



**CIMARRON FACILITY  
BURIAL AREA #1  
GROUNDWATER ASSESSMENT REPORT**

**FIGURE: 9**

**URANIUM PLUME  
BY  
ALPHA SPEC**

SAMPLE COLLECTION DATE - AUG. 2002

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|--|---|
| <p><b>MONITORING WELL WITH ID and ALPHA SPEC</b></p> <ul style="list-style-type: none"> <li>● ALLUVIAL</li> <li>■ SANDSTONE B</li> <li>■ SANDSTONE C</li> <li>1566 ALPHA SPEC (pCi/l)</li> </ul> | <p><b>ALPHA SPEC ( pCi/l )</b></p> <ul style="list-style-type: none"> <li>180 - 500</li> <li>500 - 1000</li> <li>1000 - 2000</li> <li>2000 - 3000</li> <li>3000 - 4000</li> <li>4000 - 5000</li> <li>&gt; 5000</li> </ul> |
|--|---|

URANIUM PLUME OUTLINE BASED ON ALPHA SPEC DATA ( pCi/l )

1 INCH = 50 FEET  
0 50 100 Feet



**COORDINATE SYSTEMS**  
LOCAL: METERS NORTH AND EAST FROM SITE ORIGIN IN SUB AREA 1  
STATE PLANE: OKLAHOMA NORTH ( NAD 83 ) FEET

DATE: 10/28/02  
REVISED: 1/7/03