Enclosure I

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Appendix A - Waste Storage Area Weekly Inspection Sheet

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õ	Date of Inspection: 3.2/.1/												
й ж	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.	at or Un taken by	sat. Ite	ems wit on the	th "Unsi last pa	at" requ	ire a con is appene	dix.	in the la	st page	e of this	append	.×
	Inspection Item	Shipping/	/bu	AS/RS	RS	Mat	Material	2404-WB	-WB	2404	2404-WC	Outside	ide
		Receiving & NDE/NDA	ng & DA			Prepa	Preparation Area					Storage Area	age
		Sat L	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
Ť	Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	7		1		\checkmark		7		>	82 - 12 1		
Ň	Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [VAC 173-303-200]	all of				$\overline{}$		>	~	>			
с. С	Area is generally dry and free of accumulated water.	\mathbf{i}				>		>		$\overline{\ }$			
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]	7		7		>		7		>		>	
5.	General housekeeping is satisfactory.	>		1		>		7		>		>	
Ö	Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	$\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{$		7		$\mathbf{\mathcal{S}}$		>		>			

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Appendix A - Waste Storage Area Weekly Inspection Sheet

(4 pages total)

	Date of Inspection: 3.21.11												
ٳڛٞڟ	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.	Sat or Ur s taken b	nsat. Ite	ems w on the	ith "Unsa e last pag	at" requi	re a con s appeno	iment o lix.	n the las	st page	of this	append	×
	Inspection Item	Shipping/ Receiving & NDE/NDA	ing/ ing & VDA	AS	AS/RS	Material Preparation Area	erial ation	2404-WB	-WB	2404-WC	-wc	Outside Storage Area	ide age ea
		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]	7				<u>``</u>	1 m	7		>			
σ	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]	\mathbf{i}		1		\mathbf{i}		>		>		>	
6	Waste containers are closed and there is no evidence of leakage.	>		1		>		>		>		>	
10	10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	>		1		>		5		>		>	
-	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]	\mathbf{i}		1		~		>		>		>	

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Appendix A - Waste Storage Area Weekly Inspection Sheet

Date of Inspection: 3 ·2/ ·//											
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	Sat or Unsat. I	tems wit	th "Unse last pac	at" requir	e a com	ment o lix.	n the las	st page	of this	append	
	Shinning/	ASIBS		Material	rial	2404-WB	WB	2404-WC	-wc	Outside	ide
Inspection nem	Receiving & NDE/NDA		2	Preparation Area	ation		1			Storage Area	age
	Sat Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
 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				>		``		<u>'</u> 7		$\overline{\ }$	
LLW and TRU boxes that do not have an		>	a			7		$\overline{\ }$		•	
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]					1						
14. Evidence of contamination	>	7		\mathbf{k}				2		>	
15. Waste containers identified with an ACMP sticker	-										
are being managed in accordance with instructions	>	7		>		>		7		>	-
		•	_								
[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 Inspect	ion: 3.21.11		Time: 1235		
Inspector	Print:		Sign:	Da Da	ite:
	BRIDH	GODSIL	B- Col	3	.21.11
Inspector	Print: (11	Sign: 1/	Da	ite:
	1 Sourch	Honer	1224		-21-11
Ops Mgmt.	Print:	/ > /	Sign: N. YM		ate:
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General Comm	ients:				
	Inspection Find	ing	Correc	ctive Action	
© No sm	oking sign in	Vissing from outside / NIDA	SENT EMAIL	REQUESTING	FOBRICATION
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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet

	ment on page 2 of this appendix. Record unsatisfactory findings and corrective actio S on page 2 of this appendix. Inspection Item		s 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.	V	
4.	Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]		
5.	General housekeeping is satisfactory.	V	
6.	Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	~	<u> </u>
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.		1

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

Date of Inspe	ction: 3/2////	Time:	
Inspector	Print: Kari Steffens	Sign:	Date: 3/21/11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: SH Can-Un	Sign:	Date: 3/21/11
General Com	ments:		
NOWE			
	Inspection Finding	Correct	ive Action
NONE			

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

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	Date of Inspection:							~					
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<u> </u>	Inspection Item	Shipping/	ing/	AS	AS/RS	Mat	Material	2404	2404-WB	2404	2404-WC	Outside	side
	-	Receiving & NDE/NDA	ing & NDA			Prepa Ar	Preparation Area					Storage Area	age ea
		Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
	 Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration. 	X		1		4		\checkmark		X			
2	Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnei Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	7				7		\sim		\times			
т.	. Area is generally dry and free of accumulated water.	X		7		-f		×		\star			
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]	7		>		÷		7				\times	
5. I	General housekeeping is satisfactory.	X		7		+		*		1		×	
Ö	 Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard. 	4		/	<u> </u>	+		+		+			

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Appendix A - Waste Storage Area Weekly Inspection Sheet

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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	t Sat Unsat	at 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]	×		7	*	\succ	
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]	7	7	\times	+	*	×
 Waste containers are closed and there is no evidence of leakage. 	X	Ś	7	+-	4	\times
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	×	2	×	4-	4	×
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.			7			
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]	7	5	-4	1		\times

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Appendix A - Waste Storage Area Weekly Inspection Sheet

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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.	at or Un taken b	sat. Ite y DOS	ems wi	th "Uns last pa	at" requige of thi	ire a con is appen	nment o dix.	n the la	st page	of this	append	.×.
Inspection Item	Shipping/	/gu	ASI	AS/RS	Mat	Material	2404	2404-WB	2404-WC	-WC	Outside	side
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	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
13. Unvented containers discovered that require									.,			
is required. Examples include: Legacy LLW (prior					_		7					
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LLW and TRU boxes that do not have an	~				K.				\checkmark		×	
established vent path or contain a multi-piece	~				•				-		`	
gasket, been released for unrestrictive movement			1									
and processing, and subsequently been			7									
determined to be unvented.) [TSR AC 5.7.8]					Ì		4		4			
14. Evidence of contamination	\star		1		*		7		~		×	_
15. Waste containers identified with an ACMP sticker	7				-		7		5			
are being managed in accordance with instructions	4		7		£		*		~		7	
provided on the "Immediate Actions Taken" line of											4	
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

Date of Inspec	ction:	Time:	
Inspector ASRS only	Print:	Sign:	Date:
ASRS only	LRLAMPMAN	M. JampmAN	#-5-11
Inspector	Print:	Sign:	Date:
	Chester Butler	Chestin with	4-4-11
Ops Mgmt.	Print: David W. Messinger	sign: 1 ave W Messinge	Date: 4-5-11
General Com	ments:		
·		0	
	Inspection Finding	Corrective Acti	on

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

Dat	te of Inspection: <u>4/5/11</u>		
con	each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" nment on page 2 of this appendix. Record unsatisfactory findings and corrective actio S on page 2 of this appendix.		
	Inspection Item	Proces	s 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

Date of Inspec	ction: 4/5/11	Time: 9:05 AM	
Inspector	Print:	Sign:	Date:
	Robert TAchell .	1.50	4/5/11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: STEVES BOANTEN	Sign:	Date: 4/5/11
General Com			
	Inspection Finding	Corrective Acti	on
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	Inspection Item	Shipping/	oing/	AS	AS/RS	Mat	Material	2404	2404-WB	2404	2404-WC	Outside	side
		Receiv NDE/	Receiving & NDE/NDA			Prep: A	Preparation Area					Storage Area	age ea
		Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
ر :	Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	>		7		\sum		7		>			
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	Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [WAC 173-303-200]	7		L'ANT ANT		\geq		7		7			
ю.	Area is generally dry and free of accumulated water.	>		7		7		7		7			For ello Altan Altan Altan
4.	Accumulations of any transient combustible waste material outside SHALL be separated from waste			i									
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Inspection Item	Shipping/ Receiving & NDE/NDA	AS/RS	Material Preparation Area	2404-WB	2404-WC	Outside Storage Area	de ge
	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			2 -				
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9. Waste containers are closed and there is no evidence of leakage.	<u>``</u>	`	. >	> >	. >	>	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	7	. >	7		. >	7	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.			>				
 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] ITSR AC 5.7.81 		<u> </u>	>	7	>	\geq	

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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 (prior 1LW and TRU boxes that do not have an established vent path or contain a multi-piece gaskt, been related or unrestrictive movement and processing, and subsequently been determined to be unvented.) [TSR AC 5.7.3] 14. Evidence of containers identified with an ACMP sticker are being managed in accordance with instructions provided on the "Immediate Actions Taken" line of SWITS form SWIRS form SWIRS form SWIRS form SX139-b&c]		Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
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 SWITS form SWIR361 attached to the drum. [TSR AC 5.7.3] ITSR AC 5.7.9-b&c]	13. Unvented containers discovered that require												
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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 SWITS form SWIR361 attached to the drum. [TSR AC 5.7.9] [TSR AC 5.7.9-b&c]	is required. Examples include: Legacy LLW (prior												
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 SWITS form SWIR361 attached to the drum. ITSR AC 5.7.3 [TSR AC 5.7.3-b&c]	to 9/1/88) drums and all TRU drums, or Legacy												
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are being managed in accordance with instructions provided on the "Immediate Actions Taken" line of SWITS form SWIR361 attached to the drum. [TSR AC 5.7.3] [TSR AC 5.7.9-b&c]	15. Waste containers identified with an ACMP sticker												
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]	are being managed in accordance with instructions												
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[TSR AC 5.7.8] [TSR AC 5.7.9-b&c]								1					_
	[TSR AC 5.7.8] [TSR AC 5.7.9-b&c]	7		7		7		7		7		7	

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Waste Surveillance

Published Date: 03/30/11

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Appendix A - Waste Storage Area Weekly Inspection Sheet

Date of Inspe	ction: 04/11/11	Time: 1932
Inspector	Print:	Sign: Date:
	Frank Fernandez	LCL Koylilli
Inspector	Print:	Sign: () Date:
Ops Mgmt.	Print: David W. Messinger	Sign: Date: 4-13-11
General Com	ments:	
		:
	Inspection Finding	Corrective Action

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Waste Surveillance

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

(2 pages total)

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Da	te of Inspection:			
cor	each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" nment on page 2 of this appendix. Record unsatisfactory findings and corrective actio S on page 2 of this appendix.			
	Inspection Item	Proces	s Area	
		Sat	Unsat	
1.	Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	$\overline{\mathcal{V}}$		
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]	\checkmark		
3.	[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]	V		
5.	General housekeeping is satisfactory.	\sim		
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]	\checkmark		
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]	Ŷ		
9.	Waste containers are closed and there is no evidence of leakage.	\mathbf{i}		
10.	Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	\checkmark		
11.	Containers designated for accumulating waste have a complete and updated container inventory attached or available.	\checkmark		

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Waste Surveillance

Published Date: 03/30/11

Effective Date: 03/30/11

4	(2 pa	ges total)	
Date of Inspe		Time: 120()	
Inspector	Print:	Sign:	Date: / /
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Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LN Sotton	Sign: M.Do	Date: 1//2/11
General Corr			<u>I</u>
	Inspection Finding	Corrective Act	ion
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Waste Surveillance

Published Date: 03/30/11

Effective Date: 03/30/11

Appendix A - Waste Storage Area Weekly Inspection Sheet

D	Date of Inspection: 7/19/11		-										
щщ	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.	Sat or Un s taken b	y DOS	ems wi	ith "Uns e last pa	at" requ	lire a con is appen	nment o dix.	in the la	ist page	e of this	append	×
	Inspection Item	Shipping/	lng/	AS	AS/RS	Mat	Material	2404	2404-WB	2404	2404-WC	Outside	ide
		Receiving & NDE/NDA	ng & IDA		-	Prepa	Preparation Area					Storage Area	age
		Sat 1	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
÷	Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	~		$\overline{\}$	5	\setminus		\mathbf{X}		\backslash			
i,	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]	/				\mathbf{X}		~		\mathbf{X}			
ŝ	Area is generally dry and free of accumulated water.	/		/		1		$\overline{\ }$		~			
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]	~		<		~		\mathbf{X}		\mathbf{X}			
5.	General housekeeping is satisfactory.	~		1		1		1		1		~	
6.	Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	/		5	A	$\overline{\mathbf{x}}$		1		\mathbf{X}			

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Effective Date: 03/30/11

Waste Surveillance

Published Date: 03/30/11

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

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Date of Inspection: L/ // //						
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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
 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	1	~	1	~
 Waste containers are closed and there is no evidence of leakage. 	/	NA	1	~	\mathbf{i}	7
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	/	2 12	(~	5	~
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.			<u>\</u>			
 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] 	<u> </u>	2	1	~	~	~

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Waste Surveillance

Published Date: 03/30/11

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Appendix A - Waste Storage Area Weekly Inspection Sheet

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Inspection Item	Shipping/ Receiving & NDF/NDA	ng/ ng &	AS	AS/RS	Mat Prepa	Material Preparation Area	2404	2404-WB	2404	2404-WC	Stor Stor	Outside Storage Area
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
13. Unvented containers discovered that require venting												
is required. Examples include: Legacy LLW (prior to 0/1/88) drives and all TRII drives or I errory							N		1	_	\mathbf{n}	
LLW and TRU boxes that do not have an									,			
established vent path or contain a multi-piece			10	Ś								
gasket, been released for unrestrictive movement			2	7								
and processing, and subsequently been		_	_									
14. Evidence of contamination				8	K		/					
15. Waste containers identified with an ACMP sticker			Ŗ								`	
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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Waste Surveillance

Published Date: 03/30/11

Effective Date: 03/30/11

Appendix A - Waste Storage Area Weekly Inspection Sheet

Date of Inspect	ion:	Time:	-
Inspector	Print:	Şign:	Date:
	Chester Butter (hit Buth	4-19-11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print:	Sign) I Gaa	Date:
	David W. Messinger (1 and W Mensings	4-19-11
General Comm	ents:		
	Inspection Finding	Corrective Action	

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Published Date: 03/30/11

Effective Date: 03/30/11

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

Dat	e of Inspection:		
con	each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" ment on page 2 of this appendix. Record unsatisfactory findings and corrective actio S on page 2 of this appendix.	require a ns taken	a by
	Inspection Item	Proces	s 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]	V	
3.	V		
4.	Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]	V	r
5.	General housekeeping is satisfactory.	V	r
6.	Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	V	
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]	V	
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]	V	
9.	Waste containers are closed and there is no evidence of leakage.	V,	
10.	Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	V	
11.	Containers designated for accumulating waste have a complete and updated container inventory attached or available.	V	

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

Date of Inspect	ion: 灯/20/11	Time:	
Inspector	Print: DAVID Sown	Sign:	Date: 4-20-11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LN Sctton	Sign: M Da	Date; 4/20/11
General Comm	ients:		
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	hannation Finding	Corrective Action	
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Appendix A - Waste Storage Area Weekly Inspection Sheet

D	Date of Inspection: $\frac{\sqrt{-2}L - 1}{2}$												
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	Inspection Item	Shipping/ Receiving &	ing/ ing &	AS	AS/RS	Mato Prepa	Material Preparation	2404-W	2404-WB SEE COMMENTS 2,3	2404	2404-WC	Outside Storage	side age
		Sat	Unsat	Sat	Unsat	Sat	Unsat	≜∻ Sat	Asim 5-2-11 It Unsat	Sat	Unsat	Sat	Unsat
<i>-</i>	Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	2		\geq	4-	2		N	4	\geq	-		
5	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]	7				7				>	-		
З.	Area is generally dry and free of accumulated water.	7				7				>			
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]	7				7			19 (19) (19	7		> `	
5.	General housekeeping is satisfactory.	7				>				>		>	
9.	Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	7		1	->	7			\rightarrow	7			

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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.	Sat or Unsat.	Items with "Uns	at" require a co	mment on the la	ist page of this	appendix.
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Inspection Item	Shipping/	AS/RS	Material	2404-WB	2404-WC	Outside
	Receiving & NDE/NDA		Preparation Area	SEE COMMENTS		Storage Area
	Sat Unsat	: Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
 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	>	
 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	>		7	>
 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.			>	in the second se		
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]			<u> </u>	>	>	>

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Waste Surveillance

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Appendix A - Waste Storage Area Weekly Inspection Sheet

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Sat Unsat Unsat		NDE/	NDA			Ϋ́.	ea	2.3	R 5.2.11			Ā	ea
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 (prior to 9/1/88) drums and all TRU drums, or Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW (prior to 9/1/88) drums and all TRU drums, or Legacy LLW (prior to processing, and subsequently been determined to not have an determined to not have an determined to not unrestrictive movement and determined to not unrestrictive movement are being managed in accordance with instructions are being managed in accordance with instructions are being managed in accordance with instructions with S form SWITS		Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
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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.	gasket, been released for unrestrictive movement												
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14. Evidence of contamination 14. Evidence of contamination 15. Waste containers identified with an ACMP sticker 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. 16. Waste containers identified with an ACMP sticker TISR AC 5.7.9-b&cl 11 17	determined to be unvented.) [TSR AC 5.7.8]					1				ĺ			
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.	14. Evidence of contamination	7				7				>		>	
are being managed in accordance with instructions provided on the "Immediate Actions Taken" line of SWITS form SWIR361 attached to the drum.	15. Waste containers identified with an ACMP sticker											•	
provided on the "Immediate Actions Taken" line of V SWITS form SWIR361 attached to the drum.	are being managed in accordance with instructions					1				/		~	
SWITS form SWIR361 attached to the drum.	provided on the "Immediate Actions Taken" line of	7				>		·		>		>	
	SWITS form SWIR361 attached to the drum.	_						7					
	TTSR AC 5.7.81 [TSR AC 5.7.9-b&c]				>			*					

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Waste Surveillance

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Appendix A - Waste Storage Area Weekly Inspection Sheet

Date of Inspe	ction: 2/26/11	Time:	
Inspector	Print: MATT CORCONAN	Sign: And	Date: 4-26-11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: David W. Messinger	Sign AW surve	Date:
General Com) ASRS IS EMPTY		`
2) 2404-WB 15 ON REST	ructed Access Dive To	HIGH CONTAMNATIO
	LIQUID ON DRUM, PAIL DANGEROUS WASTE CONTR	0062283) WITH VISIBLE ET AND FLOOR. THIS DR AINOR. A RECOVERY PLA EMENTATION. ASM 5/2/	NIS CHAR
	Inspection Finding	Corrective A	Action

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Published Date: 03/30/11

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

(2 pages total)

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Dat	e of Inspection: 4 2. 4		
con	each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" ment on page 2 of this appendix. Record unsatisfactory findings and corrective action S on page 2 of this appendix.	require ans taken	a by
	Inspection Item	Proces	ss 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]	Y	
3.	Area is generally dry and free of accumulated water.	R	
4.	Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]	X	
5.	General housekeeping is satisfactory.	$\boldsymbol{\mathbf{x}}$	
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]	r	
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.	7	
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.	\checkmark	

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

Date of Inspe	ction: $\frac{4}{26}/1$	Time: 320	
Inspector	Print: Robert Cox	Sign:	Date: 4/26/11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: IN Setton	Sign: MDD	Date: 4/26/11
	Inspection Finding	Correcti	ve Action
	Inspection Finding	Correcti	ve Action
	Inspection Finding	Correcti	ve Action
	Inspection Finding	Correcti	ve Action
	Inspection Finding	Correcti	ve Action
	Inspection Finding	Correcti	ve Action
	Inspection Finding	Correcti	ve Action

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Appendix A - Waste Storage Area Weekly Inspection Sheet

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			カリシュ ーノ	ין דעשיט ויטומי	(1)								
Ď	Date of Inspection: 2-1-1												
щЩ	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.	sat or Ur taken b	nsat. It y DOS	ems w on the	ith "Uns e last pa	sat" requige of th	lire a con is appen	nment o dix.	on the la	st page	e of this	append	ix.
	Inspection Item	Shipping/	ing/	AS	AS/RS	Mat	Material	2404	2404-WB	2404	2404-WC	Outside	side
		Receiving & NDE/NDA	ing & VDA			Prepa	Preparation Area					Storage Area	age ea
		Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
<u>-</u>	Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	1		X		/		>	1	~			
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]	\mathbf{i}								1			
ю.	Area is generally dry and free of accumulated water.			X		1		~	2	>			
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 tt). [TSR AC 5.7.1.c]	> `		\times	-	/ /		1		1		/	
ы́.	General housekeeping is satisfactory.			X		>		`~		~		<	
Ö	Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.			X	φ.	\mathbf{i}		1		1			

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Appendix A - Waste Storage Area Weekly Inspection Sheet

Date of Inspection: 2/01/11						
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.	Sat or Unsat. I s taken by DOS	tems with "Uns s on the last pa	at" require a co ge of this appe	mment on the la ndix.	ist 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
 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] 		1 <u>1-77-551-6-555</u> 1-77-55-55 1-77-55-55 1-77-55-55 1-77-55 1-			~	
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]		7				
 Waste containers are closed and there is no evidence of leakage. 	1	<u>}</u>		1	1	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.)		>	1	
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]	<u> </u>	5		>	~	

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Appendix A - Waste Storage Area Weekly Inspection Sheet

(4 pages total)

Date of Inspection: $\frac{2}{\sqrt{\omega}}/\frac{1}{1}$											
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.	Sat or Unsat. s taken by DO	Items w S on the	ith "Uns last pa	at" requi ge of thi	re a con s appen	nment o dix.	n the la	st page	of this	append	ix.
Inspection Item	Shipping/ Receiving & NDE/NDA	AS	AS/RS	Material Preparation Area	erial ration ea	2404	2404-WB	2404-WC	-wc	Outside Storage Area	side age ea
	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						1					
to 9/1/88) drums and all TRU drums, or Legacy LLVV and TRU boxes that do not have an						\mathbf{i}					
established vent path or contain a multi-piece	>										
gasket, been released for unrestrictive movement											
and processing, and subsequently been		7		``						1	
determined to be unvented.) [TSR AC 5.7.8]	/			/		1		71			
14. Evidence of contamination		7		>		K		~		>	
15. Waste containers identified with an ACMP sticker		`				~		~			
are being managed in accordance with instructions	_	7		7				>		>	
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 Inspe	ction: 2/1/11	Time:	
Inspector	Print:	Sign: Matt Blehm Sign:	Date: 2-1-1/
Inspector	Print: LRLAMPMAN Print: LN Sutton	Sign:	Date: <i>Ձ</i> - ユ - / /
Ops Mgmt.	Print: LN Sutton	Sign: MAD	Date: 2/2/11
General Com	ments:	L	
	Inspection Finding	Corrective Act	ion
		· · · ·	

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

Date of Inspection: <u>2/1</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
		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]	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]	×-	-	
5.	General housekeeping is satisfactory.	\star		
6.	Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	· 7		
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.	\times		
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

Date of Inspe	ection: 2-1-1	Time: 13,00	
Inspector	Print:	Sign:	Date:
	Baya Hayda	ma	2-1-11 13:00
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LN Sotton	Sign: MAA	Date: 2/2/11
General Com			,
	· · · ·		
	a sa	المتابعات بالمسيشد الافسيع وائد المستودقة والإشدا	·
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	· · · · · · · · · · · · · · · · · · ·	and go go an	
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Appendix A - Waste Storage Area Weekly Inspection Sheet

(4 pages total)

			(4 hay	(4 pages iolal)	al)								
õ	Date of Inspection: 2/7/ if												
щ	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.	Sat or U	nsat. It	ems wi	th "Uns:	at" requ	ire a con	ment c	in the la	st page	of this	append	. <u>×</u> .
ř	Record any unsatisfactory indings and corrective actions taken by DOS on the last page of this appendix.	laken	son ho	au uo	last pa	In in af	is append	JIX.				-	
	Inspection Item	Shipping/	bing/	AS	AS/RS	Mat	Material	2404	2404-WB	2404	2404-WC	Outside	ide
		Receiving & NDE/NDA	ing & NDA			Prepa Ar	Preparation Area					Storage Area	age ea
		Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
÷	Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	7		2		7		7		>			
2	Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [VAC 173-303-200]	7				7		7		>			
က်	Area is generally dry and free of accumulated water.	7		7		7		1		7			
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]	7.		7	4	7		2		7		7	
Ω.	General housekeeping is satisfactory.	7		7		7		7		2		7	
Ö	Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	7		7		7		7		7			

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Appendix A - Waste Storage Area Weekly Inspection Sheet

Ď	Date of Inspection: $2/3/4$											
Гщ щ	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.	sat or Unsat. taken bv D(Items OS on	with "Ur the last t	nsat" req	uire a cor nis appen	nment o dix.	on the la	st page	e of this	appendi	×
:	Inspection Item	Shipping/ Receiving & NDE/NDA	~~	AS/RS	Prep	Material Preparation Area	2404	2404-WB	2404-WC	-WC	Outside Storage Area	ide age
		Sat Unsat	at Sat	t Unsat	t 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]	>			7		7	2	7	interest en Line		
ထ်	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]	>	2.		2	E	7		7)	
<u>ю</u>	Waste containers are closed and there is no evidence of leakage.	>	<u>د</u>	~	7	2	>		7		7	
5	10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	>	د.	<u> </u>	7	U	2		2		7	
1	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] 	>			>		>		>		7	

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Appendix A - Waste Storage Area Weekly Inspection Sheet

Date of Inspection: $2/1/1$												
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.	Sat or U s taken I	nsat. Ite	ems wi on the	th "Uns? last pa	at" requi	re a com s appene	iment o Jix.	n the la	st page	of this :	append	.×
Inspection Item	Shipping/	oina/	ASIRS	RS	Material	erial	2404-WB	-WB	2404-WC	-wc	Outside	ide
	Receiving & NDE/NDA	ing & NDA			Preparation Area	ration ea					Storage Area	age ea
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
 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] 	>		7		>		>		>		7	
14. Evidence of contamination			7		$\mathbf{>}$		2		>		7	
 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] 	$\mathbf{\Sigma}$		7		>		>		>		7	

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Appendix A - Waste Storage Area Weekly Inspection Sheet

Date of Inspect					
	ion:		Time:		
nspector	Print: Chester B	etter (Sign: hetite	Alen	Date: 2-7-11
nspector	Print:		Sign:	~	Date:
Ops Mgmt.	Print: DAVID W Mu ients:	361N6821	Sign:)	eringer	Date: 2-8:-11
General Comm	ients:				
	Inspection Finding		c	orrective Actio	n
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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet

	e of Inspection:		
com	each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" iment on page 2 of this appendix. Record unsatisfactory findings and corrective action S on page 2 of this appendix.	require a ns taken	a by
	Inspection Item	Proces	s Area
		Sat	Unsat
1.	Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	V	
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]	1	
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.	i	
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.	V	[

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		,	
Date of Inspe	ection: 2011/8/02	Time: 1000	
Inspector	Print: Rari Steffens	Sign:	Date: 2/8/11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LN Suttan	Sign: An Ac	Date: 2/8/(1
General Corr			
	Inspection Finding	Corrective Act	ion
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	Date of Inspection:			1	e-14		1. 1.						
LIT CC	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.	Sat or Unsat taken by D	. Item OS or	ns wit	h "Uns last pa	at" requ ge of th	ire a con is appen	nment o dix.	on the la	st page	e of this	appenc	lix.
1	Inspection Item	Shipping/ Receiving &	_ 0ð	AS/RS	RS	Mat Prepa	Material Preparation	2404	2404-WB	2404	2404-WC	Stor Stor Ar	Outside Storage Area
		Sat Unsat	it -	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
I	 Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration. 	3		N		1		1	е — В = Е	7			
101	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]	7	The second			2	51.52 II 1905	L	S - S	7			
с. С		7	7		1	and the second s		A		7			
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]	7	<u>`````````````````````````````````````</u>			>		>		7	52	7	
5.	. General housekeeping is satisfactory.	>	a di G	3		2		>	1 (j)	7		7	
0	 Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard. 	<u>Z</u>	n v f v v v v v v v v v v v v v v v v v v	7	a di si a di si pani si	>		>		7			

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Date of Inspection:											
n area, m factory fi	Sat or Unsa s taken by E	t. Iten DOS o	ns with "Un n the last p	sat" requage of th	ire a con is appen	nment o dix.	n the la	st page	of this	appendi	×.
Inspection Item	Shipping/ Receiving & NDE/NDA	- ~ ~	AS/RS	Mat Prepa	Material Preparation Area	2404-WB	-WB	2404-WC	-wc	Outside Storage Area	ide age ea
	Sat Unsat	-	Sat Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
 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] 	2				(کې ژ.		7			
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]	2	1 1 1	2		2	>		7)	
 Waste containers are closed and there is no evidence of leakage. 	7		~	1	-	2	4 4 5 1 1	7		Υ	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	>	a yan yan ya camana		1	* 	>		7		7	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.	vialenti (17	9 M		N.				A Contraction of the second seco			
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]	>			Ň		>		>)	

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	Waste Surveillance	sillance			Eff	Effective Date:	te: 11/08/2010	010
Appendix A - Waste S	torage Area	a Weekly	A - Waste Storage Area Weekly Inspection Sheet	Sheet				
	(4 paĝes total)	tal)						
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.	Insat. Items v	vith "Unse	at" require a co	mment on	the last	page of thi	s appendix.	
Inspection Item Receiving & Receiving & Receiving & NDE/NDA	oing/ AS	AS/RS	Area Area	2404-WB	NB	2404-WC	Outside Storage Area	
Sat	Unsat Sat	Unsat	Sat Unsat	Sat	Unsat	Sat Unsat	Sat Unsat	sat
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]			i i i i i i i i i i i i i i i i i i i				۲	
Evidence of contamination			1	>		7	7	
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. TTSR AC 5.7.8] [TSR AC 5.7.9-b&c]	>					7	7	
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Published Date: 11/08/2010

Effective Date: 11/08/2010

Appendix A - Waste Storage Area Weekly Inspection Sheet

Date of Inspect	ion: 2.14.11	Time: 2130	
Inspector	Print:	Sign:	Date:
	Tim Breshears	Tim Brestores	2.14.11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: David W. Messinger	Sign Willessinger	Date: 2-15-11
General Comm	ents:		
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		where Automatic and Automatic Property of the second structure of the secon	
	and a second br>Second second	a dina dia mandritra dia m Mandri dia mandri dia m Mandri dia mandri dia ma	
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Inspection Finding	Corrective Action

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

Dat	e of Inspection:		
con	each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" nment on page 2 of this appendix. Record unsatisfactory findings and corrective actio S on page 2 of this appendix.	require a ns taken	a by
	Inspection Item	Proces	s Area
		Sat	Unsat
1.	Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	<u>\</u>	
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 pag	es total)	
Date of Inspec	tion: 2/16 / 1	Time: 0936	
Inspector	Print: Tim Callaway	Sign: Callend	Date: 2/16/11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LN Sutton	sign: MAR	Date: 2/16/11
General Comr	nents:		
	Inspection Finding	Corrective Action	
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Appendix A - Waste Storage Area Weekly Inspection Sheet

(4 pages total)

Da	Date of Inspection: 2-23-11												
L C B	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.	sat or L taken	by DOS	ems w	ith "Uns e last pa	at" requ ge of th	ire a con is appen	nment c dix.	in the la	st page	of this	append	×
2	Inspection Item	Shipping/ Receiving	Shipping/ Receiving &	AS	AS/RS	Mat Prepa	Material Preparation	2404	2404-WB	2404-WC	-WC	Outside Storage	age
		NDE	NDE/NDA	Sat	Incat	Sat	Area	Sat	Unsat	Sat	Unsat	Sat UI	Unsat
, `	Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	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]	+	#- SZ-			*		\sim		\prec			
က်	Area is generally dry and free of accumulated water.	4	NX XX	\star	20	*		\prec		\prec			
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]	*	t	\star		*		X		Y		×	
5	General housekeeping is satisfactory.	+	¥	K		*		+		+		4	
9.	Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	+	-*	*		4		×		+			

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Appendix A - Waste Storage Area Weekly Inspection Sheet

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.	Sat or Unsat. taken by DC	Items with "U S on the last	nsat" require a	a commo	ient on the c.	last pa	ge of this	appendiy	
Inspection Item	Shipping/ Receiving & NDE/NDA	AS/RS	Material Preparation Area	u	2404-WB	24(2404-WC	Outside Storage Area	de ge
	Sat Unsat	t Sat Unsat	Sat	Unsat	Sat Unsat	at Sat	Unsat	Sat	Unsat
 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] 	×		×.	a da an	7-	7			
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]	se-ex	×	*		-4-	7		\prec	
 Waste containers are closed and there is no evidence of leakage. 	X	×	X		+	*		+	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	XX	×	\prec		*	*		+	
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]	*	×	*	N DE DAME A DE DE SU DE	an france.	+		4	

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Appendix A - Waste Storage Area Weekly Inspection Sheet

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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.	Sat or Uns taken hv	at. Itel DOS o	ms wit	h "Unse last pac	at" requir	e a con appene	iment o dix.	n the la	st page	of this	append	х.
Inspection Item	Shipping/ Receiving & NDE/NDA	^g g ^g ∀	AS/RS	ss	Material Preparation Area	rial ation	2404-WB	-WB	2404-WC	, NC	Outside Storage Area	Outside Storage Area
	Sat U	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]	4		×		\checkmark		×		*		×	
14. Evidence of contamination	7				×		*		*		\times	
 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. TISR AC 5.7.3] TTSR AC 5.7.9-b&c] 	4		K		*		-		4		+	

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

Date of Inspe	ection:	Time:	
Inspector	Print:	Sign:	Date:
	CHEATER BUTLER	Chietiperthy	2-23-11
Inspector	Print:	Sign:	Date:
	LRLAMPMAN	All fampmon	2-25-11
Ops Mgmt.	Print: LRCAMPMAN Print: -N Sutten	Sign: Mac	Date: 2/24/11
General Con	iments:		
		A	
	Inspection Finding	Corrective Actie	on

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

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Appendix A - Waste Storage Area Weekly Inspection Sheet

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Da	Date of Inspection: <u>の 3 / 0 2 / 1 /</u>												
цц	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.	at or Unse	at. Ite	ims wi	th "Uns	at" requ	ire a con	nment o	in the la	st page	of this	append	ix.
х Ш	Record any unsatistactory findings and corrective actions taken by DOS on the last page of this appendux.	taken by I	200		idst pa	in in afi	is append	UIA.			and the second se		
	Inspection Item	Shipping/	g/	ASI	AS/RS	Mat	Material	2404	2404-WB	2404-WC	-WC	Outs	Outside
		Receiving & NDE/NDA	A &			Prepa Ar	Preparation Area					Storage Area	age ea
		Sat Un	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
<i>⊷</i> .	Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	1		1		1		\checkmark		7			
5	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]					7	= 5.) -	<pre>/</pre>		2	15		
ы.	Area is generally dry and free of accumulated water.	7		>		$\overline{}$		7		2			
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]	7		1		$\overline{}$		$\overline{}$		7		1	
<u>ى</u>	General housekeeping is satisfactory.	7		4		~		>		7		>	
Ö	Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	~		~		$\overline{}$				7	5		

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Appendix A - Waste Storage Area Weekly Inspection Sheet

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.	Sat or Unsat. Is taken by DOS	Items with "Uns S on the last pa	at" require a c ige of this appe	omment on the endix.	e last pag	je of this	appendi	÷
Inspection Item	Shipping/ Receiving & NDE/NDA	AS/RS	Material Preparation Area	2404-WB		2404-WC	Outside Storage Area	de ge
	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	at Sat	Unsat	Sat	Unsat
 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] 	~		· /	~	7	л. 1-е — н 		
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]	7	<u>}</u>		>	7		>	
 Waste containers are closed and there is no evidence of leakage. 	7	North North New York	/	>	7		2	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	j	>	7	>	7		7	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.			\sim					
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]	~	>	<u> </u>	~	7		>	

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Appendix A - Waste Storage Area Weekly Inspection Sheet

Date of Inspection: $\sqrt{3-C^2 - l/}$												
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.	Sat or Un: taken by	sat. Ite / DOS	ems wi	th "Uns: last pa	at" requi ge of thi	ire a con s appen	dix.	on the la	st page	of this	append	ix.
Inspection Item	Shipping/ Receiving & NDE/NDA	ng/ ng & DA	AS/RS	RS	Material Preparation Area	Material eparation Area	2404	2404-WB	2404-WC	-WC	Outside Storage Area	eide age ea
	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]	>		>		\rightarrow		$\overline{}$		~		>	
14. Evidence of contamination	/		4	× -	>		~		7		>	
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]									7		>	

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Date of Inspect	tion: 03/02/11	Time:	1500	
Inspector	Print:	Sign:	17	Date:
	Russell walterman		<u>n</u>	03/02/11
Inspector	Print:	Sign:		Date:
	Danjel Andrews	1 20	mil Mele	03-02-11
Ops Mgmt.	Print: LN Sutten	Sign:	M. De	Date: 3/3/11
General Comn	DAVID W MESSINGER	(the	Messinge	3-4-11
	Inspection Finding		Corrective Action	1
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Appendix B - Waste Storage (Process Area) Weekly Inspection Sheet

Dat	e of Inspection:		<u> </u>
con	each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" ment on page 2 of this appendix. Record unsatisfactory findings and corrective actio S on page 2 of this appendix.		
	Inspection Item	Proces	s Area
		Sat	Unsat
1.	Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	V	
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]	V	
3.	Area is generally dry and free of accumulated water.	V	
4.	Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]	\checkmark	
5.	General housekeeping is satisfactory.	\checkmark	
6.	Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.		\bigcirc
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]	V	
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]	V	
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.	\checkmark	
11.	Containers designated for accumulating waste have a complete and updated container inventory attached or available.	\checkmark	

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

Date of Inspect	ion: 3/2/11	Time: ILIS	
Inspector	Print: T.m Callaway	Sign:	Date: 3/2/11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LN Sutten	Sign: MA DA-	Date:, 3/3/11
General Comm	ents:		
	Inspection Finding	Corrective Action	1
	# CUSTI 30 Needs	Investigation path.	Forward
OTher M	For computionity with Onums on the	with ECO, New	ods
Carouse	L.	to exit PA au	nd
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Re P	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.	Sat or Unsat. taken by DC	Items w OS on the	vith "Uns e last pa	at" requ	ire a con s appene	nment o dix.	n the la	st page	e of this	append	ix.
	Inspection Item	Shipping/	AS	AS/RS	Mat	Material	2404	2404-WB	2404	2404-WC	Outside	side
		Receiving & NDE/NDA	~*		Prepa Ar	Preparation Area					Storage Area	age ea
		Sat Unsat	it Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
, .	 Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration. 	/	7	\	1		7	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]	1			>`		7		>			
က်	Area is generally dry and free of accumulated water.	A. A.	7	\	>	,	7		>			
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]	>	7	{	>	5	7		7	、 、	7	
5.	General housekeeping is satisfactory.	>	7		>	~	7		>		7	
.9	Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	>	Ĭ		>		7		7		aline Der He Herrichten He	

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Appendix A - Waste Storage Area Weekly Inspection Sheet

Date of Inspection: 3 - 7 - 11 A SRS			10				
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.	Sat or Unsat. Is taken by DO	Items with "Uns S on the last pa	at" require a col ge of this apper	nment on the la dix.	ist page of thi	is appendix.	
Inspection Item	Shipping/	AS/RS	Material	2404-WB	2404-WC	Outside	e
	Receiving & NDE/NDA		Preparation Area			Storage Area	a
	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				>			
101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]	- 12 - 12 - 12)		>		
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]	>	2		- North Contraction of the contr	7	7	
 Waste containers are closed and there is no evidence of leakage. 	7	/	\sum	2	7	7	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	>	6	1	5	2	7	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.			$\overline{)}$				
12. Damaged or corroded (degraded) containers. (waste containers that are contaminated or cannot be handled, moved, or disposed of without the		7	2	/	1	7	
spread of contamination.) [TSR SAC 5.6.4.e] [TSR AC 5.7.8]							

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Inspection Item	Shipping/		AS/RS	X	Material	2404-WB	-WB	2404-WC	-wc	Out	Outside
	Receiving & NDE/NDA	<u>مع</u>		Prel	Preparation Area					Storag Area	Storage Area
	Sat Unsat	at Sat	at Unsat	at 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]		`		>						7	
14. Evidence of contamination	>	9		>		1		>		7	
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.				>		>				7	

[TSR AC 5.7.8] [TSR AC 5.7.9-b&c]

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Appendix A - Waste Storage Area Weekly Inspection Sheet

Date of Inspec	tion:	Time: 1030	
Inspector	Print:	Sign:	Date:
ASRS	LRLAMPMAN	Kampman	3-7-11
Inspector	Print:	Sign:	Date:
	Caniel Andrews	Canal Au	3-10-11
Ops Mgmt.	CR.LAMPINAN Print: Print: LN SATON	Sign:	Date: 3/10/11
General Comm			
r t			
	Inspection Finding	Corrective Action	
ļ			

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Waste Surveillance

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

Dat	te of Inspection: 3-5-1(
con	each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" nment on page 2 of this appendix. Record unsatisfactory findings and corrective actio S on page 2 of this appendix.		
	Inspection Item	Proce	ss 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]	¥	
5.	General housekeeping is satisfactory.	Ý	
6.	Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	Ý	
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]	Ý	
9.	Waste containers are closed and there is no evidence of leakage.	K	
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.	Ķ	

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

Date of Inspe	ction: 3 -8 - 1(Time: 1020	
Inspector	Print:	Sign:	Date:
	B.Hayda	Sign:	3-8-11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LV Sotten	Sign: MAD	Date: 3/8/11
General Com	ments:		
	Inspection Finding	Correctiv	re Action
	Inspection Finding	Correctiv	re Action
	Inspection Finding	Correctiv	re Action
-	Inspection Finding	Correctiv	e Action
· · · · · · · · · · · · · · · · · · ·	Inspection Finding	Correctiv	re Action
	Inspection Finding	Correctiv	re Action
-	Inspection Finding	Correctiv	re Action
	Inspection Finding	Correctiv	re Action
	Inspection Finding	Correctiv	/e Action
	Inspection Finding	Correctiv	re Action
	Inspection Finding		re Action

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Appendix A - Waste Storage Area Weekly Inspection Sheet

(4 pages total)

ũ	Date of Inspection: 3-14-1/											
йď	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.	Sat or Unsat. s taken by DC	Items v OS on th	vith "Uns e last pa	at" requi	ire a con s appen	iment o dix.	n the las	st page	of this	appendi	×
	Inspection Item	Shipping/ Receiving & NDE/NDA	na ang ang ang ang ang ang ang ang ang a	AS/RS	Material Preparation Area	aterial paration Area	2404-WB	-WB	2404-WC	-wc	Outside Storage Area	ide age
		Sat Unsat	at 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]	\ \			5		Ϊ	nan asan ya mata ku na ta ku na k	\geq			
ά	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]	7	>		5		7		7		٢	
ю Ю		5	7		>		7		7		>	
1-	10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	>	7		>		λ		>		2	
÷	11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.				2							
12.	2. 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]	>	<u> </u>		>		\sim		~		>	

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Appendix A - Waste Storage Area Weekly Inspection Sheet

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.	Sat or Ur s taken b	nsat. Ite	ems wi on the	th "Uns: last pa	at" requi ge of thi	re a com s appene	iment o dix.	n the la	st page	of this	append	ix.
Inspection Item	Shipping/	ing/	ASI	AS/RS	Material	erial	2404	2404-WB	2404	2404-WC	Outs	Outside
	Receiving & NDE/NDA	ing & VDA			Preparation Area	paration Area					Storage Area	age ea
	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]	2		\ \		>		7		7		7	
14. Evidence of contamination	7		S		۲		٢		>		>	
 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] 	>		/		>		7		7		7	

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Appendix A - Waste Storage Area Weekly Inspection Sheet

		1		
Date of Inspec	tion: 3-1415-11	Time:	0044	
Inspector	Print:	Sign:		Date:
ASRS	tion: $3-14 \pm 15 - 11$ Print: LR LAMPMAN		Jampman	3-14/-11
Inspector	Print:	Sign:	· /	Date:
	Tim Bresheers	Sim	Breshers	3.14-1)
Ops Mgmt.	Print:	Sigh:	1 Fm . so	Date: 3-15-11
	David W. Messinger	Aburt	W essice	3-15-11
General Comm	nents:	-		
			l	
	Inspection Finding	_	Corrective Action	on
		I		
				<u> </u>

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Effective Date: 11/08/2010

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

(2 pages total)

Dat	e of Inspection: 3-14-11		
com	each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" ment on page 2 of this appendix. Record unsatisfactory findings and corrective actio S on page 2 of this appendix.	require ns taker	a i by
	Inspection Item	Proce	ss 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]	\star	
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]	メ	
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]	\checkmark	
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]	\star	
9.	Waste containers are closed and there is no evidence of leakage.	4	
10.	Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	\star	
11.	Containers designated for accumulating waste have a complete and updated container inventory attached or available.	\mathcal{F}	

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

Date of Inspe	ection: $3 - 14 - 11$	Time: 1/3/5	
Inspector	Print:	Sign:	Date:
	B. Hayden	72	3-14-11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: LN Sotten	Sign:	Date: 3/11/11
General Com			
		,	
	Inspection Finding	Corre	ective Action
	<u> </u>		

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Appendix A - Waste Storage Area Weekly Inspection Sheet

	Data of Incorrection: = 2 (22 / 11		-		,								
3	ale of Hispection. OSINCI II								- 1- 1-		of this	pacaac	.2
цкк	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.	Sat or U s taken I	nsat. It by DOS	ems w on the	ith "Uns e last pa	at" requ ge of th	lire a con is appen	dix.	on the la	st page		append	×
	Inspection Item	Shipping/	bing/	AS	AS/RS	Mat	Material	2404	2404-WB	2404	2404-WC	Outs	Outside
		Receiving & NDE/NDA	ving &			Prepa	Preparation Area				Gamma and an	Storage Area	age ea
		Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
	Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	1		\int		/	P 114	\geq	5 - 20	7			
N	Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [VAC 173-303-200]	~				$\overline{}$		$\overline{}$		7			
ы.	Area is generally dry and free of accumulated water.	7				\geq		7		7			
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]	7		>		$\overline{}$		$\overline{}$		7		1	
<u></u> .	General housekeeping is satisfactory.	~		12		~		7		*			
Ö	Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	$\overline{}$		7		\rightarrow		$\sum_{i=1}^{n}$		7	- 6 ¹ 2		

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Appendix A - Waste Storage Area Weekly Inspection Sheet

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.	at or Unsat taken by D	Items OS on t	with "Un the last pa	sat" requage of th	iire a con is appen	dix.	n the la	st page	of this	appendi	×
Inspection Item	Shipping/		AS/RS	Mat	Material	2404-WB	-WB	2404	2404-WC	Outside	ide
	Receiving & NDE/NDA	ంర		Prepa	Preparation Area			2		Storage Area	a
1	Sat Unsat	at Sat	t Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
 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 	1	and a second sec		\		>		7			
101, Life Safety Code. Rows of drums may be two drums wide. [SWOC FHA 1.3.1.13]							5. 	į			
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]	7	7		$\overline{}$	a	$\overline{\ }$		7		>	
 Waste containers are closed and there is no evidence of leakage. 	7	and a second	_	>				7		>	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	/	>		$\overline{}$				7		\geq	
11. Containers designated for accumulating waste have a complete and updated container inventory attached or available.				\sim							
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]	~	>		~		\sim		7		>	

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Appendix A - Waste Storage Area Weekly Inspection Sheet

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.	Sat or Ur s taken b	v DOS	ems wi	th "Unsi last pa	at" requ	ire a con is appene	iment o dix.	n the la:	st page	of this	append	,×.
Inspection Item	Shipping/ Receiving &	ing/ ing &	AS/RS	RS	Mat Prepa	Material Preparation	2404	2404-WB	2404	2404-WC	Outside Storage	side age
	NDE/NDA	P A			Ā	Area					Area	ea ea
	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat
13. Unvented containers discovered that require venting									<u> </u>			
is required. Examples include: Legacy LLW (prior					<u> </u>		-		`		~	
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.) [ISK AC 3.7.0]	,										•	
14. Evidence of contamination	>		>		$\overline{}$		7		7		>	×
15. Waste containers identified with an ACMP sticker	~						~				1	
are being managed in accordance with instructions	_		>		_				7		>	
provided on the "Immediate Actions Taken" line of	~				<u> </u>		2		7			
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

Date of Inspect	tion: 03/02/11	Time:	1500	
Inspector	Print:	Sign:	1	Date:
	Russell Walterman		H-z	03/02/11
Inspector	Print:	Sign:	1 2	Date:
	Daniel Andrews	20	mil Aver	03-02-11
Ops Mgmt.	Print: LN Sitten	Sign:	Mae	Date: 3/3/11
	DAVID W MESSINGER	- ta	Messinge	3-4-11
	Inspection Finding		Corrective Action	1

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

Dat	e of Inspection:		18
con	each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" ment on page 2 of this appendix. Record unsatisfactory findings and corrective actions on page 2 of this appendix.		
	Inspection Item	Proces	s Area
		Sat	Unsat
1.	Visible areas of containment (e.g., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	\checkmark	
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.	V	
4.	Area is free of unnecessary transient combustibles (trash, paper, etc.). [TSR AC 5.7.1.c]	\checkmark	
5.	General housekeeping is satisfactory.	\checkmark	
6.	Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.		\bigcirc
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]	V	
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]	V	
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.	\checkmark	

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

$\frac{3}{2}$	Time:	5
		Date: 3/2/11
rint:	⁷ Sign:	Date:
rint: LN Sutten	Sign: MAA	Date: 3/3/11
ts:		
Spection Finding	Cor	rective Action
-	Investmati	3 path Forward
For Computio. I. Fy Wi	the still	20, Needs
rums on the		1
<u>_1</u>	to exit	PA and
	stored of	$n \in Sp(1)$
	pallet	LNSton
	+ +	· · · · · · · · · · · · · · · · · · ·
	rint: LN SHEM ts: spection Finding LOUSSIBO NeedS For Compution. I. Tywi NUMS on the	rint: T.M. Callawy JC (rint: rint: LN Sotten ts: spection Finding Cor LOUSTIBO Need'S Frivestrati rums on the with i to exit

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Appendix A - Waste Storage Area Weekly Inspection Sheet

(4 pages total)

	Date of Inspection: 3- 7- // AS25			17					
шĸ	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.	Sat or Unsat. I taken by DOS	tems with "Uns s on the last pa	at" require a con ge of this appen	iment on the la dix.	st page of	f this a	ppendix	
	Inspection Item	Shipping/	AS/RS	Material	2404-WB	2404-WC	2 V	Outside	de
		Receiving & NDE/NDA		Preparation Area			a dhaan dhaan	Storage Area	ge
]		Sat JUnsat	Sat Unsat	Sat JUnsat	Sat Unsat	Sat Ur	Unsat	Sat L	Unsat
-	Visible areas of containment (i.e., curbing, floors, sumps) area free of cracks, gaps, or other deterioration.	>	2		7	>			
5	Areas where dangerous waste may be accumulated have "Danger - Unauthorized Personnel Keep Out" (or an equivalent legend) and "No Smoking" signs posted. [VAC 173-303-200]	1		>`	7	7			
3.	Area is generally dry and free of accumulated water.		7		7	>			
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]	/	2		2	7 /	anana an taka canadid ang	7	
5.	General housekeeping is satisfactory.	V /	7	1	7	>		>	
9.	Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.		Ź	>	7	7			

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Appendix A - Waste Storage Area Weekly Inspection Sheet

Date of Inspection: $3 - 2 - 11$ A 5/25					8	
For each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comme Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix.	Sat or Unsat. It s taken by DOS	tems with "Uns" on the last pa	ection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix. prrective actions taken by DOS on the last page of this appendix.	mment on the la Idix.	st page of this	appendix.
Inspection Item	Shipping/ Receiving & NDE/NDA	AS/RS	Material Preparation Area	2404-WB	2404-WC	Outside Storage Area
1	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
 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] 			$\sum_{i=1}^{n}$	~		
 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] 	/	~	\sum	2	7	2
 Waste containers are closed and there is no evidence of leakage. 	1	/	>	7	7	2
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	>	6	1	5	7	7
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]		<u>}</u>	2	5	<u> </u>	7

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Appendix A - Waste Storage Area Weekly Inspection Sheet

Date of Inspection: $3 - 7 - 1/1$ $45,25$												
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	sat or Unsa	t. Iter	ns wit	h "Uns	at" requ	ire a con	nment o	on the la	st page	e of this	appen	dix.
Record any unsatisfactory findings and corrective actions taken by DOS on the last page of this appendix	taken by D	OS o	n the	last pa	ge of th	is appen	dix.					
Inspection Item	Shipping/	/	AS/RS	RS	Mat	Material	2404	2404-WB	240	2404-WC	out	Outside
	Receiving & NDE/NDA	× 7			Prepa Ar	Preparation Area					Sto	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	7											
to 9/1/88) drums and all TRU drums, or Legacy											\	
LLW and TRU boxes that do not have an	2		_		2		>				7	
established vent path or contain a multi-piece			$\overline{\ }$						•			
gasket, been released for unrestrictive movement			~									
and processing, and subsequently been	~											
determined to be unvented.) [TSR AC 5.7.8]												_
14. Evidence of contamination	>		2		>		2		7		7	
15. Waste containers identified with an ACMP sticker			$\overline{}$									
are being managed in accordance with instructions					>							-
provided on the "Immediate Actions Taken" line of	?				•		>		2		7	
SWITS form SWIR361 attached to the drum.	,											
[TSR AC 5.7.8] [TSR AC 5.7.9-b&c]												

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Waste Surveillance

Published Date: 11/08/2010

Effective Date: 11/08/2010

Appendix A - Waste Storage Area Weekly Inspection Sheet

Date of Inspect	ion:	Time: 1030	
Inspector	Print:	Sign:	Date:
ASKS	LRLAMPINAN	Kampman	3-7-11
Inspector	Print:	Sign:	Date:
	Paniel Andrews	Cange auto	3-10-11
Ops Mgmt.	Print: Print: Print: Print: LN SATON	sign:	Date; 3/10/11
General Comm	ents:		
	Increation Finding		
	Inspection Finding	Corrective Action	

WRP1-SV-1706

Waste Surveillance

Published Date: 11/08/2010

Effective Date: 11/08/2010

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

Dat	e of Inspection: 3-&-/(
con	each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" nment on page 2 of this appendix. Record unsatisfactory findings and corrective actio S on page 2 of this appendix.		
	Inspection Item	Proce	ss 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]	¥	
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]	¥	
5.	General housekeeping is satisfactory.	Ý	
6.	Mixed Waste containers with a Hazardous Waste magnetic placard are stored on spill pallets in accordance with instruction on the placard.	Ý	
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]	φ	
9.	Waste containers are closed and there is no evidence of leakage.	K	
10.	Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	\times	
11.	Containers designated for accumulating waste have a complete and updated container inventory attached or available.	¥	

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Waste Surveillance

Published Date: 11/08/2010

Effective Date: 11/08/2010

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

Date of Inspe	ection: 3 -8-1(Time: 1020	
Inspector	Print:	Sign:	Date:
	B.Haydu	Marken 1	3-8-11
Inspector	Print:	Sign:	Date:
Ops Mgmt.	Print: W Sitten	Sign: AND	Date: 3/8/11
General Com	iments:	•	
			-
	Inspection Finding	Corrective A	ction

3/14/18

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WRP1-SV-1706

Waste Surveillance

Published Date: 11/08/2010

Effective Date: 11/08/2010

Appendix A - Waste Storage Area Weekly Inspection Sheet

(4 pages total)

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.	Sat or Unsat. s taken by DC	Items with "U S on the last	nsat" require a consider of this app	comment on th endix.	ie last p	age of this	appendix.	
Inspection Item	Shipping/ Receiving & NDE/NDA	AS/RS	Material Preparation Area	2404-WB		2404-WC	Outside Storage Area	
	Sat Unsat	it Sat Unsat	tt Sat Unsat	Sat	Unsat Sat	at Unsat	Sat Unsat	at
 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] 			Ņ					
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]	2	<u>`</u>	5	7	<u>د</u>		٢	
 Waste containers are closed and there is no evidence of leakage. 	5	7	>	7	<u>د.</u>		>	
10. Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	7	7	>	7	ر		2	
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]	>		>	- <u>\</u>			>	

Before each use, ensure this copy is the most current version.

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Waste Surveillance

Published Date: 11/08/2010

Effective Date: 11/08/2010

Appendix A - Waste Storage Area Weekly Inspection Sheet

3-14-11	
Date of Inspection:	

i comment on the last page of th	ipeluix.
Items with "Unsat" require a	
each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" require a comment on the last page of this appendix.	cord any unsatisfactory intuities and corrective actions taken by DOS off the last page of this appendix.

Inspection Item	Shipping/ Receiving &	ing/ ing &	AS	AS/RS	Mat	Material Preparation	2404	2404-WB	2404	2404-WC	Outs	Outside Storage
	NDE/NDA	NDA			Ā	Area					Area	ea
	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	5	1	١		>		`		7		7	
catabilation verify ball of current a main-piece	•						7					
and processing, and subsequently been												
determined to be unvented.) [TSR AC 5.7.8]												
14. Evidence of contamination	7		~		Υ		7		>		>	
15. Waste containers identified with an ACMP sticker												
are being managed in accordance with instructions					/		Ì				7	
provided on the "Immediate Actions Taken" line of	`>		7		>		7		Z		•	
SWITS form SWIR361 attached to the drum.	•								>			
[TSR AC 5.7.8] [TSR AC 5.7.9-b&c]												

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Waste Surveillance

Published Date: 11/08/2010

Effective Date: 11/08/2010

Appendix A - Waste Storage Area Weekly Inspection Sheet

Date of Inspect	ion: 3-14×15-11	Time: 0944	
Inspector	ion: 3-14 15-11 Print: <i>LR LAMPMAN</i>	Sign:	Date:
ASRS	LRLAMPMAN	The fampman	3-14-11
Inspector	Print:	Sign:	Date:
	Tim Breshears	Sun Breshers	3.14-1
Ops Mgmt.	Print:	Sigh: OLEM	Date: 3-15-11
	David W. Messinger	Abur N essica	3-15-11
General Comm	ents:		
	Inspection Finding	Corrective Actio	on
· · ·			
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Waste Surveillance

Published Date: 11/08/2010

Effective Date: 11/08/2010

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

(2 pages total)

Dat	e of Inspection: 3-14-11		
con	each inspection area, mark each inspection item as Sat or Unsat. Items with "Unsat" nment on page 2 of this appendix. Record unsatisfactory findings and corrective actio S on page 2 of this appendix.		
	Inspection Item	Proce	ss 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]	\star	
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]	メ	
5.	General housekeeping is satisfactory.	\star	
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]	\prec	
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]	\star	
9.	Waste containers are closed and there is no evidence of leakage.	4	
10.	Waste container labels are oriented toward the outside of the pallet and visible labels are legible.	\star	
11.	Containers designated for accumulating waste have a complete and updated container inventory attached or available.	7.	

Before each use, ensure this copy is the most current version.

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Waste Surveillance

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

Date of Inspection: 3-19-11		Time: 1/3/15	Time: 1/3 / 5	
Inspector	Print:	Sign	Date:	
	B. Hayden		3-14-11	
Inspector	Print:	Sign:	Date:	
Ops Mgmt.	Print:	Sign:	Date:	
	Print: LN Sotten	Sign: MAR	3/M/11	
General Com	ments:		· ·	
	Inspection Finding	Corrective Act	ion	

Enclosure II

From:Williams, Joel F JrSent:Tuesday, May 10, 2011 2:25 PMTo:Willis, Norman PCc:Mortensen, A S (Stuart); Miskho, Anthony G; Kisielnicki, Jeanne M; Clark, Cliff; Collins,
Michael; Cawrse, Allan E; Engelmann, Richard H; Dixon, Brian J; Tuott, Lee C; Flyckt, Don LSubject: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

From:	Williams, Joel F Jr
Sent:	Tuesday, May 17, 2011 1:55 PM
То:	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:	REVIÉW 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).

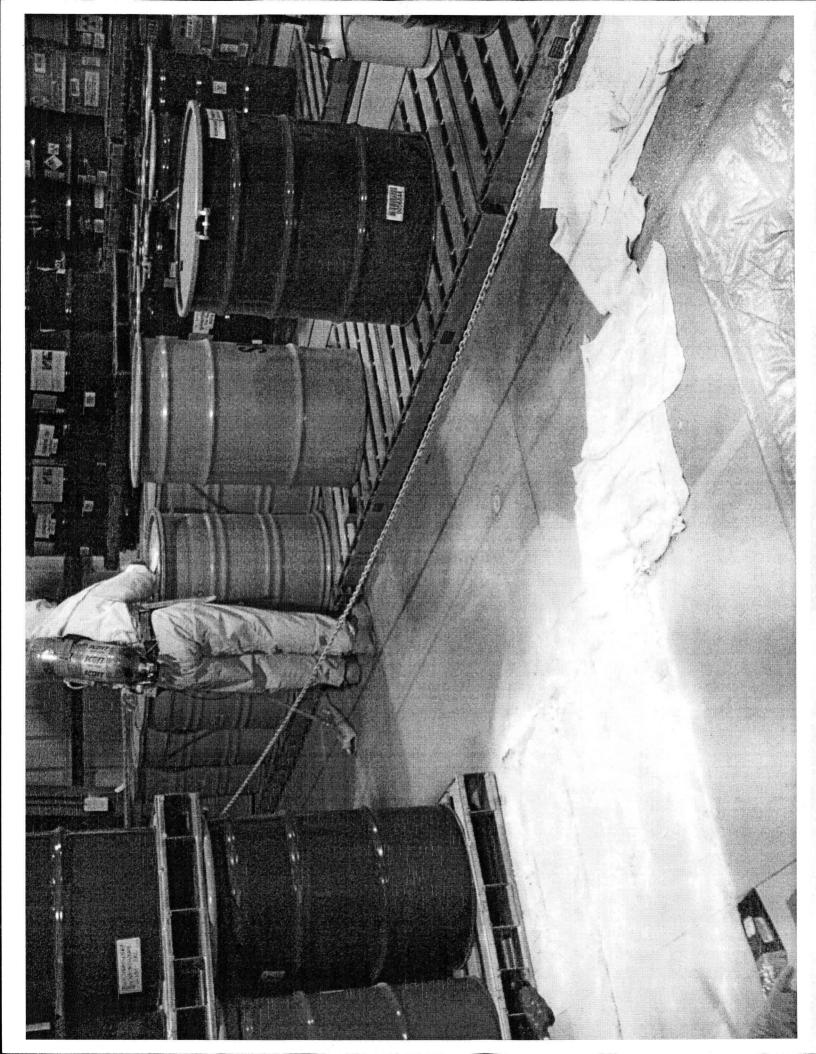
drum leak 35.jpg

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



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

Importance:

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

From: Sent:	Williams, Joel F Jr 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

From: Sent:	Blackford, Leonard T (TY) Monday, June 06, 2011 2:27 PM
То:	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.

Тγ

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.

 \sim 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.

From:	Collins, Michael
Sent:	Wednesday, June 08, 2011 1:03 PM
То:	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: <u>lee_c_tuott@rl.gov</u>

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 whe ther 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.

 \sim 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.

From:	Tuott, Lee C
Sent:	Wednesday, June 08, 2011 3:14 PM
То:	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: <u>lee_c_tuott@rl.gov</u>

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!!!

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: <u>lee_c_tuott@rl.gov</u>

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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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.

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