EG&G ER Program
Rocky Flats Plant

(04/03/90)

ER PROGRAM DATA ASSESSMENT SUMMARY REPORT FORM

Batch No. 9001G164 **Site** Area 2 - 881 Hillside

Laboratory Accu-Labs Research **No. of Samples/Matrix** 2/Water

Method Standard Methods **Reviewer Org.** TechLaw, Inc.

Sample Numbers SW03490001, SW03490001D

Data Assessment Summary

		Fluoride	Oil/ Grease	Alkalinity	Chloride	Nitrate/ Nitrite	Sulfide/ Sulfate	Gravimetric	Comments
1.	**Holding Times**	N/A	V	V	V	V	V	A	Action Item 1
2.	**Calibrations**	N/A	V	V	V	V	V	V	
3.	**Blanks**	N/A	V	V	V	V	A	V	Action Item 2
4.	**Lab Control Sample Results**	N/A	N/A	V	N/A	N/A	N/A	V	
5.	**Duplicate Sample Results**	N/A	V	V	V	V	V	V	
6.	**Matrix Spike Sample Results**	N/A	V	N/A	V	V	V	N/A	
7.	**Sample Verification**	N/A	V	V	V	V	V	X	Comment 1
8.	**Other QC**	N/A	V	V	V	V	V	V	
9.	**Overall Assessment**	N/A	V	V	V	V	A	A	Data valid, or acceptable with qualifications

V = Data had no problems.
A = Data acceptable but qualified due to problems.
R = Data rejected.
X = Problems, but do not affect data.

N/A = Not applicable.

Data Quality: Data contained in this batch were reviewed and found to be valid, or acceptable with qualifications. Acceptable, qualified data may be used provided that individual values impacted by the "Action Items" listed below are appropriatley flagged. (Refer to attached Results Summary Tables.)

Action Items: 1) All TDS values are estimated (J) and TSS non-detects are estimated and undetected (UJ) because holding times were exceeded.

2) All Sulfate values are estimated (J) because there was no evidence of a blank analyzed after the run.

Comments: 1) The Alkalinity bicarbonate values are reported as bicarbonate ion values; correct values are in the Summary Table.

Note: Data Summary Tables are attached.

William H. Praetz
Reviewer Signature

4/5/90
Date

WATER QUALITY PARAMETERS

TABLE #: 9001G164

SITE NAME: Area 2 - 881 Hillside

AQUEOUS ANALYSIS: Low Water

ANALYTICAL RESULTS (mg/L)

Sample Location											
Sample Number		SW03490001		SW03490001D							
Sample Date		1/15/90		1/15/90							
Remarks				Duplicate							
Water Quality Analyte	DL mg/L		DQ		DQ						
Alkalinity											
Bicarbonate	10	180	V	180	V						
Carbonate	10	5.0 U	V	5.0 U	V						
Chloride	5	16.0	V	17.0	V						
Dissolved Oxygen	0.5										
Grease & Oil	5	1.0 U	V	1.0	V						
Hexavalent Chromium	0.01										
Nitrate/Nitrite	5	0.43	V	0.45	V						
Sulfate	5	27.0 J	A	27.0 J	A						
Sulfide	5										
TDS	5	240 J	A	240 J	A						
TSS	10	5.0 UJ	A	5.0 UJ	A						
pH		8.0		8.0							

SITE NAME: _____

SOIL ANALYSIS: _____

ANALYTICAL RESULTS (mg/Kg)

Sample Location										
Sample Number										
Sample Date										
Percent Solids										
Water Quality Analyte	DL mg/Kg									
Chloride	60									
Grease & Oil	60									
Hexavalent Chromium	1									
Nitrate/Nitrite	60									
Sulfate	60									
Sulfide	4									
pH										

U Indicates the compound was not detected above the Instrument Quantitation Limit

J Quantitation is approximate due to limitations identified during the quality control review

mg/Kg Milligrams per Kilogram

mg/L is Milligrams per Liter

E Exceeds Calibration Range

TDS is Total Dissolved Solids

DL Detection Limit

TSS is Total Suspended Solids

N/R Not Reported

DQ Data Qualifier

V Valid

A Acceptable with qualifications

R Rejected