

30-025-38503



PHONE (575) 393 2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
OCOTILLO ENVIRONMENTAL, LLC
ATTN: CINDY CRAIN
P O BOX 1816
HOBBS, NM 88241
FAX TO: (432) 272-0304

Receiving Date: 02/22/08
Reporting Date: 02/25/08
Project Owner: QUEST (0208-028C)
Project Name: QUEST CHEROKEE W. BISHOP STATE #1
Project Location: LEA COUNTY, NM

Sampling Date: 02/22/08
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB

LAB NO	SAMPLE ID	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DATE		02/25/08	02/25/08	02/25/08	02/25/08
H14305-1	ROBERSON 1320 WEST COLLEGE LANE	<0.001	<0.001	<0.001	<0.003
H14305-2	ELLISON BARN	<0.001	<0.001	<0.001	<0.003
H14305-3	DUNCAN 5700 JAROB	<0.001	0.001	<0.001	<0.003
H14305-4	EDWARDS 1300 WEST COLLEGE LANE	<0.001	<0.001	<0.001	<0.003
H14305-5	GRAHAM 1203 COLLEGE LN.	<0.001	<0.001	<0.001	<0.003
Quality Control		0.092	0.083	0.086	0.248
True Value QC		0.100	0.100	0.100	0.300
% Recovery		92.1	83.2	86.1	82.5
Relative Percent Difference		0.9	1.0	1.8	1.7

METHOD: EPA SW-846 8021B

Cindy D. Kane
Chemist

02/29/08
Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. ~~140908-000~~ shall be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS NM 88240

ANALYTICAL RESULTS FOR
OCOTILLO ENVIRONMENTAL, LLC
ATTN: CINDY CRAIN
P O BOX 1816
HOBBS, NM 88241
FAX TO (432) 272-0304

Receiving Date: 02/22/08

Reporting Date: 02/29/08

Project Owner: QUEST(0208-028C)

Project Name: QUEST CHEROKEE W. BISHOP STATE #1

Project Location: LEA COUNTY, NM

Sampling Date: 02/22/08

Sample Type: GROUNDWATER

Sample Condition: COOL & INTACT

Sample Received By: ML

Analyzed By: CK

LAB NUMBER SAMPLE ID	GRO	DRO
	(C ₄ -C ₁₀) (mg/L)	(>C ₁₀ -C ₂₈) (mg/L)

ANALYSIS DATE	02/27/08	02/27/08
H14305-1 ROBERSON 1320 WEST COLLEGE LANE	<3.00	<3.00
H14305-2 ELLISON BARN	<3.00	<3.00
H14305-3 DUNCAN 5700 JAROB	<3.00	<3.00
H14305-4 EDWARDS 1300 WEST COLLEGE LANE	<3.00	<3.00
H14305-5 GRAHAM 1203 COLLEGE LANE	<3.00	<3.00
Quality Control	39.2	59.2
True Value QC	50.0	50.0
% Recovery	78.4	118
Relative Percent Difference	8.6	14.5

METHODS: TPH GRO & DRO. EPA SW-846 8015 M

Chemist

Date

H14305T OCOTILLO

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profit incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



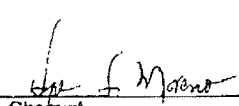
PHONE (575) 393 2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
OCOTILLO ENVIRONMENTAL, LLC
ATTN: CINDY CRAIN
P.O. BOX 1816
HOBBS, NM 88241
FAX TO (432) 272-0304

Receiving Date: 02/22/08
Reporting Date: 02/29/08
Project Owner: QUEST (0208-028C)
Project Name: QUEST CHEROKEE W. BISHOP STATE #1
Project Location: LEA COUNTY, NM

Analysis Date: 02/22/08
Sampling Date: 02/22/08
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: HM

LAB NO	SAMPLE ID	NO ₃ -N (mg/L)
H14305-1	ROBERSON 1320 W COLLEGE LN.	3.21
H14305-2	ELLISON BARN	2.23
H14305-3	DUNCAN 5700 JAROB	1.79
H14305-4	EDWARDS 1300 W COLLEGE LN.	1.30
H14305-5	GRAHAM 1203 COLLEGE LN	2.84
	Quality Control	1.84
	True Value QC	2.00
	% Recovery	92.2
	Relative Percent Difference	13.7
METHOD: EPA 600/4-79-020		353.3


Chemist

03-03-08
Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. H14305-01 OCOTILLO. Incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



PHONE (575) 393-2376 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
OCOTILLO ENVIRONMENTAL, LLC
ATTN: CINDY CRAIN
P.O. BOX 1816
HOBBS, NM 88241
FAX TO: (432) 272-0304

Receiving Date: 02/22/08
Reporting Date: 02/29/08
Project Owner: QUEST (0208-028C)
Project Name: QUEST CHEROKEE W. BISHOP STATE #1
Project Location: LEA COUNTY, NM

Sampling Date: 02/22/08
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: HMKS

LAB NUMBER SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (uS/cm)	T-Alkalinity (mgCaCO ₃ /L)
ANALYSIS DATE:	02/27/08	02/27/08	02/27/08	02/28/08	02/26/08	02/26/08
H14305-1 Roberson 1320 W. College Ln	53	128	28.2	3.87	1,080	196
H14305-2 Ellison Barn	41	94.5	21.8	1.95	770	188
H14305-3 Duncan 5700 Jarob	32	65.2	18.1	2.04	569	172
H14305-4 Edwards 1300 W. College Ln.	29	70.5	16.9	2.24	609	176
H14305-5 Graham 1203 College Lane	75	71.9	18.6	2.44	828	200
Quality Control	NR	50.6	51.6	3.11	1,428	NR
True Value QC	NR	50.0	50.0	3.00	1,413	NR
% Recovery	NR	101	103	104	101	NR
Relative Percent Difference	NR	2.8	< 0.1	4.6	0.8	NR

METHODS: SM3500-Ca-D 3500-Mg-E 8049 120.1 310.1

	Cl ⁻ (mg/L)	SO ₄ (mg/L)	CO ₃ (mg/L)	HCO ₃ (mg/L)	pH (s.u.)	TDS (mg/L)
ANALYSIS DATE:	02/28/08	02/27/08	02/28/08	02/26/08	02/26/08	02/25/08
H14305-1 Roberson 1320 W. College Ln	112	195	0	239	7.93	758
H14305-2 Ellison Barn	72	123	0	229	8.15	524
H14305-3 Duncan 5700 Jarob	40	70.0	0	210	8.19	355
H14305-4 Edwards 1300 W. College Ln.	40	75.9	0	215	8.15	427
H14305-5 Graham 1203 College Lane	84	99.3	0	244	8.25	538
Quality Control	490	27.0	NR	1000	7.05	NR
True Value QC	500	25.0	NR	1000	7.00	NR
% Recovery	98.0	108	NR	100	101	NR
Relative Percent Difference	2.0	3.0	NR	1.2	0.1	NR

METHODS: SM4500-Cl-B 375.4 310.1 310.1 150.1 160.1

Analyst

03-29-08
Date

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable services. Cardinal Laboratories shall not be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

[illegible]