

Enclosure I

3/21/11

Waste Surveillance

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Appendix A - Waste Storage Area Weekly Inspection Sheet
(4 pages total)

Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
1. Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	✓		✓				✓		✓			
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	✓						✓		✓			
3. Area is generally dry and free of accumulated water.	✓		✓				✓		✓			
4. Accumulations of any transient combustible waste material outside SHALL be separated from waste containers or arrays by a distance of at least 10 m (33 ft). [TSR AC 5.7.1.c]	✓		✓				✓		✓			✓
5. General housekeeping is satisfactory.	✓		✓				✓		✓			✓
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	✓		✓				✓		✓			✓

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Inspection Item	Shipping/Receiving & NDE/INDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	✓				✓		✓		✓			
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR SAC 5.6.4.b] [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	
9. Waste containers are closed and there is no evidence of leakage.	✓		✓		✓		✓		✓		✓	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	✓		✓		✓		✓		✓		✓	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.												
12. Damaged or corroded (degraded) containers. (waste containers that are contaminated or cannot be handled, moved, or disposed of without the spread of contamination.) [TSR SAC 5.6.4.e] [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	

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Inspection Item	Shipping/ Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
13. Unvented containers discovered that require venting. (A technical evaluation determines venting is required. Examples include: Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW and TRU boxes that do not have an established vent path or contain a multi-piece gasket, been released for unrestrictive movement and processing, and subsequently been determined to be unvented.) [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	
14. Evidence of contamination	✓		✓		✓		✓		✓		✓	
15. Waste containers identified with an ACP sticker are being managed in accordance with instructions provided on the "Immediate Actions Taken" line of SWITS form SWIR361 attached to the drum. [TSR AC 5.7.8] [TSR AC 5.7.9-b&c]	✓		✓		✓		✓		✓		✓	

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Date of Inspection: 3-21-11		Time: 1235	
Inspector	Print: BRION COOSIL	Sign: <i>Brion Coosil</i>	Date: 3-21-11
Inspector	Print: <i>Derrick Harris</i>	Sign: <i>Derrick Harris</i>	Date: 3-21-11
Ops Mgmt.	Print: DAVID W MESSINGER	Sign: <i>David W Messinger</i>	Date: 3-21-11
General Comments:			
Inspection Finding		Corrective Action	
① No smoking sign missing from outside entrance to NDE/NDA		SENT EMAIL REQUESTING FABRICATOR OF ADDITIONAL SIGNS TO BE INSTALLED <i>DWM</i>	

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
(2 pages total)

Date of Inspection: <u>3/21/11</u>		
For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on page 2 of this appendix. Record unsatisfactory findings and corrective actions taken by DOS on page 2 of this appendix.		
Inspection Item	Process Area	
	Sat	Unsat
1. Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	✓	
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	✓	
3. Area is generally dry and free of accumulated water.	✓	
4. Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]	✓	
5. General housekeeping is satisfactory.	✓	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	✓	
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	✓	
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR AC 5.7.8 criteria 1, 9 & 10]	✓	
9. Waste containers are closed and there is no evidence of leakage.	✓	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	✓	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.	✓	

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
(2 pages total)

Date of Inspection: 3/21/11		Time:	
Inspector	Print: Kari Steffens	Sign: <i>Kari Steffens</i>	Date: 3/21/11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: <i>SP Carter</i>	Sign: <i>SP Carter</i>	Date: 3/21/11

General Comments:

NONE

Inspection Finding	Corrective Action
NONE	

4/05/11

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Appendix A - Waste Storage Area Weekly Inspection Sheet
 (4 pages total)

Date of Inspection: _____

For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
1. Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	X		✓				X		X			
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	X						X		X			
3. Area is generally dry and free of accumulated water.	X		✓				X		X			
4. Accumulations of any transient combustible waste material outside SHALL be separated from waste containers or arrays by a distance of at least 10 m (33 ft). [TSR AC 5.7.1.c]	X		✓				X		X		X	
5. General housekeeping is satisfactory.	X		✓				X		X		X	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	X		✓				X		X		X	

Appendix A - Waste Storage Area Weekly Inspection Sheet
(4 pages total)

Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	X				X		X		X			
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR SAC 5.6.4.b] [TSR AC 5.7.8]	X		✓		X		X		X			X
9. Waste containers are closed and there is no evidence of leakage.	X		✓		X		X		X			X
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	X		✓		X		X		X			X
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.												
12. Damaged or corroded (degraded) containers. (waste containers that are contaminated or cannot be handled, moved, or disposed of without the spread of contamination.) [TSR SAC 5.6.4.e] [TSR AC 5.7.8]	X		✓		X		X		X			X

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Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
13. Unvented containers discovered that require venting. (A technical evaluation determines venting is required. Examples include: Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW and TRU boxes that do not have an established vent path or contain a multi-piece gasket, been released for unrestrictive movement and processing, and subsequently been determined to be unvented.) [TSR AC 5.7.8]	X				X		X		X		X	
14. Evidence of contamination	X				X		X		X		X	
15. Waste containers identified with an ACMP sticker are being managed in accordance with instructions provided on the "Immediate Actions Taken" line of SWITS form SWJR361 attached to the drum. [TSR AC 5.7.8] [TSR AC 5.7.9-b&c]	X				X		X		X		X	

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
(2 pages total)

Date of Inspection: <u>4/5/11</u>		
For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on page 2 of this appendix. Record unsatisfactory findings and corrective actions taken by DOS on page 2 of this appendix.		
Inspection Item	Process Area	
	Sat	Unsat
1. Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	/	
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	/	
3. Area is generally dry and free of accumulated water.	/	
4. Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]	/	
5. General housekeeping is satisfactory.	/	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	/	
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	/	
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR AC 5.7.8 criteria 1, 9 & 10]	/	
9. Waste containers are closed and there is no evidence of leakage.	/	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	/	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.	/	

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(2 pages total)

Date of Inspection: 4/5/11		Time: 9:05 AM	
Inspector	Print: Robert Tachell	Sign: 	Date: 4/5/11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: STEVEN PLANTIER	Sign: 	Date: 4/5/11
General Comments:			
Inspection Finding		Corrective Action	

04/11/11

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Inspection Item	Shipping/Receiving & NDE/INDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
1. Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	✓		✓		✓		✓		✓			
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	✓				✓		✓		✓			
3. Area is generally dry and free of accumulated water.	✓		✓		✓		✓		✓			
4. Accumulations of any transient combustible waste material outside SHALL be separated from waste containers or arrays by a distance of at least 10 m (33 ft). [TSR AC 5.7.1.c]	✓		✓		✓		✓		✓		✓	
5. General housekeeping is satisfactory.	✓		✓		✓		✓		✓		✓	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	✓		✓		✓		✓		✓		✓	

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Date of Inspection: 04/11/11

For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	✓						✓					
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR SAC 5.6.4.b] [TSR AC 5.7.8]	✓		✓		✓		✓		✓			✓
9. Waste containers are closed and there is no evidence of leakage.	✓		✓		✓		✓		✓			✓
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	✓		✓		✓		✓		✓			✓
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.												
12. Damaged or corroded (degraded) containers. (waste containers that are contaminated or cannot be handled, moved, or disposed of without the spread of contamination.) [TSR SAC 5.6.4.e] [TSR AC 5.7.8]	✓		✓		✓		✓		✓			✓

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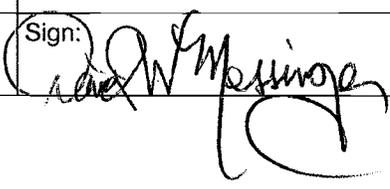
Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
13. Unvented containers discovered that require venting. (A technical evaluation determines venting is required. Examples include: Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW and TRU boxes that do not have an established vent path or contain a multi-piece gasket, been released for unrestrictive movement and processing, and subsequently been determined to be unvented.) [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	
14. Evidence of contamination	✓		✓		✓		✓		✓		✓	
15. Waste containers identified with an ACMP sticker are being managed in accordance with instructions provided on the "Immediate Actions Taken" line of SW/TS form SW/IR361 attached to the drum. [TSR AC 5.7.8] [TSR AC 5.7.9-b&c]	✓		✓		✓		✓		✓		✓	

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Date of Inspection: 04/11/11		Time: 1932	
Inspector	Print: Frank Fernandez	Sign: 	Date: 04/11/11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: David W. Messinger	Sign: 	Date: 4-13-11
General Comments:			
Inspection Finding		Corrective Action	

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet

(2 pages total)

Date of Inspection: <u>4/12/11</u>		
For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on page 2 of this appendix. Record unsatisfactory findings and corrective actions taken by DOS on page 2 of this appendix.		
Inspection Item	Process Area	
	Sat	Unsat
1. Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	✓	
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	✓	
3. Area is generally dry and free of accumulated water.	✓	
4. Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]	✓	
5. General housekeeping is satisfactory.	✓	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	✓	
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	✓	
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR AC 5.7.8 criteria 1, 9 & 10]	✓	
9. Waste containers are closed and there is no evidence of leakage.	✓	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	✓	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.	✓	

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
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Date of Inspection: 4/12/11		Time: 1300	
Inspector	Print: Tim Callaway	Sign: [Signature]	Date: 4/12/11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LN Sutton	Sign: [Signature]	Date: 4/12/11

General Comments:

Inspection Finding	Corrective Action

4719/11

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Appendix A - Waste Storage Area Weekly Inspection Sheet
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Date of Inspection: 7/19/11

For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
1. Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	/		/		/		/		/		/	
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	/				/		/		/		/	
3. Area is generally dry and free of accumulated water.	/		/		/		/		/		/	
4. Accumulations of any transient combustible waste material outside SHALL be separated from waste containers or arrays by a distance of at least 10 m (33 ft). [TSR AC 5.7.1.c]	/		/		/		/		/		/	
5. General housekeeping is satisfactory.	/		/		/		/		/		/	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	/		NP		/		/		/		/	

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Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	/				/		/		/			
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR SAC 5.6.4.b] [TSR AC 5.7.8]	/		NA		/		/		/			/
9. Waste containers are closed and there is no evidence of leakage.	/		NA		/		/		/			/
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	/		NA		/		/		/			/
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.												
12. Damaged or corroded (degraded) containers. (waste containers that are contaminated or cannot be handled, moved, or disposed of without the spread of contamination.) [TSR SAC 5.6.4.e] [TSR AC 5.7.8]	/		NA		/		/		/			/

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Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
13. Unvented containers discovered that require venting. (A technical evaluation determines venting is required. Examples include: Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW and TRU boxes that do not have an established vent path or contain a multi-piece gasket, been released for unrestricted movement and processing, and subsequently been determined to be unvented.) [TSR AC 5.7.8]	/			NP		/	/		/		/	
14. Evidence of contamination	/			NP		/	/		/		/	
15. Waste containers identified with an ACMP sticker are being managed in accordance with instructions provided on the "Immediate Actions Taken" line of SWITS form SWIR361 attached to the drum. [TSR AC 5.7.8] [TSR AC 5.7.9-b&c]	/					/	/		/		/	

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Appendix A - Waste Storage Area Weekly Inspection Sheet
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Date of Inspection:		Time:	
Inspector	Print: Chester Butler	Sign: <i>Chester Butler</i>	Date: 4-19-11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: David W. Messinger	Sign: <i>David W. Messinger</i>	Date: 4-19-11
General Comments:			
Inspection Finding		Corrective Action	

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
(2 pages total)

Date of Inspection: <u>4/20/11</u>		
For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on page 2 of this appendix. Record unsatisfactory findings and corrective actions taken by DOS on page 2 of this appendix.		
Inspection Item	Process Area	
	Sat	Unsat
1. Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	✓	
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	✓	
3. Area is generally dry and free of accumulated water.	✓	
4. Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]	✓	
5. General housekeeping is satisfactory.	✓	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	✓	
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	✓	
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR AC 5.7.8 criteria 1, 9 & 10]	✓	
9. Waste containers are closed and there is no evidence of leakage.	✓	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	✓	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.	✓	

Waste Surveillance

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
(2 pages total)

Date of Inspection: 4/20/11		Time:	
Inspector	Print: David Brown	Sign: 	Date: 4-20-11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LN Sutton	Sign: 	Date: 4/20/11

General Comments:

Inspection Finding	Corrective Action

4/26/11

WRP1-SV-1706
Waste Surveillance

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Appendix A - Waste Storage Area Weekly Inspection Sheet
 (4 pages total)

Date of Inspection: 4-26-11

For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

Inspection Item	Shipping/Receiving & NDE/DA		AS/RS		Material Preparation Area		2404-WB <small>SEE COMMENTS 2, 3 AS 5-2-11</small>		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
1. Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	✓		N/A		✓		N/A		✓			
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	✓				✓				✓			
3. Area is generally dry and free of accumulated water.	✓				✓				✓			
4. Accumulations of any transient combustible waste material outside SHALL be separated from waste containers or arrays by a distance of at least 10 m (33 ft). [TSR AC 5.7.1.c]	✓				✓				✓		✓	
5. General housekeeping is satisfactory.	✓				✓				✓		✓	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	✓				✓				✓		✓	

WRP1-SV-1706
Waste Surveillance

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Appendix A - Waste Storage Area Weekly Inspection Sheet
 (4 pages total)

Date of Inspection: 4-26-11

For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

Inspection Item	Shipping/Receiving & NDE/IDA		AS/RS		Material Preparation Area		2404-WB <small>SEE COMMENTS 2, 3 ASAC 5-2-11</small>		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	✓				✓			N/A	✓			
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR SAC 5.6.4.b] [TSR AC 5.7.8]	✓		N/A		✓				✓			✓
9. Waste containers are closed and there is no evidence of leakage.	✓				✓				✓			✓
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	✓				✓				✓			✓
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.					✓							
12. Damaged or corroded (degraded) containers. (waste containers that are contaminated or cannot be handled, moved, or disposed of without the spread of contamination.) [TSR SAC 5.6.4.e] [TSR AC 5.7.8]	✓				✓				✓			✓

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Effective Date: 03/30/11

Appendix A - Waste Storage Area Weekly Inspection Sheet
 (4 pages total)

Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB <small>SEE COMMENTS 2, 3 ASAP 5, 2, 11</small>		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
13. Unvented containers discovered that require venting. (A technical evaluation determines venting is required. Examples include: Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW and TRU boxes that do not have an established vent path or contain a multi-piece gasket, been released for unrestricted movement and processing, and subsequently been determined to be unvented.) [TSR AC 5.7.8]	✓		N/A		✓		N/A		✓			✓
14. Evidence of contamination	✓				✓				✓			✓
15. Waste containers identified with an ACMP sticker are being managed in accordance with instructions provided on the "Immediate Actions Taken" line of SW/TS form SW/IR361 attached to the drum. [TSR AC 5.7.8] [TSR AC 5.7.9-b&c]	✓				✓				✓			✓

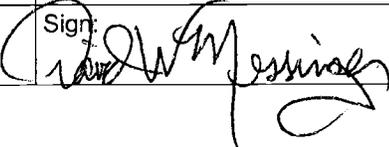
Waste Surveillance

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Appendix A - Waste Storage Area Weekly Inspection Sheet

(4 pages total)

Date of Inspection: 4/26/11		Time:	
Inspector	Print: Matt Corcoran	Sign: 	Date: 4-26-11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: David W. Messinger	Sign: 	Date: 4-27-11

General Comments:

- 1) ASRS IS EMPTY
- 2) 2404-WB IS ON RESTRICTED ACCESS DUE TO HIGH CONTAMINATION
- 3) ACCESS TO 2404-WB IS RESTRICTED DUE TO A SUSPECTED LEAKING WASTE DRUM (# 0062289) WITH VISIBLE CONTAMINATED LIQUID ON DRUM, PALLET AND FLOOR. THIS DRUM IS A DANGEROUS WASTE CONTAINER. A RECOVERY PLAN IS UNDER DEVELOPMENT AND IMPLEMENTATION, ASM 5/2/11

Inspection Finding	Corrective Action

Published Date: 03/30/11

Effective Date: 03/30/11

Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
 (2 pages total)

Date of Inspection: <u>4/26/11</u>		
For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on page 2 of this appendix. Record unsatisfactory findings and corrective actions taken by DOS on page 2 of this appendix.		
Inspection Item	Process Area	
	Sat	Unsat
1. Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	X	
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	X	
3. Area is generally dry and free of accumulated water.	X	
4. Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]	X	
5. General housekeeping is satisfactory.	X	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	X	
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	X	
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR AC 5.7.8 criteria 1, 9 & 10]	X	
9. Waste containers are closed and there is no evidence of leakage.	X	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	X	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.	✓	

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
(2 pages total)

Date of Inspection: 4/26/11		Time: 1320	
Inspector	Print: Robert Cox	Sign: <i>Robert Cox</i>	Date: 4/26/11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LN Setton	Sign: <i>LN Setton</i>	Date: 4/26/11

General Comments:

Inspection Finding	Corrective Action

2/01/11

Waste Surveillance

Published Date: 11/08/2010

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Appendix A - Waste Storage Area Weekly Inspection Sheet
(4 pages total)

Date of Inspection: 2-11

For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
1. Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	✓		X				✓		✓			
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	✓						✓		✓			
3. Area is generally dry and free of accumulated water.	✓		X				✓		✓			
4. Accumulations of any transient combustible waste material outside SHALL be separated from waste containers or arrays by a distance of at least 10 m (33 ft). [TSR AC 5.7.1.c]	✓		X				✓		✓			
5. General housekeeping is satisfactory.	✓		X				✓		✓			
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	✓		X				✓		✓			

Appendix A - Waste Storage Area Weekly Inspection Sheet
(4 pages total)

Date of Inspection: 2/11/11

For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

Inspection Item	Shipping/Receiving & NDE/NDIA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	✓						✓					
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR SAC 5.6.4.b] [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	
9. Waste containers are closed and there is no evidence of leakage.	✓		✓		✓		✓		✓		✓	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	✓		✓		✓		✓		✓		✓	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.												
12. Damaged or corroded (degraded) containers. (waste containers that are contaminated or cannot be handled, moved, or disposed of without the spread of contamination.) [TSR SAC 5.6.4.e] [TSR AC 5.7.8]	✓											✓

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Appendix A - Waste Storage Area Weekly Inspection Sheet
(4 pages total)

Inspection Item	Shipping/ Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
13. Unvented containers discovered that require venting. (A technical evaluation determines venting is required. Examples include: Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW and TRU boxes that do not have an established vent path or contain a multi-piece gasket, been released for unrestricted movement and processing, and subsequently been determined to be unvented.) [TSR AC 5.7.8]	✓			✓		✓		✓		✓		✓
14. Evidence of contamination	✓			✓		✓		✓		✓		✓
15. Waste containers identified with an ACP sticker are being managed in accordance with instructions provided on the "Immediate Actions Taken" line of SWITS form SWIR361 attached to the drum. [TSR AC 5.7.8] [TSR AC 5.7.9-b&c]	✓			✓		✓		✓		✓		✓

Date of Inspection: 2/20/11

For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

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Appendix A - Waste Storage Area Weekly Inspection Sheet

(4 pages total)

Date of Inspection: 2/1/11		Time:	
Inspector	Print: MATT BLEHM	Sign: Matt Blehm	Date: 2-1-11
Inspector	Print: LRLAMPMAN	Sign: LRLAMPMAN	Date: 2-2-11
Ops Mgmt.	Print: LN Sutton	Sign: LN Sutton	Date: 2/2/11

General Comments:

Inspection Finding	Corrective Action

Waste Surveillance

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet

(2 pages total)

Date of Inspection: <u>2/1/11</u>		
For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on page 2 of this appendix. Record unsatisfactory findings and corrective actions taken by DOS on page 2 of this appendix.		
Inspection Item	Process Area	
	Sat	Unsat
1. Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	X	
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	X	
3. Area is generally dry and free of accumulated water.	X	
4. Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]	X	
5. General housekeeping is satisfactory.	X	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	X	
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	X	
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR AC 5.7.8 criteria 1, 9 & 10]	X	
9. Waste containers are closed and there is no evidence of leakage.	X	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	X	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.	X	

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
(2 pages total)

Date of Inspection: 2-1-11		Time: 13:00	
Inspector	Print: Bryan Hayden	Sign: 	Date: 2-1-11 13:00
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LV Sutton	Sign: 	Date: 2/2/11

General Comments:

Inspection Finding	Corrective Action

2/28/11
07 ed 5/10/14

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Effective Date: 11/08/2010

Appendix A - Waste Storage Area Weekly Inspection Sheet
(4 pages total)

Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
1. Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	✓		✓		✓		✓		✓			
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	✓				✓		✓		✓			
3. Area is generally dry and free of accumulated water.	✓		✓		✓		✓		✓			
4. Accumulations of any transient combustible waste material outside SHALL be separated from waste containers or arrays by a distance of at least 10 m (33 ft). [TSR AC 5.7.1.c]	✓		✓		✓		✓		✓		✓	
5. General housekeeping is satisfactory.	✓		✓		✓		✓		✓		✓	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	✓		✓		✓		✓		✓		✓	

Date of Inspection: 2/27/11
For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

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Appendix A - Waste Storage Area Weekly Inspection Sheet
 (4 pages total)

Date of Inspection: 2/7/11

For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	✓						✓		✓			
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR SAC 5.6.4.b] [TSR AC 5.7.8]	✓		✓		✓		✓		✓			✓
9. Waste containers are closed and there is no evidence of leakage.	✓		✓		✓		✓		✓			✓
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	✓		✓		✓		✓		✓			✓
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.												
12. Damaged or corroded (degraded) containers. (waste containers that are contaminated or cannot be handled, moved, or disposed of without the spread of contamination.) [TSR SAC 5.6.4.e] [TSR AC 5.7.8]	✓		✓		✓		✓		✓			✓

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Appendix A - Waste Storage Area Weekly Inspection Sheet
 (4 pages total)

Inspection Item	Shipping/ Receiving & NDE/INDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
13. Unvented containers discovered that require venting. (A technical evaluation determines venting is required. Examples include: Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW and TRU boxes that do not have an established vent path or contain a multi-piece gasket, been released for unrestricted movement and processing, and subsequently been determined to be unvented.) [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	
14. Evidence of contamination	✓		✓		✓		✓		✓		✓	
15. Waste containers identified with an ACP sticker are being managed in accordance with instructions provided on the "Immediate Actions Taken" line of SWITS form SWIR361 attached to the drum. [TSR AC 5.7.8] [TSR AC 5.7.9-b&c]	✓		✓		✓		✓		✓		✓	

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Effective Date: 11/08/2010

Appendix A - Waste Storage Area Weekly Inspection Sheet
(4 pages total)

Date of Inspection:		Time:	
Inspector	Print: Chester Butler	Sign: <i>Chester Butler</i>	Date: 2-7-11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: DAVID W MESSINGER	Sign: <i>David W Messinger</i>	Date: 2-8-11
General Comments:			
Inspection Finding		Corrective Action	

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
(2 pages total)

Date of Inspection: <u>2/8/2011</u>		
For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on page 2 of this appendix. Record unsatisfactory findings and corrective actions taken by DOS on page 2 of this appendix.		
Inspection Item	Process Area	
	Sat	Unsat
1. Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	✓	
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	✓	
3. Area is generally dry and free of accumulated water.	✓	
4. Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]	✓	
5. General housekeeping is satisfactory.	✓	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	✓	
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	✓	
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR AC 5.7.8 criteria 1, 9 & 10]	✓	
9. Waste containers are closed and there is no evidence of leakage.	✓	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	✓	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.	✓	

2-14-11

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Appendix A - Waste Storage Area Weekly Inspection Sheet
 (4 pages total)

Date of Inspection: 2-14-11

For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
1. Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	✓		✓		✓		✓		✓			
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	✓				✓		✓		✓			
3. Area is generally dry and free of accumulated water.	✓		✓		✓		✓		✓			
4. Accumulations of any transient combustible waste material outside SHALL be separated from waste containers or arrays by a distance of at least 10 m (33 ft). [TSR AC 5.7.1.c]	✓		✓		✓		✓		✓		✓	
5. General housekeeping is satisfactory.	✓		✓		✓		✓		✓		✓	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	✓		✓		✓		✓		✓		✓	

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Appendix A - Waste Storage Area Weekly Inspection Sheet
 (4 pages total)

Inspection Item	Shipping/Receiving & NDE/DA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	✓						✓		✓			
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR SAC 5.6.4.b] [TSR AC 5.7.8]	✓		✓				✓		✓			✓
9. Waste containers are closed and there is no evidence of leakage.	✓		✓				✓		✓			✓
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	✓		✓				✓		✓			✓
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.												
12. Damaged or corroded (degraded) containers. (waste containers that are contaminated or cannot be handled, moved, or disposed of without the spread of contamination.) [TSR SAC 5.6.4.e] [TSR AC 5.7.8]	✓		✓				✓		✓			✓

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Effective Date: 11/08/2010

Appendix A - Waste Storage Area Weekly Inspection Sheet
 (4 pages total)

Inspection Item	Shipping/ Receiving & NDE/IDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
13. Unvented containers discovered that require venting. (A technical evaluation determines venting is required. Examples include: Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW and TRU boxes that do not have an established vent path or contain a multi-piece gasket, been released for unrestrictive movement and processing, and subsequently been determined to be unvented.) [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	
14. Evidence of contamination	✓		✓		✓		✓		✓		✓	
15. Waste containers identified with an ACP sticker are being managed in accordance with instructions provided on the "Immediate Actions Taken" line of SWITS form SWIR361 attached to the drum. [TSR AC 5.7.8] [TSR AC 5.7.9-b&c]	✓		✓		✓		✓		✓		✓	

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Appendix A - Waste Storage Area Weekly Inspection Sheet
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Date of Inspection: 2.14.11		Time: 2130	
Inspector	Print: Tim Broshears	Sign: [Signature]	Date: 2.14.11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: David W. Messinger	Sign: [Signature]	Date: 2-15-11
General Comments:			
Inspection Finding		Corrective Action	

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet

(2 pages total)

Date of Inspection: <u>2/16/11</u>		
For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on page 2 of this appendix. Record unsatisfactory findings and corrective actions taken by DOS on page 2 of this appendix.		
Inspection Item	Process Area	
	Sat	Unsat
1. Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	/	
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	/	
3. Area is generally dry and free of accumulated water.	/	
4. Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]	/	
5. General housekeeping is satisfactory.	/	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	/	
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	/	
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR AC 5.7.8 criteria 1, 9 & 10]	/	
9. Waste containers are closed and there is no evidence of leakage.	/	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	/	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.	/	

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
(2 pages total)

Date of Inspection: 2/16/11		Time: 0936	
Inspector	Print: Tim Callaway	Sign: [Signature]	Date: 2/16/11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LN Sutton	Sign: [Signature]	Date: 2/16/11

General Comments:

Inspection Finding	Corrective Action

2-23/11

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Appendix A - Waste Storage Area Weekly Inspection Sheet
(4 pages total)

Inspection Item	Shipping/Receiving & NDE/INDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
1. Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	X	X	X	X	X	X	X	X	X	X	X	X
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	X	X	X	X	X	X	X	X	X	X	X	X
3. Area is generally dry and free of accumulated water.	X	X	X	X	X	X	X	X	X	X	X	X
4. Accumulations of any transient combustible waste material outside SHALL be separated from waste containers or arrays by a distance of at least 10 m (33 ft). [TSR AC 5.7.1.c]	X	X	X	X	X	X	X	X	X	X	X	X
5. General housekeeping is satisfactory.	X	X	X	X	X	X	X	X	X	X	X	X
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	X	X	X	X	X	X	X	X	X	X	X	X

Date of Inspection: 2-23-11

For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

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Appendix A - Waste Storage Area Weekly Inspection Sheet
(4 pages total)

Inspection Item	Shipping/ Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	X	X			X		X	X	X			
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR SAC 5.6.4.b] [TSR AC 5.7.8]	X	X		X	X		X	X	X		X	
9. Waste containers are closed and there is no evidence of leakage.	X	X		X	X		X	X	X		X	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	X	X		X	X		X	X	X		X	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.	X	X		X	X		X	X	X		X	
12. Damaged or corroded (degraded) containers. (waste containers that are contaminated or cannot be handled, moved, or disposed of without the spread of contamination.) [TSR SAC 5.6.4.e] [TSR AC 5.7.8]	X	X		X	X		X	X	X		X	

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Appendix A - Waste Storage Area Weekly Inspection Sheet
 (4 pages total)

Inspection Item	Shipping/ Receiving & NDE/NDI		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
13. Unvented containers discovered that require venting. (A technical evaluation determines venting is required. Examples include: Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW and TRU boxes that do not have an established vent path or contain a multi-piece gasket, been released for unrestricted movement and processing, and subsequently been determined to be unvented.) [TSR AC 5.7.8]	X		X		X		X		X		X	
14. Evidence of contamination	X		X		X		X		X		X	
15. Waste containers identified with an ACMP sticker are being managed in accordance with instructions provided on the "Immediate Actions Taken" line of SWITS form SWIR361 attached to the drum. [TSR AC 5.7.8] [TSR AC 5.7.9-b&c]	X		X		X		X		X		X	

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Date of Inspection:		Time:	
Inspector	Print: CHESTER BUTLER	Sign: <i>Chester Butler</i>	Date: 2-23-11
Inspector	Print: L R LAMPMAN	Sign: <i>L R Lampman</i>	Date: 2-25-11
Ops Mgmt.	Print: L N Sutton	Sign: <i>LN Sutton</i>	Date: 2/24/11
General Comments:			
Inspection Finding		Corrective Action	

**PART B NOT DONE DUE TO BERYLLIUM PROBLEM IN
PROCESS AREA.**

3/02/11

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Rev. 5, Chg. 4

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Appendix A - Waste Storage Area Weekly Inspection Sheet
 (4 pages total)

Date of Inspection: 03/02/11

For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

Inspection Item	Shipping/Receiving & NDE/ND A		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
1. Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	✓		✓		✓		✓		✓			
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	✓				✓		✓		✓			
3. Area is generally dry and free of accumulated water.	✓		✓		✓		✓		✓			
4. Accumulations of any transient combustible waste material outside SHALL be separated from waste containers or arrays by a distance of at least 10 m (33 ft). [TSR AC 5.7.1.c]	✓		✓		✓		✓		✓		✓	
5. General housekeeping is satisfactory.	✓		✓		✓		✓		✓		✓	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	✓		✓		✓		✓		✓		✓	

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Appendix A - Waste Storage Area Weekly Inspection Sheet
(4 pages total)

Inspection Item	Shipping/ Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	✓				✓		✓		✓			
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR SAC 5.6.4.b] [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	
9. Waste containers are closed and there is no evidence of leakage.	✓		✓		✓		✓		✓		✓	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	✓		✓		✓		✓		✓		✓	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.												
12. Damaged or corroded (degraded) containers. (waste containers that are contaminated or cannot be handled, moved, or disposed of without the spread of contamination.) [TSR SAC 5.6.4.e] [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	

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(4 pages total)

Date of Inspection: 03-02-11

For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

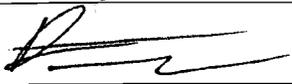
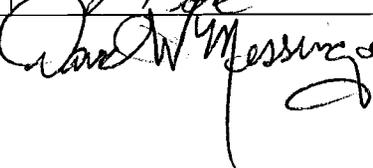
Inspection Item	Shipping/ Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
13. Unvented containers discovered that require venting. (A technical evaluation determines venting is required. Examples include: Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW and TRU boxes that do not have an established vent path or contain a multi-piece gasket, been released for unrestricted movement and processing, and subsequently been determined to be unvented.) [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	
14. Evidence of contamination	✓		✓		✓		✓		✓		✓	
15. Waste containers identified with an ACMP sticker are being managed in accordance with instructions provided on the "Immediate Actions Taken" line of SWITS form SWIR361 attached to the drum. [TSR AC 5.7.8] [TSR AC 5.7.9-b&c]	✓		✓		✓		✓		✓		✓	

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Appendix A - Waste Storage Area Weekly Inspection Sheet
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Date of Inspection: 03/02/11		Time: 1500	
Inspector	Print: Russell Walterman	Sign: 	Date: 03/02/11
Inspector	Print: Daniel Andrews	Sign: 	Date: 03-02-11
Ops Mgmt.	Print: LN Sutton	Sign: 	Date: 3/3/11
General Comments: DAVID W MESSINGER  3-4-11			
Inspection Finding		Corrective Action	

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet

(2 pages total)

Date of Inspection: _____		
For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on page 2 of this appendix. Record unsatisfactory findings and corrective actions taken by DOS on page 2 of this appendix.		
Inspection Item	Process Area	
	Sat	Unsat
1. Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	✓	
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	✓	
3. Area is generally dry and free of accumulated water.	✓	
4. Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]	✓	
5. General housekeeping is satisfactory.	✓	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.		⊗
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	✓	
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR AC 5.7.8 criteria 1, 9 & 10]	✓	
9. Waste containers are closed and there is no evidence of leakage.	✓	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	✓	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.	✓	

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet

(2 pages total)

Date of Inspection: 3/2/11		Time: 1415	
Inspector	Print: Tim Callaway	Sign: [Signature]	Date: 3/2/11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LN Sutton	Sign: [Signature]	Date: 3/3/11

General Comments:

Inspection Finding	Corrective Action
① Drum # 0058130 Needs checked for compatibility with other drums on the carousel.	Investigating path forward with ECO. Needs to exit PA and stored on a spill pallet LN Sutton

3/07/11

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Appendix A - Waste Storage Area Weekly Inspection Sheet
 (4 pages total)

Date of Inspection: 3-2-11 AS25

For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
1. Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	✓		✓				✓		✓			
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	✓				✓		✓		✓			
3. Area is generally dry and free of accumulated water.	✓		✓				✓		✓			
4. Accumulations of any transient combustible waste material outside SHALL be separated from waste containers or arrays by a distance of at least 10 m (33 ft). [TSR AC 5.7.1.c]	✓		✓		✓		✓		✓		✓	
5. General housekeeping is satisfactory.	✓		✓		✓		✓		✓		✓	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	✓		✓		✓		✓		✓		✓	

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Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	✓				✓		✓		✓			
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR SAC 5.6.4.b] [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	
9. Waste containers are closed and there is no evidence of leakage.	✓		✓		✓		✓		✓		✓	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	✓		✓		✓		✓		✓		✓	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.												
12. Damaged or corroded (degraded) containers. (waste containers that are contaminated or cannot be handled, moved, or disposed of without the spread of contamination.) [TSR SAC 5.6.4.e] [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	

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Appendix A - Waste Storage Area Weekly Inspection Sheet
 (4 pages total)

Date of Inspection: 3-7-11 05:25

For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

Inspection Item	Shipping/Receiving & NDE/ND A		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
13. Unvented containers discovered that require venting. (A technical evaluation determines venting is required. Examples include: Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW and TRU boxes that do not have an established vent path or contain a multi-piece gasket, been released for unrestricted movement and processing, and subsequently been determined to be unvented.) [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	
14. Evidence of contamination	✓		✓		✓		✓		✓		✓	
15. Waste containers identified with an ACMP sticker are being managed in accordance with instructions provided on the "Immediate Actions Taken" line of SWITS form SWIR361 attached to the drum. [TSR AC 5.7.8] [TSR AC 5.7.9-b&c]	✓		✓		✓		✓		✓		✓	

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Appendix A - Waste Storage Area Weekly Inspection Sheet
(4 pages total)

Date of Inspection:		Time: 1030	
Inspector	Print:	Sign:	Date:
ASRS	LRLAMPMAN	<i>[Signature]</i>	3-7-11
Inspector	Print:	Sign:	Date:
	Daniel Andrews	<i>[Signature]</i>	3-10-11
Ops Mgmt.	Print:	Sign:	Date:
	LV Sutton	<i>[Signature]</i>	3/10/11

General Comments:

Inspection Finding	Corrective Action

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
(2 pages total)

Date of Inspection: <u>3-5-11</u>		
For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on page 2 of this appendix. Record unsatisfactory findings and corrective actions taken by DOS on page 2 of this appendix.		
Inspection Item	Process Area	
	Sat	Unsat
1. Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	X	
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	X	
3. Area is generally dry and free of accumulated water.	X	
4. Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]	X	
5. General housekeeping is satisfactory.	X	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	X	
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	X	
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR AC 5.7.8 criteria 1, 9 & 10]	X	
9. Waste containers are closed and there is no evidence of leakage.	X	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	X	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.	X	

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
(2 pages total)

Date of Inspection: 3-8-11		Time: 1020	
Inspector	Print: B. Hayden	Sign: <i>[Signature]</i>	Date: 3-8-11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LV Sitten	Sign: <i>[Signature]</i>	Date: 3/8/11
General Comments:			
Inspection Finding		Corrective Action	

3/14/11

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Appendix A - Waste Storage Area Weekly Inspection Sheet

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Inspection Item	Shipping/Receiving & NDE/DA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	✓				✓		✓		✓			
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR SAC 5.6.4.b] [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	
9. Waste containers are closed and there is no evidence of leakage.	✓		✓		✓		✓		✓		✓	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	✓		✓		✓		✓		✓		✓	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.												
12. Damaged or corroded (degraded) containers. (waste containers that are contaminated or cannot be handled, moved, or disposed of without the spread of contamination.) [TSR SAC 5.6.4.e] [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	

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Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
13. Unvented containers discovered that require venting. (A technical evaluation determines venting is required. Examples include: Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW and TRU boxes that do not have an established vent path or contain a multi-piece gasket, been released for unrestricted movement and processing, and subsequently been determined to be unvented.) [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	
14. Evidence of contamination	✓		✓		✓		✓		✓		✓	
15. Waste containers identified with an ACP sticker are being managed in accordance with instructions provided on the "Immediate Actions Taken" line of SWITS form SW/IR361 attached to the drum. [TSR AC 5.7.8] [TSR AC 5.7.9-b&c]	✓		✓		✓		✓		✓		✓	

Date of Inspection: 3-14-11

For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

Waste Surveillance

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Appendix A - Waste Storage Area Weekly Inspection Sheet

(4 pages total)

Date of Inspection: 3-14 & 15-11		Time: 0044	
Inspector ASRS	Print: LR LAMPMAN	Sign: <i>[Signature]</i>	Date: 3-14-11
Inspector	Print: Tim Bresheers	Sign: <i>[Signature]</i>	Date: 3-14-11
Ops Mgmt.	Print: David W. Messinger	Sign: <i>[Signature]</i>	Date: 3-15-11
General Comments:			
Inspection Finding		Corrective Action	

Waste Surveillance

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
(2 pages total)

Date of Inspection: <u>3-14-11</u>		
For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on page 2 of this appendix. Record unsatisfactory findings and corrective actions taken by DOS on page 2 of this appendix.		
Inspection Item	Process Area	
	Sat	Unsat
1. Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	X	
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	X	
3. Area is generally dry and free of accumulated water.	+	
4. Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]	X	
5. General housekeeping is satisfactory.	+	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	X	
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	X	
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR AC 5.7.8 criteria 1, 9 & 10]	X	
9. Waste containers are closed and there is no evidence of leakage.	+	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	X	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.	+	

Waste Surveillance

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
(2 pages total)

Date of Inspection: 3-14-11		Time: 1315	
Inspector	Print: B. Hayden	Sign: <i>[Signature]</i>	Date: 3-14-11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LN Setten	Sign: <i>[Signature]</i>	Date: 3/14/11

General Comments:

Inspection Finding	Corrective Action

3/02/11

WRP1-SV-1706
Waste Surveillance

Rev. 5, Chg. 4

Effective Date: 11/08/2010

Published Date: 11/08/2010

Appendix A - Waste Storage Area Weekly Inspection Sheet
 (4 pages total)

Date of Inspection: 03/02/11

For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

Inspection Item	Shipping/Receiving & NDE/INDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
1. Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	✓		✓		✓		✓		✓			
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	✓				✓		✓		✓			
3. Area is generally dry and free of accumulated water.	✓		✓		✓		✓		✓			
4. Accumulations of any transient combustible waste material outside SHALL be separated from waste containers or arrays by a distance of at least 10 m (33 ft). [TSR AC 5.7.1.c]	✓		✓		✓		✓		✓		✓	
5. General housekeeping is satisfactory.	✓		✓		✓		✓		✓		✓	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	✓		✓		✓		✓		✓		✓	

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Appendix A - Waste Storage Area Weekly Inspection Sheet
(4 pages total)

Inspection Item	Shipping/Receiving & NDE/INDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	✓				✓		✓		✓			
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR SAC 5.6.4.b] [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	
9. Waste containers are closed and there is no evidence of leakage.	✓		✓		✓		✓		✓		✓	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	✓		✓		✓		✓		✓		✓	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.												
12. Damaged or corroded (degraded) containers. (waste containers that are contaminated or cannot be handled, moved, or disposed of without the spread of contamination.) [TSR SAC 5.6.4.e] [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	

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Waste Surveillance

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Appendix A - Waste Storage Area Weekly Inspection Sheet

(4 pages total)

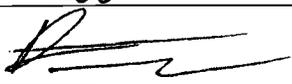
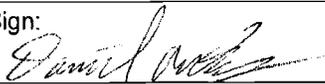
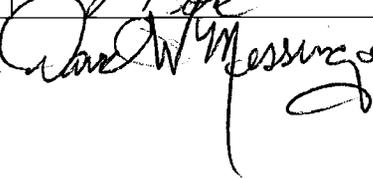
Inspection Item	Shipping/ Receiving & NDE/NDI		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
13. Unvented containers discovered that require venting. (A technical evaluation determines venting is required. Examples include: Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW and TRU boxes that do not have an established vent path or contain a multi-piece gasket, been released for unrestricted movement and processing, and subsequently been determined to be unvented.) [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	
14. Evidence of contamination	✓		✓		✓		✓		✓		✓	
15. Waste containers identified with an ACP sticker are being managed in accordance with instructions provided on the "Immediate Actions Taken" line of SWITS form SWIR361 attached to the drum. [TSR AC 5.7.8] [TSR AC 5.7.9-b&c]	✓		✓		✓		✓		✓		✓	

Waste Surveillance

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Appendix A - Waste Storage Area Weekly Inspection Sheet
(4 pages total)

Date of Inspection: 03/02/11		Time: 1500	
Inspector	Print: Russell walterman	Sign: 	Date: 03/02/11
Inspector	Print: Daniel Andrews	Sign: 	Date: 03-02-11
Ops Mgmt.	Print: LN Sutton	Sign: 	Date: 3/3/11
General Comments: DAVID W MESSINGER  3-4-11			
Inspection Finding		Corrective Action	

Waste Surveillance

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet

(2 pages total)

Date of Inspection: _____		
For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on page 2 of this appendix. Record unsatisfactory findings and corrective actions taken by DOS on page 2 of this appendix.		
Inspection Item	Process Area	
	Sat	Unsat
1. Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	✓	
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	✓	
3. Area is generally dry and free of accumulated water.	✓	
4. Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]	✓	
5. General housekeeping is satisfactory.	✓	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.		⊗
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	✓	
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR AC 5.7.8 criteria 1, 9 & 10]	✓	
9. Waste containers are closed and there is no evidence of leakage.	✓	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	✓	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.	✓	

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
(2 pages total)

Date of Inspection: 3/2/11		Time: 1415	
Inspector	Print: Tim Callaway	Sign: [Signature]	Date: 3/2/11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LN Sutton	Sign: [Signature]	Date: 3/3/11

General Comments:

Inspection Finding	Corrective Action
① Drum # 0057130 Needs checked for compatibility with other drums on the carousel.	Investigating path forward with ECO. Needs to exit PA and stored on a spill pallet LN Sutton

3/07/11

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Appendix A - Waste Storage Area Weekly Inspection Sheet
 (4 pages total)

Date of Inspection: 3-7-11 ASRS

For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.

Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
1. Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	✓		✓		✓		✓		✓			
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	✓				✓		✓		✓			
3. Area is generally dry and free of accumulated water.	✓		✓		✓		✓		✓			
4. Accumulations of any transient combustible waste material outside SHALL be separated from waste containers or arrays by a distance of at least 10 m (33 ft). [TSR AC 5.7.1.c]	✓		✓		✓		✓		✓		✓	
5. General housekeeping is satisfactory.	✓		✓		✓		✓		✓		✓	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	✓		✓		✓		✓		✓		✓	

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Appendix A - Waste Storage Area Weekly Inspection Sheet

(4 pages total)

Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	✓				✓		✓		✓			
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR SAC 5.6.4.b] [TSR AC 5.7.8]	✓		✓		✓		✓		✓			✓
9. Waste containers are closed and there is no evidence of leakage.	✓		✓		✓		✓		✓			✓
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	✓		✓		✓		✓		✓			✓
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.												
12. Damaged or corroded (degraded) containers. (waste containers that are contaminated or cannot be handled, moved, or disposed of without the spread of contamination.) [TSR SAC 5.6.4.e] [TSR AC 5.7.8]	✓		✓		✓		✓		✓			✓

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Appendix A - Waste Storage Area Weekly Inspection Sheet

(4 pages total)

Inspection Item	Shipping/ Receiving & NDE/DA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
13. Unvented containers discovered that require venting. (A technical evaluation determines venting is required. Examples include: Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW and TRU boxes that do not have an established vent path or contain a multi-piece gasket, been released for unrestricted movement and processing, and subsequently been determined to be unvented.) [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	
14. Evidence of contamination	✓		✓		✓		✓		✓		✓	
15. Waste containers identified with an ACMP sticker are being managed in accordance with instructions provided on the "Immediate Actions Taken" line of SWITS form SWIR361 attached to the drum. [TSR AC 5.7.8] [TSR AC 5.7.9-b&c]	✓		✓		✓		✓		✓		✓	

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Appendix A - Waste Storage Area Weekly Inspection Sheet
(4 pages total)

Date of Inspection:		Time: 1030	
Inspector <i>ASKS</i>	Print: <i>LRLAMPMAN</i>	Sign: <i>L. Lampman</i>	Date: <i>3-7-11</i>
Inspector	Print: <i>Daniel Andrews</i>	Sign: <i>Daniel Andrews</i>	Date: <i>3-10-11</i>
Ops Mgmt.	Print: <i>LV Sutton</i>	Sign: <i>M. Sutton</i>	Date: <i>3/10/11</i>

General Comments:

Inspection Finding	Corrective Action

Waste Surveillance

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
(2 pages total)

Date of Inspection: <u>3-5-11</u>		
For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on page 2 of this appendix. Record unsatisfactory findings and corrective actions taken by DOS on page 2 of this appendix.		
Inspection Item	Process Area	
	Sat	Unsat
1. Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	X	
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	X	
3. Area is generally dry and free of accumulated water.	X	
4. Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]	X	
5. General housekeeping is satisfactory.	X	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	X	
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	X	
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR AC 5.7.8 criteria 1, 9 & 10]	X	
9. Waste containers are closed and there is no evidence of leakage.	X	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	X	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.	X	

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
(2 pages total)

Date of Inspection: 3-8-11		Time: 1020	
Inspector	Print: B. Hayden	Sign: <i>[Signature]</i>	Date: 3-8-11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LV Sitten	Sign: <i>[Signature]</i>	Date: 3/8/11
General Comments:			
Inspection Finding		Corrective Action	

3/14/11

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Appendix A - Waste Storage Area Weekly Inspection Sheet
 (4 pages total)

Inspection Item	Shipping/Receiving & NDE/NDA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	✓				✓		✓		✓			
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR SAC 5.6.4.b] [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	
9. Waste containers are closed and there is no evidence of leakage.	✓		✓		✓		✓		✓		✓	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	✓		✓		✓		✓		✓		✓	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.												
12. Damaged or corroded (degraded) containers. (waste containers that are contaminated or cannot be handled, moved, or disposed of without the spread of contamination.) [TSR SAC 5.6.4.e] [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	

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Appendix A - Waste Storage Area Weekly Inspection Sheet

(4 pages total)

Inspection Item	Shipping/ Receiving & NDE/DA		AS/RS		Material Preparation Area		2404-WB		2404-WC		Outside Storage Area	
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
13. Unvented containers discovered that require venting. (A technical evaluation determines venting is required. Examples include: Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW and TRU boxes that do not have an established vent path or contain a multi-piece gasket, been released for unrestricted movement and processing, and subsequently been determined to be unvented.) [TSR AC 5.7.8]	✓		✓		✓		✓		✓		✓	
14. Evidence of contamination	✓		✓		✓		✓		✓		✓	
15. Waste containers identified with an ACP sticker are being managed in accordance with instructions provided on the "Immediate Actions Taken" line of SWITS form SWIR361 attached to the drum. [TSR AC 5.7.8] [TSR AC 5.7.9-b&c]	✓		✓		✓		✓		✓		✓	

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Effective Date: 11/08/2010

Appendix A - Waste Storage Area Weekly Inspection Sheet

(4 pages total)

Date of Inspection: 3-14 & 15-11		Time: 0044	
Inspector ASRS	Print: LR LAMPAMAN	Sign: <i>[Signature]</i>	Date: 3-14-11
Inspector	Print: Tim Breshears	Sign: <i>[Signature]</i>	Date: 3-14-11
Ops Mgmt.	Print: David W. Messinger	Sign: <i>[Signature]</i>	Date: 3-15-11
General Comments:			
Inspection Finding		Corrective Action	

Waste Surveillance

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Effective Date: 11/08/2010

Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
(2 pages total)

Date of Inspection: <u>3-24-11</u>		
For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on page 2 of this appendix. Record unsatisfactory findings and corrective actions taken by DOS on page 2 of this appendix.		
Inspection Item	Process Area	
	Sat	Unsat
1. Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	X	
2. Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	X	
3. Area is generally dry and free of accumulated water.	+	
4. Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]	X	
5. General housekeeping is satisfactory.	+	
6. Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	X	
7. When containers are stored or staged outside of engineered storage spaces in buildings and aisles are required, aisle width shall be controlled to at least 36 in. nominally for compliance with NFPA 101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	X	
8. Visible surfaces of waste containers appear to be intact with no obvious evidence of bulging or rupture. [TSR AC 5.7.8 criteria 1, 9 & 10]	X	
9. Waste containers are closed and there is no evidence of leakage.	+	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	+	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.	+	

Waste Surveillance

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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet
(2 pages total)

Date of Inspection: 3-14-11		Time: 1315	
Inspector	Print: B. Hayden	Sign: <i>[Signature]</i>	Date: 3-14-11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LN Setten	Sign: <i>[Signature]</i>	Date: 3/14/11

General Comments:

Inspection Finding	Corrective Action

Enclosure II

Riehle, Dorothy

From: Williams, Joel F Jr
Sent: Tuesday, May 10, 2011 2:25 PM
To: Willis, Norman P
Cc: Mortensen, A S (Stuart); Miskho, Anthony G; Kisielnicki, Jeanne M; Clark, Cliff; Collins, Michael; Cawse, Allan E; Engelmann, Richard H; Dixon, Brian J; Tuott, Lee C; Flyckt, Don L
Subject: ECOLOGY VERBAL REQUET FOR INFORMATION FROM 2404-WB CONTAINER LEAK

Norm

Today Ecology (Kathy Conaway) verbally requested the following information be provided to her:

1. Identification of labels on the original container #0066228 that leaked
2. Identification of labels placed on the 85-gallon overpack that the leaking container was placed in
3. Copy of the 2404-WB "Weekly Container Inspections" from February 1, 2011 through April 30, 2011.

I talked with you on the phone and with Stu Mortensen about these requests. WRAP is going to look into these requests.

I would like to receive this information as soon as possible to forward to Ecology.

If you have any questions, please call me on 376-4782 Or 528-7641.

Thanks for your time and patience.

Joel F. Williams Jr.
CHPRC Regulatory Lead
Environmental Protection
CH2M Hill PRC

Riehle, Dorothy

From: Williams, Joel F Jr
Sent: Tuesday, May 17, 2011 1:55 PM
To: Clark, Cliff; Collins, Michael; Weil, Stephen
Cc: Mortensen, A S (Stuart); Tuott, Lee C; Miskho, Anthony G; Flyckt, Don L; Aljure, Gustavo A; Dixon, Brian J; Engelmann, Richard H; Cawrse, Allan E
Subject: REVIEW OF PROPOSED RESPONSE TO ECOLOGY ON FABRIC MATERIAL USED IN WRAP CLEANUP

Cliff/Mike/Steve

The following is a response from WRAP to Ecology's (Kathy Conaway) email dated May 11, 2011 question that stated:

Question: "What are the pads on the floor composed of?"

Response: **The white pads in the floor are actually cotton towels that were placed over the material that leaked from the drum for control purposes.**

The pads that Ms. Conaway is referring to in her email, is a picture that was provided to Ecology on May 9, 2011 (refer to attachment).



drum leak 35.jpg

Please review the response and if ok let me know and I will draft another email to Ms. Conaway with the above response.

If you have any questions, please call me on 376-4782 or 528-7641.

Thanks for your time and patience.

Joel F. Williams Jr.
CHPRC Regulatory Inspection Lead
Environmental Protection
CH2M Hill PRC



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Riehle, Dorothy

From: Williams, Joel F Jr
Sent: Wednesday, May 18, 2011 5:22 PM
To: Singleton, Deborah
Cc: Clark, Cliff; Collins, Michael; Mckarns, Tony; Weil, Stephen; Mortensen, A S (Stuart)
Subject: FW: SCHEDULING WRAP MEETING FOR MAY 20, 2011 (FRIDAY)

Importance: High

Deborah

Below is an email message I sent to Kathy Conaway today requesting that an email be sent to me on who she would like to have at this WRAP meeting that maybe happening on May 20, 2011.

I am sending you this email as well because in an email from John Price today, he indicated that you will be accompanying her at this meeting and to put you on emails to Ms. Conaway.

If you have any questions or comments, please call me on 376-4782 or 528-7641.

Thanks for your time and patience.

Joel F. Williams Jr.
CHPRC Regulatory Inspection Lead
Environmental Protection
CH2M Hill PRC

From: Williams, Joel F Jr
Sent: Wednesday, May 18, 2011 4:49 PM
To: Conaway, Kathleen (ECY)
Cc: Clark, Cliff E.; Mckarns, Tony C.; Collins, Michael S; Weil, Stephen; Mortensen, A S (Stuart); Tuott, Lee C
Subject: SCHEDULING WRAP MEETING FOR MAY 20, 2011 (FRIDAY)

Kathy

I left you a phone message about scheduling a meeting with DOE and WRAP Facility personnel for May 20, 2011 (Friday) at WRAP.

Could you please send me an email letting me know what personnel you will like at this meeting from WRAP that you have identified for interviewing on the WRAP 2404-WB Building leaking container.

If you have any questions, please call me on 376-4782 or 528-7641.

Thanks for your time and patience.

Joel F. Williams Jr.
CHPRC Regulatory Inspection Lead
Environmental Protection
CH2M Hill PRC

Riehle, Dorothy

From: Williams, Joel F Jr
Sent: Wednesday, June 08, 2011 4:46 PM
To: Conaway, Kathleen (ECY)
Cc: Clark, Cliff; Collins, Michael; Weil, Stephen; Mckarns, Tony; Mccarthy, Edward T; Mortensen, A S (Stuart); Tuott, Lee C; Triner, Glen C; Ramirez, Amanda J; Dixon, Brian J; Engelmann, Richard H; Cawrse, Allan E; Blackford, Leonard T (TY); Miskho, Anthony G; Flyckt, Don L; Seaver, Jennie R
Subject: DOE/CHPRC RESPONSE TO ECOLOGY QUESTIONS ON THE CONTAINER LEAK AT 2404-WB DATED ON MAY 26, 2011
Importance: High

Kathy

The following are responses that have been prepared by DOE/CHPRC to the five (5) questions that you had sent per your email to me dated May 26, 2011:

1. *Will there be sampling and analysis of the WRAP drum material that leaked onto the floor and/or drum contents?*

Response: There will be analysis of the waste. The plan is to provide real time radiograph (RTR) analysis of the overpacked drums and further analyze the drum contents by placing the waste in a glovebox for repackaging. Although not completed yet, a waste treatment plan will be developed for the drum contents that will include pH testing. If neutralization is needed, upon completion of the neutralization activity, pH testing will be performed to verify successful completion of that activity. Depending on the final disposal location and the facility's revised repack procedures, additional sampling and analysis may be performed if required to ensure compliance with the facility's and disposal and regulatory requirements. Waste generated through the cleanup activities will be assessed for storage and disposal.

2. *When will that (sampling) occur?*

Response: Sampling is not planned but analysis will occur as described in response to Question 1 above as part of the glovebox analysis and drumming of cleanup materials. If sampling is performed, WRAP will inform Ecology of the activity.

3. *What was done with the clean-up materials used in the drum spill?*

Response: The clean-up materials generated to date that are contaminated with dangerous wastes include leaking drum 0062288 overpacked into drum 0059303; and contaminated pallets that have been wrapped with plastic sheeting. Drum 0059303 has been labeled as a dangerous waste and is on a spill pallet. Due to the large size of the wrapped contaminated pallets, a large box is being acquired to transport these wastes to an off-site TSD for size reduction. This will enable this waste to be containerized and assayed to determine whether it is a mixed-TRU waste or mixed LLW. Until the box arrives, the wrapped pallets are managed as a dangerous waste and stored in 2404-WB on a pallet.

4. *Was it (clean-up materials) put in a drum and assigned an ID#?*

Response: Each waste drum has a Package Identification Number (PIN) barcode identification and will be tracked both in the WRAP Data Management System (DMS) and in the Hanford Solid Waste Information Tracking System (SWITS). As of 5/31/11, the recovery activities have generated eight 55-gallon drums of step-off pad waste consisting of paper, plastic, cloth, respirator mask filter cartridges, rubber and other materials used to decontaminate the building. This material has not been designated as a dangerous waste since it has not

contacted the leaked material. As the recovery activities proceed, the spilled material will be recovered and placed in containers in a manner that is compatible with the wastes. Containers with the leaked material or anything that has contacted the leaked material will be managed as a mixed (dangerous and radioactive) waste with applicable waste codes assigned.

5. *What is the rad (radioactive) reading now in 2404 WB?*

Response: The question regarding the radioactive readings in 2404-WB is outside the scope of the dangerous waste regulations. However, as a matter of comity the following information is provided:

On 5/31/11:

~80% of the building has been confirmed free of contamination.

~20% of the building is posted a Contamination Area and contains about a dozen spots of low level contamination (<10,000 dpm/100 cm² alpha).

No airborne radioactivity has been detected.

High levels of contamination are covered (baking soda, soil cement & tarp) and not currently exposed.

If you have any questions, please call me on 376-4782 or 528-7641.

Thank you for your time and patience.

Joel F. Williams Jr.
CHPRC Regulatory Inspection Lead
Environmental Protection
CH2M Hill PRC

Riehle, Dorothy

From: Blackford, Leonard T (TY)
Sent: Monday, June 06, 2011 2:27 PM
To: Jaraysi, Moses; Williams, Joel F Jr; Clark, Cliff; Collins, Michael; Weil, Stephen; Mckarns, Tony
Cc: Toebe, Wayne E; Dixon, Brian J; Cawrse, Allan E; Engelmann, Richard H; Seaver, Jennie R; Aljure, Gustavo A; Mccarthy, Edward T; Tuott, Lee C; Mortensen, A S (Stuart); Miskho, Anthony G; Flyckt, Don L
Subject: RE: 5 Ecology questions of...

My two cents, and I know I am just the operations gorilla, but..... what gain are we looking for in sampling, and what question would we answer that we already have AK of?

I do not see where a question of waste compatibility is asked here. Perhaps we are talking semantics, but the waste had to be compatible or we would have had a reaction some 30 odd years ago when it was packaged the first time. There were no compatibility issues with the waste. Instead the waste form had a constituent in it that was not compatible with the container we packaged it into at WRAP. The difference, the original package had a poly liner that prevented the waste from interacting with the container, and our WRAP one trip drum had a sprayed liner that obviously had a flaw that allowed that interaction to occur.

This is a homogenized waste form. The AK said it was absorbed acid, and indeed, the corrosion of the drum pretty conclusively proves that. The AK was right. It is what we operations gorillas did with that AK that was our undoing. Had we made sure that we understood the difficulties of neutralization due to the waste form, and had we thought more about the potential for the one trip drum to have a limited ability to contain due to the waste form, and had we allowed the waste to dry so that the acid did not have a ready way to carry and react with the drum, and had we more effectively verified the neutralization as fully completed, as well as thought about additional protection of the container, we would not have given the WRAP container the opportunity to fail.

That is a question of neutralization of the waste and packaging in a way to assure ourselves, as much as possible, of the reduction of the risk of interaction of the waste with the container. Already required by the acceptance criteria of the final disposal facility.

We can sample anything, but I would want to know what we expect to gain with that when we have a few million DPM sample to manage and have a lab play with, other than Ph to confirm it is acid.

Ty

From: Jaraysi, Moses
Sent: Monday, June 06, 2011 12:58 PM
To: Williams, Joel F Jr; Clark, Cliff E.; Collins, Michael S; Weil, Stephen; Mckarns, Tony C.
Cc: Toebe, Wayne E; Dixon, Brian J; Cawrse, Allan E; Engelmann, Richard H; Seaver, Jennie R; Aljure, Gustavo A; Mccarthy, Edward T; Tuott, Lee C; Mortensen, A S (Stuart); Miskho, Anthony G; Flyckt, Don L; Blackford, Leonard T (TY)
Subject: RE: 5 Ecology questions of...
Importance: High

All,

Just a thought; if Cathy and Bartus are questioning the compatibility of the contents of these drums, shouldn't we do some sampling to prove the compatibility of the wastes to ourselves and them?

Please don't send the responses Ecology before we agree on the need for sampling. We need to do our best to "defuse" this situation if at all possible.

MJ

509-438-1596



From: Williams, Joel F Jr
Sent: Monday, June 06, 2011 12:52 PM
To: Clark, Cliff E.; Collins, Michael S; Weil, Stephen; Mckarns, Tony C.
Cc: Toebe, Wayne E; Dixon, Brian J; Cawrse, Allan E; Engelmann, Richard H; Seaver, Jennie R; Aljure, Gustavo A; Mccarthy, Edward T; Tuott, Lee C; Mortensen, A S (Stuart); Miskho, Anthony G; Flyckt, Don L; Blackford, Leonard T (TY)
Subject: FW: 5 Ecology questions of...
Importance: High

Cliff/Mike/Steve/Tony

Below are the responses that have been prepared by CHPRC Waste and Fuels Management Project to respond to Ecology's (Kathy Conaway) questions on her email dated May 26, 2011.

Please review and if you have any comments please forward them to me as soon as you can. I would like to forward the responses back to Ms. Conaway soon.

If you have any questions, please call me on 376-4782 or 528-7641.

Thanks for your time and patience.

Joel F. Williams Jr.
CHPRC Regulatory Inspection Lead
Environmental Protection
CH2M Hill PRC

From: Tuott, Lee C
Sent: Monday, June 06, 2011 10:48 AM
To: Williams, Joel F Jr
Cc: Mortensen, A S (Stuart); Mccarthy, Edward T
Subject: FW: 5 Ecology questions of...

Joel, attached are the draft responses to Ecology's questions. Please contact me if you have questions or need additional information.

Lee

- 1) Will there be sampling and analysis of the WRAP drum material that leaked onto the floor and/or drum contents?

Response: The plan is to RTR the overpacked drums and place the waste in a glovebox for repackaging. It is anticipated that a waste treatment plan will be developed for the drum contents that will include pH testing. If neutralization is needed, upon completion of the neutralization activity, pH testing will be performed to verify successful completion of that activity. Depending on the final disposal location and the facility's revised repack procedures, sampling and analysis may be performed to ensure compliance with the facility's and disposal requirements. Waste generated through the cleanup activities will be assessed for storage and disposal.

Depending on the final disposal location for the various waste streams, sampling and analysis of these wastes may be performed to ensure compliance with the disposal facility's requirements.

- 2) Will there be sampling and analysis of the WRAP drum material that leaked onto the floor and/or drum contents?

Response: The existing information on the contents of the drum are adequate for the safe management of this waste in the current packaging. As previously discussed, the plan is to RTR the overpacked drums and place the waste in a glovebox for repackaging. Depending on the final disposal location and the facility's revised repack procedures, sampling and analysis may be performed to ensure compliance with the facility's and disposal requirements. Waste generated through the cleanup activities will be assessed for storage and disposal. Depending on the final disposal location for the various waste streams, sampling and analysis of these wastes may be performed to ensure compliance with the disposal facility's requirements.

- 3) When will that (*sampling*) occur?

Response: Since sampling activities have not been identified at this time, if sampling is performed, WRAP can inform WDOH of the activity.

- 4) What was done with the clean-up materials used in the drum spill?

Response: Clean-up materials generated to date that are contaminated with dangerous wastes include leaking drum 0062288 overpacked into drum 0059303; and contaminated pallets that have been wrapped. Drum 0059303 has been labeled as a hazardous waste and is on a spill pallet. Due to the large size of the wrapped contaminated pallets, a large box is being acquired to transport these wastes to an off-site TSD for size reduction. This will enable this waste to be containerized and assayed to determine whether it is a mixed-TRU waste or mixed LLW.

- 5) Was it (*clean-up materials*) put in a drum and assigned an ID#?

Response: Each waste drum has a Package Identification Number (PIN) barcode identification and will be tracked both in the WRAP Data Management System (DMS) and in the Hanford Solid Waste Information Tracking System (SWITS). As of 5/31/11, the recovery activities have generated eight 55-gallon drums of step-off pad waste consisting of paper, plastic, cloth, respirator mask filter cartridges, rubber and other materials used to decontaminate the building. This material has not been designated as a dangerous waste since it has not contacted the leaked material. As the recovery activities proceed, the spilled material will be recovered and placed in containers in a manner that is compatible with the wastes. Containers with the leaked material or anything that has contacted the leaked material will be managed as a mixed (dangerous and radioactive) waste with applicable waste codes assigned.

- 6) What is the rad (*radioactive*) reading now in 2404 WB?

Response: The following is the Radiological Status of 2404 WB on 5/31/11:

~80% of the building has been confirmed free of contamination.

~20% of the building is posted a Contamination Area and contains about a dozen spots of low level contamination (<10,000 dpm/100 cm² alpha).

No detected airborne radioactivity.

High levels of contamination are covered (baking soda, soil cement & tarp) and not currently exposed.

Riehle, Dorothy

From: Collins, Michael
Sent: Wednesday, June 08, 2011 1:03 PM
To: Clark, Cliff
Subject: FW: 5 Ecology questions of... NEW - IMPROVED!!!

Cliff – I'm good with these. If you are too, I'll pass them along. Mike C.

From: Tuott, Lee C
Sent: Wednesday, June 08, 2011 12:53 PM
To: Clark, Cliff; Collins, Michael
Cc: Williams, Joel F Jr
Subject: FW: 5 Ecology questions of... NEW - IMPROVED!!!

Joel requested that I send the revised response to Ecology's 5 questions to you. He's currently in the field and will return to the office later this p.m.

These revisions are intended to incorporate the comments that you provided on the draft. Let me know if you have further questions or would like to discuss the responses.

Lee Tuott
WRAP Environmental Compliance Officer, CHPRC
509.376.1045 (office); 509.713.0065 (cell)
email: lee_c_tuott@rl.gov

- 1) *Will there be sampling and analysis of the WRAP drum material that leaked onto the floor and/or drum contents?*

Response: There will be analysis of the waste. The plan is to provide RTR analysis of the overpacked drums and further analyze the drum contents by placing the waste in a glovebox for repackaging. Although not completed yet, a waste treatment plan will be developed for the drum contents that will include pH testing. If neutralization is needed, upon completion of the neutralization activity, pH testing will be performed to verify successful completion of that activity. Depending on the final disposal location and the facility's revised repack procedures, additional sampling and analysis may be performed if required to ensure compliance with the facility's and disposal and regulatory requirements. Waste generated through the cleanup activities will be assessed for storage and disposal.

2. *When will that (sampling) occur?*

Response: Sampling is not planned but analysis will occur as described above as part of the glovebox analysis and drumming of cleanup materials. If sampling is performed, WRAP will inform Ecology of the activity.

3. *What was done with the clean-up materials used in the drum spill?*

Response: The clean-up materials generated to date that are contaminated with dangerous wastes include leaking drum 0062288 overpacked into drum 0059303; and contaminated pallets that have been wrapped with plastic sheeting. Drum 0059303 has been labeled as a dangerous waste and is on a spill pallet. Due to the large size of the wrapped contaminated pallets, a large box is being acquired to transport these wastes to an off-site TSD for size reduction. This will enable this waste to be containerized and assayed to determine whether it is a

mixed-TRU waste or mixed LLW. Until the box arrives, the wrapped pallets are managed as a dangerous waste and stored in 2404-WB on a pallet.

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5. *What is the rad (radioactive) reading now in 2404 WB?*

Response: The question regarding the radioactive readings in 2404-WB is outside the scope of the dangerous waste regulations. However, as a matter of comity the following information is provided:

On 5/31/11:

~80% of the building has been confirmed free of contamination.

~20% of the building is posted a Contamination Area and contains about a dozen spots of low level contamination (<10,000 dpm/100 cm² alpha).

No airborne radioactivity has been detected.

High levels of contamination are covered (baking soda, soil cement & tarp) and not currently exposed.

Riehle, Dorothy

From: Tuott, Lee C
Sent: Wednesday, June 08, 2011 3:14 PM
To: Clark, Cliff; Collins, Michael
Cc: Williams, Joel F Jr
Subject: RE: 5 Ecology questions of... NEW - IMPROVED!!!

Thanks! It was a team effort from all involved!

And thank you for the constructive comments!

Lee Tuott
WRAP Environmental Compliance Officer, CHPRC
509.376.1045 (office); 509.713.0065 (cell)
email: lee_c_tuott@rl.gov

From: Clark, Cliff [<mailto:Cliff.Clark@rl.doe.gov>]
Sent: Wednesday, June 08, 2011 2:32 PM
To: Tuott, Lee C; Collins, Michael S
Cc: Williams, Joel F Jr
Subject: RE: 5 Ecology questions of... NEW - IMPROVED!!!

Excellent! Clear, concise, and to the point. Well done to whoever wrote this.

Cliff Clark

From: Tuott, Lee C
Sent: Wednesday, June 08, 2011 12:53 PM
To: Clark, Cliff; Collins, Michael
Cc: Williams, Joel F Jr
Subject: FW: 5 Ecology questions of... NEW - IMPROVED!!!

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509.376.1045 (office); 509.713.0065 (cell)
email: lee_c_tuott@rl.gov

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