



aqua-terra
environmental
consultants

213 Sawyer St., Auburn, CA. 95603
(530) 885-0573

23 November 2015

Placer County Department of Health and Human Services
Division of Environmental Health
3091 County Center Dr. Suite 180
Auburn, CA. 95603
Attn. Mr. West Bourgault

Re: Site Investigation Workplan- APN: 045-071-064-000

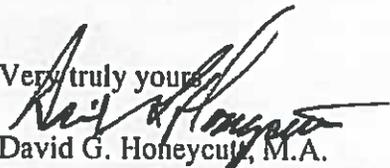
Dear West,

As part of the environmental review process for this proposed minor land division, your office is requiring that the site be screened for the presence of persistent pesticides in accordance with the Interim Guidance For Sampling Agricultural Properties (Third Revision) dated August 7, 2008. Based upon the results of an initial sampling program, levels of Arsenic, Lead and Organochlorine Pesticides do not exceed screening levels in any of the surface soil samples collected. Arsenic, Lead and Organochlorine Pesticides therefore do not appear to be chemicals of potential concern (COPC).

Attached is a report entitled **SITE INVESTIGATION WORKPLAN JUSTICE PROPERTY APN: 045-071-064-000 LOOMIS, PLACER COUNTY, CA.** The purpose of this report is to provide the required work plan for the collection and analysis of additional soil samples to assess potential impacts from historic agricultural activities. Specifically, samples will be analyzed to further assess Organochlorine Pesticides levels at the subject site.

Subject to your review and approval, soil samples will be collected and analyzed pursuant to the sampling workplan. It is anticipated that the sampling will commence within the next thirty (30) days. If you need any additional information or should you have any questions regarding the information contained in this report please feel free to contact me a (530) 885-7892. Thanks for your assistance in this matter.

Very truly yours


David G. Honeycutt, M.A.
Registered Environmental Health Specialist # 4348

Cc. Dave Justice

COPY

Situs Information:

APN: 045-071-064-000

Owner/Applicant: David and Larissa Justice
5321 Brookcrest Ct.
Rocklin, CA. 95677
(916) 626-0500

Property Location: 6639 Wishing Well Way In Loomis, Placer County, CA.

Parcel Size: 18.15 AC.

Water Supply: PCWA

Introduction:

On 4 November 2015 soil samples were collected and analyzed to provide background information regarding the presence of pesticides at this historic agricultural property. Surface soil samples were collected from select areas of the site and submitted to California Laboratory Services (CLS) located in Ranch Cordova, CA. for analysis. Samples were analyzed for Lead, Arsenic and Organochlorine Pesticides (OCP's). Based upon the results of this initial sampling program, levels of Arsenic, Lead and OCP's did not exceed screening levels in any of the surface soil samples collected. Arsenic, Lead and OCP's therefore do not appear to be chemicals of potential concern (COPC). For reference a copy of the initial sampling results is included in Appendix A of this workplan.

David and Larissa Justice are planning to subdivide the subject property into three (3) parcels. As part of the environmental review process for this proposed minor land division, the Placer County Division of Environmental Health will require that additional soil samples be collected and analyzed for Organochlorine Pesticides in accordance with the Interim Guidance For Sampling Agricultural Properties (Third Revision) dated August 7, 2008.

The purpose of this report will be to provide a work plan for the collection and analysis of the additional soil samples that will be used to further assess potential impacts from historic agricultural activities. The lead agency for this project will be the Placer County Division of Environmental Health located in Auburn, CA. This agency will be contacted to obtain all necessary approvals prior to commencement of the proposed sampling.

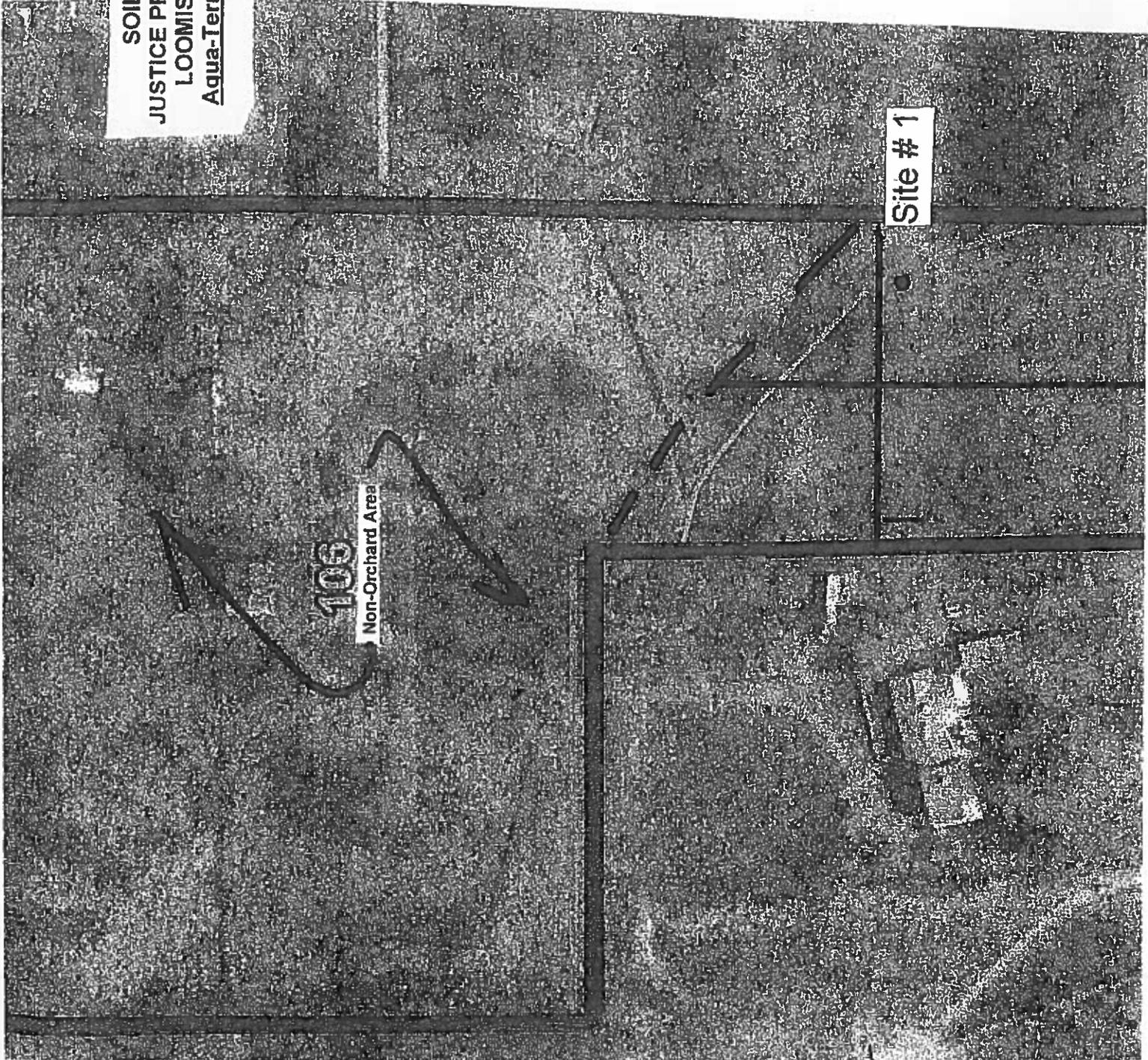
Environmental Setting:

The Justice property APN: 045-071-064-000 consists of approximately 18.15 acres. The site is currently developed with a mobile home, milk house and outbuilding that were associated with a previous dairy farm operation. The Placer County 1938 historical aerial photo indicates that approximately 12.0 acres of the subject property were under production as a fruit orchard. The site has multiple aspects on gently sloping terrain with slope gradients ranging from 0 to 15 percent. Typical vegetation cover on the property consists of Live Oak, Blue Oaks and annual grasses. Low and wet areas also support Willows, Cottonwoods, Blackberries and Wire Grass. Surface drainage from the property is generally towards the South to Southwest that drains into a tributary to Secret Ravine.

SOIL SAMPLING SITE PLAN
JUSTICE PROPERTY -APN:045-071-064-000
LOOMIS, PLACER COUNTY, CA.
Aqua-Terra Environmental Consultants
Auburn, CA.

100
Non-Orchard Area

Site # 1





**aqua-terra
environmental
consultants**

213 Sawyer St., Auburn, CA. 95603
(530) 885-0573

28 December 2015

David and Larissa Justice
55321 Brookcrest Ct.
Rocklin, CA. 95677

Re: Site Investigation - APN: 045-071-064-000

Dear David and Larissa,

Enclosed is a billing invoice, a copy of a cover letter addressed the Placer County Division of Environmental Health and one (1) copy of the report which details the results of the additional soil sampling that was conducted on 14 December 2015.

Based upon the results of this sampling program, Organochlorine Pesticides were not detected in any composite soil sample. Organochlorine Pesticides are therefore not considered to be chemicals of potential concern (COPC). Historic agricultural use of this property does not appear to be a constraint to site development.

The report needs to be submitted to West Bourgault, P.G., representative from the Placer County Division of Environmental Health for his review. If you have any questions or would like to discuss this matter further, please feel free to contact me at (530) 885-0573. It's been a pleasure.

Very truly yours,

David G. Honeycutt, M.A.
Registered Environmental Health Specialist # 4348

Situs Information:

APN: 045-071-064-000

Owner/Applicant: David and Larissa Justice
55321 Brookcrest Ct.
Rocklin, CA. 95677

Property Location: 6639 Wishing Well Way - Loomis, Placer County, CA.

Parcel Size: 18.15 AC.

Water Supply: Wells

Introduction:

Pursuant to this firm's work plan entitled **SITE INVESTIGATION WORKPLAN JUSTICE PROPERTY APN: 045-071-064-000 LOOMIS, PLACER COUNTY, CA.** dated 23 November 2015 additional soil samples were collected and analyzed to assess potential impacts from historic agricultural activities. As described in the work plan, surface soil samples were collected from select areas of the site and submitted under chain of custody to California Laboratory Services located in Rancho Cordova, CA. for analysis. Soil samples were analyzed for Organochlorine Pesticides (OCP's). Reference DTSC Interim Guidance For Sampling Agricultural Properties (Third Revision) dated August 7, 2008. The purpose of this letter is to summarize the results of the soil sampling conducted by Aqua-Terra.

Historic Orchard Area Soil Sampling:

Utilizing a generalized grid layout, sixteen (16) discreet surface soil samples were collected from the subject site on 14 December 2015. To evaluate Organochlorine Pesticide (OCP) levels, adjacent soil samples were composited at 4:1 ratios. Four (4) composite samples were prepared for analysis. Soil samples were submitted to California Laboratory Services for analysis on 15 December 2015. Refer to the attached site map for sampling locations.

Laboratory Analysis and Sample Results:

Composite soil samples were analyzed for Organochlorine Pesticides utilizing EPA 8081 and 8260 methodologies. Table 1 presents the analytical results reported by California Laboratory Services. Refer to Appendix A for laboratory reports, QA/QC and chain of custody documentation.

Appendix A
Soil Sampling Laboratory Results
Justice Property

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

December 22, 2015

CLS Work Order #: CYL0664

COC #: 167272

Dave Honeycutt
Aqua Terra Environmental
213 Sawyer St.
Auburn, CA 95603

Project Name: Justice Property

Enclosed are the results of analyses for samples received by the laboratory on 12/15/15 10:33. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,



James Liang, Ph.D.
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

CALIFORNIA LABORATORY SERVICES

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12/22/15 13:57

Aqua Terra Environmental 213 Sawyer St. Auburn, CA 95603	Project: Justice Property Project Number: [none] Project Manager: Dave Honeycutt	CLS Work Order #: CYL0664 COC #: 167272
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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
9 (CYL0664-01) Soil Sampled: 12/14/15 15:00 Received: 12/15/15 10:33									QRL-8
4,4'-DDD	ND	17	µg/kg	5	CY08748	12/15/15	12/18/15	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	8.5	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	15	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl

56 % 52-141

Surrogate: Tetrachloro-meta-xylene

85 % 46-139

10 (CYL0664-02) Soil Sampled: 12/14/15 15:10 Received: 12/15/15 10:33									QRL-8
4,4'-DDD	ND	17	µg/kg	5	CY08748	12/15/15	12/18/15	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	8.5	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	

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12/22/15 13:57

Aqua Terra Environmental 213 Sawyer St. Auburn, CA 95603	Project: Justice Property Project Number: [none] Project Manager: Dave Honeycutt	CLS Work Order #: CYL0664 COC #: 167272
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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
11 (CYL0664-03) Soil Sampled: 12/14/15 15:20 Received: 12/15/15 10:33									QRL-8
Endrin	ND	17	µg/kg	5	CY08748	-	12/18/15	EPA 8081A	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	
Mirex	ND	17	"	"	"	"	"	"	
Toxaphene	ND	100	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		50 %		52-141	"	"	"	"	<i>QS-4</i>
<i>Surrogate: Tetrachloro-meta-xylene</i>		82 %		46-139	"	"	"	"	
12 (CYL0664-04) Soil Sampled: 12/14/15 15:30 Received: 12/15/15 10:33									QRL-8
4,4'-DDD	ND	17	µg/kg	5	CY08748	12/15/15	12/18/15	EPA 8081A	
4,4'-DDE	ND	17	"	"	"	"	"	"	
4,4'-DDT	ND	17	"	"	"	"	"	"	
Aldrin	ND	8.5	"	"	"	"	"	"	
alpha-BHC	ND	8.5	"	"	"	"	"	"	
beta-BHC	ND	8.5	"	"	"	"	"	"	
Chlordane-technical	ND	17	"	"	"	"	"	"	
delta-BHC	ND	8.5	"	"	"	"	"	"	
Dieldrin	ND	15	"	"	"	"	"	"	
Endosulfan I	ND	8.5	"	"	"	"	"	"	
Endosulfan II	ND	17	"	"	"	"	"	"	
Endosulfan sulfate	ND	17	"	"	"	"	"	"	
Endrin	ND	17	"	"	"	"	"	"	
Endrin aldehyde	ND	17	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	8.5	"	"	"	"	"	"	
Heptachlor	ND	8.5	"	"	"	"	"	"	
Heptachlor epoxide	ND	8.5	"	"	"	"	"	"	
Methoxychlor	ND	85	"	"	"	"	"	"	

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12/22/15 13:57

Aqua Terra Environmental 213 Sawyer St. Auburn, CA 95603	Project: Justice Property Project Number: [none] Project Manager: Dave Honeycutt	CLS Work Order #: CYL0664 COC #: 167272
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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
9 (CYL0664-01) Soil Sampled: 12/14/15 15:00 Received: 12/15/15 10:33									
1,2-Dibromo-3-chloropropane	ND	10	µg/kg	1	CY08739	12/15/15	12/15/15	EPA 8260B	
<i>Surrogate: 4-Bromofluorobenzene</i>		104 %	50-128		"	"	"	"	
10 (CYL0664-02) Soil Sampled: 12/14/15 15:10 Received: 12/15/15 10:33									
1,2-Dibromo-3-chloropropane	ND	10	µg/kg	1	CY08739	12/15/15	12/15/15	EPA 8260B	
<i>Surrogate: 4-Bromofluorobenzene</i>		107 %	50-128		"	"	"	"	
11 (CYL0664-03) Soil Sampled: 12/14/15 15:20 Received: 12/15/15 10:33									
1,2-Dibromo-3-chloropropane	ND	10	µg/kg	1	CY08739	12/15/15	12/15/15	EPA 8260B	
<i>Surrogate: 4-Bromofluorobenzene</i>		108 %	50-128		"	"	"	"	
12 (CYL0664-04) Soil Sampled: 12/14/15 15:30 Received: 12/15/15 10:33									
1,2-Dibromo-3-chloropropane	ND	10	µg/kg	1	CY08739	12/15/15	12/15/15	EPA 8260B	
<i>Surrogate: 4-Bromofluorobenzene</i>		110 %	50-128		"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

CALIFORNIA LABORATORY SERVICES

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Aqua Terra Environmental 213 Sawyer St. Auburn, CA 95603	Project: Justice Property Project Number: [none] Project Manager: Dave Honeycutt	CLS Work Order #: CYL0664 COC #: 167272
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Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Batch CY08748 - LUFT-DHS GCNV										
LCS (CY08748-BS1)										
					Prepared: 12/15/15 Analyzed: 12/18/15					
<i>Surrogate: Decachlorobiphenyl</i>	15.8		µg/kg	16.7		93	52-141			
LCS Dup (CY08748-BS1)										
					Prepared: 12/15/15 Analyzed: 12/18/15					
Aldrin	20.1	1.7	µg/kg	33.3		60	47-132	12	30	
gamma-BHC (Lindane)	20.6	1.7	"	33.3		62	56-133	14	30	
4,4'-DDT	25.2	3.3	"	33.3		76	46-137	11	30	
Dieldrin	23.0	3.0	"	33.3		69	44-143	6	30	
Endrin	26.2	3.3	"	33.3		79	30-147	10	30	
Heptachlor	18.3	1.7	"	33.3		55	33-148	17	30	
<i>Surrogate: Tetrachloro-meta-xylene</i>	8.56		"	16.7		51	46-139			
<i>Surrogate: Decachlorobiphenyl</i>	14.0		"	16.7		84	52-141			
Matrix Spike (CY08748-MS1)										
			Source: CYL0664-01		Prepared: 12/15/15 Analyzed: 12/18/15					
Aldrin	18.5	8.5	µg/kg	33.3	ND	55	47-138			QRL-8
gamma-BHC (Lindane)	22.0	8.5	"	33.3	ND	66	38-144			
4,4'-DDT	23.3	17	"	33.3	5.20	54	41-157			
Dieldrin	21.0	15	"	33.3	ND	63	46-155			
Endrin	25.5	17	"	33.3	ND	77	34-149			
Heptachlor	16.3	8.5	"	33.3	ND	49	36-155			
<i>Surrogate: Tetrachloro-meta-xylene</i>	14.3		"	16.7		86	46-139			
<i>Surrogate: Decachlorobiphenyl</i>	10.9		"	16.7		65	52-141			
Matrix Spike Dup (CY08748-MSD1)										
			Source: CYL0664-01		Prepared: 12/15/15 Analyzed: 12/18/15					
Aldrin	17.8	8.5	µg/kg	33.3	ND	53	47-138	4	35	
gamma-BHC (Lindane)	20.6	8.5	"	33.3	ND	62	38-144	7	35	
4,4'-DDT	20.4	17	"	33.3	5.20	45	41-157	14	35	
Dieldrin	20.0	15	"	33.3	ND	60	46-155	5	35	
Endrin	23.8	17	"	33.3	ND	71	34-149	7	35	
Heptachlor	15.2	8.5	"	33.3	ND	46	36-155	7	35	
<i>Surrogate: Tetrachloro-meta-xylene</i>	13.9		"	16.7		84	46-139			
<i>Surrogate: Decachlorobiphenyl</i>	9.61		"	16.7		58	52-141			

CA DOHS ELAP Accreditation/Registration Number 1233

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Aqua Terra Environmental 213 Sawyer St. Auburn, CA 95603	Project: Justice Property Project Number: [none] Project Manager: Dave Honeycutt	CLS Work Order #: CYL0664 COC #: 167272
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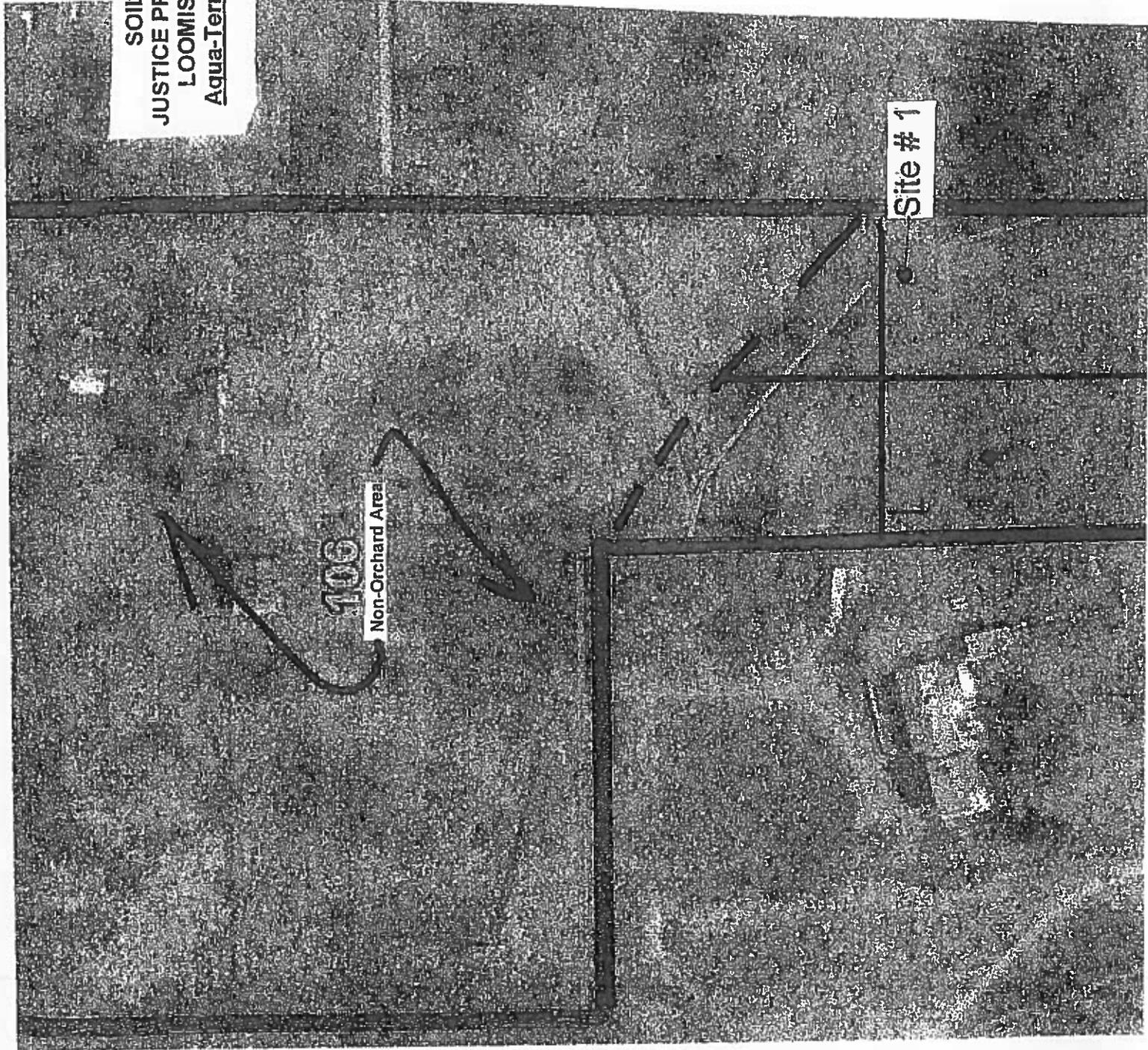
Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CY08739 - EPA 5030 Soil MS

Matrix Spike (CY08739-MS1)	Source: CYL0684-06	Prepared & Analyzed: 12/15/15
<i>Surrogate: 4-Bromofluorobenzene</i>	34.2	µg/kg 30.0 114 50-128
Matrix Spike Dup (CY08739-MSD1)	Source: CYL0684-06	Prepared & Analyzed: 12/15/15
Benzene	13.8	5.0 µg/kg 20.0 ND 69 58-139 18 30
Chlorobenzene	8.81	5.0 " 20.0 ND 44 62-134 49 30 QM-7
1,1-Dichloroethene	14.5	5.0 " 20.0 ND 73 53-152 12 30
Toluene	11.0	5.0 " 20.0 ND 55 58-139 39 30 QM-7
Trichloroethene	10.6	5.0 " 20.0 ND 53 55-138 36 30 QM-7
<i>Surrogate: 1,2-Dichloroethane-d4</i>	35.2	" 30.0 117 50-125
<i>Surrogate: Toluene-d8</i>	30.8	" 30.0 103 62-125
<i>Surrogate: 4-Bromofluorobenzene</i>	36.5	" 30.0 122 50-128

SOIL SAMPLING SITE PLAN
JUSTICE PROPERTY -APN:045-071-064-000
LOOMIS, PLACER COUNTY, CA.
Aqua-Terra Environmental Consultants
Auburn, CA.



106

Non-Orchard Area

Site # 1



aqua-terra
environmental
consultants

213 Sawyer St., Auburn, CA. 95603
(530) 885-0573

13 November 2015

David and Larissa Justice
5321 Brookcrest Ct.
Rocklin, CA. 95677
(916) 626-0500

Re: Initial Sampling Investigation –APN: 045-071-064-000

Dear David and Larissa,

In response to your request, soil samples were collected and analyzed to provide background information regarding the presence of pesticides at this historic agricultural property. The area surveyed consisted of approximately 12 acres. Surface soil samples were collected from select areas of the site and submitted to California Laboratory Services (CLS) located in Rancho Cordova, CA. for analysis. Samples were analyzed for Lead, Arsenic or Organochlorine Pesticides. Reference DTSC Interim Guidance For Sampling Agricultural Properties (Third Revision) dated August 7, 2008. The purpose of this letter is to summarize the results of the soil sampling conducted to date by Aqua-Terra.

Soil Sampling:

Six (6) discrete and two (2) composite surface soil samples were collected from the subject site on 4 November 2015 to evaluate potential impacts from historical agricultural operations. Refer to the attached site map for sampling locations. Soil samples were collected and submitted under chain of custody to CLS for analysis on 5 November 2015.

Laboratory Analysis and Sample Results:

Six (6) discreet soil samples were analyzed for Arsenic and Lead utilizing EPA 6020 and EPA 6010 methodology. Two (2) composite soil samples were also analyzed for Organochlorine Pesticides utilizing EPA 8081 and EPA 8260 methodology. Table 1 presents the analytical results reported by CLS. Refer to Appendix A for laboratory reports and chain of custody documentation.

Table 1: Soil Sampling Results-APN: 045-071-064-000

Site No.	<u>Analyte</u>				
	Arsenic (mg/kg)	Lead (mg/kg)	DDT (mg/kg)	DDE (mg/kg)	DDD (mg/kg)
1	0.49	5.4	-	-	-
2	0.43	5.8	-	-	-
3	0.61	7.3	-	-	-
4	0.40	4.9	-	-	-
5	0.40	24.0	-	-	-
6	0.57	7.4	-	-	-
7	-	-	ND	ND	ND
8	-	-	ND	ND	ND

CHHSL Screening Levels:
Lead - 80 mg/kg
DDT- 1.6mg/kg
DDE- 1.6mg/kg
DDD- 2.3mg/kg

DTSC Screening Level:
Arsenic – above 12 mg/kg

Notes:

- mg/kg-milligrams per kilogram
- ND- not detected
- DTSC- Dept. of Toxic Substance Control
- CHHSL -California Human Health Screening Levels

Arsenic concentrations in surface soil samples, sampling depth from 0 to 6 inches below ground surface (bgs), ranged from 0.40 to 0.61 mg/kg. Based upon the results of soil samples collected to date, Arsenic levels do not exceed the DTSC screening level at any sample location.

Lead concentrations in surface soil samples were found to range from 4.9 to 24 mg/kg. Based upon the results of soil samples collected to date, Lead levels do not exceed the CHHSL screening level at any sample location.

Organochlorine Pesticides were not detected in the composite soil sample. Based upon the results of soil samples collected to date, Organochlorine Pesticides do not exceed the CHHSL screening levels.

Discussion of Sampling Results:

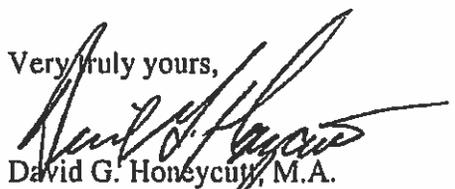
Based upon the results of this initial sampling program, levels of Arsenic, Lead and Organochlorine Pesticides do not exceed screening levels in any of the surface soil samples collected. Arsenic, Lead and Organochlorine Pesticides therefore do not appear to be chemicals of potential concern (COPC).

Recommendations:

Arsenic, Lead and Organochlorine Pesticides levels detected in the surface soils samples collected to date do not exceed screening levels. Historic agricultural use of the property therefore does not appear to be a significant constraint to site development. However, in order to subdivide the property, the Placer County Division of Environmental Health will require that additional soil sampling and analysis be conducted as part of Environmental Review. The additional soil samples will need to be analyzed for Organochlorine Pesticides. Reference DTSC Interim Guidance For Sampling Agricultural Properties (Third Revision) dated August 7, 2008.

If you have any questions or would like to discuss this matter further, please feel free to contact me at (530) 885-0573. Let me know when you would like to proceed with the additional testing. It's been a pleasure working with you on this project.

Very truly yours,


David G. Honeycutt, M.A.
Registered Environmental Health Specialist



1938 Aerial Photo
ABM 86-108

00
0

Appendix A
Laboratory Results
Justice Property

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

November 12, 2015

CLS Work Order #: CYK0302
COC #: 160137

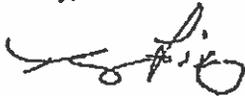
Dave Honeycutt
Aqua Terra Environmental
213 Sawyer St.
Auburn, CA 95603

Project Name: Justice Property

Enclosed are the results of analyses for samples received by the laboratory on 11/05/15 10:18. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,



James Liang, Ph.D.
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

CALIFORNIA LABORATORY SERVICES

Aqua Terra Environmental 213 Sawyer St. Auburn, CA 95603	Project: Justice Property Project Number: [none] Project Manager: Dave Honeycutt	CLS Work Order #: CYK0302 COC #: 160137
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CLS - Labs

CHAIN OF CUSTODY

CLS ID No.: *CYK0302*

LOG NO. *1018*

REPORT TO:
Aqua Terra Environmental
213 Sawyer St.
Auburn, CA 95603
Justice Property
Historic Orchard Soil Sampling
Loomis, Placer County, CA

CLIENT JOB NUMBER
 DESIGNATION LABORATORY
 CLS (916) 638-7301
 3219 FITZGERALD RD
 RANCHO CORDOVA, CA 95742
 52112
 OTHER

ANALYSIS REQUESTED
 PRESERVATIVES
EPH 6020
EPH 6110
GC Pesticides - 8081
DECP - 8260

GEOTRACKER:
 EDF REPORT YES NO
 GLOBAL ID:
 COMPOSITE
#1 - Composite of 1, 2, 3
#2 - Composite of 4, 5, 6
Clear - 1 Cos 1
 TURN AROUND TIME
 SPECIAL INSTRUCTIONS
 OR
 ALT. ID

DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER	TYPE
4 Nov	2:20	Site 1	Soil	1	Glass
	2:25	Site 2			
	2:35	Site 3			
	2:50	Site 4			
	2:55	Site 5			
	2:45	Site 6			
	3:30	7			
	3:35	8			

RECEIVED BY (SIGN): *[Signature]* PRINT NAME / COMPANY: **AQUA TERRA** DATE TIME: *5 Nov 1018*

RECEIVED BY (SIGN): _____ PRINT NAME / COMPANY: _____

SHIPPED BY: _____ FEDEX UPS OTHER DATE TIME: *11/5/15 1018*

MR. FILE # *0.172*

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11/12/15 16:45

Aqua Terra Environmental 213 Sawyer St. Auburn, CA 95603	Project: Justice Property Project Number: [none] Project Manager: Dave Honeycutt	CLS Work Order #: CYK0302 COC #: 160137
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Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Site 1 (CYK0302-01) Soil Sampled: 11/04/15 14:20 Received: 11/05/15 10:18									
Arsenic	0.49	0.10	mg/kg	1	CY07788	11/09/15	11/10/15	EPA 6020	
Lead	5.4	1.3	"	"	"	"	11/10/15	EPA 6010B	A-COM
Site 2 (CYK0302-02) Soil Sampled: 11/04/15 14:25 Received: 11/05/15 10:18									
Arsenic	0.43	0.10	mg/kg	1	CY07788	11/09/15	11/10/15	EPA 6020	
Lead	5.8	1.3	"	"	"	"	11/10/15	EPA 6010B	A-COM
Site 3 (CYK0302-03) Soil Sampled: 11/04/15 14:35 Received: 11/05/15 10:18									
Arsenic	0.61	0.10	mg/kg	1	CY07788	11/09/15	11/10/15	EPA 6020	
Lead	7.3	1.3	"	"	"	"	11/10/15	EPA 6010B	A-COM
Site 4 (CYK0302-04) Soil Sampled: 11/04/15 14:50 Received: 11/05/15 10:18									
Arsenic	0.40	0.10	mg/kg	1	CY07788	11/09/15	11/10/15	EPA 6020	
Lead	4.9	1.3	"	"	"	"	11/10/15	EPA 6010B	A-COM
Site 5 (CYK0302-05) Soil Sampled: 11/04/15 14:55 Received: 11/05/15 10:18									
Arsenic	0.40	0.10	mg/kg	1	CY07788	11/09/15	11/10/15	EPA 6020	
Lead	24	1.3	"	"	"	"	11/10/15	EPA 6010B	A-COM
Site 6 (CYK0302-06) Soil Sampled: 11/04/15 14:45 Received: 11/05/15 10:18									
Arsenic	0.57	0.10	mg/kg	1	CY07788	11/09/15	11/10/15	EPA 6020	
Lead	7.4	1.3	"	"	"	"	11/10/15	EPA 6010B	A-COM

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Aqua Terra Environmental 213 Sawyer St. Auburn, CA 95603	Project: Justice Property Project Number: [none] Project Manager: Dave Honeycutt	CLS Work Order #: CYK0302 COC #: 160137
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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
8 (CYK0302-08) Soil Sampled: 11/04/15 15:35 Received: 11/05/15 10:18									
Chlordane-technical	ND	200	µg/kg	10	CY07737	*	11/06/15	EPA 8081A	
delta-BHC	ND	100	"	"	"	"	"	"	
Dieldrin	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	150	"	"	"	"	"	"	
Endosulfan II	ND	150	"	"	"	"	"	"	
Endosulfan sulfate	ND	150	"	"	"	"	"	"	
Endrin	ND	150	"	"	"	"	"	"	
Endrin aldehyde	ND	150	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	100	"	"	"	"	"	"	
Heptachlor	ND	50	"	"	"	"	"	"	
Heptachlor epoxide	ND	20	"	"	"	"	"	"	
Methoxychlor	ND	150	"	"	"	"	"	"	
Mirex	ND	30	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
<hr/>									
Surrogate: Decachlorobiphenyl		65 %		52-141	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		65 %		46-139	"	"	"	"	

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CALIFORNIA LABORATORY SERVICES

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Aqua Terra Environmental 213 Sawyer St. Auburn, CA 95603	Project: Justice Property Project Number: [none] Project Manager: Dave Honeycutt	CLS Work Order #: CYK0302 COC #: 160137
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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
7 (CYK0302-07) Soil Sampled: 11/04/15 15:30 Received: 11/05/15 10:18									
1,2-Dibromo-3-chloropropane	ND	10	µg/kg	1	CY07772	11/06/15	11/07/15	EPA 8260B	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %		50-125	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		124 %		50-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		85 %		62-125	"	"	"	"	
8 (CYK0302-08) Soil Sampled: 11/04/15 15:35 Received: 11/05/15 10:18									
1,2-Dibromo-3-chloropropane	ND	10	µg/kg	1	CY07772	11/06/15	11/07/15	EPA 8260B	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		119 %		50-125	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		120 %		50-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		77 %		62-125	"	"	"	"	

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CALIFORNIA LABORATORY SERVICES

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Aqua Terra Environmental 213 Sawyer St. Auburn, CA 95603	Project: Justice Property Project Number: [none] Project Manager: Dave Honeycutt	CLS Work Order #: CYK0302 COC #: 160137
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Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch CY07788 - EPA 3050B									
Blank (CY07788-BLK1)									
				Prepared: 11/09/15 Analyzed: 11/10/15					
Lead	ND	1.3	mg/kg						
Arsenic	ND	0.10	"						
LCS (CY07788-BS1)									
				Prepared: 11/09/15 Analyzed: 11/10/15					
Lead	9.76	1.3	mg/kg	10.0		98			75-125
Arsenic	9.09	0.10	"	10.0		91			75-125
Matrix Spike (CY07788-MS1)									
				Source: CYK0302-01		Prepared: 11/09/15 Analyzed: 11/10/15			
Lead	16.8	13	mg/kg	10.0	5.44	114			75-125
Arsenic	9.35	1.0	"	10.0	0.491	89			75-125
Matrix Spike Dup (CY07788-MSD1)									
				Source: CYK0302-01		Prepared: 11/09/15 Analyzed: 11/10/15			
Lead	15.2	13	mg/kg	10.0	5.44	98	10	30	
Arsenic	9.80	1.0	"	10.0	0.491	93	5	30	

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Aqua Terra Environmental 213 Sawyer St. Auburn, CA 95603	Project: Justice Property Project Number: [none] Project Manager: Dave Honeycutt	CLS Work Order #: CYK0302 COC #: 160137
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Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CY07737 - LUFT-DHS GCNV

Blank (CY07737-BLK1)

Prepared: 11/05/15 Analyzed: 11/06/15

Aldrin	ND	1.0	µg/kg							
alpha-BHC	ND	2.0	"							
beta-BHC	ND	10	"							
delta-BHC	ND	10	"							
gamma-BHC (Lindane)	ND	10	"							
Chlordane-technical	ND	20	"							
4,4'-DDD	ND	7.5	"							
4,4'-DDE	ND	7.5	"							
4,4'-DDT	ND	7.5	"							
Dieldrin	ND	1.0	"							
Endosulfan I	ND	15	"							
Endosulfan II	ND	15	"							
Endosulfan sulfate	ND	15	"							
Endrin	ND	15	"							
Endrin aldehyde	ND	15	"							
Heptachlor	ND	5.0	"							
Heptachlor epoxide	ND	2.0	"							
Methoxychlor	ND	15	"							
Mirex	ND	3.0	"							
Toxaphene	ND	20	"							
<hr/>										
<i>Surrogate: Tetrachloro-meta-xylene</i>	6.58		"	8.33		79	46-139			
<i>Surrogate: Decachlorobiphenyl</i>	7.41		"	8.33		89	52-141			

LCS (CY07737-BS1)

Prepared: 11/05/15 Analyzed: 11/06/15

Aldrin	14.2	1.0	µg/kg	16.7		85	47-132			
gamma-BHC (Lindane)	14.0	10	"	16.7		84	56-133			
4,4'-DDT	14.5	7.5	"	16.7		87	46-137			
Dieldrin	15.0	1.0	"	16.7		90	44-143			
Endrin	16.1	15	"	16.7		97	30-147			
Heptachlor	14.0	5.0	"	16.7		84	33-148			
<hr/>										
<i>Surrogate: Tetrachloro-meta-xylene</i>	6.70		"	8.33		80	46-139			

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CALIFORNIA LABORATORY SERVICES

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Aqua Terra Environmental 213 Sawyer St. Auburn, CA 95603	Project: Justice Property Project Number: (none) Project Manager: Dave Honeycutt	CLS Work Order #: CYK0302 COC #: 160137
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Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CY07737 - LUFT-DHS GCNV

LCS (CY07737-BS1)

Prepared: 11/05/15 Analyzed: 11/06/15

Surrogate: Decachlorobiphenyl	7.64		µg/kg	8.33		92	52-141			
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LCS Dup (CY07737-BSD1)

Prepared: 11/05/15 Analyzed: 11/06/15

Aldrin	14.2	1.0	µg/kg	16.7		85	47-132	0.09	30	
gamma-BHC (Lindane)	13.9	10	"	16.7		83	56-133	0.8	30	
4,4'-DDT	14.8	7.5	"	16.7		89	46-137	2	30	
Dieldrin	15.2	1.0	"	16.7		91	44-143	0.8	30	
Endrin	16.2	15	"	16.7		97	30-147	0.06	30	
Heptachlor	13.9	5.0	"	16.7		83	33-148	1	30	
Surrogate: Tetrachloro-meta-xylene	6.24		"	8.33		75	46-139			
Surrogate: Decachlorobiphenyl	7.67		"	8.33		92	52-141			

Matrix Spike (CY07737-MS1)

Source: CYK0230-01

Prepared: 11/05/15 Analyzed: 11/06/15

QRL-8

Aldrin	15.1	20	µg/kg	16.7	ND	91	47-138			
gamma-BHC (Lindane)	15.9	200	"	16.7	ND	95	38-144			
4,4'-DDT	24.2	150	"	16.7	ND	145	41-157			
Dieldrin	16.5	20	"	16.7	ND	99	46-155			
Endrin	27.6	300	"	16.7	ND	165	34-149			QM-5
Heptachlor	12.3	100	"	16.7	ND	74	36-155			
Surrogate: Tetrachloro-meta-xylene	11.1		"	20.8		53	46-139			
Surrogate: Decachlorobiphenyl	11.3		"	20.8		54	52-141			

Matrix Spike Dup (CY07737-MSD1)

Source: CYK0230-01

Prepared: 11/05/15 Analyzed: 11/06/15

QRL-8

Aldrin	15.0	20	µg/kg	16.7	ND	90	47-138	0.9	35	
gamma-BHC (Lindane)	15.6	200	"	16.7	ND	93	38-144	2	35	
4,4'-DDT	26.0	150	"	16.7	ND	156	41-157	7	35	
Dieldrin	16.5	20	"	16.7	ND	99	46-155	0.1	35	
Endrin	27.3	300	"	16.7	ND	164	34-149	1	35	QM-5
Heptachlor	12.3	100	"	16.7	ND	74	36-155	0.4	35	
Surrogate: Tetrachloro-meta-xylene	10.7		"	20.8		52	46-139			
Surrogate: Decachlorobiphenyl	12.1		"	20.8		58	52-141			

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Aqua Terra Environmental
213 Sawyer St.
Auburn, CA 95603

Project: Justice Property
Project Number: [none]
Project Manager: Dave Honeycutt

CLS Work Order #: CYK0302
COC #: 160137

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CY07772 - EPA 5030 Soil MS

Blank (CY07772-BLK1)

Prepared & Analyzed: 11/06/15

Acetone	ND	100	µg/kg							
Benzene	ND	5.0	"							
Bromobenzene	ND	5.0	"							
Bromochloromethane	ND	5.0	"							
Bromodichloromethane	ND	5.0	"							
Bromoform	ND	5.0	"							
Bromomethane	ND	10	"							
2-Butanone	ND	100	"							
n-Butylbenzene	ND	5.0	"							
sec-Butylbenzene	ND	5.0	"							
tert-Butylbenzene	ND	5.0	"							
Carbon tetrachloride	ND	5.0	"							
Chlorobenzene	ND	5.0	"							
Chloroethane	ND	5.0	"							
Chloroform	ND	5.0	"							
Chloromethane	ND	10	"							
o-Chlorotoluene	ND	5.0	"							
p-Chlorotoluene	ND	5.0	"							
Dibromochloromethane	ND	5.0	"							
1,2-Dibromo-3-chloropropane	ND	10	"							
1,2-Dibromoethane (EDB)	ND	5.0	"							
Dibromomethane	ND	5.0	"							
1,2-Dichlorobenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	5.0	"							
1,4-Dichlorobenzene	ND	5.0	"							
Dichlorodifluoromethane (Freon 12)	ND	10	"							
1,1-Dichloroethane	ND	5.0	"							
1,2-Dichloroethane	ND	5.0	"							
1,1-Dichloroethene	ND	5.0	"							
cis-1,2-Dichloroethene	ND	5.0	"							
trans-1,2-Dichloroethene	ND	5.0	"							

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Aqua Terra Environmental 213 Sawyer St. Auburn, CA 95603	Project: Justice Property Project Number: [none] Project Manager: Dave Honeycutt	CLS Work Order #: CYK0302 COC #: 160137
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Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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Batch CY07772 - EPA 5030 Soil MS

Blank (CY07772-BLK1)

Prepared & Analyzed: 11/06/15

1,2-Dichloropropane	ND	5.0	µg/kg							
1,3-Dichloropropane	ND	5.0	"							
2,2-Dichloropropane	ND	5.0	"							
1,1-Dichloropropene	ND	5.0	"							
cis-1,3-Dichloropropene	ND	5.0	"							
trans-1,3-Dichloropropene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"							
Hexachlorobutadiene	ND	5.0	"							
2-Hexanone	ND	50	"							
Isopropylbenzene	ND	5.0	"							
p-Isopropyltoluene	ND	5.0	"							
Methylene chloride	ND	20	"							
4-Methyl-2-pentanone	ND	50	"							
Methyl tert-butyl ether	ND	5.0	"							
Naphthalene	ND	5.0	"							
n-Propylbenzene	ND	5.0	"							
Styrene	ND	5.0	"							
1,1,2,2-Tetrachloroethane	ND	5.0	"							
1,1,1,2-Tetrachloroethane	ND	5.0	"							
Tetrachloroethene	ND	5.0	"							
Toluene	ND	5.0	"							
1,2,3-Trichlorobenzene	ND	5.0	"							
1,2,4-Trichlorobenzene	ND	5.0	"							
1,1,2-Trichloroethane	ND	5.0	"							
1,1,1-Trichloroethane	ND	5.0	"							
Trichloroethene	ND	5.0	"							
Trichlorofluoroethane	ND	5.0	"							
1,2,3-Trichloropropane	ND	5.0	"							
1,3,5-Trimethylbenzene	ND	5.0	"							

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Aqua Terra Environmental 213 Sawyer St. Auburn, CA 95603	Project: Justice Property Project Number: [none] Project Manager: Dave Honeycutt	CLS Work Order #: CYK0302 COC #: 160137
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Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch CY07772 - EPA 5030 Soil MS									
Blank (CY07772-BLK1)					Prepared & Analyzed: 11/06/15				
1,2,4-Trimethylbenzene	ND	5.0	µg/kg						
Vinyl chloride	ND	10	"						
Xylenes (total)	ND	10	"						
Di-isopropyl ether	ND	5.0	"						
Ethyl tert-butyl ether	ND	5.0	"						
tert-Amyl methyl ether	ND	5.0	"						
tert-Butyl alcohol	ND	50	"						
<i>Surrogate: 1,2-Dichloroethane-d4</i>	28.7		"	30.0		96		50-125	
<i>Surrogate: Toluene-d8</i>	21.1		"	30.0		70		62-125	
<i>Surrogate: 4-Bromofluorobenzene</i>	36.0		"	30.0		130		50-128	
LCS (CY07772-BS1)					Prepared & Analyzed: 11/06/15				
Benzene	17.8	5.0	µg/kg	20.0		89		64-135	
Chlorobenzene	18.3	5.0	"	20.0		92		67-133	
1,1-Dichloroethene	16.5	5.0	"	20.0		82		53-137	
Toluene	18.2	5.0	"	20.0		91		61-138	
Trichloroethene	17.7	5.0	"	20.0		88		64-130	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	26.3		"	30.0		88		50-125	
<i>Surrogate: Toluene-d8</i>	30.2		"	30.0		101		62-125	
<i>Surrogate: 4-Bromofluorobenzene</i>	31.2		"	30.0		104		50-128	
LCS Dup (CY07772-BSD1)					Prepared & Analyzed: 11/06/15				
Benzene	18.1	5.0	µg/kg	20.0		90	2	30	
Chlorobenzene	18.5	5.0	"	20.0		92	0.6	30	
1,1-Dichloroethene	19.8	5.0	"	20.0		99	18	30	
Toluene	19.5	5.0	"	20.0		97	7	30	
Trichloroethene	18.6	5.0	"	20.0		93	5	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	30.4		"	30.0		101		50-125	
<i>Surrogate: Toluene-d8</i>	30.6		"	30.0		102		62-125	
<i>Surrogate: 4-Bromofluorobenzene</i>	31.2		"	30.0		104		50-128	

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Aqua Terra Environmental 213 Sawyer St. Auburn, CA 95603	Project: Justice Property Project Number: [none] Project Manager: Dave Honeycutt	CLS Work Order #: CYK0302 COC #: 160137
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Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CY07772 - EPA 5030 Soil MS

Matrix Spike (CY07772-MS1)	Source: CYK0283-01			Prepared: 11/06/15 Analyzed: 11/07/15						
Benzene	15.2	5.0	µg/kg	20.0	ND	76	58-139			
Chlorobenzene	15.6	5.0	"	20.0	ND	78	62-134			
1,1-Dichloroethene	22.4	5.0	"	20.0	ND	112	53-152			
Toluene	17.3	5.0	"	20.0	ND	87	58-139			
Trichloroethene	16.8	5.0	"	20.0	ND	84	55-138			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>43.6</i>	"	"	<i>30.0</i>		<i>152</i>	<i>50-125</i>			<i>QS-4</i>
<i>Surrogate: Toluene-d8</i>	<i>32.1</i>	"	"	<i>30.0</i>		<i>107</i>	<i>62-125</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>31.8</i>	"	"	<i>30.0</i>		<i>106</i>	<i>50-128</i>			

Matrix Spike Dup (CY07772-MSD1)	Source: CYK0283-01			Prepared: 11/06/15 Analyzed: 11/07/15						
Benzene	10.5	5.0	µg/kg	20.0	ND	52	58-139	37	30	QM-7
Chlorobenzene	11.3	5.0	"	20.0	ND	57	62-134	32	30	QM-7
1,1-Dichloroethene	14.6	5.0	"	20.0	ND	73	53-152	42	30	QR-1
Toluene	9.67	5.0	"	20.0	ND	48	58-139	57	30	QM-7
Trichloroethene	10.6	5.0	"	20.0	ND	53	55-138	46	30	QM-7
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>29.7</i>	"	"	<i>30.0</i>		<i>99</i>	<i>50-125</i>			
<i>Surrogate: Toluene-d8</i>	<i>20.8</i>	"	"	<i>30.0</i>		<i>69</i>	<i>62-125</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>30.1</i>	"	"	<i>30.0</i>		<i>100</i>	<i>50-128</i>			

CA DOHS ELAP Accreditation/Registration Number 1233

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CALIFORNIA LABORATORY SERVICES

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11/12/15 16:45

Aqua Terra Environmental
213 Sawyer St.
Auburn, CA 95603

Project: Justice Property
Project Number: [none]
Project Manager: Dave Honeycutt

CLS Work Order #: CYK0302
COC #: 160137

Notes and Definitions

- QS-4 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QRL-8 The extract of this sample was dark and/or oily. Therefore, the sample was analyzed with a dilution and the reporting limit was raised for all target compounds.
- QR-1 The RPD value for the sample duplicate or MS/MSD was outside of the QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery.
- QM-7 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
- QM-5 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- A-COM Run By ICP/MS (EPA Method 6020)
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

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SOIL SAMPLING SITE PLAN
JUSTICE PROPERTY - APN:045-071-064-000
LOOMIS, PLACER COUNTY, CA.
Aqua-Terra Environmental Consultants
Auburn, CA.

Soil Map—Placer County, California, Western Part

