

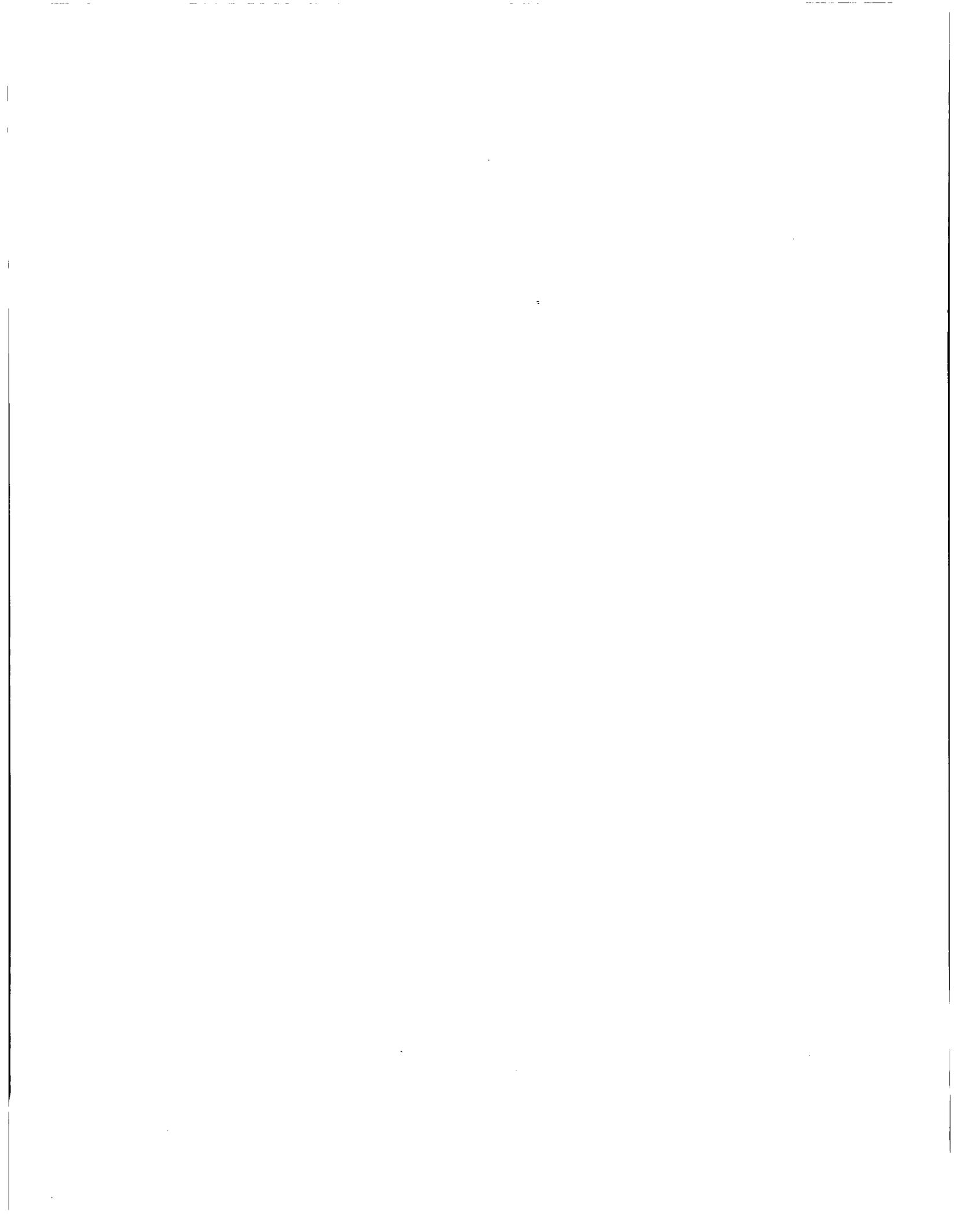
**1R - 427 - 107**

**REPORTS**

**DATE:**

**4-18-2001**

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427-107

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
E.M.E.	K-1	K	1	20 S	36 E	Lea	13'	11'	6'

LAND TYPE: BLM \_\_\_\_\_ STATE X FEE LANDOWNER Climax Chemical CO. OTHER \_\_\_\_\_

Depth to Groundwater 26' feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 04/15/2001 Date Completed 04/18/2001 OCD Witness No

Soil Excavated 135 cubic yards Excavation Length 13' Width 11' Depth 11' feet

Soil Disposed 0 cubic yards Offsite Facility none Location none

**FINAL ANALYTICAL RESULTS:** Sample Date April 18, 2001 Sample Depth 11' BGS

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	Benzene mg/kg	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	GRO mg/kg	DRO mg/kg	Chlorides mg/kg
SIDEWALLS	<0.005	0.005	0.006	0.028	<50	<50	160
BOTTOM	<0.005	<0.005	<0.005	0.019	<50	<50	304

General Description of Remedial Action: Delineated site below the NMOCD guidelines. Impacted area was blended with fresh soil below the NMOCD guidelines and used as backfill. A compacted clay barrier was installed. Then a water tight junction box was installed and then backfilled.

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	mg/kg
N wall	2'-5' BGS	50 ppm
E wall	2'-5' BGS	50 ppm
S wall	2'-5' BGS	50 ppm
W wall	2'-5' BGS	50 ppm
Wall Comp.	2'-5' BGS	50 ppm
Bottom Comp.	6' BGS	650 ppm
Bottom Comp.	7 1/2' BGS	1450 ppm
Bottom Comp.	10' BGS	450 ppm
Bottom Comp.	11' BGS	250 ppm

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE April 18, 2001 PRINTED NAME Chris Rodriguez

SIGNATURE Chris Rodriguez TITLE Environmental Technician



PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
RICE OPERATING CO.  
ATTN: CHRIS RODRIGUEZ  
122 W. TAYLOR  
HOBBS, NM 88240  
FAX TO:

Receiving Date: 04/16/01  
Reporting Date: 04/17/01  
Project Number: K-1  
Project Name: BOX UPGRADE  
Project Location: E.M.E.

Sampling Date: 04/12/01  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: BC/AH

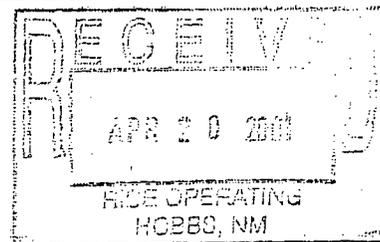
LAB NUMBER SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE	04/16/01	04/16/01	04/17/01
H5790-1 BOTTOM COMPOSITE	<50	<50	1060
H5790-2 SIDES	<50	<50	160
Quality Control	776	726	960
True Value QC	800	800	1000
% Recovery	97.0	90.7	96.0
Relative Percent Difference	1.3	2.7	6.3

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI'B

\*Analyses performed on 1:4 w:v aqueous extracts.

Burgess J. P. Collier  
Chemist

4/17/01  
Date



H5790A.XLS

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 Reporting Date: 04/17/01  
 Project Number: K-1  
 Project Name: BOX UPGRADE  
 Project Location: E.M.E.

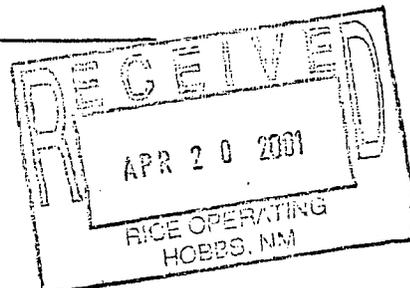
Sampling Date: 04/12/01  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT  
 Sample Received By: BC  
 Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		04/16/01	04/16/01	04/16/01	04/16/01
H5790-1	BOTTOM COMPOSITE	<0.005	<0.005	<0.005	<0.015
H5790-2	SIDES	<0.005	0.005	0.006	0.028
Quality Control		0.107	0.100	0.101	0.301
True Value QC		0.100	0.100	0.100	0.300
% Recovery		107	99.9	101	100
Relative Percent Difference		11.0	8.9	10.8	8.5

METHOD: EPA SW-846 8260

Bryan J. Coche  
 Chemist

4/17/01  
 Date







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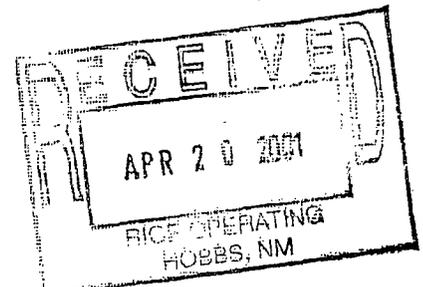
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Receiving Date: 04/17/01  
 Reporting Date: 04/18/01  
 Project Number: K-1  
 Project Name: BOX UPGRADE  
 Project Location: E.M.E.

Sampling Date: 04/16/01  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT  
 Sample Received By: GP  
 Analyzed By: BC/GP

LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	Cl* (mg/Kg)
	ANALYSIS DATE	04/17/01	04/17/01	04/17/01
H5793-1	K-1 BOX UPGRADE // 865	<50	<50	304
	Quality Control	776	726	960
	True Value QC	800	800	1000
	% Recovery	97.0	90.7	96.0
	Relative Percent Difference	1.3	2.7	6.3

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB  
 \*Analysis performed on a 1:4 w:v aqueous extract.



*Burton P. Cashe*  
 Chemist

478701  
 Date

H5793A.XLS

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**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

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							Length	Width	Depth
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Depth to Groundwater 26' feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 04/15/2001 Date Completed 04/18/2001 OCD Witness No

Soil Excavated 0 cubic yards Excavation Length 13' Width 11' Depth 11' feet

Soil Disposed 0 cubic yards Offsite Facility Sundance Disposal Location E.M.E.

**FINAL ANALYTICAL RESULTS:** Sample Date 04/18/2001 Sample Depth 11' BGS

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	Benzene mg/kg	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	GRO mg/kg	DRO mg/kg	Chlorides mg/kg
SIDEWALLS	<0.005	0.005	0.006	0.028	<50	<50	160
BOTTOM	<0.005	<0.005	<0.005	0.019	<50	<50	304

General Description of Remedial Action: No soil was hauled off it was blended with the surrounding area and delineated below NMOCD guidelines. A compacted clay barrier was installed. Then a water tight junction box was added and then backfilled.

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	mg/kg
N wall	2'-5' BGS	50 ppm
E wall	2'-5' BGS	50 ppm
S wall	2'-5' BGS	50 ppm
W wall	2'-5' BGS	50 ppm
Wall Comp.	2'-5' BGS	50 ppm
Bottom Comp.	6' BGS	650 ppm
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I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AN COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE 04/18/2001 PRINTED NAME Chris Rodriguez

SIGNATURE *Chris Rodriguez* TITLE Environmental Technician



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 ATTN: CHRIS RODRIGUEZ  
 122 W. TAYLOR  
 HOBBS, NM 88240  
 FAX TO:

Receiving Date: 04/16/01  
 Reporting Date: 04/17/01  
 Project Number: K-1  
 Project Name: BOX UPGRADE  
 Project Location: E.M.E.

Sampling Date: 04/12/01  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT  
 Sample Received By: BC  
 Analyzed By: BC/AH

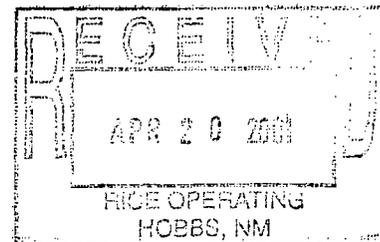
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ANALYSIS DATE	04/16/01	04/16/01	04/17/01
H5790-1 BOTTOM COMPOSITE	<50	<50	1060
H5790-2 SIDES	<50	<50	160
Quality Control	776	726	960
True Value QC	800	800	1000
% Recovery	97.0	90.7	96.0
Relative Percent Difference	1.3	2.7	6.3

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB

\*Analyses performed on 1:4 w:v aqueous extracts.

*Burgess J. P. Cashe*  
 Chemist

4/17/01  
 Date



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**ARDINAL  
LABORATORIES**

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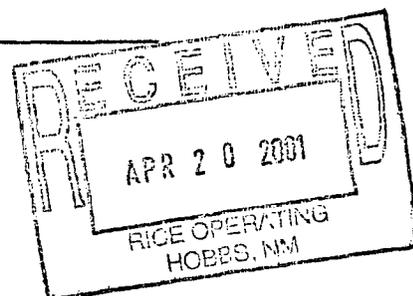
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LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
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	% Recovery	107	99.9	101	100
	Relative Percent Difference	11.0	8.9	10.8	8.5

METHOD: EPA SW-846 8260

*Bryan J. Cashe*  
Chemist

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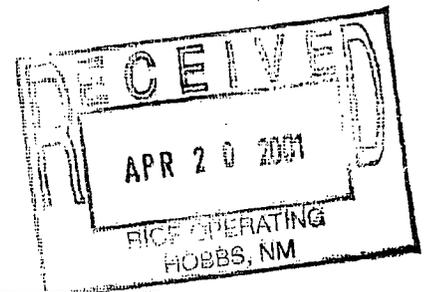
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*Burton P. Cashe*  
 Chemist

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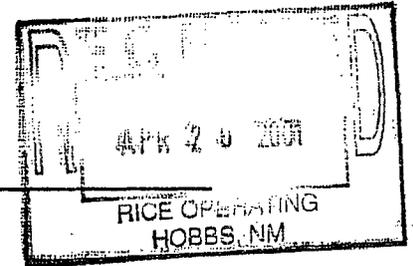
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LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		04/17/01	04/17/01	04/17/01	04/17/01
H5793-1	K-1 BOX UPGRADE	<0.005	<0.005	<0.005	0.019
Quality Control		0.101	0.097	0.100	0.290
True Value QC		0.100	0.100	0.100	0.300
% Recovery		101	96.7	100	96.6
Relative Percent Difference		5.8	3.3	1.2	3.7

METHOD: EPA SW-846 8260

*Burton J. Cash*  
 Chemist

4/18/01  
 Date



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