



AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pEEM0112359909

NM2 - 8

XTO ENERGY, INC.



P.O. Box 489
Aztec, NM 87410

December 6, 2000

Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

ATTN: Mr. Denny Foust

RE: 2000 Yearly Pond Inspection & Water Analysis



Dear Mr. Foust:

Enclosed you will find water analysis from Pond #1 and Pond #2 for the year of 2000 that is required from us on a yearly basis. During our weekly inspections throughout the year on both ponds we have not encountered any sick or dead birds or wildlife. If you would like to inspect our reports for each week on either or both of the ponds, they will be available upon request at the Koch Exploration Company Office located at 610 South Main in Aztec.

If you have any questions or comments concerning these water analysis, please feel free to contact me at (505)-334-9111 or my mobile phone at (505)-320-0819.

Sincerely,

A handwritten signature in black ink, appearing to read 'Don Johnson'.

Don Johnson
Operations Manager
Koch Exploration Company

cc: Roger Anderson
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

OFF: (505) 325-5667
FAX: (505) 327-1496



LAB: (505) 325-1556
FAX: (505) 327-1496

November 28, 2000

Don Johnson
Koch Exploration
610 S. Main Avenue
P.O. box 489
Aztec, NM 87410
TEL: (505) 334-9111
FAX



RE: Koch Evaporation Ponds 1 & 2

Order No.: 0011015

Dear Don Johnson,

On Site Technologies, LTD. received 2 samples on 11/9/2000 for the analyses presented in the following report.

The Samples were analyzed for the following tests:

Alkalinity, Total (M2320 B)
AQ-PREP SEP FUNNEL: 418.1/413.2 (SW3550)
Calcium, Dissolved (E215.1)
Chloride (E325.3)
Hardness, Total (M2340 B)
Iron, Dissolved (E236.1)
Magnesium, Dissolved (E242.1)
pH (E150.1)
Potassium, Dissolved (E258.1)
Resistivity (@ 25 deg. C) (M2510 C)
Sodium, Dissolved (E273.1)
Specific Gravity (M2710 F)
Sulfate (M4500-SO4 D)
Total Dissolved Solids (CALC)
Total Dissolved Solids (E160.1)
TPH, T/R (E418.1)

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to be "D. E.", is written below the word "Sincerely,".

P.O. BOX 2606 • FARMINGTON, NM 87499
EMAIL: ONSITE@ONSITELTD.COM

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OFF: (505) 325-5667
FAX: (505) 327-1496



LAB: (505) 325-1556
FAX: (505) 327-1496

On Site Technologies, LTD.

Date: 29-Nov-00

CLIENT: Koch Exploration
Project: Koch Evaporation Ponds 1 & 2
Lab Order: 0011015

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.
Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, March 1983.
Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992.

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

Any quality control and/or data qualifiers associated with this laboratory order will be flagged in the analytical result page(s) or the quality control summary report(s).

Cation-Anion Balance 0011015-01A; Koch Evaporation Pond #1

Total Cation-Anion = 1161.00 meq/L
Difference Cation-Anion = 55.26 meq/L
% Difference = 4.8 %

Cation-Anion Balance 0011015-02A; Koch Evaporation Pond #2

Total Cation-Anion = 1152.11 meq/L
Difference Cation-Anion = 47.93 meq/L
% Difference = 4.2 %

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LAB: (505) 325-1556
 FAX: (505) 327-1496

ANALYTICAL REPORT

Date: 28-Nov-00

Client:	Koch Exploration	Client Sample Info:	Koch Evaporation Pond
Work Order:	0011015	Client Sample ID:	Evaporation Pond I
Lab ID:	0011015-01A	Matrix:	AQUEOUS
Project:	Koch Evaporation Ponds 1 & 2	Collection Date:	11/8/2000 3:45:00 PM
		COC Record:	11005

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
TPH, T/R		E418.1				Analyst: DM
Petroleum Hydrocarbons, T/R	ND	1		mg/L	1	11/10/2000
CALCIUM, DISSOLVED		E215.1				Analyst: HR
Calcium	5	5		mg/L	5	11/22/2000
IRON, DISSOLVED		E236.1				Analyst: HR
Iron	0.58	0.1		mg/L	1	11/22/2000
POTASSIUM, DISSOLVED		E258.1				Analyst: HR
Potassium	87	10		mg/L	40	11/21/2000
MAGNESIUM, DISSOLVED		E242.1				Analyst: HR
Magnesium	44	5		mg/L	20	11/22/2000
SODIUM, DISSOLVED		E273.1				Analyst: HR
Sodium	13800	1000		mg/L	4000	11/21/2000
ALKALINITY, TOTAL		M2320 B				Analyst: HR
Alkalinity, Bicarbonate (As CaCO3)	12700	5		mg/L CaCO3	1	11/14/2000
Alkalinity, Carbonate (As CaCO3)	15100	5		mg/L CaCO3	1	11/14/2000
Alkalinity, Hydroxide	ND	5		mg/L CaCO3	1	11/14/2000
Alkalinity, Total (As CaCO3)	27800	5		mg/L CaCO3	1	11/14/2000
CHLORIDE		E325.3				Analyst: HR
Chloride	3120	1		mg/L	1	11/21/2000
HARDNESS, TOTAL		M2340 B				Analyst: HR
Hardness (As CaCO3)	190	1		mg/L	1	11/22/2000
PH		E150.1				Analyst: HR
pH	9.54	2		pH units	1	11/9/2000
RESISTIVITY (@ 25 DEG. C)		M2510 C				Analyst: HR
Resistivity	0.249	0.001		ohm-m	1	11/9/2000
SPECIFIC GRAVITY		M2710 F				Analyst: HR
Specific Gravity	1.034	0.001		Units	1	11/15/2000
SULFATE		M4500-SO4 D				Analyst: HR
Sulfate	ND	5		mg/L	1	11/21/2000
TOTAL DISSOLVED SOLIDS		E160.1				Analyst: HR
Total Dissolved Solids (Residue, Filterable)	34000	40		mg/L	1	11/14/2000
TOTAL DISSOLVED SOLIDS		CALC				Analyst: HR
Total Dissolved Solids (Calculated)	34000	40		mg/L	1	11/22/2000

Qualifiers: PQL - Practical Quantitation Limit S - Spike Recovery outside accepted recovery limits
 ND - Not Detected at Practical Quantitation Limit R - RPD outside accepted recovery limits
 J - Analyte detected below Practical Quantitation Limit E - Value above quantitation range
 B - Analyte detected in the associated Method Blank Surr - Surrogate

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