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Solid Waste Landfill Explosive Gas Survey Sheet

Rocky Flats Environmental Technology Site Solid Waste Disposal Facility Operated by K-H and AWS Jefferson County Golden, Colorado		RFETS Sanitary Landfill Building/Area 219 Operable Unit Designation: OU-7 Accelerated Waste Solutions (AWS)		
Calendar Quarter: <u>2nd</u> Year: <u>2003</u>		Responsible Organizations: Sanitary and Special Waste Projects Material Stewardship		
Date of Inspection: <u>4/10/03</u>				
Weather Conditions: <u>Partly cloudy & warm</u>		Must be no precipitation. <input checked="" type="checkbox"/>		
Wind Speed 10 MPH or less? <u>Y</u> <input checked="" type="checkbox"/> <u>N</u>		If wind speed exceeds 10 MPH discontinue testing. <input checked="" type="checkbox"/>		
Explosive Gas Survey Inspector(s)				
Name (Print): <u>John Kleckner</u>		Signature: <u>[Signature]</u>		
Name (Print):		Signature:		
Name (Print):		Signature:		
Monitoring Equipment Requirements				
MSHA approved monitoring equipment? (circle response)		<input checked="" type="radio"/> YES	<input type="radio"/> NO	Combustible Gas Detector <input checked="" type="checkbox"/> or Methanometer <input type="checkbox"/> Equipment used (Describe): <u>MSA Orion</u>
Was detector calibrated before use? (circle response)		<input checked="" type="radio"/> YES	<input type="radio"/> NO	Equipment Identification Number: <u>S/N A3-2158-ED1</u> IF "NO" do not use instrument and do not begin testing.
Refer to Landfill Explosive Gas Monitoring Map for sample locations R1-R9		Pass	Fail	Comments
Required Perimeter Sample Location Number	R1	<input checked="" type="checkbox"/>		Refer to Pass/Fail criteria listed below. ** <u>All readings were 0% LEL</u>
Required Perimeter Sample Location Number	R2	<input checked="" type="checkbox"/>		
Required Perimeter Sample Location Number	R3	<input checked="" type="checkbox"/>		
Required Perimeter Sample Location Number	R4	<input checked="" type="checkbox"/>		
Required Perimeter Sample Location Number	R5	<input checked="" type="checkbox"/>		
Required Perimeter Sample Location Number	R6	<input checked="" type="checkbox"/>		
Required Perimeter Sample Location Number	R7	<input checked="" type="checkbox"/>		
Required Perimeter Sample Location Number	R8	<input checked="" type="checkbox"/>		
Required Perimeter Sample Location Number	R9	<input checked="" type="checkbox"/>		
Additional Sample Location	A1	<u>NA</u>		Location:
Additional Sample Location	A2	<u>"</u>		Location:
Additional Sample Location	A3	<u>"</u>		Location:
Additional Sample Location	A4	<u>"</u>		Location:
** Locations marked as "Pass" have no detectable levels of methane >1.0% volume in air. (1.0% volume in air is 20% of the lower explosive limit for methane of 5.0% volume in air).		** If marked "FAIL" LEAVE AREA IMMEDIATELY and notify supervisor.		
** If explosive gas is detected >1.0% volume in air, mark "Fail", leave the area, and notify supervisor.				