

April 17, 2001



01-RF-00853

Mr. Joe Legare  
Environmental Compliance  
DOE, RFFO  
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SOURCE EVALUATION REPORT FOR RFCA POINT OF EVALUATION SW027: Water  
Year 2000 (RF/EMM/WP-01-001.UN) - RCN-007-01

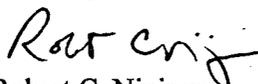
ATTN: Glenn Doyle

This Source Evaluation Report is provided in accordance with the Final Rocky Flats Cleanup Agreement (RFCA) (Attachment 5, §2.4(B)) under "Action Determinations". Specifically, this source evaluation addresses the September 12, 2000 Rocky Flats Environmental Technology Site (Site) notification of reportable 30-day moving averages for plutonium (Pu) water-quality results in the South Interceptor Ditch (SID). These reportable values were measured at the RFCA Point of Evaluation (POE) monitoring location on the South Interceptor Ditch just upstream of Pond C-2 (referred to as SW027) for the periods June 26-29, 2000, July 18-21, 2000, and August 18-20, 2000. This Source Evaluation Report fulfills the Site commitment as outlined in the September 6, 2000 *Notification of Reportable Surface Water Monitoring Results at RFCA Point of Evaluation SW027* (00-RF-02527, RCN-042-00).

This Report includes the recent evaluation of environmental data and assessment of Site activities and monitoring programs to determine probable cause(s) of reportable 30-day moving averages for Pu water-quality action levels at the RFCA POE monitoring location SW027. The Report identifies only diffuse radionuclide contamination from past Site operations as the possible cause of these reportable values. This Report contains no specific recommendations for source control in response to the reportable values measured at SW027. The Site's proposed course of action includes (1) continued observation, (2) continued progress on the Actinide Migration Evaluation (AME), (3) continued use of the existing detention ponds to clarify stormwater, (4) continued stakeholder participation in the formulation of mitigating responses, and (5) continued stakeholder communication.

If you have any questions regarding this transmittal please contact me at extension 4663 or George Squibb at extension 7194.

Sincerely,

  
Robert C. Nininger  
Environmental Media Management

Attachment: As stated

Cc: D. Shelton (without attachment)  
CERCLA Administrative Record



ADMIN RECORD

Kaiser Hill Company, L.L.C.  
Rocky Flats Environmental Technology Site, 10808 Hwy. 93 Unit B, Golden CO 80403-8200 ♦ 303-966-7000

SW-A-004287