



DEPARTMENT OF
ECOLOGY
State of Washington

Response to Comments

**Class 3 Permit Modification Updates to
Permit for Waste Management at the
325 Hazardous Waste Treatment Units
(HWTUs)**

August 18 – October 17, 2014

Summary of a public comment period and responses to comments

February 2015
Publication no. 15-05-002

PUBLICATION AND CONTACT INFORMATION

This publication is available on the Department of Ecology's (Ecology) website at <https://fortress.wa.gov/ecy/publications/SummaryPages/1505002.html>

For more information contact:

Stacy Nichols, Environmental Specialist
Nuclear Waste Program
3100 Port of Benton Boulevard
Richland, WA 99354

Phone: 509-372-7950
Hanford Cleanup Line: 800-321-2008
Email: Hanford@ecy.wa.gov

Washington State Department of Ecology - www.ecy.wa.gov

- Headquarters, Lacey 360-407-6000
- Northwest Regional Office, Bellevue 425-649-7000
- Southwest Regional Office, Lacey 360-407-6300
- Central Regional Office, Yakima 509-575-2490
- Eastern Regional Office, Spokane 509-329-3400

Ecology publishes this document to meet the requirements of [Washington Administrative Code 173-303-840 \(9\)](#).

If you need this document in a format for the visually impaired, call the Nuclear Waste Program at 509-372-7950. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

Response to Comments

Class 3 Permit Modification to Permit for Waste Management at the 325 Hazardous Waste Treatment Units (HWTUs) August 18 – October 17, 2014

Department of Ecology
Nuclear Waste Program
3100 Port of Benton Boulevard
Richland, Washington 99354

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INTRODUCTION

The Washington State Department of Ecology's Nuclear Waste Program (NWP) manages dangerous waste within the state by writing permits to regulate its treatment, storage, and disposal. When a new permit or a significant modification to an existing permit is proposed, dangerous waste regulations require public comment periods to allow the public to review the changes and provide formal feedback. (See [Washington Administrative Code \[WAC\] 173-303-830](#) for types of permit changes.)

This Response to Comment document has been written to respond to the public comments that were submitted during the initial 60-day public comment period for this Class 3 permit modification.

This Response to Comments is prepared for:

<i>Comment period:</i>	Class 3 Permit Modification Updates to Permit for Waste Management at the 325 Hazardous Waste Treatment Units (325 HWTUs), August 18 – October 17, 2014
<i>Permit:</i>	<i>Hanford Facility Resource Conservation and Recovery Act (RCRA) Permit for the Treatment, Storage, and Disposal of Dangerous Waste, (WA 7980008967)</i>
<i>Permittees:</i>	United States Department of Energy-Richland Operations Office Pacific Northwest National Laboratory
<i>Original issuance date:</i>	February 28, 1998

To see more information related to the Hanford Site and nuclear waste in Washington, please visit our website: www.ecy.wa.gov/programs/nwp.

REASON FOR PROPOSING CHANGES TO THE PERMIT

The U.S. Department of Energy, Richland Operations Office (DOE-RL) proposed a Class 3 permit modification to add three new discrete areas of the Radiochemical Processing Laboratory where permitted storage and treatment of waste may occur.

The new areas with additional capacity are:

1. Cask-handling area
2. Truck lock
3. 3714 Pad (for storage)

The permittees are requesting the addition of the three areas to enable the treatment of waste. The currently permitted areas are not large enough to properly process the existing waste streams.

PUBLIC INVOLVEMENT ACTIONS

NWP and the permittees encouraged public comment on this Class 3 permit modification during the first public comment period, from August 18 through October 17, 2014.

Under WAC 173-303-830(4)(c), the permittee is responsible to hold a comment period and a public meeting for Class 3 permit changes. To meet the requirements, the permittee:

- Emailed advance notice of the comment period to the [Hanford-Info email list](#) (the email portion of the Hanford Facility mail list), which had 1,454 subscribers at the time.
- Featured the comment period on its website.
- Mailed a notice announcing the comment period to the 1,953 interested members of the public on the Hanford facility postal mail list.
- Announced the comment period on the online [Hanford Events calendar](#).
- Sent a notice announcing the start of the comment period to the Hanford-Info email list.
- Placed an advertisement in the *Tri-City Herald* on August 18, 2014.
- Held a public meeting on September 4, 2014, at the Pacific Northwest National Laboratory's Environmental Technology Building in Richland, Washington. No members of the public attended, and no comments resulted from the meeting.

NWP hosted the comment period announcements and review materials on our website and posted a notice about the comment period on the @ECYHanford Twitter account.

The following documents were available for public review at the Hanford information repositories located in Richland, Spokane, and Seattle, Washington, and Portland, Oregon:

- Comment period summary
- Transmittal letter
- Draft 325 HWTUs Permit Modification:
 - Addendum B – Waste Acceptance Plan
 - Addendum C – Process Information
 - Addendum E – Procedures to Prevent Hazards
 - Addendum F – Preparedness and Prevention
 - Addendum G – Personnel Training
 - Addendum H – Closure Plan
 - Addendum I – Inspection Requirements
 - Conditions
 - Temporary Authorization Request
 - Supplemental Information

The following public notices for this comment period are in Appendix A of this document:

1. Comment period advance notice email to Hanford-Info list.
2. The comment period summary (“Fact Sheet”).
3. Comment period start announcement sent to Hanford-Info email list.
4. Classified advertisement in the *Tri-City Herald*.
5. Tweets to Ecology’s Twitter account for the public meeting and for the comment period(s) underway.
6. Permit modification transmittal letter.

LIST OF COMMENTERS

Commenter Identification:

The table below lists the names of organizations and individuals who submitted a comment on the 325 HWTUs permit modification and where you can find Ecology's response to the comments.

Commenter	Organization	Page Number
Leah Boehm Brady	Citizen	4-5
Mike Conlan	Citizen	5

RESPONSE TO COMMENTS

Ecology accepted comments on the permit modification for the 325 HWTUs from August 18 through October 17, 2014. This section shows the comments we received during the public comment period and our responses, as required by RCW 34.05.325(6)(a)(iii).

Comments are grouped by individual and each comment is addressed separately. The NWP's responses directly follow each comment in italic font. A verbatim copy of the written comments is attached in [Appendix B](#).

Description of Comments:

For all Hanford-related comment periods, Ecology directs email comments to a single address, Hanford@ecy.wa.gov. During the 325 HWTUs comment period, another comment period for Hanford opened. It is not clear if the comments we received are directed toward the 325 HWTUs permit modification or to another public comment period. We chose to include all comments in this document, as well as in our response to the other comment period.

Comment # 1 from Leah Boehm Brady:

"I do not think any waste should be put in the storage areas until all cracks in the liner have been fully repaired. I think it is very unwise to do otherwise."

Ecology Response:

Thank you for your comment. We believe this comment refers to the liner at the Liquid Effluent Retention Facility, not the 325 HWTUs covered by this permit modification. However, Ecology agrees that the LERF basins should not receive more waste until the liner is repaired.

Comment #2 from Leah Boehm Brady:

"I also oppose making new storage areas and letting new waste come into Hanford."

Ecology Response:

Thank you for your comment. The proposed permit changes are not for new waste or new storage areas, but to use existing areas to better manage the waste already at Hanford. Ecology and DOE have agreed that DOE will not import waste to the Hanford Site (except for a few specified exceptions) until at least the Waste Treatment Plant is operational.

Comment #3 from Leah Boehm Brady:

“All polluted areas must be cleaned up prior to importing new waste.”

Ecology Response:

Thank you for your comment. The permit changes are not for new waste, but to better manage wastes already at Hanford. Ecology and DOE have agreed that DOE will not import offsite waste to the Hanford Site (except for a few specified exceptions) until at least the Waste Treatment Plant is operational.

The increased capacity for the 325 Hazardous Waste Treatment Units will allow the safe handling of a very dangerous paint can-sized container. The plan is to grout it in a very large box. The new permitted areas give workers space for grouting the boxes and handling them with a forklift, and a place to store the large and heavy waste boxes before they can be disposed of.

Comment #4 from Mike Conlan:

“Remove all nuclear waste from Hanford.”

Ecology Response:

Thank you for your comment. Ecology is working to ensure that long-term storage, treatment, and disposal of the waste is protective of human health and the environment.

Comment #5 from Mike Conlan:

“Replace all single-shell tanks w/quality multi skinned tanks.”

Ecology Response:

Thank you for your comment, but single-shell tanks are not in the scope of this comment period.

We agree the tanks pose a threat. We believe a better approach to addressing it is to remove the waste from the single-shell tanks and put it in the compliant double-shell tanks to prepare for eventual treatment in the Waste Treatment Plant now being built.

Comment #6 from Mike Conlan:

“Do not allow any more nuclear waste on to facility.”

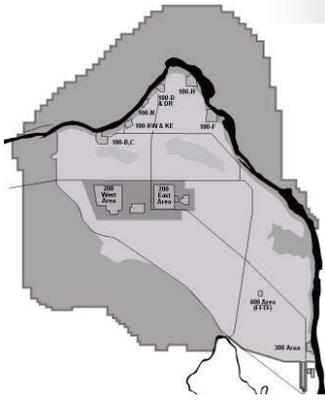
Ecology Response:

Thank you for your comment. The proposed permit changes are not to allow new waste, but to better manage the waste already at Hanford.

APPENDIX A: COPIES OF ALL PUBLIC NOTICES

Public notices for this comment period:

1. Comment period summary (Fact Sheet)
2. Classified advertisement in the *Tri-City Herald*
3. Notices sent to the Hanford-Info email list
4. Notice sent to Ecology's @ecyHanford Twitter account about open comment periods
5. Permit modification transmittal letter



Public Comment Period on Updates to Permit for Waste Management at the 325 Hazardous Waste Treatment Units (HWTUs)

September 2014

U.S. Department of Energy

The U.S. Department of Energy Richland Operations Office (DOE-RL) is holding a 60-day comment period on proposed Class 3 modifications to the Hanford Facility Dangerous Waste Permit. The proposed changes add waste treatment and storage capacity at the 325 Hazardous Waste Treatment Units (HWTUs).

BACKGROUND

The Department of Energy, Richland Operations Office (DOE-RL) and Pacific Northwest National Laboratory (PNNL) have filed a temporary authorization request with the Washington State Department of Ecology. DOE-RL and PNNL seek to treat and store a limited amount of waste in new units being added to the 325 Hazardous Waste Treatment Units (HWTUs) located in the 300 Area of the Hanford Site.

The proposed Class 3 modifications add three new discrete portions of the Radiochemical Processing Laboratory (RPL or 325 Building) as areas where permitted storage and treatment of waste may occur. The modification revises the unit-specific conditions and each Addendum (except for the contingency plan) for the 325 HWTUs. Along with the addition of the units, other conforming changes are also being made. A temporary authorization request was also submitted in order to treat and store wastes while the permit modification process proceeds.

Class 3 Permit Modifications: Updates to the Hanford Facility Dangerous Waste Permit, such as substantial alteration of the facility or its operation. All Class 3 modifications require approval from the Washington State Department of Ecology.



The modification includes:

Addition of Units:

The Permittees, DOE-RL and Pacific Northwest National Laboratory (PNNL), are adding three units to the permitted 325 HWTUs. These new units are needed to enable the treatment of waste by placing waste containers in large boxes and filling them with cement. This treatment is sometimes required by Hanford's waste acceptance criteria for burial and/or the Washington Dangerous Waste Regulations.

The units being added are:

Cask Handling Area:

A portion of Room 603 and 604A in RPL. This area has a heavier floor loading limit and a large capacity bridge

PUBLIC COMMENT

DOE-RL wants your feedback on these proposed modifications. The public comment period will run from **August 18 through October 17, 2014**. A public meeting will be held on September 4, 2014 at 6:30 p.m., at the PNNL Environmental Technology Building, 3200 Innovation Boulevard, Richland, WA 99354.

Public Comment Period on Updates to Permit for Waste Management at the 325 Hazardous Waste Treatment Units (HWTUs) continued



325 Building and vicinity

crane. This unit would be used to load heavy waste containers in larger containers or boxes and temporarily store these larger containers.

Truck Lock:

Room 610 in RPL, adjacent to Room 603. This area is built on grade with heavy concrete and has a large roll-up door and truck ramp. The Truck Lock would be used when heavy containers or boxes are being filled with grout and for storage of those containers. It can also be used to pre-stage shipments of waste containers to Hanford pending pickup.

3714 Pad:

This is the concrete foundation pad for the former 3714 Building northeast of RPL; 3714 was demolished in 2000. This pad and adjacent soil area will be used to stage waste boxes and containers for shipment. Staging/storage in this area allows the waste to be out of Laboratory operational areas

while awaiting shipment and also facilitates easy inspection.

Because placement of containerized waste in boxes increases the volume of the waste to the size of the box, the stated capacity of the 325 HWTUs is being significantly increased. This increase is intended to facilitate the operations in the units being added. The Permittees are not expanding the scope of 325 HWTUs operations, which is focused on waste management for PNNL research activities.

Highlights of Other Changes:

The 325 HWTUs permit addenda are being revised to add enforceable details in a few areas:

Security and Preparedness and Prevention Addenda:

References to outdated documents were replaced with current, unit-specific text.

Public Comment Period on Updates to Permit for Waste Management at the 325 Hazardous Waste Treatment Units (HWTUs) continued

Training Addendum:

Retraining frequencies are added for each class of coursework required. This was maintained in the training plan, but is now in the permit.

The DOE-RL contact for this permit change is Kristen Skopeck, (509) 376-5803. The Washington State Department of Ecology contact is Stacy Nichols, (800) 321-2008.

Closure Plan Addendum:

Clarifies that all 325 HWTUs container storage areas utilize a similar approach when closing, whether the rest of the 325 HWTUs is closing or not. This is called "partial closure". The hot cells and tank are now linked for closure due to engineering changes that make clean closure of either the hot cells or the tank dependent on the other.

The permittees' compliance history during the life of the permit being modified is available from the Ecology contact.

Copies of the proposed permit modification and supporting documentation are available at the Administrative Record, 2440 Stevens Drive, Richland.

How you can become involved

A 60-day public comment period on proposed Class 3 modifications to Part III of Hanford's Dangerous Waste Permit will run from **August 18 through October 17, 2014**. A public meeting will be held **September 4, 2014** from 6:30 p.m. at the PNNL Environmental Technology Building, 3200 Innovation Boulevard, Richland, WA 99354.

Comments should be submitted by October 17, 2014 to:



Stacy Nichols
Washington Department of Ecology
3100 Port of Benton Boulevard
Richland, WA 99354
Email: Hanford@ecy.wa.gov



The documents are available for review at the Public Information Repositories listed below.

<p>Portland State University Government Information Branford Price Millar Library 1875 SW Park Avenue Portland, OR 97207-1151 Attn: Claudia Weston (503) 725-4542 Map:http://www.pdx.edu/map.html</p>	<p>University of Washington Suzzallo Library Government Publications Dept. Box 352900 Seattle, WA 98195-2900 Attn: Hilary Reinert (206) 543-5597 Map: http://tinyurl.com/m8ebj</p>	<p>US. Department of Energy Public Reading Room Washington State University, Tri Cities Consolidated Information Ctr., Rm. 101-L 2770 University Drive Richland, WA 99352 Attn: Janice Parthree (509) 372-7443 Map:http://www.tricity.wsu.edu/campusmaps/campusmap.pdf</p>	<p>Gonzaga University Foley Center Library East 502 Boone Avenue Spokane, WA Attn: John Spencer (509) 313-6110 Map:http://tinyurl.com/2c6bpm</p>
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Administrative Record and Public Information Repository:
Address: 2440 Stevens Center Place, Room 1101, Richland, WA.
Phone: 509-376-2530 Web site address: www2.hanford.gov/arpir/

From: Ballinger, Kimberly S <kimberly.ballinger@RL.DOE.GOV>
Sent: Wednesday, July 16, 2014 1:25 PM
To: HANFORD-INFO@LISTSERV.WA.GOV
Subject: Notice

NOTICE

The Department of Energy, Richland Operations Office (DOE-RL) and Pacific Northwest National Laboratory (PNNL) have filed a temporary authorization request with the Washington State Department of Ecology. DOE-RL and PNNL seek to treat and store a limited amount of waste in new units being added to the 325 Hazardous Waste Treatment Units (HWTUs) located in the 300 Area of the Hanford Site.

DOE-RL and PNNL are also planning a public comment period to begin on August 18, 2014. This comment period will coincide with submittal of a Class 3 permit modification to formally add new units and treatment/storage capacity at the 325 HWTUs. A public meeting will also be held. Formal notice of the comment period and the date and location of the public meeting will be announced on or about August 18.

Kim Ballinger
U.S. Department of Energy
Communications Specialist
Phone: (509)376-6332
Cell: (509)438-0307



From: ^TPA <TPA@RL.GOV>
Sent: Monday, August 18, 2014 8:45 AM
To: HANFORD-INFO@LISTSERV.WA.GOV
Subject: Public Comment Period - Proposed modification to the Hanford 325 Hazardous Waste Treatment Units Dangerous Waste Permit

This is a message from the U.S. Department of Energy

Public Comment Requested on the 325 Hazardous Waste Treatment Units Operating Permit

Public comments are invited on a proposed modification to the Hanford 325 Hazardous Waste Treatment Units Dangerous Waste Permit. The modification request includes a request for temporary authorization to allow some activities while the modification is being reviewed. The permittees are the United States Department of Energy (DOE), P.O. Box 550, Richland, Washington 99352, and Pacific Northwest National Laboratory (PNNL), P.O. Box 999, Richland, Washington, 99352.

The comment period will run from Aug. 18 through Oct. 17, 2014. A Public Meeting will be held Sept. 4 at 6:30 p.m. at the PNNL Environmental Technology Building, 3200 Innovation Boulevard, Richland. During the comment period, the draft permit modification is available for public review at Washington Department of Ecology, 3100 Port of Benton Boulevard, or within seven days of the start of the comment period at the Administrative Record, 2440 Stevens Drive, Richland.

Background -- The proposed Class 3 modifications add three new discrete portions of the Radiochemical Processing Laboratory (RPL or 325 Building) as areas where permitted storage and treatment of waste may occur. The modification revises the unit-specific conditions and each Addendum (except for the contingency plan) for the 325 HWTUs. Along with the addition of the units, other conforming changes are also being made. A temporary authorization request was also submitted in order to treat and store wastes while the permit modification process proceeds. The modification includes: **Addition of Units:** The Permittees, DOE-RL and Pacific Northwest National Laboratory (PNNL), are adding three units to the permitted 325 HWTUs. These new units are needed to enable the treatment of waste by placing waste containers in large boxes and filling them with cement. This treatment is sometimes required by Hanford's waste acceptance criteria for burial and/or the Washington Dangerous Waste Regulations.

The units being added are:

Cask Handling Area: A portion of Room 603 and 604A in RPL. This area has a heavier floor loading limit and a large capacity bridge crane. This unit would be used to load heavy waste containers in larger containers or boxes and temporarily store these larger containers.

Truck Lock: Room 610 in RPL, adjacent to Room 603. This area is built on grade with heavy concrete and has a large roll-up door and truck ramp. The Truck Lock would be used when heavy containers or boxes are being filled with grout and for storage of those containers. It can also be used to pre-stage shipments of waste containers to Hanford pending pickup.

3714 Pad: This is the concrete foundation pad for the former 3714 Building northeast of RPL; 3714 was demolished in 2000. This pad and adjacent soil area will be used to stage waste boxes and containers for

shipment. Staging/storage in this area allows the waste to be out of Laboratory operational areas while awaiting shipment and also facilitates easy inspection.

Because placement of containerized waste in boxes increases the volume of the waste to the size of the box, the stated capacity of the 325 HWTUs is being significantly increased. This increase is intended to facilitate the operations in the units being added. The Permittees are not expanding the scope of 325 HWTUs operations, which is focused on waste management for PNNL research activities.

Highlights of Other Changes:

The 325 HWTUs permit addenda are being revised to add enforceable details in a few areas:

Security and Preparedness and Prevention Addenda: References to outdated documents were replaced with current, unit-specific text.

Training Addendum: Retraining frequencies are added for each class of coursework required. This was maintained in the training plan, but is now in the permit.

Closure Plan Addendum: Clarifies that all 325 HWTUs container storage areas utilize a similar approach when closing, whether the rest of the 325 HWTUs is closing or not. This is called “partial closure”. The hot cells and tank are now linked for closure due to engineering changes that make clean closure of either the hot cells or the tank dependent on the other.

The permittee’s compliance history during the life of the permit being modified is available from the Department of Ecology contact person. Comments should be sent to Ecology’s permit writer, Stacy Nichols, 3100 Port of Benton Boulevard, Richland, WA 99354 or at Hanford@ecy.wa.gov.

For more information, please contact Kris Skopec, DOE-RL, (509) 376-5803, or Stacy Nichols, Washington Department of Ecology, 800-321-2008.



Dieter Bohrmann

@ecyhanford

 Follow

Public feedback opportunities abound at [#Hanford](#). 5 comment periods underway now. 1 more starts Monday.
1.usa.gov/1nSG63x [#cleanup](#)



RETWEETS

2



1:35 PM - 11 Sep 2014

Don't miss any updates from **Dieter Bohrmann**

[Sign up for Twitter](#)



Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

14-ESQ-0096

JUL 09 2014

Ms. J. A. Hedges, Program Manager
Nuclear Waste Program
State of Washington
Department of Ecology
3100 Port of Benton Boulevard
Richland, Washington 99354

Dear Ms. Hedges:

CLASS 3 MODIFICATION AND TEMPORARY AUTHORIZATION REQUEST FOR THE 325 HAZARDOUS WASTE TREATMENT UNITS (HWTUs) PORTION OF THE HANFORD FACILITY RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) PERMIT

Attached to this letter is a Class 3 (major) permit modification package and a temporary authorization request for addition of three new units (the Cask Handling Area, the Truck Lock, and the 3714 Pad) to the 325 HWTUs Operating Unit Group (OUG) of the Hanford Facility RCRA Permit. This OUG is owned and operated by the U.S. Department of Energy Richland Operations Office (RL) and co-operated by Pacific Northwest National Laboratory (PNNL).

The permit modification is being requested in order to process waste that must be stabilized or otherwise managed in larger containers (e.g., boxes) prior to disposal. The temporary authorization is being requested chiefly to allow RL and PNNL to stabilize, and prepare for disposal, two containers of mixed waste containing barium in excess of land disposal restrictions (LDR) standards. Ecology has previously approved a site-specific LDR variance for this material, but the macroencapsulation container specified in the variance cannot be disposed at the Hanford burial grounds (also as specified in the variance) without placing the macroencapsulated container in a box and filling it with grout to meet anti-subsidence requirements. The LDR variance states that the waste will be treated at the 325 HWTUs prior to disposal. RL and PNNL wishes to process this waste during the current fiscal year rather than continue to store the waste.

The modification package contains the following information:

- Revisions to the unit-specific permit conditions for the 325 HWTUs (Hanford Facility RCRA Permit Part III, OUG 5)
- Revisions to Addenda A, B, C, E, F, G, H, and I of Part 3, OUG 5. (Revision of Addendum J is not needed.)

Ms. J. A. Hedges
14-ESQ-0096

-2-

JUL 09 2014

- Supplemental information not part of Part III, OUG 5 but required to be included in a major modification request by Washington Administrative Code (WAC) 173-303-830(4)(c)(i)(D). This includes certification statements from RL and PNNL.
- The temporary authorization request containing the information required by WAC 173-303-830(4)(e)(ii)(B).

A redline/strikeout version of the revisions to the unit-specific conditions and the Addenda being revised is available and will be transmitted to your staff electronically. The redline/strikeout also contains a description and rationale for each change.

If you have any questions, please contact me, or your staff may contact Jeffrey A. Frey, Acting Assistant Manager for Safety and Environment, on (509) 376-7727.

Sincerely,



Doug S. Shoop
Acting Manager

ESQ:ACM

Enclosures

cc w/encls:

Administrative Record, TSD: (325 Hazardous Waste Treatment Units, T-3-4) (Hard Copy)
Ecology NWP Library (Hardcopy)
Environmental Portal, LMSI, A3-95 (CD ROM)
HF Operating Record (J. K. Perry, MSA, H7-28) (CD ROM)

cc w/o encls:

C. M. Andersen, PNNL
G. Bohnee, NPT
F. W. Bond, Ecology
S. L. Dahl-Crumpler, Ecology
S. Harris, CTUIR
R. Jim, YN
T. M. McDermott, PNSO
A. L. Prignano, Ecology
H. T. Tilden, PNNL

Date 02/2015
Ecology Publication 15-05-002

Response to Comments
Waste Management at the 325 Hazardous
Waste Treatment Units (HWTUs)

APPENDIX B: COPIES OF ALL WRITTEN COMMENTS

From: leah boehm <leahboehm@hotmail.com>
Sent: Tuesday, August 26, 2014 7:27 AM
To: Hanford (ECY)
Subject: comments on Hanford

My comment is this, **I do not think ANY waste should be put in the storage areas UNTIL all cracks in the liner have been fully repaired.**

I think is very unwise to do otherwise.

I also oppose making NEW storage areas and letting NEW waste come into Hanford.

All polluted areas must be cleaned up prior to importing new waste.

Leah boehm brady

From: Mike <mikeconlan@hotmail.com>
Sent: Thursday, September 18, 2014 6:41 PM
To: Hanford (ECY)
Subject: Public Comment on Proposed Updates

Hanford DOE:

1. cleanup ALL nuclear waste at Hanford,
2. replace ALL single shell tanks.
3. do not allow any more nuclear waste to Hanford.

Mike Conlan Redmond WA