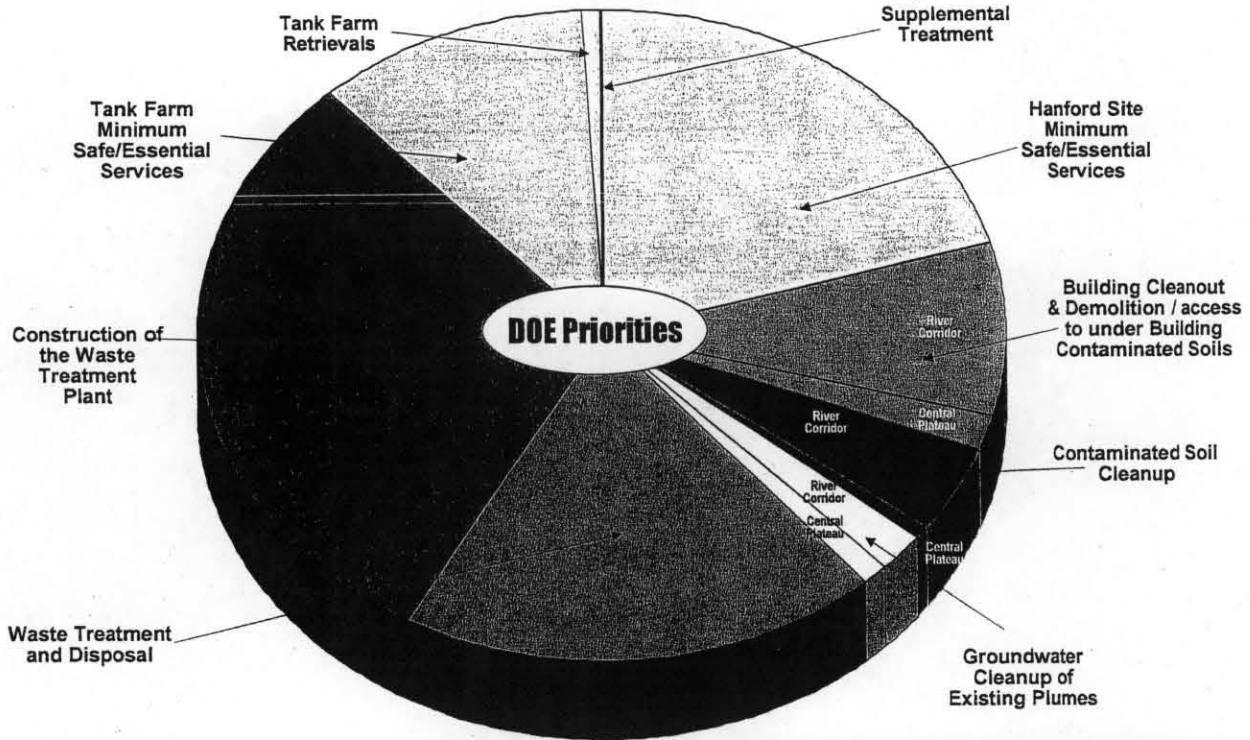
www.hanford.gov

Send to every Congressional office the RL slide showing "target" versus planned and required work; and, OR admission of only 1 retrieval per year. What would happen if WA & Congress forced OSDOB to end EM nationwide, at \$900 million more? Where would WA and OR spend \$300m more?

This info was NOT presented to Congress by USDOB or WA, and needs to be...

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Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals		
Supplemental Treatment		
OTHER <i>storing weapons grade plutonium</i>		<i>5 circles</i>

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. _____
2. _____
3. _____

(over)

★ = More Focus
● = Less Focus

* You must have an equal number of more or less dots

I am a member of:

- Hanford Stakeholder/Organization Government (city, state, or federal)
 Tribal Government Site Contractor
 Public Other

Additional Comments

Hanford DOE should do much more to publicize the issue of Hanford cleanup - like the campaign to publicize global warming. Doing this would get the public more aware of the issue, to get them to put pressure on Congress to increase funding

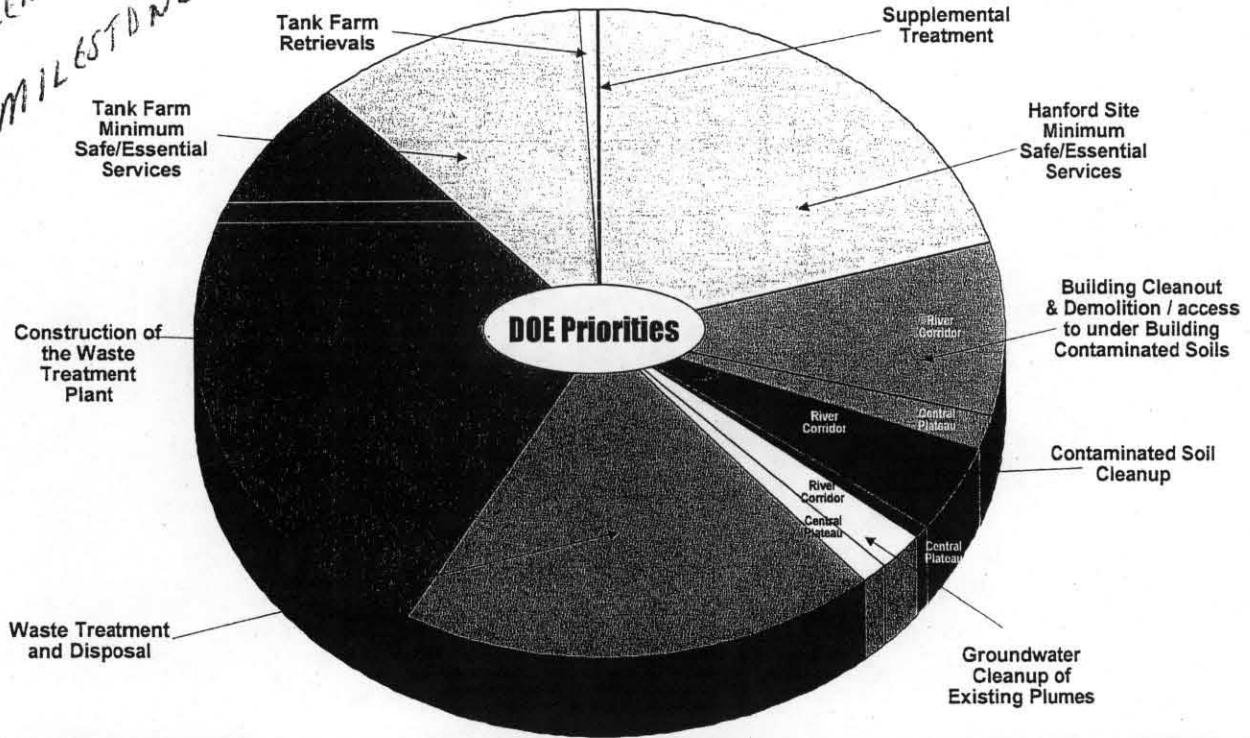
Please frame the pie-chart question in terms, examples & language people can understand & then re-ask the question.

i.e. If this happens (or doesn't happen)
These are the ramifications

MORE MONEY FOR CLEAN UP - MEET MILESTONES

Proposed Hanford 2009 Cleanup Priorities

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Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals		
Supplemental Treatment		
OTHER <i>MORE MONEY</i>		

THE ISSUE IS TOO COMPLICATED FOR TO EVALUATE

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. GROUNDWATER CLEANUP
2. TANK FARM RETRIEVALS
3. _____

★ = More Focus
● = Less Focus
* You must have an equal number of more or less dots

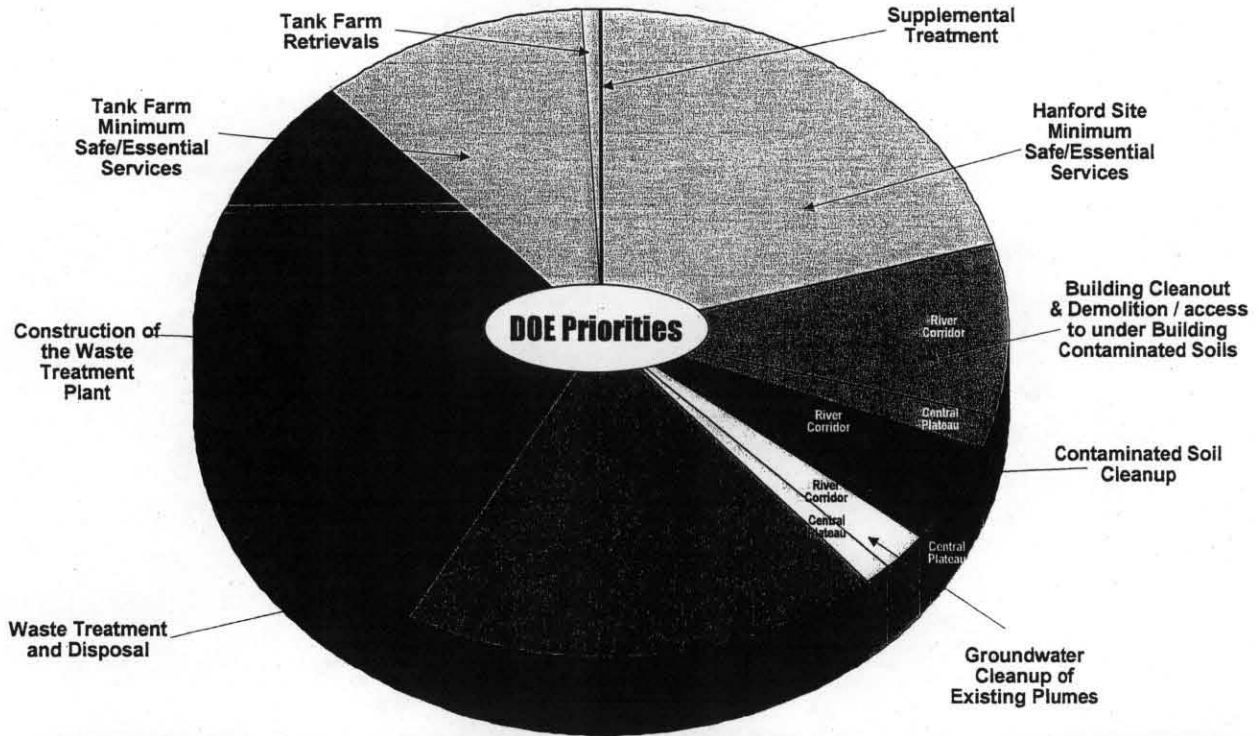
I am a member of:

<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input type="checkbox"/> Public	<input type="checkbox"/> Other

THE PIE IS NOT BIG ENOUGH

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under Building Contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under Building Contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor	●	
Contaminated Soil Cleanup - Central Plateau	●	
Groundwater Cleanup of Existing Plumes - River Corridor	●	
Groundwater Cleanup of Existing Plumes - Central Plateau		●●
Waste Treatment and Disposal		●●
Construction of the Waste Treatment Plant		●●
Tank Farm Retrievals		
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Unsure if I am informed enough to comment
2. _____
3. _____

● = More Focus
● = Less Focus

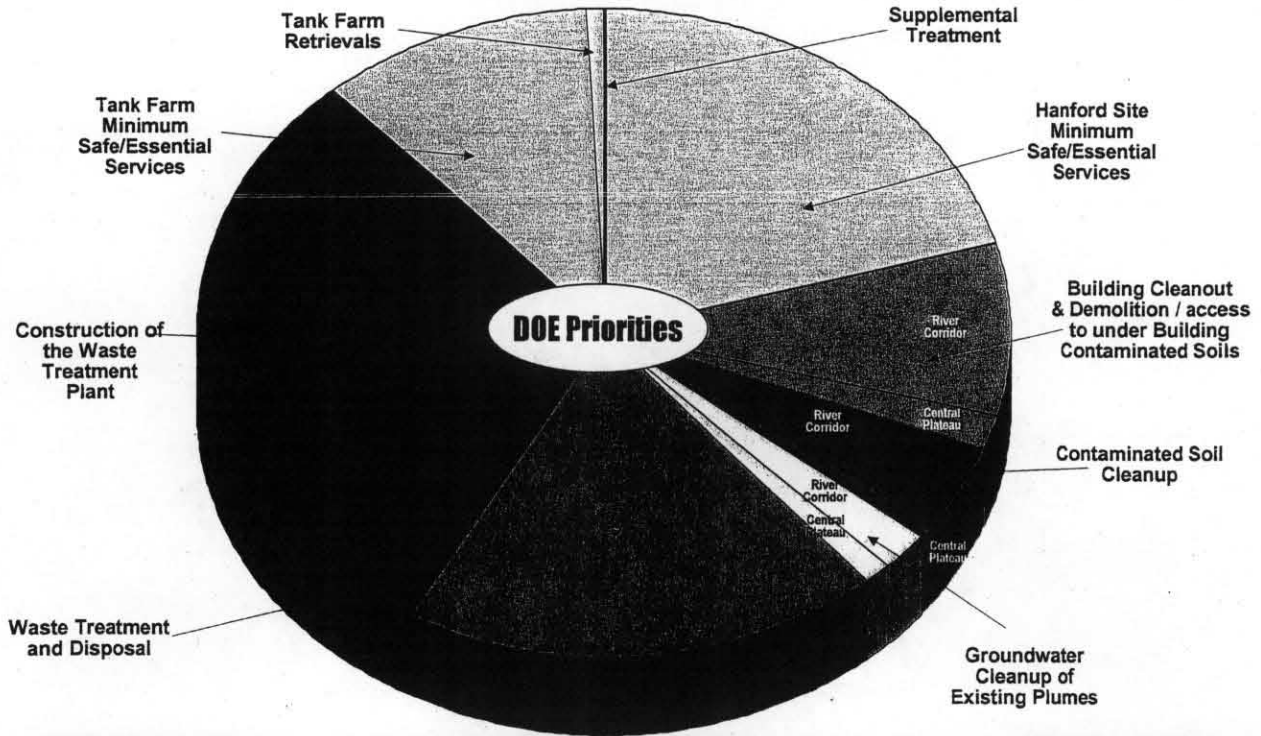
* You must have an equal number of more or less dots

I am a member of:

<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Other

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout / Demolition / access to under Building Contaminated Soils - Central Plateau		
Building Cleanout / Demolition / access to under Building Contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals		
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Clean up groundwater before it gets to the Columbia River
2. Get funds emptied so more leaks don't occur
3. (blank)

● = More Focus
○ = Less Focus

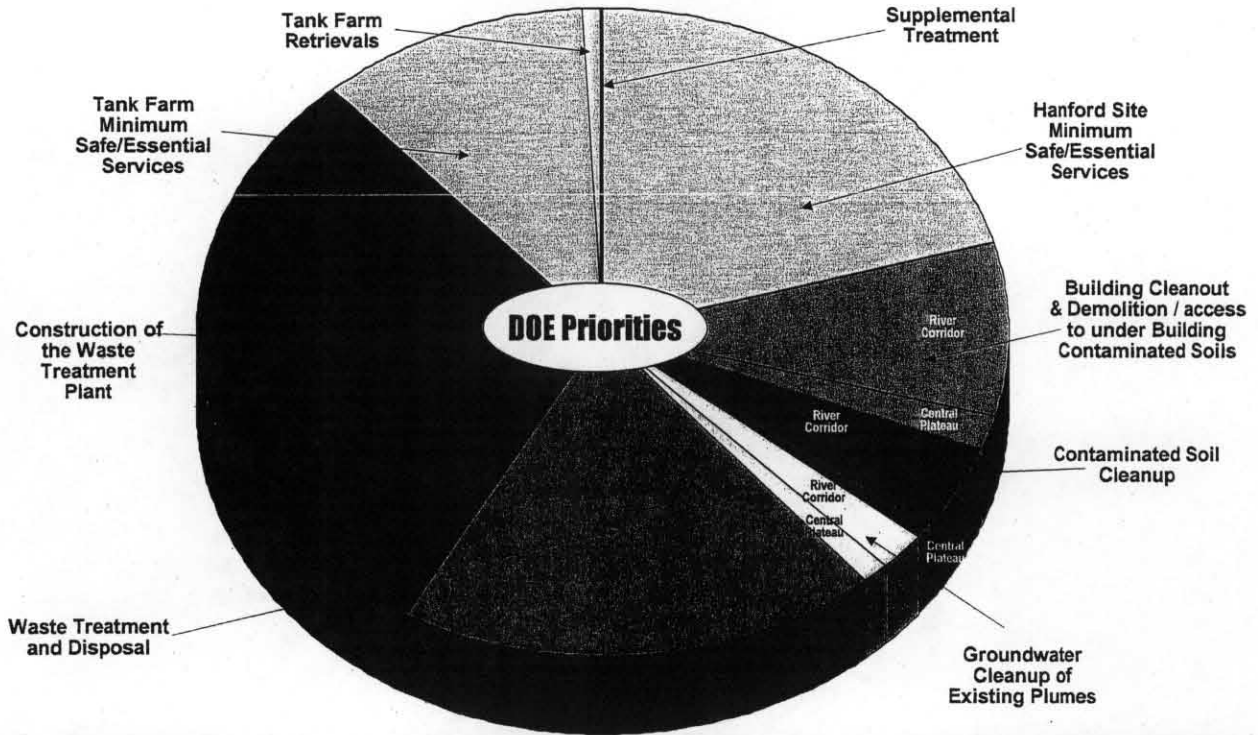
* You must have an equal number of more or less dots

I am a member of:

<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Other

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under Building Contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under Building Contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals		
Supplemental Treatment		
OTHER <i>GNEP</i>	<i>[Handwritten marks]</i>	<i>[Handwritten marks]</i>

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. *Build more tanks*
2. _____
3. _____

● = More Focus
○ = Less Focus

* You must have an equal number of more or less dots

I am a member of:

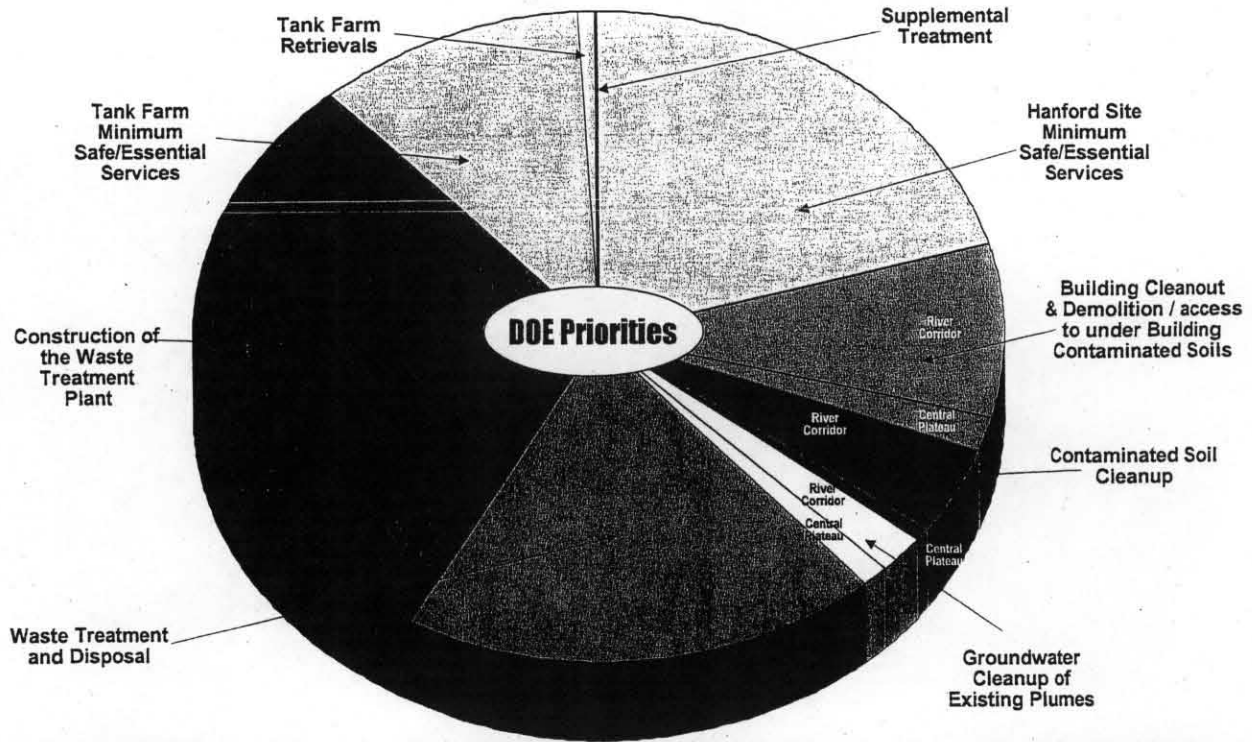
Hanford Stakeholder/Organization Government (city, state, or federal)

Tribal Government Site Contractor

Public Other

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout / Demolition / access to under building contaminated soils - Central Plateau		●
Building Cleanout / Demolition / access to under building contaminated soils - River Corridor		●
Contaminated Soil Cleanup - River Corridor		●
Contaminated Soil Cleanup - Central Plateau		●
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals		●
Supplemental Treatment		●
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Groundwater River Corridor
2. Groundwater - Central Plateau
3. Waste Treatment

● = More Focus
○ = Less Focus

* You must have an equal number of more or less dots

I am a member of:

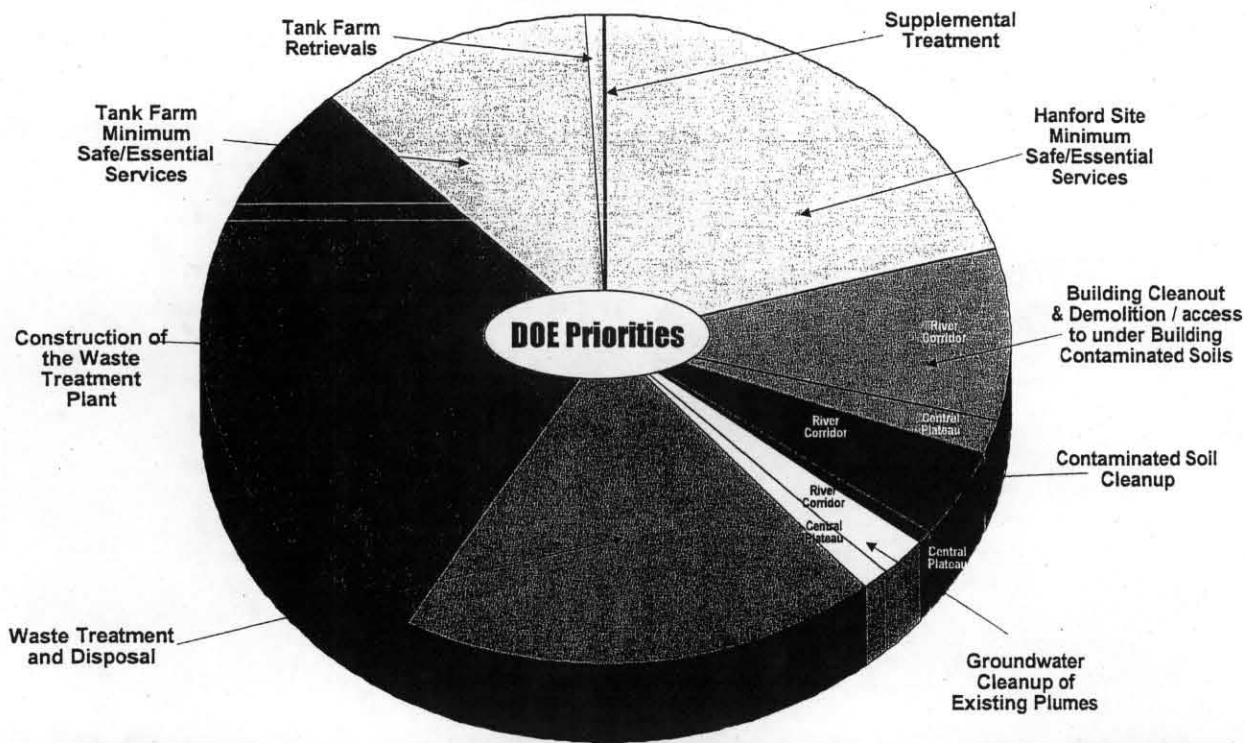
<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Other

Additional Comments

1. Contamination of drinking water is of primary concern it affects every downstream consumer.
2. REARRANGE FEDERAL PRIORITIES!!
(Stop our stupid occupation of Iraq and put our dollars to work to correct our previous errors, i.e. Hanford!)
3. Watch dog Bechtel, et al closely for honesty!
4. Don't import more waste + contaminants. This would be sheer stupidity.

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		● ●
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		● ●
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals		● ●
Supplemental Treatment		● ●
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Soil Cleanup
2. Ground Water Cleanup
3. _____

● = More Focus
○ = Less Focus

* You must have an equal number of more or less dots

I am a member of:

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<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Other

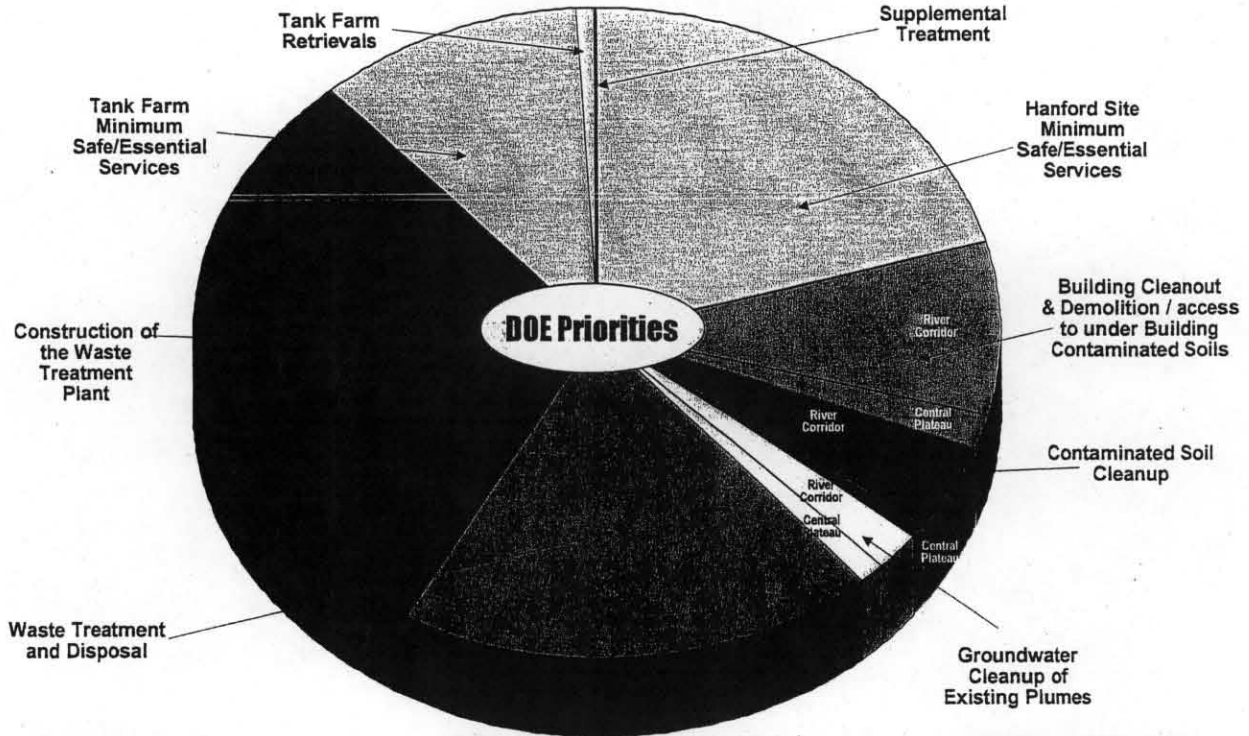
Additional Comments

No new additional waste should be disposed at Hanford before the site is in complete compliance with the existing standards.

Clean up of existing pollution should be of greatest priority.

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout / Demolition / access to under Building Contaminated Soils - Central Plateau		
Building Cleanout / Demolition / access to under Building Contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		●
Tank Farm Retrievals		
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Seek "Additional" \$\$\$
2. _____
3. _____

● = More Focus
○ = Less Focus

* You must have an equal number of more or less dots

I am a member of:

- Hanford Stakeholder/Organization Government (city, state, or federal)
 Tribal Government Site Contractor
 Public **LWV** Other

Additional Comments

Thanks to all of you for all you are doing to clean up our "world"

We need citizen involvement to end the war & to redirect the \$\$ to clean up.

To eliminate nuclear weaponry

To ask congress more \$\$ for cleaning

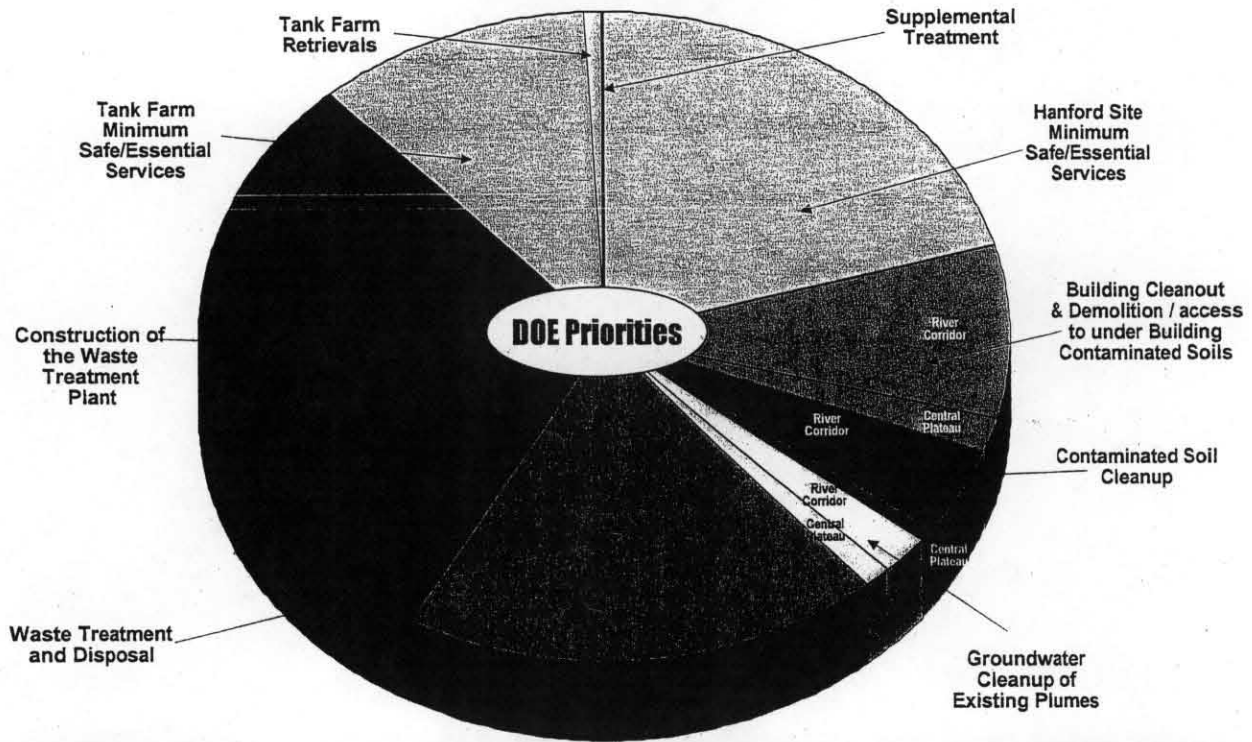
To require birth → death of nuclear industry.

I'm not good at dot games except I motivate thinking. None of this is easy - please keep doing all you can!

Suzi Hokanson
Suzi Hokanson

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout / Demolition / access to under Building Contaminated Soils - Central Plateau		●
Building Cleanout / Demolition / access to under Building Contaminated Soils - River Corridor		●
Contaminated Soil Cleanup - River Corridor		●
Contaminated Soil Cleanup - Central Plateau		●
Groundwater Cleanup of Existing Plumes - River Corridor		●
Groundwater Cleanup of Existing Plumes - Central Plateau		●
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals		
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Supplemental Treatment
2. Waste treatment & disposal
3. W.T. plant construction

● = More Focus
○ = Less Focus

* You must have an equal number of more or less dots

I am a member of:

<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input type="checkbox"/> Public	<input type="checkbox"/> Other

Additional Comments

* At some point we as a nation if not only a region must, determine the costs of cleaning up nuclear debris and that is essential in considering the overall real costs of employing nuclear reactors as an affordable alternative energy source.

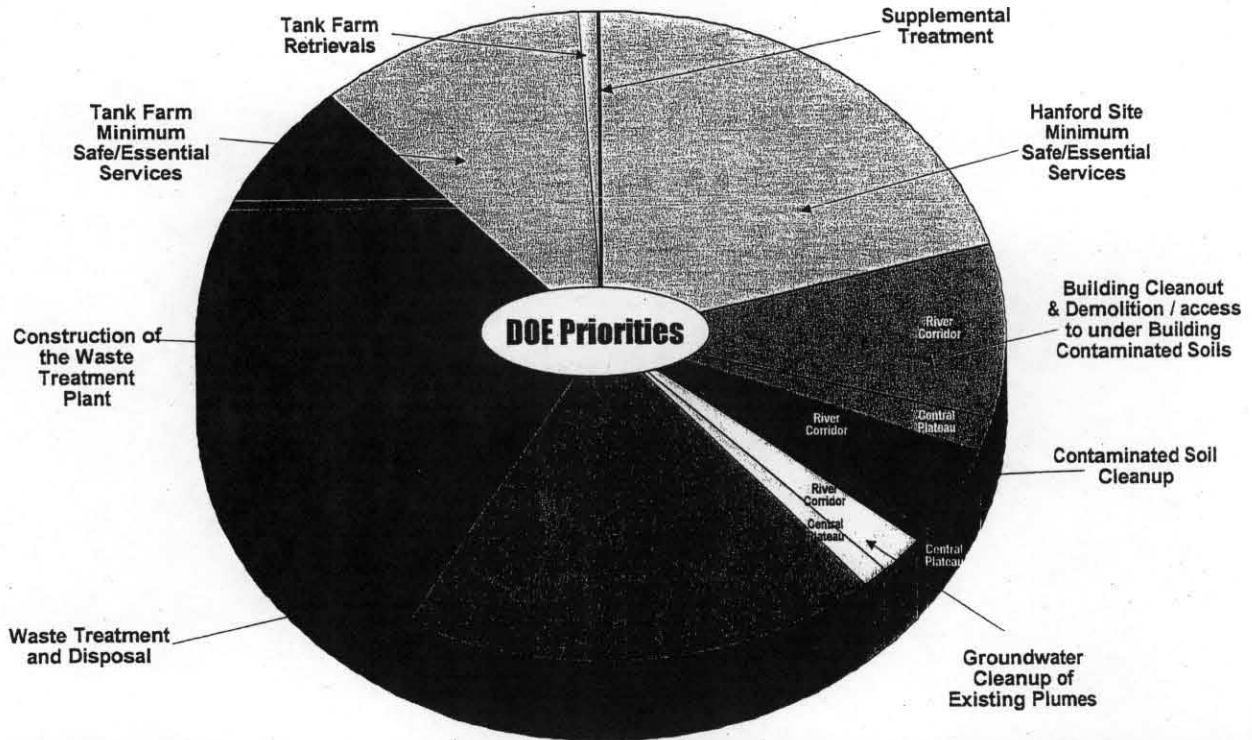
" "

* We must, have hard time lines for Hanford clean-up or require penalty that must be a "stop" of use, for this disposal sites

* I recommend cost incentive plus contracts to encourage faster fulfillment of the clean-up process at Hanford.

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under Building Contaminated Soils - Central Plateau		●
Building Cleanout & Demolition / access to under Building Contaminated Soils - River Corridor		●
Contaminated Soil Cleanup - River Corridor	●	
Contaminated Soil Cleanup - Central Plateau		●
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		● ●
Construction of the Waste Treatment Plant		● ●
Tank Farm Retrievals		●
Supplemental Treatment		●
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Ground Water Cleanup - RIVER
2. Soil Cleanup ~ RIVER
3. Ground Water - ELSE

● = More Focus
○ = Less Focus

* You must have an equal number of more or less dots

I am a member of:

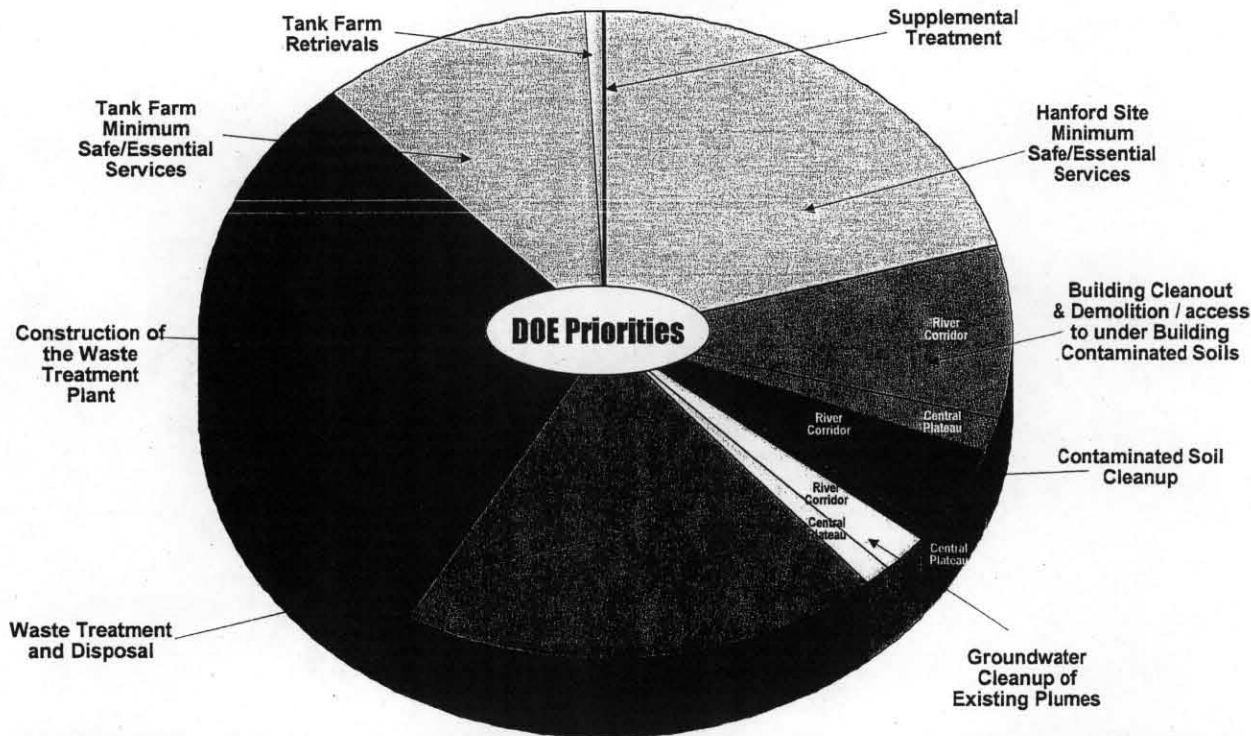
<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Other

Additional Comments

This is an important issue and is one the public does NOT seem to be very aware of. I feel there needs to be an aggressive public information campaign for the vitrification plan. Especially if the white house wants to expand their GNEP program, we will need public support. The best way to do that would be to push this forward and clean up all of the mobile waste and prove the facility would be able to vitrify all additional HLNW. I'm sure the president would approve of this plan if he could see it supporting his needs.

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals		
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Constructing waste treatment
2. Building Demolition cleanup "River"
3. Groundwater River

● = More Focus
○ = Less Focus

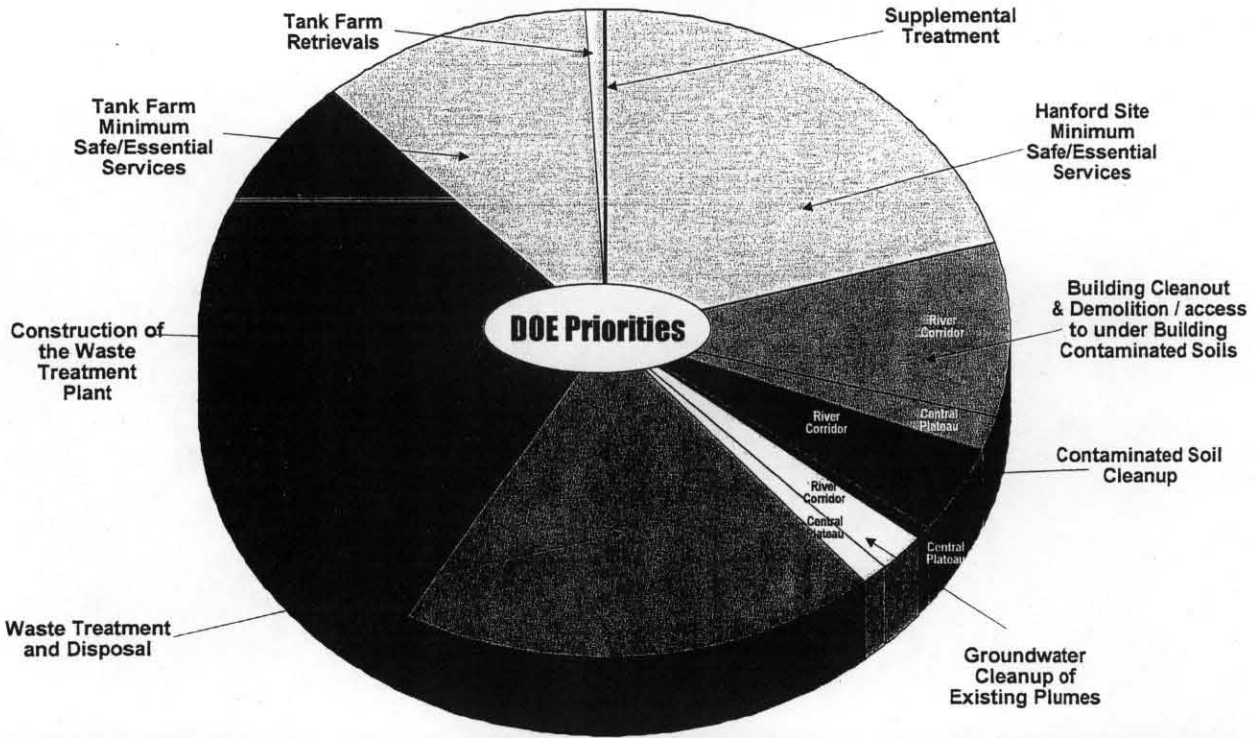
* You must have an equal number of more or less dots

I am a member of:

- Hanford Stakeholder/Organization Government (city, state, or federal)
 Tribal Government Site Contractor
 Public Other

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		●●●●●●●●
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals		
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Supplemental Treatment
2. Groundwater - Central Plateau
3. Groundwater - Corr

= More Focus
 = Less Focus

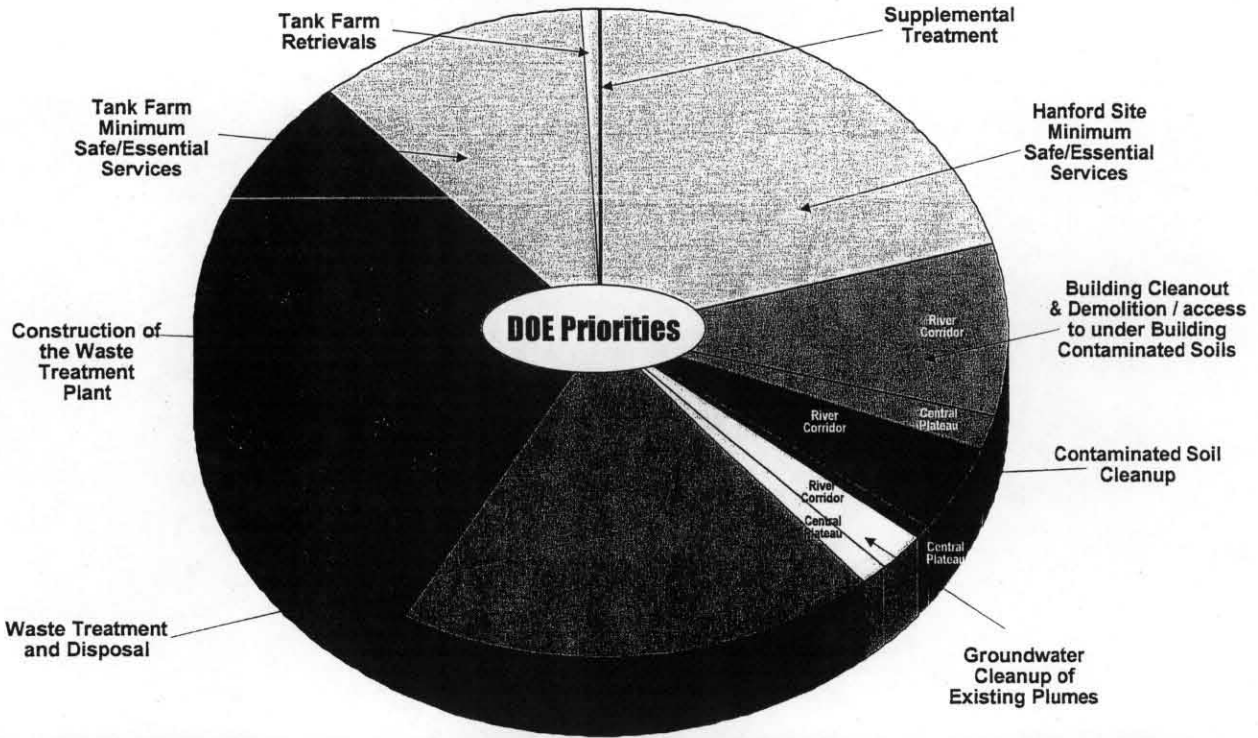
* You must have an equal number of more or less dots

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<input type="checkbox"/> Hanford Stakeholder/Organization	<input type="checkbox"/> Government (city, state, or federal)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Site Contractor
<input type="checkbox"/> Public	<input type="checkbox"/> Other

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated Soils - Central Plateau		●●●●●
Building Cleanout & Demolition / access to under building contaminated Soils - River Corridor		●●●●●
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals		
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. FTE Restart for medical Isotope completely WPPSS 2 nuc. plants
3. Take additional Waste for a Fee

● = More Focus
○ = Less Focus

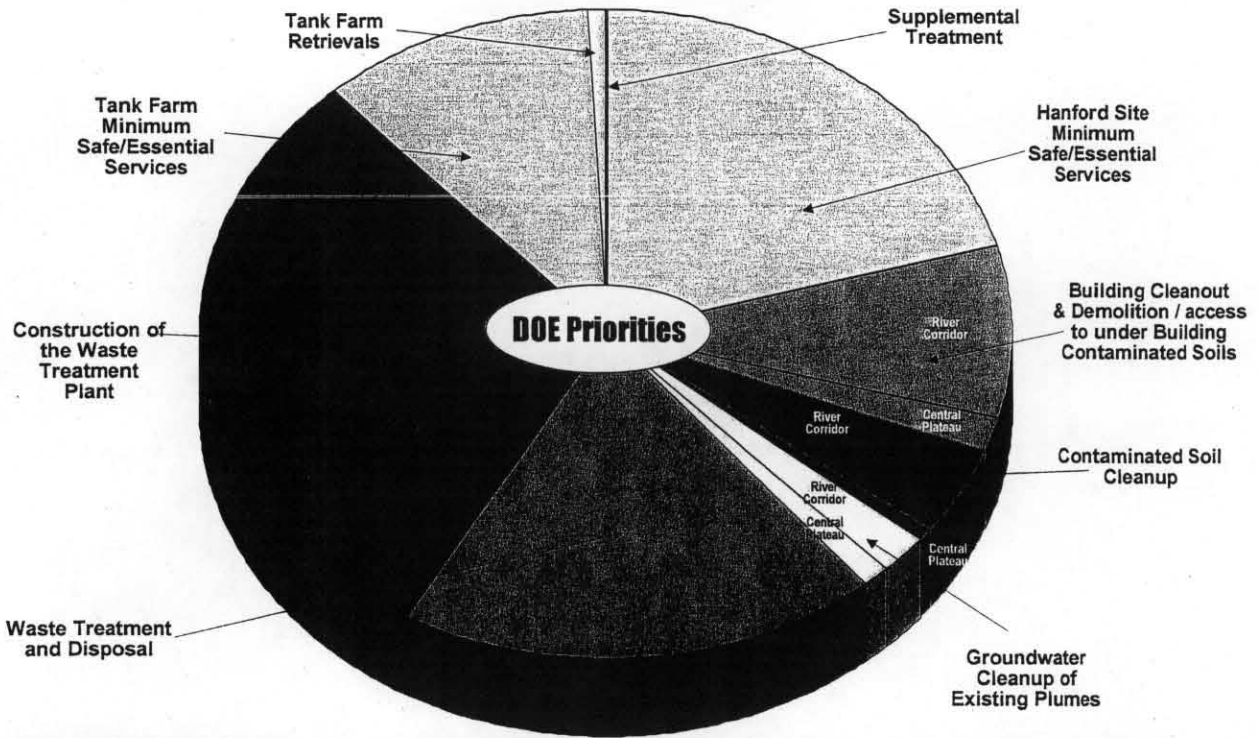
* You must have an equal number of more or less dots

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- Tribal Government
- Public
- Government (city, state, or federal)
- Site Contractor
- Other

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout / Demolition / access to under building contaminated Soils - Central Plateau		
Building Cleanout / Demolition / access to under building contaminated Soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals		
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. _____
2. _____
3. _____

● = More Focus
● = Less Focus

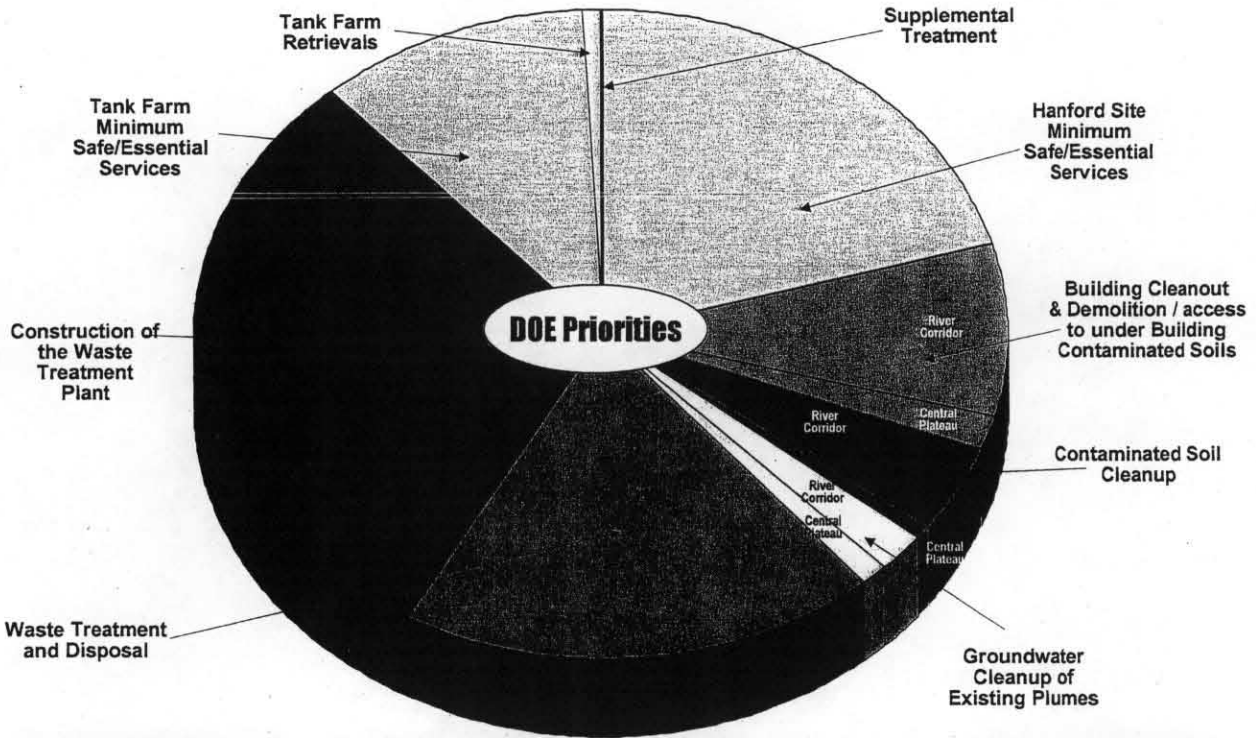
* You must have an equal number of more or less dots

I am a member of:

- | | |
|---|---|
| <input type="checkbox"/> Hanford Stakeholder/Organization | <input type="checkbox"/> Government (city, state, or federal) |
| <input type="checkbox"/> Tribal Government | <input type="checkbox"/> Site Contractor |
| <input type="checkbox"/> Public | <input type="checkbox"/> Other |

Proposed Hanford 2009 Cleanup Priorities

"\$2 Billion Annual Funding"



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under building contaminated soils - Central Plateau		
Building Cleanout & Demolition / access to under building contaminated soils - River Corridor		
Contaminated Soil Cleanup - River Corridor		
Contaminated Soil Cleanup - Central Plateau		
Groundwater Cleanup of Existing Plumes - River Corridor		
Groundwater Cleanup of Existing Plumes - Central Plateau		
Waste Treatment and Disposal		
Construction of the Waste Treatment Plant		
Tank Farm Retrievals		
Supplemental Treatment		
OTHER		

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. Restore \$5 billion which is short of funding requirements of WTP.
2. Restore \$900 million for cleanup.
3. Because of 8 yr delay I want total of \$2.5 billion for completion of High Level Waste.

● = More Focus
● = Less Focus

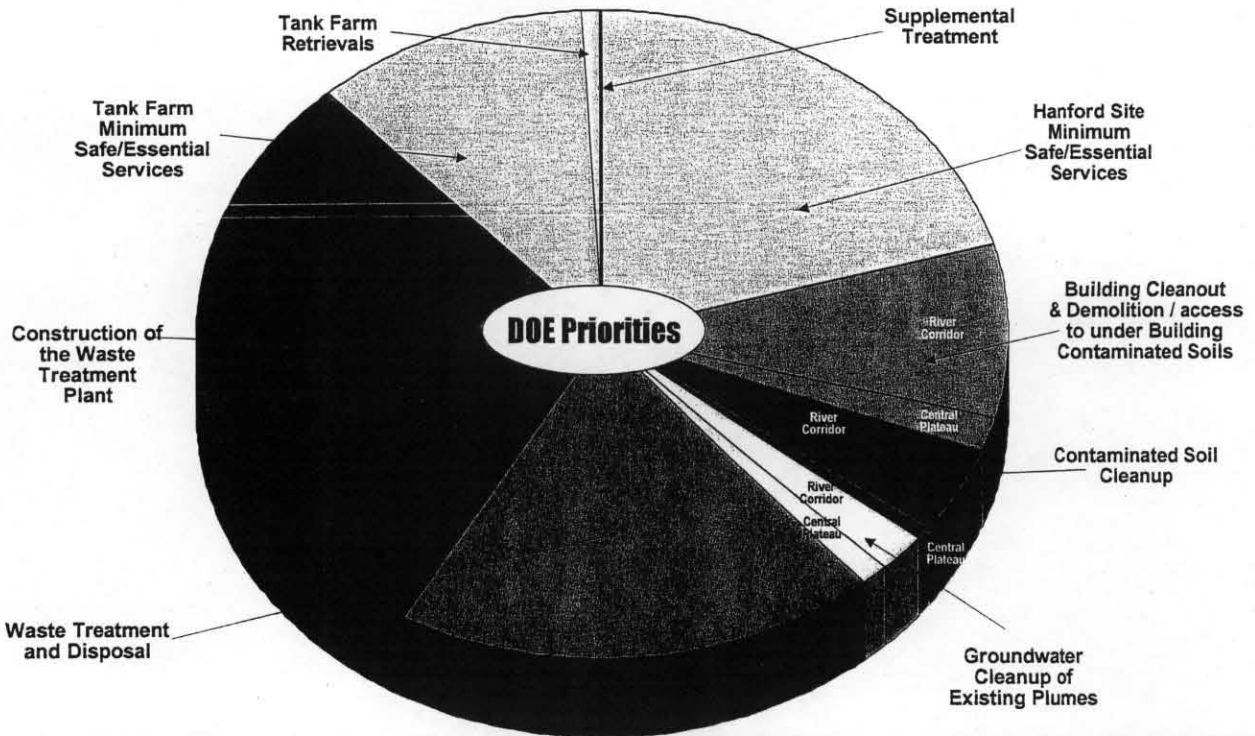
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 Other

Proposed Hanford 2009 Cleanup Priorities

“\$2 Billion Annual Funding”



Work Scope	More Focus	Less Focus
Building Cleanout & Demolition / access to under Building Contaminated Soils - Central Plateau	Blue = more	
Building Cleanout & Demolition / access to under Building Contaminated Soils - River Corridor	●	orange = less
Contaminated Soil Cleanup - River Corridor		●
Contaminated Soil Cleanup - Central Plateau		●
Groundwater Cleanup of Existing Plumes - River Corridor		●
Groundwater Cleanup of Existing Plumes - Central Plateau		●
Waste Treatment and Disposal		●
Construction of the Waste Treatment Plant		●
Tank Farm Retrievals		●
Supplemental Treatment		●
OTHER		

to state discussion of participation

If DOE were to receive more money, where should it be spent. Below write your three priorities in the order of importance (1, 2 and 3) based on the workscope list identified above:

1. LINK Nuclear production
2. to dealing w/ waste
3. no waste success no nuke plants

● = More Focus
○ = Less Focus

* You must have an equal number of more or less dots

I am a member of:

- Hanford Stakeholder/Organization
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