



July 18, 2006

Mr. Steve Miller  
MAUI LANI 100 L.L.C.  
105 N. Market Street  
Wailuku, HI 96793

Clayton Project No. 17006-006370.00

Subject: Limited Investigation for Soil Acceptance for Maui Lani VMX Development, Maui, Hawaii

Dear Mr. Miller:

On June 21, 2006, Clayton Group Services (Clayton), a Bureau Veritas company, conducted a limited soil investigation to assist in the assessment of the acceptability of soil to be used at the Maui Lani VMX Development located on the Island of Maui, Hawaii.

The subject soil was generated from sugar cane cultivation operations. When sugar cane is harvested, the sugar cane is uprooted along with the top soil. The soil is washed from the sugar cane during the preparation process and the removed soil and wastewater goes into a drainage ditch. Over time, the soil settles along the bottom of the drainage ditch. To prevent clogging of the drainage ditch, the soil is removed from the drainage ditch and piled along the side of the ditch.

The purpose of this limited soil investigation was to: (1) collect discrete soil samples from the soils removed from the drainage ditch, at a screening level frequency, and analyze soil samples at the site for contaminants most likely to be present based on its relationship with historical sugar cane activities; (2) assess whether the levels of chemical constituents are above or below the State of Hawaii Department of Health (DOH) Environmental Action Levels (EALs) and/or United States Environmental Protection Agency (EPA) Region IX Preliminary Remediation Goals for Residential Soil (PRG-Rs); and (3) provide data that will assist Maui Lani 100 L.L.C. in its decision regarding the acceptability of the soil.

#### SAMPLING AND ANALYSES

On June 21, 2006, Clayton personnel were escorted to the subject soil stockpile by Mr. Gary Kawano, Operations Manager for Maui Lani L.L.C. Figure 1, presented as Attachment 1, shows the general location of the soil stockpile. Mr. Robert Gibbens, Soil Engineer for Hawaii Geotechnical Consultants met Clayton Personnel at the site. Mr. Gibbens had previously collected four samples from the soil excavated from the sugar cane drainage ditch for physical analysis. The portion of the soil stockpile along the drainage ditch was approximately 500-feet in length. Photographs 1 through, presented in Attachment 2, show views of the soil stockpile and soil sampling locations.

Clayton collected five soil samples (SS1 to SS5) for chemical analysis. Four of the soil sample locations were collected from the areas where Mr. Gibbens had previously collected soil samples for structural analysis. The fifth soil sample was collected from a random location.

#### **Clayton Group Services, Inc.**

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Soil samples were collected at 6 to 8 inches below the surface of the soil stockpile using a stainless steel trowel. The soil samples were contained in 8-ounce wide mouth glass jars with Teflon-lined caps and in 5-milligram Encore™ samplers. The glass jars were immediately labeled and placed on ice to keep the samples at a temperature of 4 degrees centigrade (°C) or below. The Encore™ samplers were immediately labeled and placed on dry ice. The samples were logged on a chain-of-custody form that accompanied the samples to the laboratory.

The sampling equipment was cleaned between each sample location. The equipment cleaning process involved brushing or scraping off excess soil particles, washing in a non-phosphate detergent solution, and then double rinsing with water.

A photoionization detector (PID) was used to monitor for volatile organic vapors in the soil headspace. No volatile organic vapors were detected with the PID. In addition, no odors were detected nor staining observed on the soil.

#### SOIL ANALYTICAL RESULTS

The soil samples were analyzed for (1) volatile organic compounds (VOCs) by EPA Method 8260B; (2) chlorinated herbicides by EPA Method 8151A; (3) organochlorine pesticides by EPA Method 8081A; (4) organophosphorus pesticides by EPA Method 8141A; and (5) total metals as lead and arsenic by EPA Method 6010B. The complete analytical reports are presented in Attachment 4. A table summarizing laboratory results is presented as Attachment 3.

Laboratory analytical results were compared to the most stringent Environmental Action Levels (EALs) presented by the State of Hawaii Department of Health (DOH), which are for sites where the underlying groundwater is a current or potential source of drinking water and located within 150 meters of a surface water body. The analytical results were also compared to the EPA Region IX PRG-R.

The laboratory results indicated that total metals as arsenic and lead, organophosphorus pesticides, and chlorinated herbicides were not detected in the soil samples.

VOC analysis indicated a detectable concentration of chloroform in sample SS3 at 0.004 milligrams per kilogram (mg/kg). However, this concentration is below the DOH EAL of 0.018 mg/kg and the EPA PRG-R of 0.22 mg/kg. The remaining VOC compounds were not detected in the soil samples.

Organochlorine pesticide analysis indicated detectable concentrations of 4,4'-DDE in samples SS2, SS4, and SS5 ranging from 0.0057 to 0.012 mg/kg. However, these concentrations were below the DOH EAL of 2.4 mg/kg and the EPA PRG-R of 1.7 mg/kg. The remaining organochlorine pesticides were not detected in the soil samples.

#### RECOMMENDATION

We recommend that if Maui Lani 100 L.L.C. accepts the soil for use as surface cover material at the Maui Lani VMX Development site, that additional sampling and analyses be conducted during transport and once the soil is deposited to its final location and grade.



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If you have any questions regarding this letter report or the associated analytical results, please contact us at 808.531.6708.

Sincerely,

Virgil Kong  
Geologist  
Honolulu Regional Office

John P. Rau, R.G.  
Senior Geologist/Manager  
Honolulu Regional Office

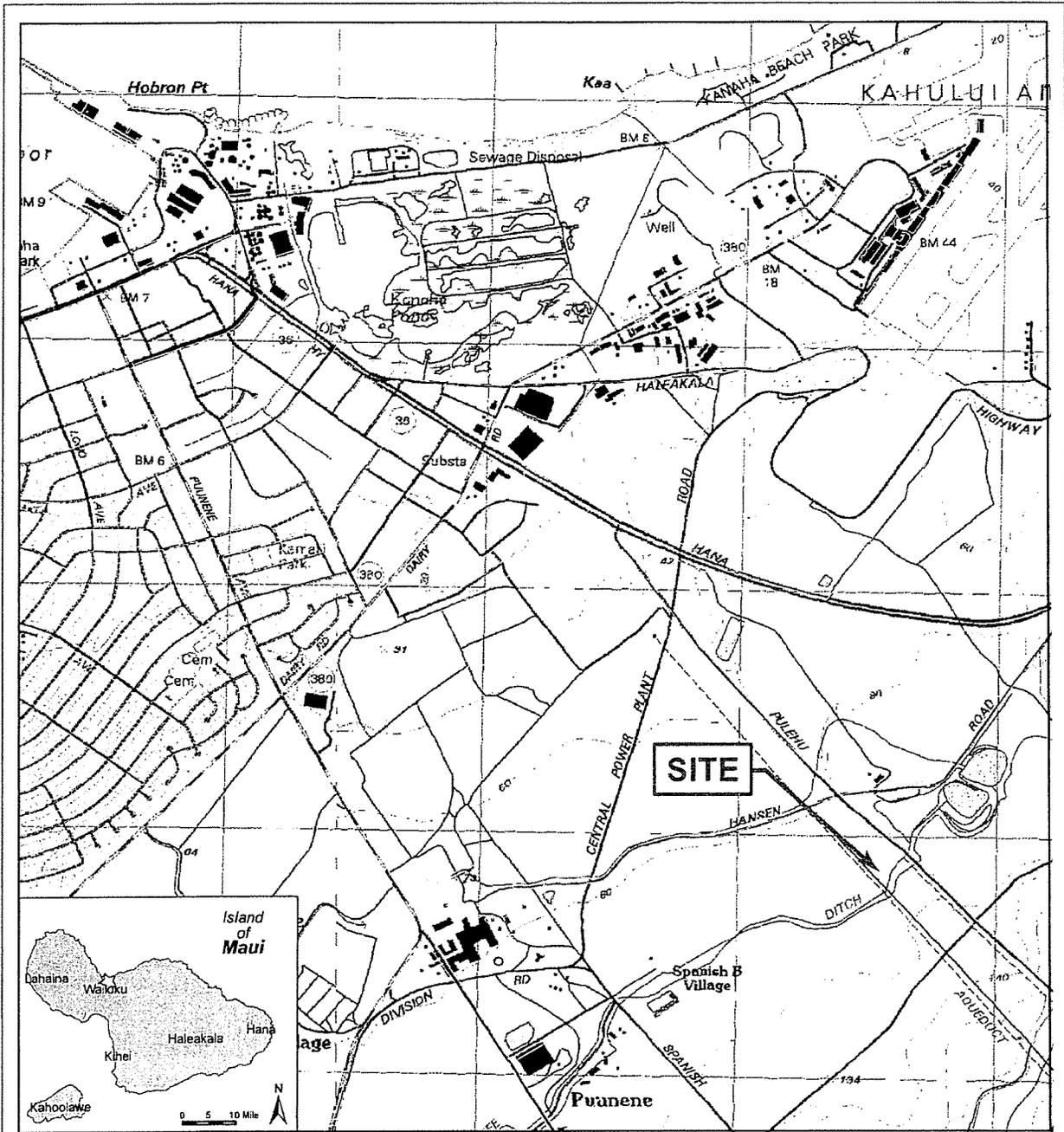
Attachments:

- 1 Figure
- 2 Photographs
- 3 Summary of Laboratory Results
- 4 Laboratory Report

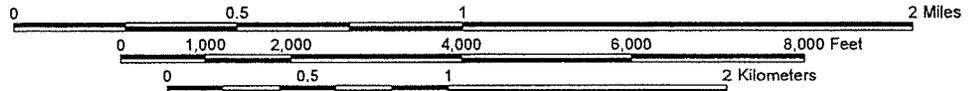


**ATTACHMENT 1**

**FIGURE**



1:24,000



Portion of 7 5-minute Series (Topographic) Maps  
 USGS, Paia Quadrangle 1997, Wailuku Quadrangle 1997, Maui County, Hawaii

 <b>BUREAU OF LAND MANAGEMENT</b> <b>VERITAS</b>	Project No.: 17006-006370.00	Title: <b>Site Location Map</b>	<b>FIGURE</b>  <b>1</b>
	Date: 07/14/2006	Location: Maui Lani VMX Development Island of Maui, Hawaii	
	Revised By: RC		
	Checked By: VK	Client: Maui Lani 100 LLC	



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**ATTACHMENT 2  
PHOTOGRAPHS**



<b>Clayton Project No.</b> 17006-006370.00	<b>Description</b>	View of drainage ditch	<b>Photo 1</b>
	<b>Site Name</b>	Maui Lani VMX Development, Island of Maui, Hawaii	<b>Photo Date</b> June 21, 2006
	<b>Client</b>	Maui Lani 100 LLC	



<b>Clayton Project No.</b> 17006-006370.00	<b>Description</b>	View sample location SS1	<b>Photo 2</b>
	<b>Site Name</b>	Maui Lani VMX Development, Island of Maui, Hawaii	<b>Photo Date</b> June 21, 2006
	<b>Client</b>	Maui Lani 100 LLC	



<b>Clayton Project No.</b> 17006-006370.00	<b>Description</b>	View of sample location SS2	<b>Photo 3</b>  <b>Photo Date</b> June 21, 2006
	<b>Site Name</b>	Maui Lani VMX Development, Island of Maui, Hawaii	
	<b>Client</b>	Maui Lani 100 LLC	



<b>Clayton Project No.</b> 17006-006370.00	<b>Description</b>	View of sample location SS3	<b>Photo 4</b>  <b>Photo Date</b> June 21, 2006
	<b>Site Name</b>	Maui Lani VMX Development, Island of Maui, Hawaii	
	<b>Client</b>	Maui Lani 100 LLC	



<b>Clayton Project No.</b> 17006-006370.00	<b>Description</b>	View of sample location SS4	<b>Photo 5</b>  <b>Photo Date</b> June 21, 2006
	<b>Site Name</b>	Maui Lani VMX Development, Island of Maui, Hawaii	
	<b>Client</b>	Maui Lani 100 LLC	



<b>Clayton Project No.</b> 17006-006370.00	<b>Description</b>	View of sample location SS5	<b>Photo 6</b>  <b>Photo Date</b> June 21, 2006
	<b>Site Name</b>	Maui Lani VMX Development, Island of Maui, Hawaii	
	<b>Client</b>	Maui Lani 100 LLC	



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### **ATTACHMENT 3**

## **SUMMARY OF LABORATORY RESULTS**



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**Table  
Laboratory Analytical Results  
Maui Lani VMX Development  
Island of Maui, Hawaii**

**Clayton Project No. 17006-006370.00**

Sample ID:	SS1	SS2	SS3	SS4	SS5	DOH EAL	EPA PRG-R
Date Sampled:	6/21/2006	6/21/2006	6/21/2006	6/21/2006	6/21/2006		
Analyte	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
<b>Volatile Organic Compounds (VOCs)/EPA Method 8260B</b>							
Benzene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	0.22	0.64
Bromobenzene	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	NS	28
Bromochloromethane	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	NS	NS
Bromodichloromethane	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	0.0034	0.82
Bromoform	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	2.2	62
Bromomethane	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	0.34	3.9
n-Butylbenzene	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	NS	240
sec-Butylbenzene	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	NS	220
tert-Butylbenzene	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	NS	390
Carbon Tetrachloride	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	0.027	0.25
Chlorobenzene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	1.5	150
Chloroethane	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	0.27	3
Chloroform	ND<0.0022	ND<0.0025	0.004	ND<0.0019	ND<0.0036	0.018	0.22
Chloromethane	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	16	47
2-Chlorotoluene	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	NS	160
4-Chlorotoluene	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	NS	160
Dibromochloromethane	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	0.011	1.1
<i>1,2-Dibromo-3-Chloropropane</i>	<i>ND&lt;0.0055</i>	<i>ND&lt;0.0062</i>	<i>ND&lt;0.0056</i>	<i>ND&lt;0.0047</i>	<i>ND&lt;0.009</i>	<i>0.0009</i>	<i>0.46</i>
<i>1,2-Dibromoethane</i>	<i>ND&lt;0.0022</i>	<i>ND&lt;0.0025</i>	<i>ND&lt;0.0023</i>	<i>ND&lt;0.0019</i>	<i>ND&lt;0.0036</i>	<i>0.000052</i>	<i>0.032</i>
Dibromomethane	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	NS	NS
1,2-Dichlorobenzene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	1.1	600
1,3-Dichlorobenzene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	7.4	530
1,4-Dichlorobenzene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	0.065	3.4
Dichlorodifluoromethane	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	NS	94
1,1-Dichloroethane	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	1.9	510
<i>1,2-Dichloroethane</i>	<i>ND&lt;0.0022</i>	<i>ND&lt;0.0025</i>	<i>ND&lt;0.0023</i>	<i>ND&lt;0.0019</i>	<i>ND&lt;0.0036</i>	<i>0.0011</i>	<i>0.28</i>
1,1-Dichloroethene	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	1.2	120
cis-1,2-Dichloroethene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	2.2	43
trans-1,2-Dichloroethene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	6.7	69
1,2-Dichloropropane	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	0.021	0.34
1,3-Dichloropropane	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	NS	100
2,2-Dichloropropane	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	NS	NS
1,1-Dichloropropene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	NS	NS
cis-1,3-Dichloropropene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	NS	0.78



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Table (continued)

Sample ID: Date Sampled	SS1 6/21/2006 (mg/kg)	SS2 6/21/2006 (mg/kg)	SS3 6/21/2006 (mg/kg)	SS4 6/21/2006 (mg/kg)	SS5 6/21/2006 (mg/kg)	DOH EAL (mg/kg)	EPA PRG-R (mg/kg)
<b>Volatiles Organic Compounds (VOCs) / EPA 8260B (continued)</b>							
trans-1,3-Dichloropropene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	NS	0.78
Ethylbenzene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	3.3	400
Hexachlorobutadiene	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	4.3	6.2
Isopropylbenzene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	NS	NS
p-Isopropyltoluene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	NS	NS
Methylene Chloride	ND<0.022	ND<0.025	ND<0.023	ND<0.019	ND<0.036	0.067	9.1
Naphthalene	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	1.2	NS
n-Propylbenzene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	NS	240
Styrene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	1.5	1700
1,1,1,2-Tetrachloroethane	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	0.0076	3.2
1,1,2,2-Tetrachloroethane	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	0.00099	0.41
Tetrachloroethene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	0.069	0.48
Toluene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	2.9	520
1,2,3-Trichlorobenzene	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	NS	NS
1,2,4-Trichlorobenzene	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	1.6	62
1,1,1-Trichloroethane	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	7.8	1200
1,1,2-Trichloroethane	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	0.026	0.73
Trichloroethene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	0.036	0.053
Trichlorofluoromethane	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	NS	390
1,2,3-Trichloropropane	ND<0.011	ND<0.012	ND<0.011	ND<0.0094	ND<0.018	NS	0.034
1,2,4-Trimethylbenzene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	NS	52
1,3,5-Trimethylbenzene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	NS	21
Vinyl Chloride	ND<0.0055	ND<0.0062	ND<0.0056	ND<0.0047	ND<0.009	0.039	0.079
o-Xylene	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	2.3	270
m,p-Xylenes	ND<0.0022	ND<0.0025	ND<0.0023	ND<0.0019	ND<0.0036	2.3	270
<b>Organochlorine Pesticides / EPA Method 8081A</b>							
Aldrin	ND<0.0099	ND<0.005	ND<0.01	ND<0.01	ND<0.005	0.029	0.029
alpha-BHC	ND<0.0099	ND<0.005	ND<0.01	ND<0.01	ND<0.005	NS	0.09
beta-BHC	ND<0.0099	ND<0.005	ND<0.01	ND<0.01	ND<0.005	NS	0.32
delta-BHC	ND<0.02	ND<0.01	ND<0.02	ND<0.02	ND<0.01	NS	NS
gamma-BHC (Lindane)	ND<0.0099	ND<0.005	ND<0.01	ND<0.01	ND<0.005	0.049	0.44
Chlordane	ND<0.099	ND<0.05	ND<0.1	ND<0.1	ND<0.05	1.6	1.6
4,4'-DDD	ND<0.0099	ND<0.005	ND<0.01	ND<0.01	ND<0.005	2.4	2.4
4,4'-DDE	ND<0.0099	0.0085	ND<0.01	0.012	0.0057	2.4	1.7
4,4'-DDT	ND<0.0099	ND<0.005	ND<0.01	ND<0.01	ND<0.005	1.7	1.7
Dieldrin	ND<0.0099	ND<0.005	ND<0.01	ND<0.01	ND<0.005	0.0023	0.03
Endosulfan I	ND<0.0099	ND<0.005	ND<0.01	ND<0.01	ND<0.005	0.0046	370
Endosulfan II	ND<0.0099	ND<0.005	ND<0.01	ND<0.01	ND<0.005	0.0046	370
Endosulfan Sulfate	ND<0.02	ND<0.01	ND<0.02	ND<0.02	ND<0.01	NS	NS
Endrin	ND<0.0099	ND<0.005	ND<0.01	ND<0.01	ND<0.005	0.00065	18



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Table (continued)

Sample ID: Date Sampled	SS1 6/21/2006 (mg/kg)	SS2 6/21/2006 (mg/kg)	SS3 6/21/2006 (mg/kg)	SS4 6/21/2006 (mg/kg)	SS5 6/21/2006 (mg/kg)	DOH EAL (mg/kg)	EPA PRG-R (mg/kg)
<b>Organochlorine Pesticides / EPA Method 8081A (continued)</b>							
Endrin Aldehyde	ND<0.0099	ND<0.005	ND<0.01	ND<0.01	ND<0.005	NS	NS
Endrin Ketone	ND<0.0099	ND<0.005	ND<0.01	ND<0.01	ND<0.005	NS	NS
Heptachlor	ND<0.0099	ND<0.005	ND<0.01	ND<0.01	ND<0.005	0.013	0.11
Heptachlor epoxide	ND<0.0099	ND<0.005	ND<0.01	ND<0.01	ND<0.005	0.014	0.053
Methoxychlor	ND<0.0099	ND<0.005	ND<0.01	ND<0.01	ND<0.005	19	310
Toxaphene	ND<0.4	ND<0.2	ND<0.4	ND<0.4	ND<0.2	0.00042	0.44
<b>Total Metals / EPA Method 6010B</b>							
Arsenic	ND<20	ND<20	ND<20	ND<20	ND<20	22	0.39
Lead	ND<20	ND<20	ND<20	ND<20	ND<20	200 (400)	400
<b>Organophosphorus Pesticides / EPA Method 8141A</b>							
Azinphos Methyl	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	NS
Bolstar	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	NS
Chlorpyrifos	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	180
Coumaphos	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	NS
Demeton	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	2.4
Demeton, total	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	2.4
Diazinon	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	55
Dichlorvos	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	1.7
Dimethoate	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	12
Disulfoton	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	2.4
Ethoprop	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	NS
Fensulfothion	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	NS
EPN	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	NS
Fenthion	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	NS
Malathion	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	1200
Mevinphos	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	NS
Parathion-methyl	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	370
Parathion-ethyl	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	370
Phorate	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	12
Ronnel	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	3100
Stirophos (Tetrachlorvinphos)	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	20
Tokuthion (Prothiofos)	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	NS
Trichloronate	ND<0.0402	ND<0.0402	ND<0.0401	ND<0.0403	ND<0.0399	NS	NS
<b>Chlorinated Herbicides / EPA Method 8151A</b>							
2,4-D	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	NS	690
2,4-DB	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	NS	490
2,4,5-T	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	NS	610
2,4,5-TP (Silvex)	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	NS	490
Dalapon	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	NS	1800
Dicamba	ND<0.04	ND<0.04	ND<0.04	ND<0.04	ND<0.04	NS	1800



**BUREAU  
VERITAS**

Table (continued)

Sample ID:	SS1	SS2	SS3	SS4	SS5	DOH EAL (mg/kg)	EPA PRG-R (mg/kg)
Date Sampled	6/21/2006 (mg/kg)	6/21/2006 (mg/kg)	6/21/2006 (mg/kg)	6/21/2006 (mg/kg)	6/21/2006 (mg/kg)		
Analyte							
<b>Chlorinated Herbicides / EPA Method 8151A (continued)</b>							
Dichlorprop	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	NS	NS
Dinoseb	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	NS	61
MCPA	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	NS	31
MCPP	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	NS	61

**NOTES:**

DOH Interim Final EAL

State of Hawaii Department of Health Environmental Action Levels at sites where groundwater IS a current or potential drinking water resource. Surface water body IS located within 150 meters of the site (MAY 2005)

EPA PRG-R

United States Environmental Protection Agency Preliminary Remediation Goals for Residential Soil

mg/kg

milligrams per kilogram

NS

No standard established

ND

Analyte not detected

<

The number following the "less than" symbol is the laboratory Method Detection Limit

italic

Indicates the laboratory MDL is greater than the DOH Interim Final EAL

bold

Indicates a detectable concentration above the DOH Interim Lowest Threshold EAL

Analyses performed by TestAmerica, Irvine, CA



**ATTACHMENT 4**  
**LABORATORY REPORT**

## LABORATORY REPORT

Prepared For: Clayton Group Services, Honolulu  
970 N. Kalaheo Avenue, C-316  
Kailua, HI 96734  
Attention: Virgil Kong

Project: Maui Lani  
85-04265

Sampled: 06/21/06  
Received: 06/22/06  
Issued: 07/13/06 09:35

NELAP #01108CA

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain(s) of Custody, 3 pages, are included and are an integral part of this report. This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

ADDITIONAL INFORMATION: For 8141 OPP analysis, the 6061196-BS1 had no spike recovery. All samples in that batch were re-extracted per SOP. Sample IPF2368-05 RE1 had no surrogate recovery; however all surrogates for that sample met criteria during the initial extraction. Data is ND from both the runs. Both sets of data for sample IPF2368-05 are reported.

LABORATORY ID	CLIENT ID	MATRIX
IPF2368-01	SS1	Soil
IPF2368-02	SS2	Soil
IPF2368-03	SS3	Soil
IPF2368-04	SS4	Soil
IPF2368-05	SS5	Soil

Reviewed By:



TestAmerica - Irvine, CA  
Sushmitha Reddy  
Project Manager

Clayton Group Services, Honolulu  
 970 N. Kalaheo Avenue, C-316  
 Kailua, HI 96734  
 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IPF2368-01 (SS1 - Soil)</b>								
<b>Reporting Units: ug/kg</b>								
Benzene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
Bromobenzene	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
Bromochloromethane	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
Bromodichloromethane	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
Bromoform	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
Bromomethane	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
n-Butylbenzene	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
sec-Butylbenzene	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
tert-Butylbenzene	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
Carbon tetrachloride	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
Chlorobenzene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
Chloroethane	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
Chloroform	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
Chloromethane	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
2-Chlorotoluene	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
4-Chlorotoluene	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
Dibromochloromethane	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,2-Dibromo-3-chloropropane	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,2-Dibromoethane (EDB)	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
Dibromomethane	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,2-Dichlorobenzene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,3-Dichlorobenzene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,4-Dichlorobenzene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
Dichlorodifluoromethane	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,1-Dichloroethane	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,2-Dichloroethane	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,1-Dichloroethene	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
cis-1,2-Dichloroethene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
trans-1,2-Dichloroethene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,2-Dichloropropane	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,3-Dichloropropane	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
2,2-Dichloropropane	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,1-Dichloropropene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
cis-1,3-Dichloropropene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
trans-1,3-Dichloropropene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
Ethylbenzene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
Hexachlorobutadiene	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
Isopropylbenzene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
p-Isopropyltoluene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
Methylene chloride	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
Naphthalene	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I

TestAmerica - Irvine, CA  
 Sushmitha Reddy  
 Project Manager

Clayton Group Services, Honolulu  
970 N. Kalaheo Avenue, C-316  
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Attention: Virgil Kong

Project ID: Maui Lani  
85-04265  
Report Number: IPF2368

Sampled: 06/21/06  
Received: 06/22/06

## VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPF2368-01 (SS1 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
Styrene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,1,1,2-Tetrachloroethane	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,1,2,2-Tetrachloroethane	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
Tetrachloroethene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
Toluene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,2,3-Trichlorobenzene	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,2,4-Trichlorobenzene	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,1,1-Trichloroethane	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,1,2-Trichloroethane	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
Trichloroethene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
Trichlorofluoromethane	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,2,3-Trichloropropane	EPA 8260B	6F26029	11	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,2,4-Trimethylbenzene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
1,3,5-Trimethylbenzene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
Vinyl chloride	EPA 8260B	6F26029	5.5	ND	1.09	6/26/2006	6/26/2006	A-01, I
o-Xylene	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
m,p-Xylenes	EPA 8260B	6F26029	2.2	ND	1.09	6/26/2006	6/26/2006	A-01, I
Surrogate: Dibromofluoromethane (80-125%)				95 %				
Surrogate: Toluene-d8 (80-120%)				98 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				80 %				

TestAmerica - Irvine, CA  
Sushmitha Reddy  
Project Manager

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IPF2368 <Page 3 of 45>

Clayton Group Services, Honolulu  
970 N. Kalaeo Avenue, C-316  
Kailua, HI 96734  
Attention: Virgil Kong

Project ID: Maui Lani  
85-04265  
Report Number: IPF2368

Sampled: 06/21/06  
Received: 06/22/06

## VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IPF2368-02 (SS2 - Soil)</b>								
<b>Reporting Units: ug/kg</b>								
Benzene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	
Bromobenzene	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	A-01, I
Bromochloromethane	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	
Bromodichloromethane	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	
Bromoform	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	A-01, I
Bromomethane	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	
n-Butylbenzene	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	A-01, I
sec-Butylbenzene	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	A-01, I
tert-Butylbenzene	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	A-01, I
Carbon tetrachloride	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	
Chlorobenzene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	I, A-01
Chloroethane	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	
Chloroform	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	
Chloromethane	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	
2-Chlorotoluene	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	A-01, I
4-Chlorotoluene	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	A-01, I
Dibromochloromethane	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	A-01, I
1,2-Dibromo-3-chloropropane	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	I, A-01
1,2-Dibromoethane (EDB)	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	I, A-01
Dibromomethane	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	
1,2-Dichlorobenzene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	I, A-01
1,3-Dichlorobenzene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	I, A-01
1,4-Dichlorobenzene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	I, A-01
Dichlorodifluoromethane	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	
1,1-Dichloroethane	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	
1,2-Dichloroethane	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	
1,1-Dichloroethene	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	
cis-1,2-Dichloroethene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	
trans-1,2-Dichloroethene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	
1,2-Dichloropropane	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	
1,3-Dichloropropane	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	I, A-01
2,2-Dichloropropane	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	
1,1-Dichloropropene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	
cis-1,3-Dichloropropene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	
trans-1,3-Dichloropropene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	
Ethylbenzene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	I, A-01
Hexachlorobutadiene	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	I, A-01
Isopropylbenzene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	I, A-01
p-Isopropyltoluene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	A-01, I
Methylene chloride	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	
Naphthalene	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	A-01, I

TestAmerica - Irvine, CA  
Sushmitha Reddy  
Project Manager

Clayton Group Services, Honolulu  
970 N. Kalaheo Avenue, C-316  
Kailua, HI 96734  
Attention: Virgil Kong

Project ID: Maui Lani  
85-04265  
Report Number: IPF2368

Sampled: 06/21/06  
Received: 06/22/06

## VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPF2368-02 (SS2 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	I, A-01
Styrene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	A-01, I
1,1,1,2-Tetrachloroethane	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	I, A-01
1,1,2,2-Tetrachloroethane	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	I, A-01
Tetrachloroethene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	A-01, I
Toluene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	
1,2,3-Trichlorobenzene	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	A-01, I
1,2,4-Trichlorobenzene	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	A-01, I
1,1,1-Trichloroethane	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	
1,1,2-Trichloroethane	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	
Trichloroethene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	
Trichlorofluoromethane	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	
1,2,3-Trichloropropane	EPA 8260B	6F26029	12	ND	1.24	6/26/2006	6/26/2006	A-01, I
1,2,4-Trimethylbenzene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	A-01, I
1,3,5-Trimethylbenzene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	I, A-01
Vinyl chloride	EPA 8260B	6F26029	6.2	ND	1.24	6/26/2006	6/26/2006	
o-Xylene	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	A-01, I
m,p-Xylenes	EPA 8260B	6F26029	2.5	ND	1.24	6/26/2006	6/26/2006	I, A-01
Surrogate: Dibromofluoromethane (80-125%)				97 %				
Surrogate: Toluene-d8 (80-120%)				98 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				76 %				A-01, Z

TestAmerica - Irvine, CA  
Sushmitha Reddy  
Project Manager

Clayton Group Services, Honolulu  
 970 N. Kalaheo Avenue, C-316  
 Kailua, HI 96734  
 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IPF2368-03 (SS3 - Soil)</b>								
<b>Reporting Units: ug/kg</b>								
Benzene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	
Bromobenzene	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	A-01, I
Bromochloromethane	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	
Bromodichloromethane	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	
Bromoform	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	A-01, I
Bromomethane	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	
n-Butylbenzene	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	A-01, I
sec-Butylbenzene	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	A-01, I
tert-Butylbenzene	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	A-01, I
Carbon tetrachloride	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	
Chlorobenzene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	A-01, I
Chloroethane	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	
<b>Chloroform</b>	EPA 8260B	6F26029	2.3	4.0	1.13	6/26/2006	6/26/2006	
Chloromethane	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	
2-Chlorotoluene	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	A-01, I
4-Chlorotoluene	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	A-01, I
Dibromochloromethane	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	A-01, I
1,2-Dibromo-3-chloropropane	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	A-01, I
1,2-Dibromoethane (EDB)	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	A-01, I
Dibromomethane	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	
1,2-Dichlorobenzene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	A-01, I
1,3-Dichlorobenzene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	A-01, I
1,4-Dichlorobenzene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	A-01, I
Dichlorodifluoromethane	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	
1,1-Dichloroethane	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	
1,2-Dichloroethane	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	
1,1-Dichloroethene	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	
cis-1,2-Dichloroethene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	
trans-1,2-Dichloroethene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	
1,2-Dichloropropane	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	
1,3-Dichloropropane	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	A-01, I
2,2-Dichloropropane	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	
1,1-Dichloropropene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	
cis-1,3-Dichloropropene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	
trans-1,3-Dichloropropene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	
Ethylbenzene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	A-01, I
Hexachlorobutadiene	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	A-01, I
Isopropylbenzene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	A-01, I
p-Isopropyltoluene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	A-01, I
Methylene chloride	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	
Naphthalene	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	A-01, I

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 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IPF2368-03 (SS3 - Soil) - cont.</b>								
<b>Reporting Units: ug/kg</b>								
n-Propylbenzene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	A-01, I
Styrene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	A-01, I
1,1,1,2-Tetrachloroethane	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	A-01, I
1,1,2,2-Tetrachloroethane	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	A-01, I
Tetrachloroethene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	A-01, I
Toluene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	
1,2,3-Trichlorobenzene	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	A-01, I
1,2,4-Trichlorobenzene	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	A-01, I
1,1,1-Trichloroethane	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	
1,1,2-Trichloroethane	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	
Trichloroethene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	
Trichlorofluoromethane	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	
1,2,3-Trichloropropane	EPA 8260B	6F26029	11	ND	1.13	6/26/2006	6/26/2006	A-01, I
1,2,4-Trimethylbenzene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	A-01, I
1,3,5-Trimethylbenzene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	A-01, I
Vinyl chloride	EPA 8260B	6F26029	5.6	ND	1.13	6/26/2006	6/26/2006	
o-Xylene	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	A-01, I
m,p-Xylenes	EPA 8260B	6F26029	2.3	ND	1.13	6/26/2006	6/26/2006	A-01, I
Surrogate: Dibromofluoromethane (80-125%)				99 %				
Surrogate: Toluene-d8 (80-120%)				99 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				74 %				A-01, Z

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Project ID: Maui Lani  
85-04265  
Report Number: IPF2368

Sampled: 06/21/06  
Received: 06/22/06

## VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPF2368-04 (SS4 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
Bromobenzene	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	A-01, I
Bromochloromethane	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	
Bromodichloromethane	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
Bromoform	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	A-01, I
Bromomethane	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	
n-Butylbenzene	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	A-01, I
sec-Butylbenzene	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	A-01, I
tert-Butylbenzene	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	A-01, I
Carbon tetrachloride	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	
Chlorobenzene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	A-01, I
Chloroethane	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	
Chloroform	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
Chloromethane	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	
2-Chlorotoluene	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	A-01, I
4-Chlorotoluene	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	A-01, I
Dibromochloromethane	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
1,2-Dibromo-3-chloropropane	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	A-01, I
1,2-Dibromoethane (EDB)	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	A-01, I
Dibromomethane	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
1,2-Dichlorobenzene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	A-01, I
1,3-Dichlorobenzene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	A-01, I
1,4-Dichlorobenzene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	A-01, I
Dichlorodifluoromethane	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	
1,1-Dichloroethane	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
1,2-Dichloroethane	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
1,1-Dichloroethene	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	
cis-1,2-Dichloroethene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
trans-1,2-Dichloroethene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
1,2-Dichloropropane	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
1,3-Dichloropropane	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	A-01, I
2,2-Dichloropropane	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
1,1-Dichloropropene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
cis-1,3-Dichloropropene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
trans-1,3-Dichloropropene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
Ethylbenzene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	A-01, I
Hexachlorobutadiene	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	A-01, I
Isopropylbenzene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	A-01, I
p-Isopropyltoluene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	A-01, I
Methylene chloride	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
Naphthalene	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	A-01, I

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Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IPF2368-04 (SS4 - Soil) - cont.</b>								
<b>Reporting Units: ug/kg</b>								
n-Propylbenzene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	A-01, I
Styrene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	A-01, I
1,1,1,2-Tetrachloroethane	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	A-01, I
1,1,2,2-Tetrachloroethane	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	A-01, I
Tetrachloroethene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	A-01, I
Toluene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
1,2,3-Trichlorobenzene	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	A-01, I
1,2,4-Trichlorobenzene	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	I, A-01
1,1,1-Trichloroethane	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
1,1,2-Trichloroethane	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
Trichloroethene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	
Trichlorofluoromethane	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	
1,2,3-Trichloropropane	EPA 8260B	6F26029	9.4	ND	0.94	6/26/2006	6/26/2006	A-01, I
1,2,4-Trimethylbenzene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	A-01, I
1,3,5-Trimethylbenzene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	A-01, I
Vinyl chloride	EPA 8260B	6F26029	4.7	ND	0.94	6/26/2006	6/26/2006	
o-Xylene	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	A-01, I
m,p-Xylenes	EPA 8260B	6F26029	1.9	ND	0.94	6/26/2006	6/26/2006	A-01, I
Surrogate: Dibromofluoromethane (80-125%)				100 %				
Surrogate: Toluene-d8 (80-120%)				102 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				84 %				

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 Sushmitha Reddy  
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Clayton Group Services, Honolulu  
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Project ID: Maui Lani  
85-04265  
Report Number: IPF2368

Sampled: 06/21/06  
Received: 06/22/06

## VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPF2368-05 (SS5 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	
Bromobenzene	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	A-01, I
Bromochloromethane	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	
Bromodichloromethane	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	
Bromoform	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	A-01, I
Bromomethane	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	
n-Butylbenzene	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	A-01, I
sec-Butylbenzene	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	A-01, I
tert-Butylbenzene	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	A-01, I
Carbon tetrachloride	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	
Chlorobenzene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	A-01, I
Chloroethane	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	
Chloroform	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	
Chloromethane	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	
2-Chlorotoluene	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	A-01, I
4-Chlorotoluene	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	A-01, I
Dibromochloromethane	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	A-01, I
1,2-Dibromo-3-chloropropane	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	A-01, I
1,2-Dibromoethane (EDB)	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	A-01, I
Dibromomethane	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	
1,2-Dichlorobenzene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	A-01, I
1,3-Dichlorobenzene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	A-01, I
1,4-Dichlorobenzene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	A-01, I
Dichlorodifluoromethane	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	
1,1-Dichloroethane	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	
1,2-Dichloroethane	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	
1,1-Dichloroethene	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	
cis-1,2-Dichloroethene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	
trans-1,2-Dichloroethene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	
1,2-Dichloropropane	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	
1,3-Dichloropropane	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	A-01, I
2,2-Dichloropropane	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	
1,1-Dichloropropene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	
cis-1,3-Dichloropropene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	
trans-1,3-Dichloropropene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	
Ethylbenzene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	A-01, I
Hexachlorobutadiene	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	A-01, I
Isopropylbenzene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	A-01, I
p-Isopropyltoluene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	A-01, I
Methylene chloride	EPA 8260B	6F26029	36	ND	1.8	6/26/2006	6/26/2006	
Naphthalene	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	A-01, I

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 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IPF2368-05 (SS5 - Soil) - cont.</b>								
<b>Reporting Units: ug/kg</b>								
n-Propylbenzene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	A-01, I
Styrene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	A-01, I
1,1,1,2-Tetrachloroethane	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	A-01, I
1,1,2,2-Tetrachloroethane	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	A-01, I
Tetrachloroethene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	A-01, I
Toluene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	
1,2,3-Trichlorobenzene	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	A-01, I
1,2,4-Trichlorobenzene	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	A-01, I
1,1,1-Trichloroethane	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	
1,1,2-Trichloroethane	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	
Trichloroethene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	
Trichlorofluoromethane	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	
1,2,3-Trichloropropane	EPA 8260B	6F26029	18	ND	1.8	6/26/2006	6/26/2006	A-01, I
1,2,4-Trimethylbenzene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	A-01, I
1,3,5-Trimethylbenzene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	A-01, I
Vinyl chloride	EPA 8260B	6F26029	9.0	ND	1.8	6/26/2006	6/26/2006	
o-Xylene	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	A-01, I
m,p-Xylenes	EPA 8260B	6F26029	3.6	ND	1.8	6/26/2006	6/26/2006	A-01, I
Surrogate: Dibromofluoromethane (80-125%)				98 %				
Surrogate: Toluene-d8 (80-120%)				96 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				80 %				

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85-04265  
Report Number: IPF2368

Sampled: 06/21/06  
Received: 06/22/06

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPF2368-01 (SS1 - Soil)								RL-1
Reporting Units: ug/kg								
Aldrin	EPA 3545/8081A	6F26041	9.9	ND	1.99	6/26/2006	6/27/2006	
alpha-BHC	EPA 3545/8081A	6F26041	9.9	ND	1.99	6/26/2006	6/27/2006	
beta-BHC	EPA 3545/8081A	6F26041	9.9	ND	1.99	6/26/2006	6/27/2006	
delta-BHC	EPA 3545/8081A	6F26041	20	ND	1.99	6/26/2006	6/27/2006	
gamma-BHC (Lindane)	EPA 3545/8081A	6F26041	9.9	ND	1.99	6/26/2006	6/27/2006	
Chlordane	EPA 3545/8081A	6F26041	99	ND	1.99	6/26/2006	6/27/2006	
4,4'-DDD	EPA 3545/8081A	6F26041	9.9	ND	1.99	6/26/2006	6/27/2006	
4,4'-DDE	EPA 3545/8081A	6F26041	9.9	ND	1.99	6/26/2006	6/27/2006	
4,4'-DDT	EPA 3545/8081A	6F26041	9.9	ND	1.99	6/26/2006	6/27/2006	
Dieldrin	EPA 3545/8081A	6F26041	9.9	ND	1.99	6/26/2006	6/27/2006	
Endosulfan I	EPA 3545/8081A	6F26041	9.9	ND	1.99	6/26/2006	6/27/2006	
Endosulfan II	EPA 3545/8081A	6F26041	9.9	ND	1.99	6/26/2006	6/27/2006	
Endosulfan sulfate	EPA 3545/8081A	6F26041	20	ND	1.99	6/26/2006	6/27/2006	
Endrin	EPA 3545/8081A	6F26041	9.9	ND	1.99	6/26/2006	6/27/2006	
Endrin aldehyde	EPA 3545/8081A	6F26041	9.9	ND	1.99	6/26/2006	6/27/2006	
Endrin ketone	EPA 3545/8081A	6F26041	9.9	ND	1.99	6/26/2006	6/27/2006	
Heptachlor	EPA 3545/8081A	6F26041	9.9	ND	1.99	6/26/2006	6/27/2006	
Heptachlor epoxide	EPA 3545/8081A	6F26041	9.9	ND	1.99	6/26/2006	6/27/2006	
Methoxychlor	EPA 3545/8081A	6F26041	9.9	ND	1.99	6/26/2006	6/27/2006	
Toxaphene	EPA 3545/8081A	6F26041	400	ND	1.99	6/26/2006	6/27/2006	
Surrogate: Tetrachloro-m-xylene (35-115%)				67 %				
Surrogate: Decachlorobiphenyl (45-120%)				69 %				

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 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IPF2368-02 (SS2 - Soil)</b>								
<b>Reporting Units: ug/kg</b>								
Aldrin	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
alpha-BHC	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
beta-BHC	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
delta-BHC	EPA 3545/8081A	6F26041	10	ND	1	6/26/2006	6/27/2006	
gamma-BHC (Lindane)	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Chlordane	EPA 3545/8081A	6F26041	50	ND	1	6/26/2006	6/27/2006	
4,4'-DDD	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
4,4'-DDE	EPA 3545/8081A	6F26041	5.0	8.5	1	6/26/2006	6/27/2006	R-10
4,4'-DDT	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Dieldrin	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Endosulfan I	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Endosulfan II	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Endosulfan sulfate	EPA 3545/8081A	6F26041	10	ND	1	6/26/2006	6/27/2006	
Endrin	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Endrin aldehyde	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Endrin ketone	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Heptachlor	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Heptachlor epoxide	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Methoxychlor	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Toxaphene	EPA 3545/8081A	6F26041	200	ND	1	6/26/2006	6/27/2006	
Surrogate: Tetrachloro-m-xylene (35-115%)				61 %				
Surrogate: Decachlorobiphenyl (45-120%)				64 %				

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 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPF2368-03 (SS3 - Soil)								RL-1
Reporting Units: ug/kg								
Aldrin	EPA 3545/8081A	6F26041	10	ND	1.99	6/26/2006	6/27/2006	
alpha-BHC	EPA 3545/8081A	6F26041	10	ND	1.99	6/26/2006	6/27/2006	
beta-BHC	EPA 3545/8081A	6F26041	10	ND	1.99	6/26/2006	6/27/2006	
delta-BHC	EPA 3545/8081A	6F26041	20	ND	1.99	6/26/2006	6/27/2006	
gamma-BHC (Lindane)	EPA 3545/8081A	6F26041	10	ND	1.99	6/26/2006	6/27/2006	
Chlordane	EPA 3545/8081A	6F26041	100	ND	1.99	6/26/2006	6/27/2006	
4,4'-DDD	EPA 3545/8081A	6F26041	10	ND	1.99	6/26/2006	6/27/2006	
4,4'-DDE	EPA 3545/8081A	6F26041	10	ND	1.99	6/26/2006	6/27/2006	
4,4'-DDT	EPA 3545/8081A	6F26041	10	ND	1.99	6/26/2006	6/27/2006	
Dieldrin	EPA 3545/8081A	6F26041	10	ND	1.99	6/26/2006	6/27/2006	
Endosulfan I	EPA 3545/8081A	6F26041	10	ND	1.99	6/26/2006	6/27/2006	
Endosulfan II	EPA 3545/8081A	6F26041	10	ND	1.99	6/26/2006	6/27/2006	
Endosulfan sulfate	EPA 3545/8081A	6F26041	20	ND	1.99	6/26/2006	6/27/2006	
Endrin	EPA 3545/8081A	6F26041	10	ND	1.99	6/26/2006	6/27/2006	
Endrin aldehyde	EPA 3545/8081A	6F26041	10	ND	1.99	6/26/2006	6/27/2006	
Endrin ketone	EPA 3545/8081A	6F26041	10	ND	1.99	6/26/2006	6/27/2006	
Heptachlor	EPA 3545/8081A	6F26041	10	ND	1.99	6/26/2006	6/27/2006	
Heptachlor epoxide	EPA 3545/8081A	6F26041	10	ND	1.99	6/26/2006	6/27/2006	
Methoxychlor	EPA 3545/8081A	6F26041	10	ND	1.99	6/26/2006	6/27/2006	
Toxaphene	EPA 3545/8081A	6F26041	400	ND	1.99	6/26/2006	6/27/2006	
Surrogate: Tetrachloro-m-xylene (35-115%)				73 %				
Surrogate: Decachlorobiphenyl (45-120%)				73 %				

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Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IPF2368-04 (SS4 - Soil)</b>								
<b>Reporting Units: ug/kg</b>								
Aldrin	EPA 3545/8081A	6F26041	10	ND	2	6/26/2006	6/27/2006	
alpha-BHC	EPA 3545/8081A	6F26041	10	ND	2	6/26/2006	6/27/2006	
beta-BHC	EPA 3545/8081A	6F26041	10	ND	2	6/26/2006	6/27/2006	
delta-BHC	EPA 3545/8081A	6F26041	20	ND	2	6/26/2006	6/27/2006	
gamma-BHC (Lindane)	EPA 3545/8081A	6F26041	10	ND	2	6/26/2006	6/27/2006	
Chlordane	EPA 3545/8081A	6F26041	100	ND	2	6/26/2006	6/27/2006	
4,4'-DDD	EPA 3545/8081A	6F26041	10	ND	2	6/26/2006	6/27/2006	
4,4'-DDE	EPA 3545/8081A	6F26041	10	12	2	6/26/2006	6/27/2006	R-1
4,4'-DDT	EPA 3545/8081A	6F26041	10	ND	2	6/26/2006	6/27/2006	
Dieldrin	EPA 3545/8081A	6F26041	10	ND	2	6/26/2006	6/27/2006	
Endosulfan I	EPA 3545/8081A	6F26041	10	ND	2	6/26/2006	6/27/2006	
Endosulfan II	EPA 3545/8081A	6F26041	10	ND	2	6/26/2006	6/27/2006	
Endosulfan sulfate	EPA 3545/8081A	6F26041	20	ND	2	6/26/2006	6/27/2006	
Endrin	EPA 3545/8081A	6F26041	10	ND	2	6/26/2006	6/27/2006	
Endrin aldehyde	EPA 3545/8081A	6F26041	10	ND	2	6/26/2006	6/27/2006	
Endrin ketone	EPA 3545/8081A	6F26041	10	ND	2	6/26/2006	6/27/2006	
Heptachlor	EPA 3545/8081A	6F26041	10	ND	2	6/26/2006	6/27/2006	
Heptachlor epoxide	EPA 3545/8081A	6F26041	10	ND	2	6/26/2006	6/27/2006	
Methoxychlor	EPA 3545/8081A	6F26041	10	ND	2	6/26/2006	6/27/2006	
Toxaphene	EPA 3545/8081A	6F26041	400	ND	2	6/26/2006	6/27/2006	
Surrogate: Tetrachloro-m-xylene (35-115%)				65 %				
Surrogate: Decachlorobiphenyl (45-120%)				65 %				

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Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
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## ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IPF2368-05 (SS5 - Soil)</b>								
Reporting Units: ug/kg								
Aldrin	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
alpha-BHC	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
beta-BHC	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
delta-BHC	EPA 3545/8081A	6F26041	10	ND	1	6/26/2006	6/27/2006	
gamma-BHC (Lindane)	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Chlordane	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
4,4'-DDD	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
4,4'-DDE	EPA 3545/8081A	6F26041	5.0	5.7	1	6/26/2006	6/27/2006	R-10
4,4'-DDT	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Dieldrin	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Endosulfan I	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Endosulfan II	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Endosulfan sulfate	EPA 3545/8081A	6F26041	10	ND	1	6/26/2006	6/27/2006	
Endrin	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Endrin aldehyde	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Endrin ketone	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Heptachlor	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Heptachlor epoxide	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Methoxychlor	EPA 3545/8081A	6F26041	5.0	ND	1	6/26/2006	6/27/2006	
Toxaphene	EPA 3545/8081A	6F26041	200	ND	1	6/26/2006	6/27/2006	
Surrogate: Tetrachloro-m-xylene (35-115%)				78 %				
Surrogate: Decachlorobiphenyl (45-120%)				76 %				

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Project ID: Maui Lani  
85-04265  
Report Number: IPF2368

Sampled: 06/21/06  
Received: 06/22/06

## METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IPF2368-01 (SS1 - Soil)</b>								
Reporting Units: mg/kg								
Arsenic	EPA 6010B	6F23097	20	ND	10	6/23/2006	6/27/2006	RL-1
Lead	EPA 6010B	6F23097	20	ND	10	6/23/2006	6/27/2006	RL-1
<b>Sample ID: IPF2368-02 (SS2 - Soil)</b>								
Reporting Units: mg/kg								
Arsenic	EPA 6010B	6F23097	20	ND	10	6/23/2006	6/27/2006	RL-1
Lead	EPA 6010B	6F23097	20	ND	10	6/23/2006	6/27/2006	RL-1
<b>Sample ID: IPF2368-03 (SS3 - Soil)</b>								
Reporting Units: mg/kg								
Arsenic	EPA 6010B	6F23097	20	ND	10	6/23/2006	6/27/2006	RL-1
Lead	EPA 6010B	6F23097	20	ND	10	6/23/2006	6/27/2006	RL-1
<b>Sample ID: IPF2368-04 (SS4 - Soil)</b>								
Reporting Units: mg/kg								
Arsenic	EPA 6010B	6F23097	20	ND	10	6/23/2006	6/27/2006	RL-1
Lead	EPA 6010B	6F23097	20	ND	10	6/23/2006	6/27/2006	RL-1
<b>Sample ID: IPF2368-05 (SS5 - Soil)</b>								
Reporting Units: mg/kg								
Arsenic	EPA 6010B	6F23097	20	ND	10	6/23/2006	6/27/2006	RL-1
Lead	EPA 6010B	6F23097	20	ND	10	6/23/2006	6/27/2006	RL-1

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 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## Organophosphorus Pesticides per EPA Method 8141A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IPF2368-01RE1 (SS1 - Soil)</b>								
<b>Reporting Units: ug/kg wet</b>								
Azinphos methyl	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Bolstar	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Chlorpyrifos	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Coumaphos	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Demeton	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Demeton, total	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Diazinon	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Dichlorvos	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Dimethoate	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Disulfoton	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Ethoprop	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Fensulfothion	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
EPN	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Fenthion	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Malathion	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Mevinphos	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Parathion-methyl	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Parathion-ethyl	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Phorate	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Ronnel	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Stirophos (Tetrachlorvinphos)	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Tokuthion (Prothiofos)	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Trichloronate	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Surrogate: TBP (31-142%)				97.6 %				
Surrogate: TPP (21-138%)				68.8 %				

TestAmerica - Irvine, CA  
 Sushmitha Reddy  
 Project Manager

Clayton Group Services, Honolulu  
 970 N. Kalaheo Avenue, C-316  
 Kailua, HI 96734  
 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## Organophosphorus Pesticides per EPA Method 8141A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IPF2368-02RE1 (SS2 - Soil)</b>								
<b>Reporting Units: ug/kg wet</b>								
Azinphos methyl	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Bolstar	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Chlorpyrifos	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Coumaphos	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Demeton	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Demeton, total	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Diazinon	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Dichlorvos	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Dimethoate	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Disulfoton	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Ethoprop	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Fensulfothion	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
EPN	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Fenthion	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Malathion	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Mevinphos	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Parathion-methyl	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Parathion-ethyl	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Phorate	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Ronnel	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Stirophos (Tetrachlorvinphos)	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Tokuthion (Prothiofos)	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Trichloronate	EPA 8141A	6070057	40.2	ND	1.01	7/3/2006	7/6/2006	
Surrogate: TBP (31-142%)				47.5 %				
Surrogate: TPP (21-138%)				33.0 %				

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 Project Manager

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Clayton Group Services, Honolulu  
 970 N. Kalaheo Avenue, C-316  
 Kailua, HI 96734  
 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## Organophosphorus Pesticides per EPA Method 8141A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IPF2368-03RE1 (SS3 - Soil)</b>								
<b>Reporting Units: ug/kg wet</b>								
Azinphos methyl	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Bolstar	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Chlorpyrifos	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Coumaphos	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Demeton	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Demeton, total	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Diazinon	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Dichlorvos	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Dimethoate	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Disulfoton	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Ethoprop	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Fensulfothion	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
EPN	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Fenthion	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Malathion	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Mevinphos	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Parathion-methyl	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Parathion-ethyl	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Phorate	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Ronnel	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Stirophos (Tetrachlorvinphos)	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Tokuthion (Prothiofos)	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Trichloronate	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Surrogate: TBP (31-142%)				43.5 %				
Surrogate: TPP (21-138%)				31.1 %				

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Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## Organophosphorus Pesticides per EPA Method 8141A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPF2368-04RE1 (SS4 - Soil)								
Reporting Units: ug/kg wet								
Azinphos methyl	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Bolstar	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Chlorpyrifos	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Coumaphos	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Demeton	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Demeton, total	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Diazinon	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Dichlorvos	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Dimethoate	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Disulfoton	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Ethoprop	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Fensulfothion	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
EPN	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Fenthion	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Malathion	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Mevinphos	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Parathion-methyl	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Parathion-ethyl	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Phorate	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Ronnel	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Stirophos (Tetrachlorvinphos)	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Tokuthion (Prothiofos)	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Trichloronate	EPA 8141A	6070057	40.3	ND	1.01	7/3/2006	7/6/2006	
Surrogate: TBP (31-142%)								107 %
Surrogate: TPP (21-138%)								82.4 %

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 Project Manager

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ANALYTICAL TESTING CORPORATION

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Attention: Virgil Kong

Project ID: Maui Lani  
85-04265  
Report Number: IPF2368

Sampled: 06/21/06  
Received: 06/22/06

Organophosphorus Pesticides per EPA Method 8141A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPF2368-05 (SS5 - Soil)								
Reporting Units: ug/kg wet								
Azinphos methyl	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	X
Bolstar	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Chlorpyrifos	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Coumaphos	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Demeton	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Demeton, total	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Diazinon	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Dichlorvos	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Dimethoate	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Disulfoton	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Ethoprop	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Fensulfothion	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
EPN	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Fenthion	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Malathion	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Mevinphos	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Parathion-methyl	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Parathion-ethyl	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Phorate	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Ronnel	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Stirophos (Tetrachlorvinphos)	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Tokuthion (Prothiofos)	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Trichloronate	EPA 8141A	6061196	39.9	ND	0.999	6/28/2006	7/2/2006	
Surrogate: TBP (31-142%)				119 %				
Surrogate: TPP (21-138%)				80.5 %				

Sample ID: IPF2368-05RE1 (SS5 - Soil)

Reporting Units: ug/kg wet

Azinphos methyl	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	X
Bolstar	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Chlorpyrifos	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Coumaphos	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Demeton	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Demeton, total	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Diazinon	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Dichlorvos	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Dimethoate	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Disulfoton	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Ethoprop	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Fensulfothion	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
EPN	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	

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Sushmitha Reddy  
Project Manager

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Clayton Group Services, Honolulu  
 970 N. Kalaeo Avenue, C-316  
 Kailua, HI 96734  
 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## Organophosphorus Pesticides per EPA Method 8141A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPF2368-05RE1 (SS5 - Soil) - cont.								X
Reporting Units: ug/kg wet								
Fenthion	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Malathion	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Mevinphos	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Parathion-methyl	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Parathion-ethyl	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Phorate	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Ronnel	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Stirophos (Tetrachlorvinphos)	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Tokuthion (Prothiofos)	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Trichloronate	EPA 8141A	6070057	40.1	ND	1	7/3/2006	7/6/2006	
Surrogate: TBP (31-142%)				*				
Surrogate: TPP (21-138%)				*				

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 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## Chlorinated Herbicides per EPA Method 8151A Modified

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IPF2368-01 (SS1 - Soil)</b>								
Reporting Units: ug/kg wet								
2,4-D	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
2,4-DB	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
2,4,5-T	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
2,4,5-TP (Silvex)	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
Dalapon	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
Dicamba	8151mod	6061079	40.0	ND	2	6/26/2006	7/10/2006	
Dichlorprop	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
Dinoseb	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
MCPA	8151mod	6061079	2000	ND	1	6/26/2006	6/28/2006	
MCPP	8151mod	6061079	2000	ND	1	6/26/2006	6/28/2006	
Surrogate: 2,4-Dichlorophenylacetic acid (30-140%)				60.3 %				
<b>Sample ID: IPF2368-02 (SS2 - Soil)</b>								
Reporting Units: ug/kg wet								
2,4-D	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
2,4-DB	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
2,4,5-T	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
2,4,5-TP (Silvex)	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
Dalapon	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
Dicamba	8151mod	6061079	40.0	ND	2	6/26/2006	7/10/2006	
Dichlorprop	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
Dinoseb	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
MCPA	8151mod	6061079	2000	ND	1	6/26/2006	6/28/2006	
MCPP	8151mod	6061079	2000	ND	1	6/26/2006	6/28/2006	
Surrogate: 2,4-Dichlorophenylacetic acid (30-140%)				59.4 %				
<b>Sample ID: IPF2368-03 (SS3 - Soil)</b>								
Reporting Units: ug/kg wet								
2,4-D	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
2,4-DB	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
2,4,5-T	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
2,4,5-TP (Silvex)	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
Dalapon	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
Dicamba	8151mod	6061079	40.0	ND	2	6/26/2006	7/10/2006	
Dichlorprop	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
Dinoseb	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
MCPA	8151mod	6061079	2000	ND	1	6/26/2006	6/28/2006	
MCPP	8151mod	6061079	2000	ND	1	6/26/2006	6/28/2006	
Surrogate: 2,4-Dichlorophenylacetic acid (30-140%)				50.2 %				

TestAmerica - Irvine, CA  
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 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## Chlorinated Herbicides per EPA Method 8151A Modified

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IPF2368-04 (SS4 - Soil)</b>								
Reporting Units: ug/kg wet								
2,4-D	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
2,4-DB	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
2,4,5-T	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
2,4,5-TP (Silvex)	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
Dalapon	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
Dicamba	8151mod	6061079	40.0	ND	2	6/26/2006	7/10/2006	
Dichlorprop	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
Dinoseb	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
MCPA	8151mod	6061079	2000	ND	1	6/26/2006	6/28/2006	
MCPP	8151mod	6061079	2000	ND	1	6/26/2006	6/28/2006	
Surrogate: 2,4-Dichlorophenylacetic acid (30-140%)				52.0 %				
<b>Sample ID: IPF2368-05 (SS5 - Soil)</b>								
Reporting Units: ug/kg wet								
2,4-D	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
2,4-DB	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
2,4,5-T	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
2,4,5-TP (Silvex)	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
Dalapon	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
Dicamba	8151mod	6061079	40.0	ND	2	6/26/2006	7/10/2006	
Dichlorprop	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
Dinoseb	8151mod	6061079	20.0	ND	1	6/26/2006	6/28/2006	
MCPA	8151mod	6061079	2000	ND	1	6/26/2006	6/28/2006	
MCPP	8151mod	6061079	2000	ND	1	6/26/2006	6/28/2006	
Surrogate: 2,4-Dichlorophenylacetic acid (30-140%)				54.7 %				

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 Sushmitha Reddy  
 Project Manager

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Clayton Group Services, Honolulu  
 970 N. Kalaheo Avenue, C-316  
 Kailua, HI 96734  
 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 6F26029 Extracted: 06/26/06</b>										
<b>Blank Analyzed: 06/26/2006 (6F26029-BLK1)</b>										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

TestAmerica - Irvine, CA  
 Sushmitha Reddy  
 Project Manager

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Clayton Group Services, Honolulu 970 N. Kalaeo Avenue, C-316 Kailua, HI 96734 Attention: Virgil Kong	Project ID: Maui Lani 85-04265 Report Number: IPF2368	Sampled: 06/21/06 Received: 06/22/06
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**METHOD BLANK/QC DATA**

**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 6F26029 Extracted: 06/26/06</b>										
<b>Blank Analyzed: 06/26/2006 (6F26029-BLK1)</b>										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Surrogate: Dibromofluoromethane	47.6		ug/kg	50.0		95	80-125			
Surrogate: Toluene-d8	49.6		ug/kg	50.0		99	80-120			
Surrogate: 4-Bromofluorobenzene	46.9		ug/kg	50.0		94	80-120			

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Sushmitha Reddy  
Project Manager

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Clayton Group Services, Honolulu  
 970 N. Kalaheo Avenue, C-316  
 Kailua, HI 96734  
 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
<b>Batch: 6F26029 Extracted: 06/26/06</b>										
<b>LCS Analyzed: 06/26/2006 (6F26029-BS1)</b>										
Benzene	51.3	2.0	ug/kg	50.0		103	65-120			
Bromobenzene	55.3	5.0	ug/kg	50.0		111	70-120			
Bromochloromethane	50.3	5.0	ug/kg	50.0		101	65-130			
Bromodichloromethane	50.3	2.0	ug/kg	50.0		101	65-135			
Bromoform	52.1	5.0	ug/kg	50.0		104	50-135			
Bromomethane	45.0	5.0	ug/kg	50.0		90	60-145			
n-Butylbenzene	52.5	5.0	ug/kg	50.0		105	70-125			
sec-Butylbenzene	50.5	5.0	ug/kg	50.0		101	70-125			
tert-Butylbenzene	54.5	5.0	ug/kg	50.0		109	70-125			
Carbon tetrachloride	50.6	5.0	ug/kg	50.0		101	65-140			
Chlorobenzene	52.3	2.0	ug/kg	50.0		105	70-125			
Chloroethane	45.1	5.0	ug/kg	50.0		90	55-140			
Chloroform	46.8	2.0	ug/kg	50.0		94	65-130			
Chloromethane	48.2	5.0	ug/kg	50.0		96	40-140			
2-Chlorotoluene	49.1	5.0	ug/kg	50.0		98	70-125			
4-Chlorotoluene	51.0	5.0	ug/kg	50.0		102	70-125			
Dibromochloromethane	55.5	2.0	ug/kg	50.0		111	65-140			
1,2-Dibromo-3-chloropropane	52.1	5.0	ug/kg	50.0		104	45-140			
1,2-Dibromoethane (EDB)	56.7	2.0	ug/kg	50.0		113	70-130			
Dibromomethane	52.5	2.0	ug/kg	50.0		105	65-130			
1,2-Dichlorobenzene	54.7	2.0	ug/kg	50.0		109	70-120			
1,3-Dichlorobenzene	53.2	2.0	ug/kg	50.0		106	70-125			
1,4-Dichlorobenzene	53.0	2.0	ug/kg	50.0		106	70-125			
Dichlorodifluoromethane	60.7	5.0	ug/kg	50.0		121	25-155			
1,1-Dichloroethane	46.1	2.0	ug/kg	50.0		92	65-130			
1,2-Dichloroethane	50.6	2.0	ug/kg	50.0		101	60-140			
1,1-Dichloroethene	46.1	5.0	ug/kg	50.0		92	70-130			
cis-1,2-Dichloroethene	49.6	2.0	ug/kg	50.0		99	65-125			
trans-1,2-Dichloroethene	51.1	2.0	ug/kg	50.0		102	65-130			
1,2-Dichloropropane	51.4	2.0	ug/kg	50.0		103	65-125			
1,3-Dichloropropane	47.3	2.0	ug/kg	50.0		95	65-125			
2,2-Dichloropropane	47.4	2.0	ug/kg	50.0		95	60-145			
1,1-Dichloropropene	49.8	2.0	ug/kg	50.0		100	70-130			
cis-1,3-Dichloropropene	52.4	2.0	ug/kg	50.0		105	70-130			
trans-1,3-Dichloropropene	52.2	2.0	ug/kg	50.0		104	65-135			

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 Sushmitha Reddy  
 Project Manager

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Clayton Group Services, Honolulu  
 970 N. Kalaha Avenue, C-316  
 Kailua, HI 96734  
 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 6F26029 Extracted: 06/26/06</b>										
<b>LCS Analyzed: 06/26/2006 (6F26029-BS1)</b>										
Ethylbenzene	52.3	2.0	ug/kg	50.0		105	70-125			
Hexachlorobutadiene	46.6	5.0	ug/kg	50.0		93	60-135			
Isopropylbenzene	59.3	2.0	ug/kg	50.0		119	70-125			
p-Isopropyltoluene	53.7	2.0	ug/kg	50.0		107	70-125			
Methylene chloride	42.1	20	ug/kg	50.0		84	60-130			
Naphthalene	55.2	5.0	ug/kg	50.0		110	50-140			
n-Propylbenzene	51.1	2.0	ug/kg	50.0		102	70-125			
Styrene	52.0	2.0	ug/kg	50.0		104	70-130			
1,1,1,2-Tetrachloroethane	53.5	5.0	ug/kg	50.0		107	70-135			
1,1,2,2-Tetrachloroethane	53.2	2.0	ug/kg	50.0		106	55-140			
Tetrachloroethene	52.0	2.0	ug/kg	50.0		104	65-125			
Toluene	51.2	2.0	ug/kg	50.0		102	70-125			
1,2,3-Trichlorobenzene	56.9	5.0	ug/kg	50.0		114	60-130			
1,2,4-Trichlorobenzene	57.7	5.0	ug/kg	50.0		115	65-135			
1,1,1-Trichloroethane	47.1	2.0	ug/kg	50.0		94	65-135			
1,1,2-Trichloroethane	54.1	2.0	ug/kg	50.0		108	65-130			
Trichloroethene	52.1	2.0	ug/kg	50.0		104	70-125			
Trichlorofluoromethane	50.5	5.0	ug/kg	50.0		101	60-140			
1,2,3-Trichloropropane	51.0	10	ug/kg	50.0		102	55-135			
1,2,4-Trimethylbenzene	53.7	2.0	ug/kg	50.0		107	70-125			
1,3,5-Trimethylbenzene	54.7	2.0	ug/kg	50.0		109	70-125			
Vinyl chloride	49.2	5.0	ug/kg	50.0		98	50-130			
o-Xylene	55.0	2.0	ug/kg	50.0		110	70-125			
m,p-Xylenes	108	2.0	ug/kg	100		108	70-125			
Surrogate: Dibromofluoromethane	45.8		ug/kg	50.0		92	80-125			
Surrogate: Toluene-d8	50.9		ug/kg	50.0		102	80-120			
Surrogate: 4-Bromofluorobenzene	50.8		ug/kg	50.0		102	80-120			

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 Sushmitha Reddy  
 Project Manager

Clayton Group Services, Honolulu  
 970 N. Kalaheo Avenue, C-316  
 Kailua, HI 96734  
 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
<b>Batch: 6F26029 Extracted: 06/26/06</b>										
<b>Matrix Spike Analyzed: 06/26/2006 (6F26029-MS1)</b>					<b>Source: IPF1879-02</b>					
Benzene	42.7	2.0	ug/kg	49.7	ND	86	65-130			
Bromobenzene	45.0	5.0	ug/kg	49.7	ND	91	70-135			
Bromochloromethane	40.4	5.0	ug/kg	49.7	ND	81	65-140			
Bromodichloromethane	43.1	2.0	ug/kg	49.7	ND	87	65-140			
Bromoform	41.7	5.0	ug/kg	49.7	ND	84	50-140			
Bromomethane	39.4	5.0	ug/kg	49.7	ND	79	55-150			
n-Butylbenzene	46.8	5.0	ug/kg	49.7	ND	94	55-140			
sec-Butylbenzene	45.1	5.0	ug/kg	49.7	ND	91	65-130			
tert-Butylbenzene	46.1	5.0	ug/kg	49.7	ND	93	65-135			
Carbon tetrachloride	45.3	5.0	ug/kg	49.7	ND	91	65-140			
Chlorobenzene	43.4	2.0	ug/kg	49.7	ND	87	70-125			
Chloroethane	40.6	5.0	ug/kg	49.7	ND	82	55-145			
Chloroform	38.2	2.0	ug/kg	49.7	ND	77	65-130			
Chloromethane	42.8	5.0	ug/kg	49.7	ND	86	35-140			
2-Chlorotoluene	41.7	5.0	ug/kg	49.7	ND	84	65-130			
4-Chlorotoluene	44.1	5.0	ug/kg	49.7	ND	89	70-130			
Dibromochloromethane	44.2	2.0	ug/kg	49.7	ND	89	65-140			
1,2-Dibromo-3-chloropropane	44.7	5.0	ug/kg	49.7	ND	90	45-145			
1,2-Dibromoethane (EDB)	45.5	2.0	ug/kg	49.7	ND	92	65-135			
Dibromomethane	44.3	2.0	ug/kg	49.7	ND	89	65-135			
1,2-Dichlorobenzene	45.1	2.0	ug/kg	49.7	ND	91	70-130			
1,3-Dichlorobenzene	45.6	2.0	ug/kg	49.7	ND	92	70-125			
1,4-Dichlorobenzene	44.8	2.0	ug/kg	49.7	ND	90	70-125			
Dichlorodifluoromethane	57.8	5.0	ug/kg	49.7	ND	116	25-155			
1,1-Dichloroethane	38.0	2.0	ug/kg	49.7	ND	76	65-130			
1,2-Dichloroethane	43.3	2.0	ug/kg	49.7	ND	87	60-145			
1,1-Dichloroethene	39.7	5.0	ug/kg	49.7	ND	80	65-135			
cis-1,2-Dichloroethene	41.2	2.0	ug/kg	49.7	ND	83	65-130			
trans-1,2-Dichloroethene	42.9	2.0	ug/kg	49.7	ND	86	65-135			
1,2-Dichloropropane	42.7	2.0	ug/kg	49.7	ND	86	65-125			
1,3-Dichloropropane	38.7	2.0	ug/kg	49.7	ND	78	65-135			
2,2-Dichloropropane	43.4	2.0	ug/kg	49.7	ND	87	60-145			
1,1-Dichloropropene	45.0	2.0	ug/kg	49.7	ND	91	65-135			
cis-1,3-Dichloropropene	42.7	2.0	ug/kg	49.7	ND	86	70-130			
trans-1,3-Dichloropropene	43.9	2.0	ug/kg	49.7	ND	88	65-140			

TestAmerica - Irvine, CA  
 Sushmitha Reddy  
 Project Manager

Clayton Group Services, Honolulu  
 970 N. Kalaheo Avenue, C-316  
 Kailua, HI 96734  
 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

**METHOD BLANK/QC DATA**

**VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD Limit	Data Qualifiers
<b>Batch: 6F26029 Extracted: 06/26/06</b>									
<b>Matrix Spike Analyzed: 06/26/2006 (6F26029-MS1)</b>					<b>Source: IPF1879-02</b>				
Ethylbenzene	44.5	2.0	ug/kg	49.7	ND	90	70-130		
Hexachlorobutadiene	43.2	5.0	ug/kg	49.7	ND	87	55-140		
Isopropylbenzene	50.4	2.0	ug/kg	49.7	ND	101	65-140		
p-Isopropyltoluene	47.7	2.0	ug/kg	49.7	ND	96	60-135		
Methylene chloride	34.3	20	ug/kg	49.7	ND	69	60-140		
Naphthalene	44.2	5.0	ug/kg	49.7	ND	89	40-155		
n-Propylbenzene	44.3	2.0	ug/kg	49.7	ND	89	65-140		
Styrene	42.8	2.0	ug/kg	49.7	ND	86	70-140		
1,1,1,2-Tetrachloroethane	43.5	5.0	ug/kg	49.7	ND	88	70-140		
1,1,2,2-Tetrachloroethane	43.1	2.0	ug/kg	49.7	ND	87	45-155		
Tetrachloroethene	45.1	2.0	ug/kg	49.7	ND	91	65-135		
Toluene	44.0	2.0	ug/kg	49.7	ND	89	70-125		
1,2,3-Trichlorobenzene	45.0	5.0	ug/kg	49.7	ND	91	50-140		
1,2,4-Trichlorobenzene	48.5	5.0	ug/kg	49.7	ND	98	55-135		
1,1,1-Trichloroethane	40.7	2.0	ug/kg	49.7	ND	82	65-140		
1,1,2-Trichloroethane	45.8	2.0	ug/kg	49.7	ND	92	65-135		
Trichloroethene	45.3	2.0	ug/kg	49.7	ND	91	70-135		
Trichlorofluoromethane	45.2	5.0	ug/kg	49.7	ND	91	50-150		
1,2,3-Trichloropropane	41.2	9.9	ug/kg	49.7	ND	83	55-145		
1,2,4-Trimethylbenzene	46.8	2.0	ug/kg	49.7	ND	94	65-135		
1,3,5-Trimethylbenzene	46.2	2.0	ug/kg	49.7	ND	93	70-130		
Vinyl chloride	43.5	5.0	ug/kg	49.7	ND	88	50-135		
o-Xylene	45.7	2.0	ug/kg	49.7	ND	92	70-125		
m,p-Xylenes	90.7	2.0	ug/kg	99.4	ND	91	70-125		
Surrogate: Dibromofluoromethane	44.4		ug/kg	49.7		89	80-125		
Surrogate: Toluene-d8	49.7		ug/kg	49.7		100	80-120		
Surrogate: 4-Bromofluorobenzene	47.9		ug/kg	49.7		96	80-120		

TestAmerica - Irvine, CA  
 Sushmitha Reddy  
 Project Manager

Clayton Group Services, Honolulu  
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Kailua, HI 96734  
Attention: Virgil Kong

Project ID: Maui Lani  
85-04265  
Report Number: IPF2368

Sampled: 06/21/06  
Received: 06/22/06

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
<b>Batch: 6F26029 Extracted: 06/26/06</b>										
<b>Matrix Spike Dup Analyzed: 06/26/2006 (6F26029-MSD1)</b>						<b>Source: IPF1879-02</b>				
Benzene	39.9	2.0	ug/kg	49.5	ND	81	65-130	7	20	
Bromobenzene	42.0	5.0	ug/kg	49.5	ND	85	70-135	7	25	
Bromochloromethane	37.6	5.0	ug/kg	49.5	ND	76	65-140	7	25	
Bromodichloromethane	39.0	2.0	ug/kg	49.5	ND	79	65-140	10	20	
Bromoform	39.5	5.0	ug/kg	49.5	ND	80	50-140	5	30	
Bromomethane	38.3	5.0	ug/kg	49.5	ND	77	55-150	3	25	
n-Butylbenzene	43.7	5.0	ug/kg	49.5	ND	88	55-140	7	30	
sec-Butylbenzene	40.6	5.0	ug/kg	49.5	ND	82	65-130	11	25	
tert-Butylbenzene	42.5	5.0	ug/kg	49.5	ND	86	65-135	8	25	
Carbon tetrachloride	40.9	5.0	ug/kg	49.5	ND	83	65-140	10	25	
Chlorobenzene	40.1	2.0	ug/kg	49.5	ND	81	70-125	8	25	
Chloroethane	40.0	5.0	ug/kg	49.5	ND	81	55-145	1	25	
Chloroform	36.6	2.0	ug/kg	49.5	ND	74	65-130	4	20	
Chloromethane	42.9	5.0	ug/kg	49.5	ND	87	35-140	0	25	
2-Chlorotoluene	39.4	5.0	ug/kg	49.5	ND	80	65-130	6	25	
4-Chlorotoluene	40.6	5.0	ug/kg	49.5	ND	82	70-130	8	25	
Dibromochloromethane	41.5	2.0	ug/kg	49.5	ND	84	65-140	6	25	
1,2-Dibromo-3-chloropropane	39.6	5.0	ug/kg	49.5	ND	80	45-145	12	30	
1,2-Dibromoethane (EDB)	42.5	2.0	ug/kg	49.5	ND	86	65-135	7	25	
Dibromomethane	40.3	2.0	ug/kg	49.5	ND	81	65-135	9	25	
1,2-Dichlorobenzene	42.0	2.0	ug/kg	49.5	ND	85	70-130	7	25	
1,3-Dichlorobenzene	41.2	2.0	ug/kg	49.5	ND	83	70-125	10	25	
1,4-Dichlorobenzene	40.8	2.0	ug/kg	49.5	ND	82	70-125	9	25	
Dichlorodifluoromethane	53.9	5.0	ug/kg	49.5	ND	109	25-155	7	35	
1,1-Dichloroethane	36.1	2.0	ug/kg	49.5	ND	73	65-130	5	25	
1,2-Dichloroethane	39.0	2.0	ug/kg	49.5	ND	79	60-145	10	25	
1,1-Dichloroethene	38.9	5.0	ug/kg	49.5	ND	79	65-135	2	25	
cis-1,2-Dichloroethene	39.5	2.0	ug/kg	49.5	ND	80	65-130	4	25	
trans-1,2-Dichloroethene	41.1	2.0	ug/kg	49.5	ND	83	65-135	4	25	
1,2-Dichloropropane	40.0	2.0	ug/kg	49.5	ND	81	65-125	7	20	
1,3-Dichloropropane	35.7	2.0	ug/kg	49.5	ND	72	65-135	8	25	
2,2-Dichloropropane	41.1	2.0	ug/kg	49.5	ND	83	60-145	5	25	
1,1-Dichloropropene	40.2	2.0	ug/kg	49.5	ND	81	65-135	11	20	
cis-1,3-Dichloropropene	39.8	2.0	ug/kg	49.5	ND	80	70-130	7	25	
trans-1,3-Dichloropropene	40.0	2.0	ug/kg	49.5	ND	81	65-140	9	25	

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Sushmitha Reddy  
Project Manager

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Clayton Group Services, Honolulu  
 970 N. Kalaheo Avenue, C-316  
 Kailua, HI 96734  
 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
<b>Batch: 6F26029 Extracted: 06/26/06</b>										
<b>Matrix Spike Dup Analyzed: 06/26/2006 (6F26029-MSD1)</b>					<b>Source: IPF1879-02</b>					
Ethylbenzene	39.6	2.0	ug/kg	49.5	ND	80	70-130	12	25	
Hexachlorobutadiene	38.7	5.0	ug/kg	49.5	ND	78	55-140	11	35	
Isopropylbenzene	47.8	2.0	ug/kg	49.5	ND	97	65-140	5	25	
p-Isopropyltoluene	41.8	2.0	ug/kg	49.5	ND	84	60-135	13	25	
Methylene chloride	32.6	20	ug/kg	49.5	ND	66	60-140	5	25	
Naphthalene	41.2	5.0	ug/kg	49.5	ND	83	40-155	7	40	
n-Propylbenzene	41.8	2.0	ug/kg	49.5	ND	84	65-140	6	25	
Styrene	39.1	2.0	ug/kg	49.5	ND	79	70-140	9	25	
1,1,1,2-Tetrachloroethane	40.0	5.0	ug/kg	49.5	ND	81	70-140	8	20	
1,1,2,2-Tetrachloroethane	40.1	2.0	ug/kg	49.5	ND	81	45-155	7	30	
Tetrachloroethene	40.9	2.0	ug/kg	49.5	ND	83	65-135	10	25	
Toluene	39.8	2.0	ug/kg	49.5	ND	80	70-125	10	20	
1,2,3-Trichlorobenzene	43.1	5.0	ug/kg	49.5	ND	87	50-140	4	30	
1,2,4-Trichlorobenzene	43.8	5.0	ug/kg	49.5	ND	88	55-135	10	30	
1,1,1-Trichloroethane	38.4	2.0	ug/kg	49.5	ND	78	65-140	6	20	
1,1,2-Trichloroethane	41.3	2.0	ug/kg	49.5	ND	83	65-135	10	30	
Trichloroethene	42.2	2.0	ug/kg	49.5	ND	85	70-135	7	25	
Trichlorofluoromethane	43.1	5.0	ug/kg	49.5	ND	87	50-150	5	25	
1,2,3-Trichloropropane	38.0	9.9	ug/kg	49.5	ND	77	55-145	8	30	
1,2,4-Trimethylbenzene	42.8	2.0	ug/kg	49.5	ND	86	65-135	9	25	
1,3,5-Trimethylbenzene	43.5	2.0	ug/kg	49.5	ND	88	70-130	6	25	
Vinyl chloride	43.9	5.0	ug/kg	49.5	ND	89	50-135	1	30	
o-Xylene	42.3	2.0	ug/kg	49.5	ND	85	70-125	8	25	
m,p-Xylenes	81.7	2.0	ug/kg	99.0	ND	83	70-125	10	25	
Surrogate: Dibromofluoromethane	44.9		ug/kg	49.5		91	80-125			
Surrogate: Toluene-d8	49.9		ug/kg	49.5		101	80-120			
Surrogate: 4-Bromofluorobenzene	47.6		ug/kg	49.5		96	80-120			

TestAmerica - Irvine, CA  
 Sushmitha Reddy  
 Project Manager

# TestAmerica

ANALYTICAL TESTING CORPORATION

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Clayton Group Services, Honolulu  
970 N. Kalaheo Avenue, C-316  
Kailua, HI 96734  
Attention: Virgil Kong

Project ID: Maui Lani  
85-04265  
Report Number: IPF2368

Sampled: 06/21/06  
Received: 06/22/06

## METHOD BLANK/QC DATA

### ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD	Limit	Data Qualifiers
<b>Batch: 6F26041 Extracted: 06/26/06</b>										
<b>Blank Analyzed: 06/26/2006 (6F26041-BLK1)</b>										
Aldrin	ND	5.0	ug/kg							
alpha-BHC	ND	5.0	ug/kg							
beta-BHC	ND	5.0	ug/kg							
delta-BHC	ND	10	ug/kg							
gamma-BHC (Lindane)	ND	5.0	ug/kg							
Chlordane	ND	50	ug/kg							
4,4'-DDD	ND	5.0	ug/kg							
4,4'-DDE	ND	5.0	ug/kg							
4,4'-DDT	ND	5.0	ug/kg							
Dieldrin	ND	5.0	ug/kg							
Endosulfan I	ND	5.0	ug/kg							
Endosulfan II	ND	5.0	ug/kg							
Endosulfan sulfate	ND	10	ug/kg							
Endrin	ND	5.0	ug/kg							
Endrin aldehyde	ND	5.0	ug/kg							
Endrin ketone	ND	5.0	ug/kg							
Heptachlor	ND	5.0	ug/kg							
Heptachlor epoxide	ND	5.0	ug/kg							
Methoxychlor	ND	5.0	ug/kg							
Toxaphene	ND	200	ug/kg							
Surrogate: Tetrachloro-m-xylene	20.5		ug/kg	33.3		62	35-115			
Surrogate: Decachlorobiphenyl	27.2		ug/kg	33.3		82	45-120			
<b>LCS Analyzed: 06/26/2006 (6F26041-BS1)</b>										
Aldrin	25.8	5.0	ug/kg	33.3		77	45-120			
alpha-BHC	25.4	5.0	ug/kg	33.3		76	55-120			
beta-BHC	27.2	5.0	ug/kg	33.3		82	55-120			
delta-BHC	27.8	10	ug/kg	33.3		83	60-120			
gamma-BHC (Lindane)	26.0	5.0	ug/kg	33.3		78	50-120			
4,4'-DDD	31.3	5.0	ug/kg	33.3		94	60-120			
4,4'-DDE	30.2	5.0	ug/kg	33.3		91	60-120			
4,4'-DDT	32.1	5.0	ug/kg	33.3		96	60-120			
Dieldrin	29.1	5.0	ug/kg	33.3		87	60-120			
Endosulfan I	28.4	5.0	ug/kg	33.3		85	60-120			
Endosulfan II	29.1	5.0	ug/kg	33.3		87	60-120			
Endosulfan sulfate	34.4	10	ug/kg	33.3		103	65-120			

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Project Manager

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Clayton Group Services, Honolulu  
970 N. Kalaheo Avenue, C-316  
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Attention: Virgil Kong

Project ID: Maui Lani  
85-04265  
Report Number: IPF2368

Sampled: 06/21/06  
Received: 06/22/06

## METHOD BLANK/QC DATA

### ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD Limit	Data Qualifiers
<b>Batch: 6F26041 Extracted: 06/26/06</b>									
<b>LCS Analyzed: 06/26/2006 (6F26041-BS1)</b>									
Endrin	29.2	5.0	ug/kg	33.3		88	60-120		
Endrin aldehyde	25.0	5.0	ug/kg	33.3		75	55-120		
Endrin ketone	29.9	5.0	ug/kg	33.3		90	65-120		
Heptachlor	27.4	5.0	ug/kg	33.3		82	55-115		
Heptachlor epoxide	28.1	5.0	ug/kg	33.3		84	55-120		
Methoxychlor	32.8	5.0	ug/kg	33.3		98	60-120		
Surrogate: Tetrachloro-m-xylene	25.0		ug/kg	33.3		75	35-115		
Surrogate: Decachlorobiphenyl	27.1		ug/kg	33.3		81	45-120		
<b>Matrix Spike Analyzed: 06/26/2006 (6F26041-MS1)</b>									
					<b>Source: IPF1892-23</b>				
Aldrin	48.9	10	ug/kg	66.4	ND	74	35-120		
alpha-BHC	48.3	10	ug/kg	66.4	ND	73	35-120		
beta-BHC	53.6	10	ug/kg	66.4	ND	81	40-120		
delta-BHC	54.5	20	ug/kg	66.4	ND	82	40-120		
gamma-BHC (Lindane)	49.9	10	ug/kg	66.4	ND	75	35-120		
4,4'-DDD	62.4	10	ug/kg	66.4	ND	94	40-125		
4,4'-DDE	59.8	10	ug/kg	66.4	ND	90	40-125		
4,4'-DDT	65.4	10	ug/kg	66.4	ND	98	40-125		
Dieldrin	56.5	10	ug/kg	66.4	ND	85	40-120		
Endosulfan I	55.0	10	ug/kg	66.4	ND	83	40-120		
Endosulfan II	57.4	10	ug/kg	66.4	ND	86	45-120		
Endosulfan sulfate	61.5	20	ug/kg	66.4	ND	93	40-120		
Endrin	58.6	10	ug/kg	66.4	ND	88	45-120		
Endrin aldehyde	49.3	10	ug/kg	66.4	ND	74	25-120		
Endrin ketone	73.9	10	ug/kg	66.4	ND	111	35-125		
Heptachlor	52.3	10	ug/kg	66.4	ND	79	35-115		
Heptachlor epoxide	55.9	10	ug/kg	66.4	ND	84	40-120		
Methoxychlor	83.4	10	ug/kg	66.4	ND	126	35-130		
Surrogate: Tetrachloro-m-xylene	46.0		ug/kg	66.4		69	35-115		
Surrogate: Decachlorobiphenyl	53.4		ug/kg	66.4		80	45-120		

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Attention: Virgil Kong

Project ID: Maui Lani  
85-04265  
Report Number: IPF2368

Sampled: 06/21/06  
Received: 06/22/06

## METHOD BLANK/QC DATA

### ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 6F26041 Extracted: 06/26/06</b>										
<b>Matrix Spike Dup Analyzed: 06/26/2006 (6F26041-MSD1)</b>					<b>Source: IPF1892-23</b>					
Aldrin	52.3	10	ug/kg	66.7	ND	78	35-120	7	30	
alpha-BHC	52.2	10	ug/kg	66.7	ND	78	35-120	8	30	
beta-BHC	55.5	10	ug/kg	66.7	ND	83	40-120	3	30	
delta-BHC	56.1	20	ug/kg	66.7	ND	84	40-120	3	30	
gamma-BHC (Lindane)	53.3	10	ug/kg	66.7	ND	80	35-120	7	30	
4,4'-DDD	63.9	10	ug/kg	66.7	ND	96	40-125	2	30	
4,4'-DDE	61.0	10	ug/kg	66.7	ND	91	40-125	2	30	
4,4'-DDT	66.0	10	ug/kg	66.7	ND	99	40-125	1	30	
Dieldrin	57.9	10	ug/kg	66.7	ND	87	40-120	2	30	
Endosulfan I	56.5	10	ug/kg	66.7	ND	85	40-120	3	30	
Endosulfan II	58.7	10	ug/kg	66.7	ND	88	45-120	2	30	
Endosulfan sulfate	66.4	20	ug/kg	66.7	ND	100	40-120	8	30	
Endrin	59.6	10	ug/kg	66.7	ND	89	45-120	2	30	
Endrin aldehyde	51.5	10	ug/kg	66.7	ND	77	25-120	4	30	
Endrin ketone	61.6	10	ug/kg	66.7	ND	92	35-125	18	30	
Heptachlor	56.4	10	ug/kg	66.7	ND	85	35-115	8	30	
Heptachlor epoxide	56.4	10	ug/kg	66.7	ND	85	40-120	1	30	
Methoxychlor	68.9	10	ug/kg	66.7	ND	103	35-130	19	30	
Surrogate: Tetrachloro-m-xylene	50.3		ug/kg	66.7		75	35-115			
Surrogate: Decachlorobiphenyl	54.4		ug/kg	66.7		82	45-120			

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Project Manager

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IPF2368 <Page 36 of 45>

Clayton Group Services, Honolulu  
 970 N. Kalaheo Avenue, C-316  
 Kailua, HI 96734  
 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## METHOD BLANK/QC DATA

### METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 6F23097 Extracted: 06/23/06</b>										
<b>Blank Analyzed: 06/26/2006 (6F23097-BLK1)</b>										
Arsenic	ND	2.0	mg/kg							
Lead	ND	2.0	mg/kg							
<b>LCS Analyzed: 06/26/2006 (6F23097-BS1)</b>										
Arsenic	46.0	2.0	mg/kg	50.0		92	80-120			M-NR
Lead	47.3	2.0	mg/kg	50.0		95	80-120			
<b>Matrix Spike Analyzed: 06/26/2006 (6F23097-MS1)</b>										
					<b>Source: IPF2419-01</b>					
Lead	7680	80	mg/kg	50.0	7900	-440	75-125			M-HA
<b>Matrix Spike Dup Analyzed: 06/26/2006 (6F23097-MSD1)</b>										
					<b>Source: IPF2419-01</b>					
Lead	8040	80	mg/kg	50.0	7900	280	75-125	5	20	M-HA

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 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## METHOD BLANK/QC DATA

### Organophosphorus Pesticides per EPA Method 8141A

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 6061196 Extracted: 06/28/06</b>									
<b>Blank Analyzed: 07/01/2006 (6061196-BLK1)</b>									
Azinphos methyl	ND	39.8	ug/kg wet						
Bolstar	ND	39.8	ug/kg wet						
Chlorpyrifos	ND	39.8	ug/kg wet						
Coumaphos	ND	39.8	ug/kg wet						
Demeton	ND	39.8	ug/kg wet						
Demeton, total	ND	39.8	ug/kg wet						
Diazinon	ND	39.8	ug/kg wet						
Dichlorvos	ND	39.8	ug/kg wet						
Dimethoate	ND	39.8	ug/kg wet						
Disulfoton	ND	39.8	ug/kg wet						
Ethoprop	ND	39.8	ug/kg wet						
Fensulfothion	ND	39.8	ug/kg wet						
EPN	ND	39.8	ug/kg wet						
Fenthion	ND	39.8	ug/kg wet						
Malathion	ND	39.8	ug/kg wet						
Mevinphos	ND	39.8	ug/kg wet						
Parathion-methyl	ND	39.8	ug/kg wet						
Parathion-ethyl	ND	39.8	ug/kg wet						
Phorate	ND	39.8	ug/kg wet						
Ronnel	ND	39.8	ug/kg wet						
Stirophos (Tetrachlorvinphos)	ND	39.8	ug/kg wet						
Tokuthion (Prothiofos)	ND	39.8	ug/kg wet						
Trichloronate	ND	39.8	ug/kg wet						
Surrogate: TBP	44.6		ug/kg wet	66.4		67		31-142	
Surrogate: TPP	31.7		ug/kg wet	66.4		48		21-138	
<b>LCS Analyzed: 07/01/2006 (6061196-BS1)</b>									
Dichlorvos	ND	39.6	ug/kg wet	66.0				32-118	
Ethoprop	ND	39.6	ug/kg wet	66.0				45-113	
Parathion-methyl	ND	39.6	ug/kg wet	66.0				40-115	
Stirophos (Tetrachlorvinphos)	ND	39.6	ug/kg wet	66.0				43-135	
Surrogate: TBP	5.04		ug/kg wet	66.0		8		31-142	
Surrogate: TPP	9.84		ug/kg wet	66.0		15		21-138	

X

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 Sushmitha Reddy  
 Project Manager

Clayton Group Services, Honolulu  
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 Kailua, HI 96734  
 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## METHOD BLANK/QC DATA

### Organophosphorus Pesticides per EPA Method 8141A

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 6061196 Extracted: 06/28/06</b>										
<b>LCS Dup Analyzed: 07/01/2006 (6061196-BSD1)</b>										
Dichlorvos	66.2	39.7	ug/kg wet	66.1		100	32-118		33	
Ethoprop	62.7	39.7	ug/kg wet	66.1		95	45-113		20	
Parathion-methyl	78.1	39.7	ug/kg wet	66.1		118	40-115		27	Q-29
Stirophos (Tetrachlorvinphos)	74.1	39.7	ug/kg wet	66.1		112	43-135		41	
Surrogate: TBP	72.1		ug/kg wet	66.1		109	31-142			
Surrogate: TPP	78.2		ug/kg wet	66.1		118	21-138			
<b>Matrix Spike Analyzed: 07/01/2006-07/03/2006 (6061196-MS1)</b>										
<b>Source: IPF2368-01</b>										
Dichlorvos	41.6	40.0	ug/kg wet	66.6	ND	63	12-113			
Ethoprop	76.9	79.9	ug/kg wet	66.6	ND	115	29-130			
Parathion-methyl	77.3	40.0	ug/kg wet	66.6	ND	116	24-138			Q-28
Stirophos (Tetrachlorvinphos)	69.3	40.0	ug/kg wet	66.6	ND	104	25-142			Q-28
Surrogate: TBP	78.8		ug/kg wet	66.6		118	31-142			
Surrogate: TPP	61.0		ug/kg wet	66.6		92	21-138			
<b>Matrix Spike Dup Analyzed: 07/02/2006-07/03/2006 (6061196-MSD1)</b>										
<b>Source: IPF2368-01</b>										
Dichlorvos	41.7	39.9	ug/kg wet	66.5	ND	63	12-113	0	68	
Ethoprop	79.4	79.8	ug/kg wet	66.5	ND	119	29-130	3	59	
Parathion-methyl	87.7	39.9	ug/kg wet	66.5	ND	132	24-138	13	55	Q-28
Stirophos (Tetrachlorvinphos)	68.9	39.9	ug/kg wet	66.5	ND	104	25-142	1	60	Q-28
Surrogate: TBP	76.9		ug/kg wet	66.5		116	31-142			
Surrogate: TPP	50.9		ug/kg wet	66.5		77	21-138			
<b>Batch: 6070057 Extracted: 07/03/06</b>										
<b>Blank Analyzed: 07/06/2006 (6070057-BLK1)</b>										
Azinphos methyl	ND	40.0	ug/kg wet							
Bolstar	ND	40.0	ug/kg wet							
Chlorpyrifos	ND	40.0	ug/kg wet							
Coumaphos	ND	40.0	ug/kg wet							
Demeton, total	ND	40.0	ug/kg wet							
Demeton	ND	40.0	ug/kg wet							
Diazinon	ND	40.0	ug/kg wet							
Dichlorvos	ND	40.0	ug/kg wet							
Dimethoate	ND	40.0	ug/kg wet							
Disulfoton	ND	40.0	ug/kg wet							
Ethoprop	ND	40.0	ug/kg wet							

TestAmerica - Irvine, CA  
 Sushmitha Reddy  
 Project Manager

Clayton Group Services, Honolulu  
 970 N. Kalaheo Avenue, C-316  
 Kailua, HI 96734  
 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

**METHOD BLANK/QC DATA**

**Organophosphorus Pesticides per EPA Method 8141A**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 6070057 Extracted: 07/03/06</b>										
<b>Blank Analyzed: 07/06/2006 (6070057-BLK1)</b>										
Fensulfothion	ND	40.0	ug/kg wet							
EPN	ND	40.0	ug/kg wet							
Fenthion	ND	40.0	ug/kg wet							
Malathion	ND	40.0	ug/kg wet							
Mevinphos	ND	40.0	ug/kg wet							
Parathion-methyl	ND	40.0	ug/kg wet							
Parathion-ethyl	ND	40.0	ug/kg wet							
Phorate	ND	40.0	ug/kg wet							
Ronnel	ND	40.0	ug/kg wet							
Stirophos (Tetrachlorvinphos)	ND	40.0	ug/kg wet							
Tokuthion (Prothiofos)	ND	40.0	ug/kg wet							
Trichloronate	ND	40.0	ug/kg wet							
Surrogate: TBP	62.0		ug/kg wet	66.6		93	31-142			
Surrogate: TPP	47.4		ug/kg wet	66.6		71	21-138			
<b>LCS Analyzed: 07/06/2006 (6070057-BS1)</b>										
Dichlorvos	42.4	39.5	ug/kg wet	65.9		64	32-118			
Ethoprop	55.9	39.5	ug/kg wet	65.9		85	45-113			Q-28
Parathion-methyl	56.5	39.5	ug/kg wet	65.9		86	40-115			
Stirophos (Tetrachlorvinphos)	46.8	39.5	ug/kg wet	65.9		71	43-135			
Surrogate: TBP	56.7		ug/kg wet	65.9		86	31-142			
Surrogate: TPP	49.9		ug/kg wet	65.9		76	21-138			
<b>LCS Dup Analyzed: 07/06/2006 (6070057-BSD1)</b>										
Dichlorvos	54.5	39.8	ug/kg wet	66.3		82	32-118	25	33	
Ethoprop	74.7	39.8	ug/kg wet	66.3		113	45-113	29	20	Q-29, Q-28
Parathion-methyl	69.0	39.8	ug/kg wet	66.3		104	40-115	20	27	
Stirophos (Tetrachlorvinphos)	61.5	39.8	ug/kg wet	66.3		93	43-135	27	41	
Surrogate: TBP	61.8		ug/kg wet	66.3		93	31-142			
Surrogate: TPP	50.7		ug/kg wet	66.3		77	21-138			

TestAmerica - Irvine, CA  
 Sushmitha Reddy  
 Project Manager

Clayton Group Services, Honolulu  
 970 N. Kalaheo Avenue, C-316  
 Kailua, HI 96734  
 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

**METHOD BLANK/QC DATA**

**Organophosphorus Pesticides per EPA Method 8141A**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 6070057 Extracted: 07/03/06</b>										
<b>Matrix Spike Analyzed: 07/06/2006 (6070057-MS1)</b>					<b>Source: PPF0814-10RE1</b>					
Dichlorvos	45.6	39.9	ug/kg wet	66.5	ND	69	12-113			
Ethoprop	75.3	39.9	ug/kg wet	66.5	ND	113	29-130			Q-28
Parathion-methyl	51.1	39.9	ug/kg wet	66.5	ND	77	24-138			
Stirophos (Tetrachlorvinphos)	50.4	39.9	ug/kg wet	66.5	ND	76	25-142			
Surrogate: TBP	55.4		ug/kg wet	66.5		83	31-142			
Surrogate: TPP	43.6		ug/kg wet	66.5		66	21-138			
<b>Matrix Spike Dup Analyzed: 07/06/2006 (6070057-MSD1)</b>					<b>Source: PPF0814-10RE1</b>					
Dichlorvos	43.2	39.9	ug/kg wet	66.6	ND	65	12-113	5	68	
Ethoprop	70.3	39.9	ug/kg wet	66.6	ND	106	29-130	7	59	Q-28
Parathion-methyl	52.8	39.9	ug/kg wet	66.6	ND	79	24-138	3	55	
Stirophos (Tetrachlorvinphos)	54.1	39.9	ug/kg wet	66.6	ND	81	25-142	7	60	
Surrogate: TBP	57.0		ug/kg wet	66.6		86	31-142			
Surrogate: TPP	47.0		ug/kg wet	66.6		71	21-138			

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 Sushmitha Reddy  
 Project Manager

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Clayton Group Services, Honolulu  
 970 N. Kalaha Avenue, C-316  
 Kailua, HI 96734  
 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

## METHOD BLANK/QC DATA

### Chlorinated Herbicides per EPA Method 8151A Modified

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 6061079 Extracted: 06/26/06</b>										
<b>Blank Analyzed: 06/28/2006 (6061079-BLK1)</b>										
2,4-D	ND	20.0	ug/kg wet							
2,4-DB	ND	20.0	ug/kg wet							
2,4,5-T	ND	20.0	ug/kg wet							
2,4,5-TP (Silvex)	ND	20.0	ug/kg wet							
Dalapon	ND	20.0	ug/kg wet							
Dicamba	ND	20.0	ug/kg wet							
Dichlorprop	ND	20.0	ug/kg wet							
Dinoseb	ND	20.0	ug/kg wet							
MCPA	ND	2000	ug/kg wet							
MCPP	ND	2000	ug/kg wet							
Surrogate: 2,4-Dichlorophenylacetic acid	31.5		ug/kg wet	66.7		47	30-140			
<b>LCS Analyzed: 06/28/2006 (6061079-BS1)</b>										
2,4-D	51.0	20.0	ug/kg wet	100		51	45-112			
2,4-DB	63.1	20.0	ug/kg wet	100		63	32-145			
2,4,5-T	62.1	20.0	ug/kg wet	100		62	40-121			
2,4,5-TP (Silvex)	58.9	20.0	ug/kg wet	100		59	44-106			
Dalapon	33.3	20.0	ug/kg wet	100		33	27-103			
Dicamba	51.2	20.0	ug/kg wet	100		51	43-117			
Dichlorprop	60.1	20.0	ug/kg wet	100		60	36-107			
Dinoseb	24.1	20.0	ug/kg wet	100		24	22-130			
MCPA	5920	2000	ug/kg wet	10000		59	36-118			
MCPP	7220	2000	ug/kg wet	10000		72	44-115			
Surrogate: 2,4-Dichlorophenylacetic acid	41.3		ug/kg wet	66.7		62	30-140			
<b>LCS Dup Analyzed: 06/28/2006 (6061079-BSD1)</b>										
2,4-D	56.2	20.0	ug/kg wet	100		56	45-112	10	35	
2,4-DB	69.4	20.0	ug/kg wet	100		69	32-145	10	35	
2,4,5-T	69.2	20.0	ug/kg wet	100		69	40-121	11	35	
2,4,5-TP (Silvex)	62.2	20.0	ug/kg wet	100		62	44-106	5	40	
Dalapon	37.5	20.0	ug/kg wet	100		38	27-103	12	35	
Dicamba	54.7	20.0	ug/kg wet	100		55	43-117	7	35	
Dichlorprop	64.2	20.0	ug/kg wet	100		64	36-107	7	35	
Dinoseb	59.9	20.0	ug/kg wet	100		60	22-130	85	40	Q-33
MCPA	6160	2000	ug/kg wet	10000		62	36-118	4	35	
MCPP	6580	2000	ug/kg wet	10000		66	44-115	9	35	

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 Sushmitha Reddy  
 Project Manager

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Clayton Group Services, Honolulu  
 970 N. Kalaheo Avenue, C-316  
 Kailua, HI 96734  
 Attention: Virgil Kong

Project ID: Maui Lani  
 85-04265  
 Report Number: IPF2368

Sampled: 06/21/06  
 Received: 06/22/06

**METHOD BLANK/QC DATA**

**Chlorinated Herbicides per EPA Method 8151A Modified**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 6061079 Extracted: 06/26/06</b>										
<b>LCS Dup Analyzed: 06/28/2006 (6061079-BSD1)</b>										
Surrogate: 2,4-Dichlorophenylacetic acid	44.5		ug/kg wet	66.7		67	30-140			
<b>Matrix Spike Analyzed: 06/28/2006 (6061079-MS1)</b>										
					<b>Source: PPF0999-07</b>					
2,4-D	68.5	27.1	ug/kg dry	136	ND	50	32-125			
2,4-DB	57.2	27.1	ug/kg dry	136	ND	42	20-148			
2,4,5-T	87.4	27.1	ug/kg dry	136	ND	64	27-146			
2,4,5-TP (Silvex)	71.5	27.1	ug/kg dry	136	ND	53	30-104			
Dalapon	42.7	27.1	ug/kg dry	136	ND	31	14-107			
Dicamba	62.0	27.1	ug/kg dry	136	ND	46	39-103			
Dichlorprop	76.6	27.1	ug/kg dry	136	ND	56	39-102			
Dinoseb	70.4	27.1	ug/kg dry	136	ND	52	12-154			
MCPA	7610	2710	ug/kg dry	13600	ND	56	37-118			
MCPP	8670	2710	ug/kg dry	13600	ND	64	32-115			
Surrogate: 2,4-Dichlorophenylacetic acid	56.7		ug/kg dry	90.3		63	30-140			
<b>Matrix Spike Dup Analyzed: 06/28/2006 (6061079-MSD1)</b>										
					<b>Source: PPF0999-07</b>					
2,4-D	75.4	27.1	ug/kg dry	136	ND	55	32-125	10	35	
2,4-DB	50.9	27.1	ug/kg dry	136	ND	37	20-148	12	35	
2,4,5-T	67.4	27.1	ug/kg dry	136	ND	50	27-146	26	35	
2,4,5-TP (Silvex)	69.1	27.1	ug/kg dry	136	ND	51	30-104	3	40	
Dalapon	43.9	27.1	ug/kg dry	136	ND	32	14-107	3	50	
Dicamba	47.5	27.1	ug/kg dry	136	ND	35	39-103	27	35	Q-01
Dichlorprop	73.2	27.1	ug/kg dry	136	ND	54	39-102	5	40	
Dinoseb	66.4	27.1	ug/kg dry	136	ND	49	12-154	6	40	
MCPA	8260	2710	ug/kg dry	13600	ND	61	37-118	8	35	
MCPP	9520	2710	ug/kg dry	13600	ND	70	32-115	9	40	
Surrogate: 2,4-Dichlorophenylacetic acid	58.6		ug/kg dry	90.3		65	30-140			

TestAmerica - Irvine, CA  
 Sushmitha Reddy  
 Project Manager

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Clayton Group Services, Honolulu  
970 N. Kalaeo Avenue, C-316  
Kailua, HI 96734  
Attention: Virgil Kong

Project ID: Maui Lani  
85-04265  
Report Number: IPF2368

Sampled: 06/21/06  
Received: 06/22/06

## DATA QUALIFIERS AND DEFINITIONS

- A-01 Matrix interference confirmed with the run on GCMS#55 on 06/26/06.
- I Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
- M-HA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
- M-NR No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
- Q-01 The matrix spike recovery, and/or RPD, for this QC sample is outside of established control limits. Failure of a matrix spike QC sample does not represent an out-of-control condition for the batch.
- Q-28 The recovery of the daily Continuing Calibration Verification Standard (CCV) was above method specified criteria for this analyte. Results for QC Samples may be biased high.
- Q-29 The recovery for the Laboratory Control Sample, and/or LCS Duplicate, for this analyte was above method specified criteria. All samples were Non Detect for this analyte, therefore Data Quality is not affected.
- Q-33 %RPD for the LCS/LCS Duplicate QC samples are outside of specified criteria. Recoveries for these QC control samples are within acceptable limits.
- R-1 The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the higher value was reported.
- R-10 The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the lower value was reported due to apparent chromatographic problems.
- RL-1 Reporting limit raised due to sample matrix effects.
- X See case narrative.
- Z Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD Relative Percent Difference

TestAmerica - Irvine, CA  
Sushmitha Reddy  
Project Manager

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IPF2368 <Page 44 of 45>

# TestAmerica

ANALYTICAL TESTING CORPORATION

17461 Derian Avenue, Suite 100 Irvine, CA 92614 (949) 261-1022 Fax:(949) 261-1228

Clayton Group Services, Honolulu  
970 N. Kalaheo Avenue, C-316  
Kailua, HI 96734  
Attention: Virgil Kong

Project ID: Maui Lani  
85-04265  
Report Number: IPF2368

Sampled: 06/21/06  
Received: 06/22/06

## Certification Summary

### TestAmerica - Irvine, CA

Method	Matrix	Nelac	Hawaii
EPA 3545/8081A	Soil	X	
EPA 6010B	Soil	X	
EPA 8141A	Soil		
EPA 8151A	Soil	X	
EPA 8260B	Soil	X	

*Nevada and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at [www.testamericainc.com](http://www.testamericainc.com)*

### Subcontracted Laboratories

#### North Creek Analytical-Beaverton

9405 Southwest Nimbus Avenue - Beaverton, OR 97008

Analysis Performed: 8141A-Full

Samples: IPF2368-01, IPF2368-02, IPF2368-03, IPF2368-04, IPF2368-05

Analysis Performed: 8151A (Herbicides)

Samples: IPF2368-01, IPF2368-02, IPF2368-03, IPF2368-04, IPF2368-05

#### North Creek Analytical, Portland *California Cert #2354*

9405 SW Nimbus Avenue - Beaverton, OR 97008

Method Performed: 8151mod

Samples: IPF2368-01, IPF2368-02, IPF2368-03, IPF2368-04, IPF2368-05

Method Performed: EPA 8141A

Samples: IPF2368-01RE1, IPF2368-02RE1, IPF2368-03RE1, IPF2368-04RE1, IPF2368-05, IPF2368-05RE1

TestAmerica - Irvine, CA  
Sushmitha Reddy  
Project Manager

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IPF2368 <Page 45 of 45>

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# Del Mar Analytical

17461 Derian Ave. Suite 100, Irvine, CA 92614 Ph (949) 261-1022 Fax (949) 261-1228  
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 Ph (909) 370-4667 Fax (909) 370-1046  
 9484 Chesapeake Drive, Suite 805, San Diego, CA 92123 Ph (619) 505-9596 Fax (619) 505-9689  
 9830 South 51st Street, Suite B-120, Phoenix, AZ 85044 Ph (480) 785-0043 Fax (480) 785-0851  
 2520 E. Suneet Rd., Suite #3, Las Vegas, NV 89120 Ph (702) 796-3620 Fax (702) 796-3621

## SUBCONTRACT ORDER - PROJECT # IPF2368 PPF1044

**SENDING LABORATORY:**  
 Del Mar Analytical - Irvine  
 17461 Derian Avenue. Suite 100  
 Irvine, CA 92614  
 Phone: (949) 261-1022  
 Fax: (949) 261-1228  
 Project Manager: Sushmitha Reddy

**RECEIVING LABORATORY:**  
 North Creek Analytical - Portland  
 9405 Southwest Nimbus Avenue  
 Beaverton, OR 97008  
 Phone : (503) 906-9200  
 Fax: (503) 906-9210

Analysis	Expiration	Due	Comments
<b>Sample ID: IPF2368-01</b> Soil	<b>Sampled: 06/21/06 09:05</b>		
8141A-Full	07/05/06 09:05	07/03/06 12:00	
8151A (Herbicides)	07/05/06 09:05	07/03/06 12:00	
<b>Containers Supplied:</b> 8 oz Jar (IPF2368-01C)			
<b>Sample ID: IPF2368-02</b> Soil	<b>Sampled: 06/21/06 09:30</b>		
8141A-Full	07/05/06 09:30	07/03/06 12:00	
8151A (Herbicides)	07/05/06 09:30	07/03/06 12:00	
<b>Containers Supplied:</b> 8 oz Jar (IPF2368-02C)			
<b>Sample ID: IPF2368-03</b> Soil	<b>Sampled: 06/21/06 09:50</b>		
8141A-Full	07/05/06 09:50	07/03/06 12:00	
8151A (Herbicides)	07/05/06 09:50	07/03/06 12:00	
<b>Containers Supplied:</b> 8 oz Jar (IPF2368-03C)			
<b>Sample ID: IPF2368-04</b> Soil	<b>Sampled: 06/21/06 10:10</b>		
8141A-Full	07/05/06 10:10	07/03/06 12:00	
8151A (Herbicides)	07/05/06 10:10	07/03/06 12:00	
<b>Containers Supplied:</b> 8 oz Jar (IPF2368-04C)			
<b>Sample ID: IPF2368-05</b> Soil	<b>Sampled: 06/21/06 10:30</b>		
8141A-Full	07/05/06 10:30	07/03/06 12:00	
8151A (Herbicides)	07/05/06 10:30	07/03/06 12:00	
<b>Containers Supplied:</b> 8 oz Jar (IPF2368-05C)			

**SAMPLE INTEGRITY:**

All containers intact:  Yes  No      Sample labels/COC agree:  Yes  No      Samples Received On Ice::  Yes  No  
 Custody Seals Present:  Yes  No      Samples Preserved Properly:  Yes  No      Samples Received at (temp): \_\_\_\_\_

Released By: *[Signature]* Date: 6/22/06 Time: \_\_\_\_\_ Received By: *[Signature]* Date: 6-23-06 Time: 10:19

Released By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

TAT \_\_\_\_\_

Non-Conformances?

Circle Y or N

(If Y, see other side)

### TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By:

(appplies to temp. at receipt)

Date: 6/23/06

Time: 10:11

Initials: JS

Logged-in By:

Date: 6/26

Initials: SM

Unpacked/Labeled By:

Date: 6/26

Initials: SM

Cooler ID: \_\_\_\_\_ ( \_\_\_ of \_\_\_ )

Work Order No. PPF1044

Client: IRUWE

Project: Subcontract

Container Type:

1 Cooler

\_\_\_ Box

\_\_\_ None/Other \_\_\_\_\_

COC Seals:

✓ Ship. Container

\_\_\_ On Bottles

\_\_\_ None

Sign By: Van Pan

Date: 6-22-06

Packing Material:

✓ Bubble Bags \_\_\_ Styrofoam

\_\_\_ Foam Packs

\_\_\_ None/Other Other \_\_\_\_\_

Refrigerant:

\_\_\_ Gel Ice Pack \_\_\_\_\_

✓ Loose Ice IN Bag

\_\_\_ None/Other \_\_\_\_\_

Received Via: Bill# 79047581

\_\_\_ Fed Ex \_\_\_ Client

✓ UPS \_\_\_ NCA Courier

\_\_\_ DHL \_\_\_ Mid Valley

\_\_\_ Senvoy \_\_\_ TDP

\_\_\_ GS \_\_\_ Other \_\_\_\_\_

Cooler Temperature (IR): 5.4 °C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)  
(circle one)

Temperature Blank? \_\_\_ °C or NA

Trip Blank? Y or N or NA

Sample Containers:

ID

ID

Intact? Y or N

Metals Preserved? Y or N or NA

Provided by NCA? Y or N

Client QAPP Preserved? Y or N or NA

Correct Type? Y or N

Adequate Volume? Y or N

#Containers match COC? Y or N

Water VOAs: Headspace? Y or N or NA

IDs/time/date match COC? Y or N

Comments: \_\_\_\_\_

Hold Times in hold? Y or N

### PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments, Problems \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Total access set up?

Y or N

Has client been contacted regarding non-conformances?

Y or N

If Y, \_\_\_ / \_\_\_ / \_\_\_  
Date Time

PM Initials \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_



# Oceanic Analytical Laboratory, Inc.

99-193 Aiea Heights Drive, Suite 121, Aiea, Hawaii 96701-3900  
Telephone: (808) 486-4485 FAX: (808) 486-2456 E-mail: info@oceanic-lab.com

IPF2368

LABORATORY USE ONLY

LAB JOB NO

LOCATION

CONTAINERS

## Chain of Custody / Analysis Request Form

Report To		Project Identification		Indicate Analysis Requested		Laboratory No.										
Company Name	Job Name	Job Number	Date of Sample Shipment	Matrix	Preservation Method	Date	Time	Number of Containers	COMP	GRAB	Delivery Method	Received by (Print/Signature)	Company / Agency Affiliation	Date / Time Received	Condition Noted	
VIRGIL KONG	MAI MAI	17000-00037000	6-21-06	STANDARD												
Address: 890 KALANANAKU AVE #203	City: KAILUA HI	State: HI	ZIP: 96734	Phone: (808) 531-6708	Fax: (808) 531-4084	# of Samples in Shipment: 5										
Sampler: V KONG																
1	SS1		6-21-06	0905				5	X	X	FEDEX	Ray Brown	DMAI	6/22/06 1030	602	
2	SS2			0930				5	X	X						
3	SS3			0950				5	X	X						
4	SS4			1010				5	X	X						
5	SS5			1030				5	X	X						
6																
7																
8																
9																
10																

52  
6/22/06  
15/5

Please Check Box  
 Dispose by Lab  
 Return to Client  
 Archive

Comments: Email result to Virgil.kong@us.bureauverrill.com