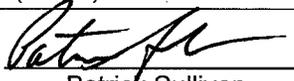


## EENS Job Risk Assessment

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<b>Name(s) of Risk Team Members:</b> Y. Celebi C. Dodge, L. Gerlach, Y. Lee L. Milian, S. Ferrone, J. Boccio, P. Carr	<b>Point Value Parameter</b> → ↓	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Job Title:</b> 90-Day Satellite Accumulation Area Manager	<b>Frequency (B)</b>	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
<b>JRA #:</b> EENS-JRA-003						
<b>Rev. #:</b> 0 <b>Date:</b> 3/25/05						
<b>Job Description:</b> Operating and maintaining 90-Day and Satellite Accumulation Areas (SAA), containing hazardous/industrial waste.	<b>Severity (C)</b>	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
<b>Training and Procedure List (Optional):</b> RCRA 90-Day Area Manager, Hazardous Waste Generator Training, Lab Standard Training, SBMS Subject Area Hazardous Waste Management, SBMS Subject Area Working with Chemicals (WWC)	<b>Likelihood (D)</b>	Extremely Unlikely	Unlikely	Possible	Probable	Multiple
<b>Approved by:</b>  Date: 8/31/06 Patrick Sullivan						
<b>Stressors (if applicable, please list all):</b> Weather conditions	<b>Reason for Revision (if applicable):</b>				<b>Comments:</b> 90D Areas controlled by Mgr; SAAs by PI. Mixed waste covered in Radioactive Waste JRA	

Job Step / Task	Hazard	Control(s)	Before Additional Controls					After Additional Controls							
			Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD
Weekly inspection of 90-Day Areas, various audits or assessments	Exposure/spill due to overcrowding	Special pick-up request, aisle way designation, Weekly Insp., Tier 1 Insp., temp area set-up	Y	1	1	2	2	4							
Weekly inspection of 90-Day Areas, various audits or assessments	Chemical injury to skin or eyes from hazardous waste	Training, MSDS, volume controls, PPE as required, locked or controlled areas, postings, labeling, proper containers, segregation, spill cleanup equipment available, Tier 1 inspections, 90-Day Area controls	Y	1	3	2	2	12							

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Job Step / Task	Hazard	Control(s)	Before Additional Controls					Control(s) Added to Reduce Risk	After Additional Controls					% Risk Reduction	
			Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D		Risk* AxBxCxD	Stressors Y/N	# of People A	Frequency B	Severity C		Likelihood D
	Poisoning from toxic hazardous waste (inhalation, skin absorption)	Training, MSDS, volume controls, PPE as required, locked or controlled areas, postings, labeling, proper containers, segregation, spill cleanup equipment available, Tier 1 inspections, 90-Day Area controls, notification to Manager of special toxic hazards and special pick-up or remote storage	Y	1	3	2	2	12							
	Container failure resulting in cuts or chemical exposure	Training, proper PPE, use of proper containers, inspection of and careful handling chemical containers	Y	1	3	2	2	12							
	Combustion or explosion of hazardous materials	Training, MSDS, volume controls, PPE as required, locked or controlled areas, postings, labeling, proper containers, segregation, spill cleanup equipment available, Tier 1 inspections, 90-Day Area controls, fire extinguisher	Y	1	3	3	2	18							
Hazardous material handling/transfer (adding or removing waste) in satellite and 90-Day Areas	Mixing incompatible chemicals	Training, , MSDS, labeling, proper containers, secondary containment, Tier 1 Insp., WWC & Haz Waste SA listings, postings, separate secondary containers.	N	1	4	2	2	16							
	Chemical injury to skin or eyes from hazardous waste	Training, MSDS, volume controls, spill cleanup equipment available, PPE as required, locked or controlled areas, postings, labeling, proper containers, segregation, Tier 1 inspections, 90-Day Area controls	N	1	4	2	2	16							

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			Before Additional Controls					After Additional Controls								
Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Hazardous material handling/transfer (adding or removing waste) in satellite and 90-day areas	Breaking container while opening, handling or during transfer, causing cuts or chemical exposure	Use of procedures, proper PPE, training, use of proper containers, secondary containment	N	1	4	2	3	24								
	Poisoning from toxic hazardous waste (inhalation, skin absorption)	Training, MSDS, volume controls, PPE as required, locked or controlled areas, postings, labeling, proper containers, segregation, spill cleanup equipment available, Tier 1 inspections, 90-Day Area controls, storing in different location	N	1	4	2	2	16								
	Combustion, fire or explosion of hazardous materials	Training, MSDS, volume controls, PPE as required, locked or controlled areas, postings, labeling, proper containers, segregation, spill cleanup equipment available, Tier 1 inspections, 90-Day Area controls, fire extinguisher	N	1	4	3	2	24								
Hazardous material handling/transfer (adding or removing waste) in satellite and 90-day areas	Overexertion injuries caused by excessive lifting, pushing, pulling, holding, carrying	Training, PPE as required, work planning (e.g. ESR/WP), appropriate tools/lifting devices such as hand trucks, assistance as appropriate	N	1	4	3	2	24								
<b>Further Description of Controls Added to Reduce Risk:</b>																
<b>*Risk:</b>	<b>0 to 20 Negligible</b>	<b>21 to 40 Acceptable</b>	<b>41 to 60 Moderate</b>					<b>61 to 80 Substantial</b>			<b>81 or greater Intolerable</b>					