

# RCRA ACADEMY AGENDA

July 20, 2004

Day One

<u>Time</u>	<u>Subject</u>	<u>Speaker</u>
<b>RCRA Orientation Training</b>		
8:30 - 10:30	Session 1: The Mission and Program <ul style="list-style-type: none"><li>• Introduction to RCRA</li><li>• RCRA's Major Subtitles</li><li>• The Regulated Community<ul style="list-style-type: none"><li>S Generators</li><li>S Transporters</li><li>S Treatment Storage and Disposal Facilities (TSDFs)</li></ul></li></ul>	Jennifer Alley
10:30 - 12:00	Session 2: RCRA-Regulated Wastes <ul style="list-style-type: none"><li>• Hazardous Waste Identification (HWID)</li><li>• Definition of Solid Waste</li><li>• Definition of Hazardous Waste</li></ul>	Tim Killian
12:00 - 1:00	Lunch Break	
1:00 - 2:00	Session 2: RCRA-Regulated Wastes (continued) <ul style="list-style-type: none"><li>• Hazardous Waste Recycling</li><li>• Used Oil</li><li>• Universal Waste</li><li>• Exclusions</li></ul>	Tim Killian
2:00 - 4:30	Session 3: Protecting Environmental Media <ul style="list-style-type: none"><li>• Groundwater Protection Strategy<ul style="list-style-type: none"><li>S Land Disposal Restrictions</li><li>S Land Disposal Units</li><li>S Groundwater Monitoring</li></ul></li><li>• Hazardous Waste Combustion</li><li>• Organic Air Emissions Standards</li></ul>	Jennifer Alley

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July 21, 2004

Day Two

<u>Time</u>	<u>Subject</u>	<u>Speaker</u>
	<b>RCRA Orientation Training (continued)</b>	
8:00 - 10:00	Session 4: How EPA Implements RCRA Subtitle C <ul style="list-style-type: none"><li>• Permitting</li><li>• Closure</li><li>• Financial Assurance</li><li>• Corrective Action</li><li>• Enforcement</li></ul>	Jennifer Alley and Tim Killian
10:00 - 12:00	Session 5: RCRA's Changing Focus <ul style="list-style-type: none"><li>• Regulatory Incentives</li><li>• 2008 Environmental Indicator Goals</li><li>• 2020 Challenge</li><li>• Resource Conservation Challenge</li><li>• Cleanup and Redevelopment</li><li>• Upcoming Rulemaking</li></ul>	Jennifer Alley
12:00 - 1:00	Lunch Break	
	<b>Hazardous Waste Identification Training</b>	
1:00 - 2:00	Session 6: Hazardous Waste Identification Introduction and Basics <ul style="list-style-type: none"><li>• EPA Authority</li><li>• Criteria for Hazardous Waste</li><li>• HWID Procedure (§262.11)</li></ul>	Tim Killian
2:00 - 4:30	Session 7: Listed Hazardous Waste <ul style="list-style-type: none"><li>• General Introduction</li><li>• F List<ul style="list-style-type: none"><li>S Spent Solvents</li><li>S Electroplating Wastes</li><li>S Dioxin-Bearing Wastes</li><li>S Chlorinated Aliphatic Hydrocarbon Production Wastes</li><li>S Wood Preserving Wastes</li><li>S Petroleum Refinery Wastewater Treatment Sludges</li><li>S Multi-source Leachate</li></ul></li><li>• K List</li><li>• P and U List</li></ul>	Jennifer Alley and Tim Killian

# RCRA ACADEMY AGENDA

July 22, 2004  
Day Three

<u>Time</u>	<u>Subject</u>	<u>Speaker</u>
<b>Hazardous Waste Identification Training (continued)</b>		
8:00 - 10:00	Session 8: Characteristic Hazardous Waste <ul style="list-style-type: none"><li>• Characteristic Determination and Testing</li><li>• Ignitability</li><li>• Corrosivity</li><li>• Reactivity</li><li>• Toxicity</li></ul>	Jennifer Alley
10:00 - 12:00	Session 9: Special Regulatory Conventions <ul style="list-style-type: none"><li>• Introduction</li><li>• Mixture Rule</li><li>• Derived-From Rule</li><li>• As-Generated Wastes</li><li>• Contained-In Policy</li><li>• Delistings</li></ul>	Tim Killian
12:00 - 1:00	Lunch Break	
<b>Permit Writer's Training</b>		
1:00 - 1:15	Session 10: Who Needs a Permit?/Regulatory Requirements <ul style="list-style-type: none"><li>• Eligibility and Exemptions</li><li>• Permit Types</li><li>• Permitting Process</li></ul>	Jennifer Alley

<u>Time</u>	<u>Subject</u>	<u>Speaker</u>
1:15 - 2:45	Session 11: Reviewing Permit Applications <ul style="list-style-type: none"> <li>• Part A Application</li> <li>• Part B Application</li> <li>• Part B Contents and Checklist</li> <li>• Waste Analysis Plan</li> <li>• Contingency Plan</li> <li>• Storage in Containers/Container Storage Areas</li> <li>• Storage in Tank Systems</li> <li>• Landfills</li> <li>• Waste Piles</li> <li>• Surface Impoundments</li> <li>• Boilers and Industrial Furnaces</li> <li>• Open Burning/Open Detonation (OB/OD) Units</li> <li>• Groundwater Monitoring Requirements</li> <li>• AA, BB, and CC Requirements</li> </ul>	Phebe Davol
2:45 - 4:00	Session 12: Drafting a RCRA Permit <ul style="list-style-type: none"> <li>• Example Permit</li> <li>• General Sections</li> <li>• Tanks</li> <li>• Landfill</li> <li>• Groundwater Detection Monitoring</li> <li>• Groundwater Compliance Monitoring</li> <li>• Corrective Action</li> <li>• Closure Care</li> <li>• Post-Closure Care</li> </ul>	Phebe Davol
4:00 - 4:30	Session 13: Organization of a Hazardous and Solid Waste Amendment Permit <ul style="list-style-type: none"> <li>• Standard Conditions</li> <li>• Corrective Action</li> </ul>	Phebe Davol

# RCRA ACADEMY AGENDA

July 23, 2004

Day Four

<u>Time</u>	<u>Subject</u>	<u>Speaker</u>
	<b>Corrective Action Training</b>	
8:00 - 8:10	Session 14: History/Introduction/Mechanisms for Implementing Corrective Action	Tim Killian
8:10 - 8:30	Session 15: RCRA Facility Assessment (RFA) <ul style="list-style-type: none"><li>• Preliminary Review</li><li>• Visual Site Inspection</li><li>• Elements of the RFA Report</li></ul>	Phebe Davol
8:30 - 9:00	Session 16: Conceptual Site Model/Environmental Indicators <ul style="list-style-type: none"><li>• History and Goals</li><li>• CA725 Basics</li><li>• CA750 Basics</li></ul>	Phebe Davol
9:00 - 10:15	Session 17: RCRA Facility Investigation (RFI) Work Plan and Report <ul style="list-style-type: none"><li>• Objectives</li><li>• Approach</li><li>• RFI Work Plan Components</li><li>• Analytical Strategies</li><li>• QAPP Components</li><li>• RFI Report Components</li></ul>	Phebe Davol
10:15 - 10:45	Session 18: Interim Measures/Stabilization/Advanced Notice of Proposed Rulemaking/Technical Impracticability <ul style="list-style-type: none"><li>• When to Implement Interim Measures</li><li>• Considerations for Stabilization</li><li>• Advanced Notice of Proposed Rulemaking</li><li>• Presumptive Remedies</li><li>• Technical Impracticability Determinations</li></ul>	Phebe Davol
10:45 - 11:15	Session 19: Risk Assessment/Media Protection Standards/Future Land Use/Institutional Controls <ul style="list-style-type: none"><li>• Components of a Human Health Risk Assessment</li><li>• Components of an Ecological Risk Assessment</li><li>• Development of Media Protection Standards</li><li>• Future Land Use Considerations</li><li>• Types of Institutional Controls</li></ul>	Phebe Davol

<u>Time</u>	<u>Subject</u>	<u>Speaker</u>
11:15 - 12:00	Session 20: Corrective Measures Study/Corrective Measures Implementation <ul style="list-style-type: none"> <li>• Remedial Technology Selection</li> <li>• Public Notice</li> <li>• Statement of Basis</li> </ul>	Phebe Davol
12:00 - 1:00	Lunch Break	
<b>Financial Assurance Training</b>		
1:00 - 1:15	Session 21: Financial Assurance Introduction <ul style="list-style-type: none"> <li>• Why Financial Assurance is Necessary?</li> <li>• Who is Required to Provide Financial Assurance?</li> </ul>	Tim Killian
1:15 - 1:45	Session 22: Cost Estimates <ul style="list-style-type: none"> <li>• Closure Cost Estimate</li> <li>• Post Closure Cost Estimate</li> <li>• Updating Cost Estimates</li> <li>• S Gross Domestic Product (GDP) vs. Gross National Product (GNP)</li> <li>• S Using the Implicit Price Deflator (IDP)</li> <li>• S Updating Cost Estimates Due to Facility Expansion</li> </ul>	Tim Killian
1:45 - 2:15	Session 23: Mechanisms for Financial Assurance <ul style="list-style-type: none"> <li>• Trust Fund</li> <li>• Surety Bonds</li> <li>• Letter of Credit</li> <li>• Insurance</li> <li>• Financial Test and Corporate Guarantee</li> <li>• Miscellaneous Provisions</li> <li>• Combinations</li> </ul>	Tim Killian
2:15 - 2:30	Session 24: Liability <ul style="list-style-type: none"> <li>• Sudden Accidental Occurrence</li> <li>• Nonsudden Accidental Occurrence</li> <li>• Combinations</li> </ul>	Tim Killian