

SUMMARY OF TOTAL BTEX ANALYSES
B-M-G CANADA OJITOS UNIT EVAPORATION POND
AND SOURCE OF DISPOSAL WATER

<u>Sample</u> <u>Date</u>	<u>Storage</u> <u>Tank at</u> <u>Ambient</u> <u>Temperature</u> (Gavilan)	<u>Storage</u> <u>Tank</u> <u>Heated</u> (COU B-29)	<u>Dehydrator</u> <u>Pit</u> (COU Stage II Dehy Pit)	<u>Discharge</u> <u>from</u> <u>Skimmer</u> <u>Tank</u> <u>to Pond</u>	<u>Pond</u>	
					<u>Surface</u>	<u>12"</u> <u>Deep</u>
5-1-95	19,800	6,090	5,910	-	3.2	-
5-3-95 (Water from dehy pit unloaded into skimmer tank)				16,600		
5-4-95					300	296
5-5-95 Start to unload 1 truck (Water from heated storage tanks)				12,100		
After 45 barrels				14,000		
After 65 barrels				13,900		
After 75 barrels				13,544		

Before the
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 11143 Exhibit No. 8
Submitted By: _____
Hearing Date: _____

PURGEABLE AROMATICS

Benson, Montin, & Greer

Project ID: NA
Sample ID: COU Evaporator Flowline
Lab ID: 0969
Sample Matrix: Water
Preservative: Cool
Condition: Intact

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

Target Analyte	Concentration (ug/L)	Detection Limit (ug/L)
Benzene	4,090	50.0
Toluene	5,470	50.0
Ethylbenzene	320	50.0
m,p-Xylenes	1,570	100
o-Xylene	668	50.0

Total BTEX	12,100
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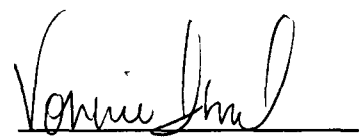
ND - Analyte not detected at the stated detection limit.

Quality Control:	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Trifluorotoluene	90	88 - 110%
	Bromofluorobenzene	91	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	Report Date:	05/08/95
Sample ID:	COU Evaporator Heater Tank *	Date Sampled:	05/05/95
Lab ID:	0971	Date Received:	05/05/95
Sample Matrix:	Water	Date Analyzed:	05/07/95
Preservative:	Cool		
Condition:	Intact		

Target Analyte	Concentration (ug/L)	Detection Limit (ug/L)
Benzene	4,520	40.0
Toluene	6,620	66.7
Ethylbenzene	360	40.0
m,p-Xylenes	1,760	80.0
o-Xylene	720	40.0

Total BTEX	14,000
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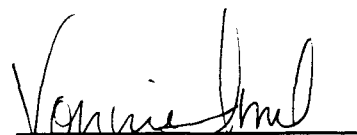
ND - Analyte not detected at the stated detection limit.

Quality Control:	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Trifluorotoluene	98	88 - 110%
	Bromofluorobenzene	95	86 - 115%

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

Comments: *45 BBLs


Analyst


Review

PURGEABLE AROMATICS

Benson, Montin, & Greer

Project ID: NA
Sample ID: COU Evaporator Heater Tank *
Lab ID: 0974
Sample Matrix: Water
Preservative: Cool
Condition: Intact

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

Target Analyte	Concentration (ug/L)	Detection Limit (ug/L)
Benzene	4,550	40.0
Toluene	6,530	66.7
Ethylbenzene	360	40.0
m,p-Xylenes	1,760	80.0
o-Xylene	719	40.0

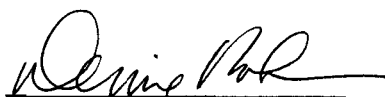
Total BTEX	13,900
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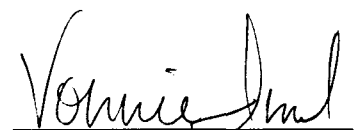
ND - Analyte not detected at the stated detection limit.

Quality Control:	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Trifluorotoluene	98	88 - 110%
	Bromofluorobenzene	95	86 - 115%

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

Comments: * 65 BBLS


Analyst


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PURGEABLE AROMATICS

Benson, Montin, & Greer

Project ID: NA
Sample ID: COU Evaporator Heater Tank *
Lab ID: 0970
Sample Matrix: Water
Preservative: Cool
Condition: Intact

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

Target Analyte	Concentration (ug/L)	Detection Limit (ug/L)
Benzene	4,560	66.7
Toluene	6,140	66.7
Ethylbenzene	378	66.7
m,p-Xylenes	1,720	133
o-Xylene	737	66.7

Total BTEX	13,500
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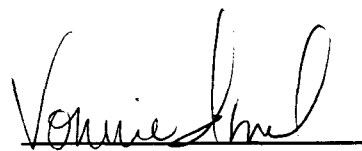
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Quality Control:	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Trifluorotoluene	89	88 - 110%
	Bromofluorobenzene	88	86 - 115%

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

Comments: *75 BBLS


Analyst


Review

PURGEABLE AROMATICS

Benson Montin & Greer

Project ID: NA
Sample ID: Discharge*
Lab ID: 0956
Sample Matrix: Water
Preservative: Cool
Condition: Intact

Report Date: 05/04/95
Date Sampled: 05/03/95
Date Received: 05/04/95
Date Analyzed: 05/04/95

Target Analyte	Concentration (ug/L)	Detection Limit (ug/L)
Benzene	4,550	50.0
Toluene	8,590	125
Ethylbenzene	396	50.0
m,p-Xylenes	2,230	100
o-Xylene	802	50.0

Total BTEX	16,600
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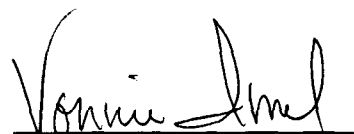
ND - Analyte not detected at the stated detection limit.

Quality Control:	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Trifluorotoluene	103	88 - 110%
	Bromofluorobenzene	98	86 - 115%

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

Comments: *Discharge from Evaporation Pond Skimmer Tank


Analyst


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