

ER PROGRAM DATA ASSESSMENT
SUMMARY REPORT FORM

Batch No. E89-0052/1st Quarter 1989 Site Area 2 - 881 Hillside
 Laboratory EG&G - 881 General Labs No. of Samples/Matrix 22/Water
 Method L-Procedures Reviewer Org. TechLaw, Inc.
 Sample Numbers TB-0113, FB-0113, 2-87, 4-87, 69-86, TB-0117, FB-0117, 70-86, 56-86, 56-86D, 10-74, 5-87, 52-87, TB-0124, FB-0124, 3-87, 8-87, 62-86, 45-87, TB-0126, FB-0126, 9-74

Data Assessment Summary

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

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 appropriately flagged. (Refer to attached Results Summary Tables).

"REVIEWED FOR CLASSIFICATION
 By R. B. Hoffman
 Date 2-11-90

REVIEWED FOR CLASSIFICATION/UCNI

By George H. Sellock
 Date 6/27/90

ADMIN RECORD

A-0001-000044

Action Items: 1) All TDS values are estimated (J) because holding times were exceeded.

Comments: 1) In the Nitrate data, 62-86 was reported as 62-87 and ID numbers for 9-74, 9-87, 14-87, and 14-87D are reported incorrectly as 0052.

Note: Data Summary Tables are attached.

William H. Greve
Reviewer Signature

3/30/90
Date

WATER QUALITY PARAMETERS

TABLE #: E89-0052/1st Quarter 1989

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SITE NAME: Area 2 - 881 Hillside

AQUEOUS ANALYSIS: Low Water

ANALYTICAL RESULTS (mg/L)

Sample Location	10-74	5-87	52-87	TB-0124	FB-0124	3-87	8-87	62-86	45-87	TB-0126					
Sample Number	10-74	5-87	52-87	TB-0124	FB-0124	3-87	8-87	62-86	45-87	TB-0126					
Sample Date	1/17/89	1/17/89	1/17/89	1/24/89	1/24/89	1/24/89	1/24/89	1/24/89	1/24/89	1/26/89					
Remarks				Trip Blank	Field blank					Trip Blank					
Water Quality Analyte	DL mg/L	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ					
Alkalinity															
Bicarbonate	10	220	V	452	V	398	V	1.0 U	V	132	V	233	V	1.0 U	V
Carbonate	10														
Chloride	5	321	V	249	V	61.2	V	2.0 U	V	99.5	V	46.0	V	28.2	V
Dissolved Oxygen	0.5														
Grease & Oil	5														
Hexavalent Chromium	0.01														
Nitrate/Nitrite	5	39.5	V	10.3	V	0.02 U	V	1.88	V	1.16	V	0.05	V	2.46	V
Sulfate	5	287	V	638	V	587	V	1.0 U	V	1.0 U	V	4.06	V	53.9	V
Sulfide	5														
TDS	5	1513 J	A	1887 J	A	814 J	A	12.0 J	A	14.0 J	A	409 J	A	288 J	A
TSS	10														
pH															

SITE 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
 E Exceeds Calibration Range
 DL Detection Limit
 N/R Not Reported

DQ Data Qualifier
 V Valid
 A Acceptable with qualifications
 R Rejected
 890052/eg07

