

COMPARISON OF BTEX STANDARDS
OF CONCENTRATIONS FOR NEW MEXICO
DRINKING WATER
WITH BENSON-MONTIN-GREER CANADA OJITOS UNIT EVAPORATION POND
(AFTER INTRODUCING DEHYDRATOR PIT SKIMMER TANK)
5-3-95

	BTEX Standards of New Mexico Drinking Water Bureau *	Canada Ojitos Unit Evaporation Pond **	
		<u>(Parts per billion)</u>	
		<u>Surface</u>	<u>12" below Surface</u>
Benzene	5	89.9	89.4
Toluene	1,000	149	148
Ethylbenzene	700	7.26	6.92
Xylenes	1,000	53.4	41.0

* These maximum levels apply to community and non-transient, non-community water systems (reference Drinking Water Regulations, Title 20 Chapter 7, Part 1, Section 203-C.

** Samples taken May 4, 1995 after dehydrator pit water had been brought to the pond on May 3.

Before the
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 11143 Exhibit No. 7
Submitted By: _____
Hearing Date: _____

PURGEABLE AROMATICS

Benson, Montin, & Greer

Project ID: NA
 Sample ID: Evaporation Pond - Surface
 Lab ID: 0972
 Sample Matrix: Water
 Preservative: Cool
 Condition: Intact

Report Date: 05/08/95
 Date Sampled: 05/04/95
 Date Received: 05/05/95
 Date Analyzed: 05/07/95

Target Analyte	Concentration (ug/L)	Detection Limit (ug/L)
Benzene	89.9	2.00
Toluene	149	2.00
Ethylbenzene	7.26	0.20
m,p-Xylenes	39.6	0.40
o-Xylene	13.8	0.20

Total BTEX	300
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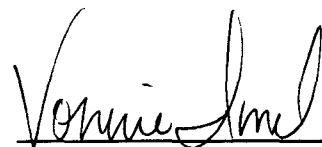
ND - Analyte not detected at the stated detection limit.

Quality Control:	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Trifluorotoluene	106	88 - 110%
	Bromofluorobenzene	98	86 - 115%

Reference: Method 602.2, Purgeable Aromatics; Federal Register, Vol. 49, No. 209, Oct. 1984.

Comments:


 Analyst


 Review

PURGEABLE AROMATICS

Benson, Montin, & Greer

Project ID: NA
Sample ID: Evaporation Pond - 12"
Lab ID: 0973
Sample Matrix: Water
Preservative: Cool
Condition: Intact

Report Date: 05/08/95
Date Sampled: 05/04/95
Date Received: 05/05/95
Date Analyzed: 05/07/95

Target Analyte	Concentration (ug/L)	Detection Limit (ug/L)
Benzene	89.4	2.00
Toluene	148	2.00
Ethylbenzene	6.92	0.20
m,p-Xylenes	37.8	0.40
o-Xylene	13.3	0.20

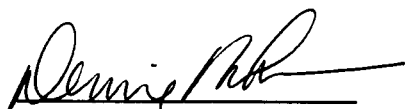
Total BTEX**296**


ND - Analyte not detected at the stated detection limit.

Quality Control:	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Trifluorotoluene	99	88 - 110%
	Bromofluorobenzene	94	86 - 115%

Reference: Method 602.2, Purgeable Aromatics; Federal Register, Vol. 49, No. 209,
Oct. 1984.

Comments:


Analyst


Review