



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

ANALYTICAL REPORT

Prepared for:

Clark's Home & Garden
537 Hidden Valley Road
Grant's Pass, OR 97527

Date: 01-MAY-96
Lab Job Number: 125372
Project ID: 960425-V-1
Location: Clarks Home & Garden

Reviewed by: Damara Moore

Reviewed by: [Signature]

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ENVIRONMENTAL PROTECTION
96 MAY 28 PM 3:11



TVH-Total Volatile Hydrocarbons

Client: Clark's Home & Garden
Project#: 960425-V-1
Location: Clarks Home & Garden

Analysis Method: CA LUFT (EPA 8015M)
Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
125372-001 #1		27350	04/25/96	05/02/96	05/02/96	

Analyte	Units	125372-001
Diln Fac:		1
Gasoline	ug/L	1700
Surrogate		
Trifluorotoluene	%REC	99
Bromobenzene	%REC	118



BTXE

Client: Clark's Home & Garden
Project#: 960425-V-1
Location: Clarks Home & Garden

Analysis Method: EPA 8020
Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
125372-001 #1		27350	04/25/96	05/02/96	05/02/96	

Analyte	Units	125372-001
Diln Fac:		1

Benzene	ug/L	11
Toluene	ug/L	5.7
Ethylbenzene	ug/L	26
m,p-Xylenes	ug/L	15
o-Xylene	ug/L	10

Surrogate

Trifluorotoluene	%REC	102
Bromobenzene	%REC	107

Lab #: 125372

BATCH QC REPORT

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TVH-Total Volatile Hydrocarbons			
Client:	Clark's Home & Garden	Analysis Method:	CA LUFT (EPA 8015M)
Project#:	960425-V-1	Prep Method:	EPA 5030
Location:	Clarks Home & Garden		
METHOD BLANK			
Matrix:	Water	Prep Date:	05/01/96
Batch#:	27350	Analysis Date:	05/01/96
Units:	ug/L		
Diln Fac:	1		

MB Lab ID: QC20692

Analyte	Result		
Gasoline	<50		
Surrogate	%Rec	Recovery Limits	
Trifluorotoluene	89	69-120	
Bromobenzene	74	70-122	

Lab #: 125372

BATCH QC REPORT

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BTXE

 Client: Clark's Home & Garden
 Project#: 960425-V-1
 Location: Clarks Home & Garden

 Analysis Method: EPA 8020
 Prep Method: EPA 5030

METHOD BLANK

 Matrix: Water
 Batch#: 27350
 Units: ug/L
 Diln Fac: 1

 Prep Date: 05/01/96
 Analysis Date: 05/01/96

MB Lab ID: QC20692

Analyte	Result	
Benzene	<0.5	
Toluene	<0.5	
Ethylbenzene	<0.5	
m,p-Xylenes	<0.5	
o-Xylene	<0.5	
Surrogate	%Rec	Recovery Limits
Trifluorotoluene	95	58-130
Bromobenzene	81	62-131

Lab #: 125372

BATCH QC REPORT

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TVH-Total Volatile Hydrocarbons			
Client:	Clark's Home & Garden	Analysis Method:	CA LUFT (EPA 8015M)
Project#:	960425-V-1	Prep Method:	EPA 5030
Location:	Clarks Home & Garden		
LABORATORY CONTROL SAMPLE			
Matrix:	Water	Prep Date:	05/01/96
Batch#:	27350	Analysis Date:	05/01/96
Units:	ug/L		
Diln Fac:	1		

LCS Lab ID: QC20693

Analyte	Result	Spike Added	%Rec #	Limits
Gasoline	1908	2006	95	80-120
Surrogate	%Rec	Limits		
Trifluorotoluene	103	69-120		
Bromobenzene	99	70-122		

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits

Lab #: 125372

BATCH QC REPORT

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BTXE			
Client: Clark's Home & Garden	Analysis Method: EPA 8020		
Project#: 960425-V-1	Prep Method: EPA 5030		
Location: Clarks Home & Garden			
LABORATORY CONTROL SAMPLE			
Matrix: Water	Prep Date: 05/01/96		
Batch#: 27350	Analysis Date: 05/01/96		
Units: ug/L			
Diln Fac: 1			

LCS Lab ID: QC20694

Analyte	Result	Spike Added	%Rec #	Limits
Benzene	20.7	20	104	80-120
Toluene	21.4	20	107	80-120
Ethylbenzene	20.2	20	101	80-120
m,p-Xylenes	20.1	40	101	80-120
o-Xylene	21.5	20	108	80-120
Surrogate	%Rec	Limits		
Trifluorotoluene	105	58-130		
Bromobenzene	93	62-131		

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits



Lab #: 125372

BATCH QC REPORT

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TVH-Total Volatile Hydrocarbons			
Client:	Clark's Home & Garden	Analysis Method:	CA LUFT (EPA 8015M)
Project#:	960425-V-1	Prep Method:	EPA 5030
Location:	Clarks Home & Garden		
MATRIX SPIKE/MATRIX SPIKE DUPLICATE			
Field ID:	ZZZZZZ	Sample Date:	04/26/96
Lab ID:	125375-013	Received Date:	04/26/96
Matrix:	Water	Prep Date:	05/01/96
Batch#:	27350	Analysis Date:	05/01/96
Units:	ug/L		
Diln Fac:	1		

MS Lab ID: QC20695

Analyte	Spike Added	Sample	MS	%Rec #	Limits
Gasoline	2000	<50.00	1622	81	75-125
Surrogate	%Rec	Limits			
Trifluorotoluene	93	69-120			
Bromobenzene	90	70-122			

MSD Lab ID: QC20696

Analyte	Spike Added	MSD	%Rec #	Limits	RPD #	Limit
Gasoline	2000	1746	87	75-125	7	<20
Surrogate	%Rec	Limits				
Trifluorotoluene	93	69-120				
Bromobenzene	90	70-122				

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 1 outside limits

Spike Recovery: 0 out of 2 outside limits



TEH-Tot Ext Hydrocarbons

Client: Clark's Home & Garden	Analysis Method: CA LUFT (EPA 8015M)
Project#: 960425-V-1	Prep Method: EPA 3520
Location: Clarks Home & Garden	

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
125372-001	#1	27361	04/25/96	05/01/96	05/10/96	

Analyte	Units	125372-001
Diln Fac:		1
Diesel C12-C22	ug/L	1500 YL
Surrogate		
Hexacosane	%REC	100

Y: Sample exhibits fuel pattern which does not resemble standard

L: Lighter hydrocarbons than indicated standard

Lab #: 125372

BATCH QC REPORT

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TEH-Tot Ext Hydrocarbons

Client: Clark's Home & Garden	Analysis Method: CA LUFT (EPA 8015M)
Project#: 960425-V-1	Prep Method: EPA 3520
Location: Clarks Home & Garden	

METHOD BLANK

Matrix: Water	Prep Date: 05/01/96
Batch#: 27361	Analysis Date: 05/05/96
Units: ug/L	
Diln Fac: 1	

MB Lab ID: QC20752

Analyte	Result	
Diesel C12-C22	<50	
Surrogate	%Rec	Recovery Limits
Hexacosane	102	60-140

Lab #: 125372

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TEH-Tot Ext Hydrocarbons			
Client: Clark's Home & Garden	Analysis Method: CA LUFT (EPA 8015M)		
Project#: 960425-V-1	Prep Method: EPA 3520		
Location: Clarks Home & Garden			
BLANK SPIKE/BLANK SPIKE DUPLICATE			
Matrix: Water	Prep Date:	05/01/96	
Batch#: 27361	Analysis Date:	05/05/96	
Units: ug/L			
Diln Fac: 1			

BS Lab ID: QC20753

Analyte	Spike Added	BS	%Rec #	Limits
Diesel C12-C22	2475	1949	79	60-140
Surrogate	%Rec	Limits		
Hexacosane	100	60-140		

BSD Lab ID: QC20754

Analyte	Spike Added	BSD	%Rec #	Limits	RPD #	Limit
Diesel C12-C22	2565	1958	79	60-140	0	<35
Surrogate	%Rec	Limits				
Hexacosane	93	60-140				

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 1 outside limits

Spike Recovery: 0 out of 2 outside limits

BLAINE TECH SERVICES INC

125372

985 TIMOTHY DRIVE
SAN JOSE, CA 95133
(408) 995-5535
FAX (408) 293-8773

CONDUCT ANALYSIS TO DETECT

LAB Curtis & Thompkins DHS # _____

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

- EPA
- LIA
- OTHER

RWOCB REGION _____

CHAIN OF CUSTODY
 960425-V-1
 CLIENT Chester Clark
 SITE Clark's Home & Garden
23040 Clawiter Rd.
Hayward, CA.

C = COMPOSITE ALL CONTAINERS

TPH-GAS, BTEX
TPH-Diesel

SPECIAL INSTRUCTIONS IF Benzene concentration is greater than 5 ppb, run by 8240.
- Invoice & Report to Chester Clark
CL: Blaine Tech Services

SAMPLE I.D.	MATRIX S = SOIL W = H2O	CONTAINERS TOTAL	C = COMPOSITE ALL CONTAINERS		TPH-GAS, BTEX	TPH-Diesel						ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
#1	W	7	VOA/cte		✓	✓									

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN	
	4-25-96	8:00	F.A. VANDEW... <i>[Signature]</i>	"AS Contracted"	
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
<i>[Signature]</i>	4-29-96	1100	<i>[Signature]</i>	4-29-96	1100
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
SHIPPED VIA	DATE SENT	TIME SENT	COOLER #		