
APPENDIX H



April 2, 2019

Project # 10-17049E

Mr. Sukhbir Brar
C/O Dave Cook
2351 Sunset Boulevard
Rocklin, CA 95746

Sent Via Email: dave@cookdevelopment.us

Subject: Limited Phase II Environmental Site Assessment
Proposed 35-acre Dry Creek Community Plan Residential Subdivision
Brady Lane and Vineyard Road
Roseville, California

Dear Mr. Brar,

In accordance with your authorization, ACE Quality Control (ACE) performed limited Phase II Environmental Site Assessment (ESA) services for the 35-acre subject site (APNs 473-020-002, 473-020-007, and portions of 473-020-001 and 473-020-009). Refer to Figure 1, Site Vicinity Map, for the approximate location of the site. Our work scope included review/research of documents, obtained field samples of uppermost soils, had a state approved analytical laboratory perform analytical tests on representative soil samples, and prepared this limited Phase II ESA letter report.

SCOPE

ACE's scope of work for the limited Phase II ESA consisted of:

1. Review of a "Phase 1 Environmental Site Assessment" (June 23, 2017) prepared by ACE Quality Control (ACE job 10-17049E);
2. Prepared a workplan (February 20, 2019) and submitted it to Placer County Environmental Health Department (PCEHD). The workplan was in substantial accordance with the California Department of Toxic Substances Control (DTSC) "Interim Guidance for Sampling Agricultural Properties" (August 7, 2008; third revision), and was accepted by PCEHD on March 5, 2019;
3. Collected representative surficial soil samples from the subject site in substantial accordance with the DTSC "Interim Guidance for Sampling Agricultural Properties" in order to evaluate the presence of DTSC Contaminants of Potential Concern (COPC) identified as metals of concern (arsenic and lead) and organochlorine pesticides (OCPs) for agricultural properties that are above relevant laboratory reporting limits in the on-site soil at selected locations beneath the subject site and also near to the subject site for off-site soil background levels; then,
4. Submitted the samples to a State Certified Analytical Laboratory to perform analytical tests on the representative samples for constituents of potential concern (COPCs); and,
5. Performed limited assessment and prepared this letter report.



PROJECT BACKGROUND INFORMATION

ACE Quality Control (ACE) prepared a Phase 1 Environmental Site Assessment (PESA) for the subject site (report dated June 23, 2017). ACE indicated the site historical usage was for agricultural purposes. Based on the past use of the target site, "...ACE's opinion that the subject site does not have any readily discernible REC's other than an unknown possibility of pesticide/herbicide contaminants in surficial soil resulting from historical agricultural usage. If historic agricultural activities on the subject site, which might have caused pesticide/herbicide contamination of surficial soils, is a concern to the buyer (considering that the site is planned to be mass graded and covered with structures, pavements and landscaping), then a limited Phase 2 assessment could be conducted of the subject site's surficial soils by collecting shallow soil samples and having them tested for pesticides/herbicides."

PCEHD required an assessment be conducted of the subject site per the DTSC "Interim Guidance for Sampling Agricultural Properties" (August 7, 2008; third revision).

SITE DESCRIPTION

At the times of ACE's field explorations on December 10, 2018 and March 13, 2019 the subject +/-35-acre site was located at the northwestern corner of the intersection between Vineyard Road and Brady Lane in Roseville, California. One single family home occupies a rectangular shaped property at 1940 Vineyard Road in the south – central area of the site. This parcel is not part of the subject site. Adjacent to the northeastern section of the subject site was a parcel occupied by Impact Church. The subject site was relatively open, gently rolling grass land with scattered trees. Two seasonal swales trended southwesterly and westerly to a tree lined, intermittent creek that trended southerly on the western side of the property.

EXPLORATORY SOIL SAMPLING

ACE performed sampling at 36 locations on the estimated undisturbed acreages that had apparently been historically farmed on the site (per aerial images) as well as one background sample. ACE's representative on December 10, 2018, twenty-seven (27) discreet grab soil samples (locations numbered 1 to 27) were obtained from about 0 to ½ feet below the existing ground surface. On March 13, 2019, samples were obtained from eight (8) locations (numbered 28 to 36), one background location (number 37), and re-sampled seven previously sampled locations (13, 16, and 19 to 23). The samples were sandy silt and silty sand soils. Approximate locations of the samples are shown on the attached Sample Location Map, Figure 2. The samples collected were submitted to a state certified analytical laboratory.

ACE obtained the grab samples from on-site surficial soils and one background sample from an area outside the limits of the historical agricultural usage area. The soil samples collected on December 10th were with an AMS split spoon tube sampler fitted with stainless steel sample tubes. The sampler was driven into the soil with a 10-pound hand actuated slide hammer. The stainless-steel tube containing the soil sample was capped with plastic end caps, labelled, placed in a plastic bag and immediately placed on ice in an insulated ice chest. Soil samples obtained on March 13th were obtained with a shovel. The soils collected were placed in laboratory provided sampling jars, capped and placed in an ice chest. Standard environmental QA/QC protocol was maintained throughout all the sampling activities. The soils were sampled, logged and classified by a staff geologist/technician. All samples placed in the insulated ice chests were transported under chain-of-custody protocol to a state certified analytical laboratory.



Each soil sample was taken of the earth material following standard environmental sampling protocols. Excavation and sampling equipment were cleaned using Alconox (or equivalent) detergent wash and potable water rinse prior to beginning the sampling. Non-dedicated sampling equipment was cleaned using an Alconox® (or equivalent) detergent wash and potable water rinse prior to subsequent sampling operations.

ANALYTICAL TEST RESULTS

All samples were submitted by ACE to SunStar Laboratories, Inc. of Lake Forest, California, a state-certified analytical laboratory (ELAP Certificate No.: 2250) under chain-of-custody protocol. The samples were analyzed by the analytical laboratory for COCPs by EPA methods 8081A and EPA 8151A (or equivalent) and arsenic and lead by US EPA 6010. The December 10th samples (sample locations numbered 1 to 27) were composited by the laboratory into seven specimens, then analyzed for COCPs and for metals. The eight samples (locations 28 to 36) collected on March 13th were composited into two specimens which were then analyzed for COCPs and all the samples discretely tested for metals. The results of the tests of the composited specimens from the December 10th locations (13, 16, 19 to 23) that had low levels of lead detected were re-sampled on March 13th. The background sample number 37 was only tested for metals by EPA 6010, and only lead was detected at a relatively high level of 60 mg/kg compared to the other sample test results. Sample 37 was obtained from northwestern corner of the site which was occupied by a homeless camp and the lead result is not considered representative of the background lead content.

SunStar Laboratories, Inc.’s test report (attached in Appendix B) indicated that **no pesticide/herbicide analytes were detected** at or above the reporting detection limits per EPA methods 8081A and 8151A, **no arsenic was detected**, and **lead** was only detected in about one-quarter of the samples obtained from the southern portion of the site. The following table summarizes the results of the laboratory tests for lead.

Sample Numbers (composite number) 12-10-18	1, 25, 26, 27 (No. 1)	2, 3, 4, 10 (No. 2)	5, 6, 11, 24 (No. 3)	7, 8, 9, 12 (No. 4)	20, 21, 22, 23 (No. 5)	13, 16, 19 (No. 6)	14, 15, 17, 18 (No. 7)
Lead mg/kg	ND	ND	ND	ND	8.3	7.9	ND

Sample Numbers 3-13-19	13	16	19	20	21	22	23	28	29	30	31	32	33	34	35	36	37
Lead mg/kg	ND	7.3	8.7	ND	ND	ND	7.3	7.6	ND	9.4	7.7	ND	6.0	ND	6.8	ND	60*

* Sample 37 lead result is not considered representative of the background lead content.

OPINION

Based on the attached analytical test results, and the [California Human Health Screening Levels \(CHHSLs\)](#) for residential land with threshold lead content limit of 80 mg/kg (OEHHA, 2009, Table 3), further assessment and/or mitigation of the subject site for potential contaminants that might have occurred in the on-site soils due to the former agricultural usage is not considered necessary.



Additional Services

If additional investigation and/or remediation should be deemed necessary, or if the site is intended for future development, then ACE can provide services for additional environmental studies/consultations, geotechnical investigations, geologic hazards, construction materials testing, construction plan reviews and scope and budget review services.

LIMITATIONS

ACE's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographic area during the same period. ACE makes no warranties, expressed or implied, regarding its services, findings, conclusions or recommendations. Please note that ACE does not warrant the work of laboratories, regulatory agencies or other third parties supplying information used in the preparation of the report. These LSI services will be performed in accordance with the scope of work agreed with you, our client, as set forth in this proposal and are not intended to be in strict conformance with ASTM E1903-11.

Findings and conclusions/opinions resulting from our services are based upon information derived from on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable, or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic substances, petroleum products, or other latent conditions beyond those identified for this work scope. Subsurface conditions may vary from those encountered at specific locations or during other surveys, tests, assessments, investigations or exploratory services; the data, interpretations, findings and our opinions/conclusions are based solely upon data obtained at the time and within the scope of these services.

This letter report was prepared in accordance with the accepted geo-environmental assessment standards of practice that existed in Northern California at the time this letter was written. It should be recognized that definition and evaluation of geologic and groundwater conditions is a difficult and inexact art. Judgments leading to conclusions and opinions are generally made with incomplete knowledge of subsurface conditions present. More extensive studies, including additional subsurface investigation, can tend to reduce the level of uncertainty associated with subsurface geology and contamination conditions, but that uncertainty can never be totally eliminated. Unexpected conditions might be encountered during construction. Therefore, we suggest a contingency fund for additional expenditures that might have to be made if contamination is discovered in order to remediate that contamination.

If you should have any questions or comments regarding this letter report, then please contact us.

Respectfully Submitted,
ACE Quality Control

Ed Hendrick, PE, GE, RG, CEG
Principal Geotechnical Engineer/Engineering Geologist
GE #002021 / CEG #1052



APPENDIX A

GRAPHIC PRESENTATIONS

FIGURE 1 VICINITY MAP

FIGURE 2 EXPLORATIONS MAP



NOTES:

Location of site is approximate. Source for base map: Imagery (7/14/2017) from Google Earth 2016®.



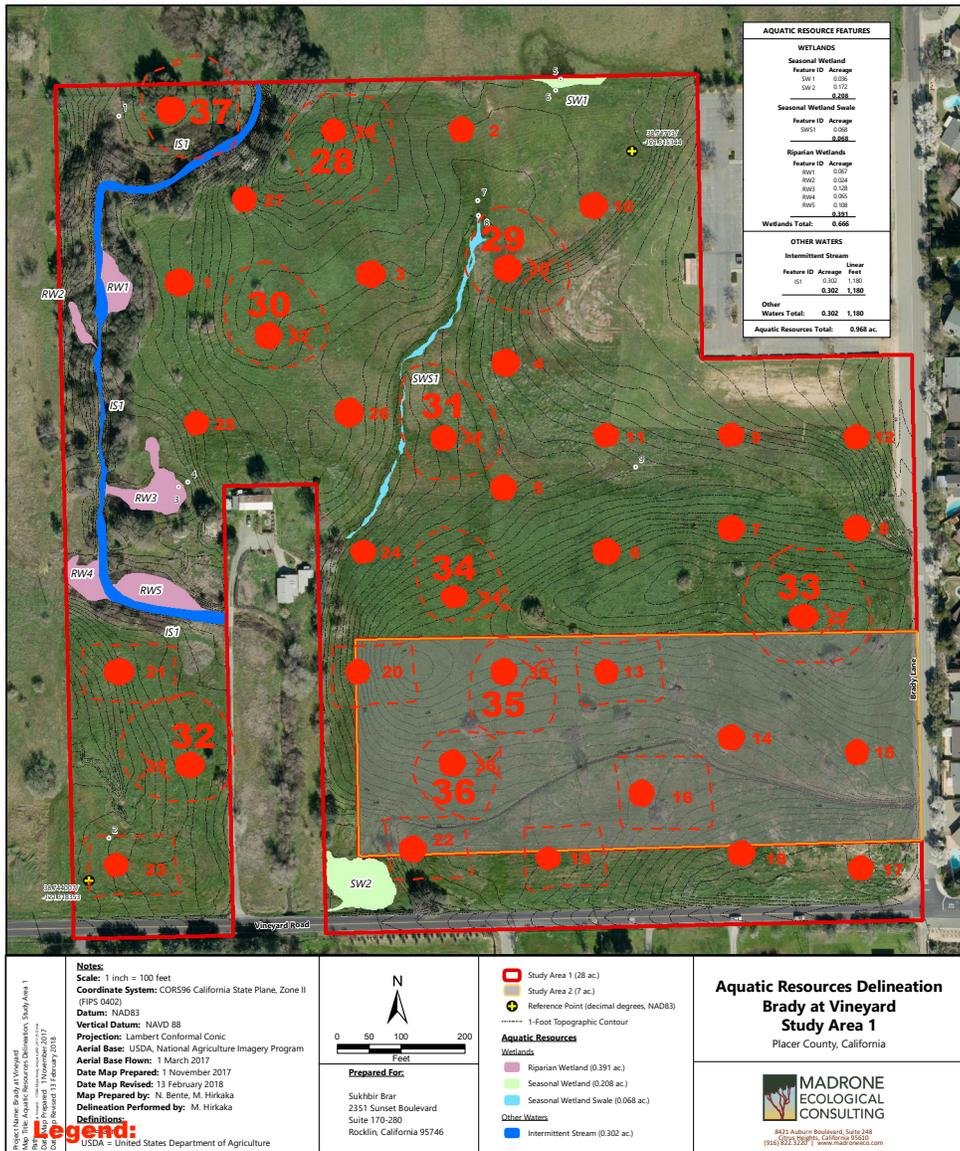
ACE Quality Control
 1830 Vernon Street, Suite 7
 Roseville, CA 95678
 Phone: 916-778-0950

VICINITY MAP
Limited Phase II Environmental Site Assessment
Brady Lane and Vineyard Road
Roseville, California

ACE JOB NO.
 10-18040E

DATE
 03/29/19

FIGURE
 1



● 21 Resample for discrete Pb & As ● 37 Background Pb & As
 ● 32 New composite Samples for all COCs and discrete Pb & As

NOTE:

Locations of soil samples (shown as ●) are approximate. Source for base map noted above. Samples numbered 1 to 27 obtained 12-10-2018 and 28 to 37 on 3-13-2019, as well as resampled locations 13, 16, and 19 to 23.

 <p>ACE Quality Control 1830 Vernon Street, Suite 7 Roseville, CA 95678 Phone: 916-778-0950</p>	<p>EXPLORATIONS MAP Limited Phase II Environmental Site Assessment Brady Lane and Vineyard Road Roseville, California</p>	<p>ACE JOB NO. 10-18040E</p>
		<p>DATE 3/29/2019</p>
		<p>FIGURE 2</p>

APPENDIX B

ANALYTICAL LABORATORY TEST RESULTS



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

28 December 2018

Ed Hendrick
ACE Quality Control
1830 Vernon Street, Suite 7
Roseville, CA 95678
RE: Brady & Vineyard Ln.

Enclosed are the results of analyses for samples received by the laboratory on 12/19/18 10:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Joann Marroquin
Client Services Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control
 1830 Vernon Street, Suite 7
 Roseville CA, 95678

Project: Brady & Vineyard Ln.
 Project Number: 10-17049E
 Project Manager: Ed Hendrick

Reported:
 12/28/18 12:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
COMPOSITE 1	T183764-28	Soil	12/18/18 00:00	12/19/18 10:00
COMPOSITE 2	T183764-29	Soil	12/18/18 00:00	12/19/18 10:00
COMPOSITE 3	T183764-30	Soil	12/18/18 00:00	12/19/18 10:00
COMPOSITE 4	T183764-31	Soil	12/18/18 00:00	12/19/18 10:00
COMPOSITE 5	T183764-32	Soil	12/18/18 00:00	12/19/18 10:00
COMPOSITE 6	T183764-33	Soil	12/18/18 00:00	12/19/18 10:00
COMPOSITE 7	T183764-34	Soil	12/18/18 00:00	12/19/18 10:00

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Joann Marroquin, Client Services Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady & Vineyard Ln. Project Number: 10-17049E Project Manager: Ed Hendrick	Reported: 12/28/18 12:53
---	--	-----------------------------

Sample ID: COMPOSITE 7

Laboratory ID: T183764-34

No Results Detected

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Joann Marroquin, Client Services Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady & Vineyard Ln.
Project Number: 10-17049E
Project Manager: Ed Hendrick

Reported:
12/28/18 12:53

COMPOSITE 1
T183764-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	8122036	12/20/18	12/27/18	EPA 6010b	
Lead	ND	3.0	"	"	"	"	"	"	

Organochlorine Pesticides by EPA Method 8081A

alpha-BHC	ND	5.0	ug/kg	1	8122034	12/20/18	12/26/18	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Tetrachloro-meta-xylene

85.0 % 35-140

" " " "

Surrogate: Decachlorobiphenyl

93.7 % 35-140

" " " "

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Joann Marroquin, Client Services Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady & Vineyard Ln.
Project Number: 10-17049E
Project Manager: Ed Hendrick

Reported:
12/28/18 12:53

COMPOSITE 1
T183764-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Chlorinated Herbicides by EPA Method 8151A

2,4,5-T	ND	5.00	ug/kg	1	8121945	12/19/18	12/22/18	8151	
2,4,5-TP (Silvex)	ND	5.00	"	"	"	"	"	"	
2,4-D	ND	5.00	"	"	"	"	"	"	
2,4-DB	ND	5.00	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	5.00	"	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	"	
Acifluorfen	ND	5.00	"	"	"	"	"	"	
Bentazon	ND	5.00	"	"	"	"	"	"	
Chloramben	ND	5.00	"	"	"	"	"	"	
Dalapon	ND	30.0	"	"	"	"	"	"	
DCPA diacid	ND	5.00	"	"	"	"	"	"	
Dicamba	ND	5.00	"	"	"	"	"	"	
Dichloroprop	ND	5.00	"	"	"	"	"	"	
Dinoseb	ND	5.00	"	"	"	"	"	"	
Pentachlorophenol	ND	5.00	"	"	"	"	"	"	
Picloram	ND	5.00	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		7.36 %		35-150	"	"	"	"	S-03

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Joann Marroquin, Client Services Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady & Vineyard Ln.
Project Number: 10-17049E
Project Manager: Ed Hendrick

Reported:
12/28/18 12:53

COMPOSITE 2
T183764-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	8122036	12/20/18	12/27/18	EPA 6010b	
Lead	ND	3.0	"	"	"	"	"	"	

Organochlorine Pesticides by EPA Method 8081A

alpha-BHC	ND	5.0	ug/kg	1	8122034	12/20/18	12/26/18	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Tetrachloro-meta-xylene	83.6 %	35-140	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl	94.2 %	35-140	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Joann Marroquin, Client Services Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady & Vineyard Ln. Project Number: 10-17049E Project Manager: Ed Hendrick	Reported: 12/28/18 12:53
---	--	-----------------------------

COMPOSITE 2
T183764-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Chlorinated Herbicides by EPA Method 8151A

2,4,5-T	ND	5.00	ug/kg	1	8121945	12/19/18	12/22/18	8151	
2,4,5-TP (Silvex)	ND	5.00	"	"	"	"	"	"	
2,4-D	ND	5.00	"	"	"	"	"	"	
2,4-DB	ND	5.00	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	5.00	"	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	"	
Acifluorfen	ND	5.00	"	"	"	"	"	"	
Bentazon	ND	5.00	"	"	"	"	"	"	
Chloramben	ND	5.00	"	"	"	"	"	"	
Dalapon	ND	30.0	"	"	"	"	"	"	
DCPA diacid	ND	5.00	"	"	"	"	"	"	
Dicamba	ND	5.00	"	"	"	"	"	"	
Dichloroprop	ND	5.00	"	"	"	"	"	"	
Dinoseb	ND	5.00	"	"	"	"	"	"	
Pentachlorophenol	ND	5.00	"	"	"	"	"	"	
Picloram	ND	5.00	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		10.4 %		35-150	"	"	"	"	S-03

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Joann Marroquin, Client Services Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady & Vineyard Ln.
Project Number: 10-17049E
Project Manager: Ed Hendrick

Reported:
12/28/18 12:53

COMPOSITE 3
T183764-30 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	8122036	12/20/18	12/27/18	EPA 6010b	
Lead	ND	3.0	"	"	"	"	"	"	

Organochlorine Pesticides by EPA Method 8081A

alpha-BHC	ND	5.0	ug/kg	1	8122034	12/20/18	12/26/18	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Tetrachloro-meta-xylene

89.4 % 35-140

"

"

"

"

Surrogate: Decachlorobiphenyl

98.3 % 35-140

"

"

"

"

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Joann Marroquin, Client Services Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady & Vineyard Ln.
Project Number: 10-17049E
Project Manager: Ed Hendrick

Reported:
12/28/18 12:53

COMPOSITE 3
T183764-30 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Chlorinated Herbicides by EPA Method 8151A

2,4,5-T	ND	5.00	ug/kg	1	8121945	12/19/18	12/22/18	8151	
2,4,5-TP (Silvex)	ND	5.00	"	"	"	"	"	"	
2,4-D	ND	5.00	"	"	"	"	"	"	
2,4-DB	ND	5.00	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	5.00	"	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	"	
Acifluorfen	ND	5.00	"	"	"	"	"	"	
Bentazon	ND	5.00	"	"	"	"	"	"	
Chloramben	ND	5.00	"	"	"	"	"	"	
Dalapon	ND	30.0	"	"	"	"	"	"	
DCPA diacid	ND	5.00	"	"	"	"	"	"	
Dicamba	ND	5.00	"	"	"	"	"	"	
Dichloroprop	ND	5.00	"	"	"	"	"	"	
Dinoseb	ND	5.00	"	"	"	"	"	"	
Pentachlorophenol	ND	5.00	"	"	"	"	"	"	
Picloram	ND	5.00	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		21.7 %		35-150	"	"	"	"	S-03

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Joann Marroquin, Client Services Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady & Vineyard Ln.
Project Number: 10-17049E
Project Manager: Ed Hendrick

Reported:
12/28/18 12:53

COMPOSITE 4
T183764-31 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	8122036	12/20/18	12/27/18	EPA 6010b	
Lead	ND	3.0	"	"	"	"	"	"	

Organochlorine Pesticides by EPA Method 8081A

alpha-BHC	ND	5.0	ug/kg	1	8122034	12/20/18	12/26/18	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Tetrachloro-meta-xylene	94.8 %	35-140	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl	105 %	35-140	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Joann Marroquin, Client Services Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady & Vineyard Ln. Project Number: 10-17049E Project Manager: Ed Hendrick	Reported: 12/28/18 12:53
---	--	-----------------------------

COMPOSITE 4
T183764-31 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Chlorinated Herbicides by EPA Method 8151A

2,4,5-T	ND	5.00	ug/kg	1	8121945	12/19/18	12/22/18	8151	
2,4,5-TP (Silvex)	ND	5.00	"	"	"	"	"	"	
2,4-D	ND	5.00	"	"	"	"	"	"	
2,4-DB	ND	5.00	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	5.00	"	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	"	
Acifluorfen	ND	5.00	"	"	"	"	"	"	
Bentazon	ND	5.00	"	"	"	"	"	"	
Chloramben	ND	5.00	"	"	"	"	"	"	
Dalapon	ND	30.0	"	"	"	"	"	"	
DCPA diacid	ND	5.00	"	"	"	"	"	"	
Dicamba	ND	5.00	"	"	"	"	"	"	
Dichloroprop	ND	5.00	"	"	"	"	"	"	
Dinoseb	ND	5.00	"	"	"	"	"	"	
Pentachlorophenol	ND	5.00	"	"	"	"	"	"	
Picloram	ND	5.00	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		73.7 %	35-150		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Joann Marroquin, Client Services Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady & Vineyard Ln.
Project Number: 10-17049E
Project Manager: Ed Hendrick

Reported:
12/28/18 12:53

COMPOSITE 5
T183764-32 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	8122036	12/20/18	12/27/18	EPA 6010b	
Lead	8.3	3.0	"	"	"	"	"	"	

Organochlorine Pesticides by EPA Method 8081A

alpha-BHC	ND	5.0	ug/kg	1	8122034	12/20/18	12/26/18	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Tetrachloro-meta-xylene	94.1 %	35-140	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl	103 %	35-140	"	"	"	"	"	"	

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Joann Marroquin, Client Services Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady & Vineyard Ln.
Project Number: 10-17049E
Project Manager: Ed Hendrick

Reported:
12/28/18 12:53

COMPOSITE 5
T183764-32 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Chlorinated Herbicides by EPA Method 8151A

2,4,5-T	ND	5.00	ug/kg	1	8121945	12/19/18	12/22/18	8151	
2,4,5-TP (Silvex)	ND	5.00	"	"	"	"	"	"	
2,4-D	ND	5.00	"	"	"	"	"	"	
2,4-DB	ND	5.00	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	5.00	"	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	"	
Acifluorfen	ND	5.00	"	"	"	"	"	"	
Bentazon	ND	5.00	"	"	"	"	"	"	
Chloramben	ND	5.00	"	"	"	"	"	"	
Dalapon	ND	30.0	"	"	"	"	"	"	
DCPA diacid	ND	5.00	"	"	"	"	"	"	
Dicamba	ND	5.00	"	"	"	"	"	"	
Dichloroprop	ND	5.00	"	"	"	"	"	"	
Dinoseb	ND	5.00	"	"	"	"	"	"	
Pentachlorophenol	ND	5.00	"	"	"	"	"	"	
Picloram	ND	5.00	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		84.0 %	35-150		"	"	"	"	

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Joann Marroquin, Client Services Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady & Vineyard Ln.
Project Number: 10-17049E
Project Manager: Ed Hendrick

Reported:
12/28/18 12:53

COMPOSITE 6
T183764-33 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	8122036	12/20/18	12/27/18	EPA 6010b	
Lead	7.9	3.0	"	"	"	"	"	"	

Organochlorine Pesticides by EPA Method 8081A

alpha-BHC	ND	5.0	ug/kg	1	8122034	12/20/18	12/26/18	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Tetrachloro-meta-xylene

93.2 % 35-140 " " " "

Surrogate: Decachlorobiphenyl

103 % 35-140 " " " "

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Joann Marroquin, Client Services Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady & Vineyard Ln. Project Number: 10-17049E Project Manager: Ed Hendrick	Reported: 12/28/18 12:53
---	--	-----------------------------

COMPOSITE 6
T183764-33 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Chlorinated Herbicides by EPA Method 8151A

2,4,5-T	ND	5.00	ug/kg	1	8121945	12/19/18	12/22/18	8151	
2,4,5-TP (Silvex)	ND	5.00	"	"	"	"	"	"	
2,4-D	ND	5.00	"	"	"	"	"	"	
2,4-DB	ND	5.00	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	5.00	"	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	"	
Acifluorfen	ND	5.00	"	"	"	"	"	"	
Bentazon	ND	5.00	"	"	"	"	"	"	
Chloramben	ND	5.00	"	"	"	"	"	"	
Dalapon	ND	30.0	"	"	"	"	"	"	
DCPA diacid	ND	5.00	"	"	"	"	"	"	
Dicamba	ND	5.00	"	"	"	"	"	"	
Dichloroprop	ND	5.00	"	"	"	"	"	"	
Dinoseb	ND	5.00	"	"	"	"	"	"	
Pentachlorophenol	ND	5.00	"	"	"	"	"	"	
Picloram	ND	5.00	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		98.4 %		35-150	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Joann Marroquin, Client Services Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady & Vineyard Ln.
Project Number: 10-17049E
Project Manager: Ed Hendrick

Reported:
12/28/18 12:53

COMPOSITE 7
T183764-34 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	8122036	12/20/18	12/27/18	EPA 6010b	
Lead	ND	3.0	"	"	"	"	"	"	

Organochlorine Pesticides by EPA Method 8081A

alpha-BHC	ND	5.0	ug/kg	1	8122034	12/20/18	12/26/18	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4'-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4'-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4'-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	5.0	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	20	"	"	"	"	"	"	

Surrogate: Tetrachloro-meta-xylene	88.3 %	35-140	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl	100 %	35-140	"	"	"	"	"	"	

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Joann Marroquin, Client Services Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady & Vineyard Ln.
Project Number: 10-17049E
Project Manager: Ed Hendrick

Reported:
12/28/18 12:53

COMPOSITE 7
T183764-34 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Chlorinated Herbicides by EPA Method 8151A

2,4,5-T	ND	5.00	ug/kg	1	8121945	12/19/18	12/22/18	8151	
2,4,5-TP (Silvex)	ND	5.00	"	"	"	"	"	"	
2,4-D	ND	5.00	"	"	"	"	"	"	
2,4-DB	ND	5.00	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	5.00	"	"	"	"	"	"	
4-Nitrophenol	ND	5.00	"	"	"	"	"	"	
Acifluorfen	ND	5.00	"	"	"	"	"	"	
Bentazon	ND	5.00	"	"	"	"	"	"	
Chloramben	ND	5.00	"	"	"	"	"	"	
Dalapon	ND	30.0	"	"	"	"	"	"	
DCPA diacid	ND	5.00	"	"	"	"	"	"	
Dicamba	ND	5.00	"	"	"	"	"	"	
Dichloroprop	ND	5.00	"	"	"	"	"	"	
Dinoseb	ND	5.00	"	"	"	"	"	"	
Pentachlorophenol	ND	5.00	"	"	"	"	"	"	
Picloram	ND	5.00	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		89.4 %	35-150		"	"	"	"	

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Joann Marroquin, Client Services Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady & Vineyard Ln.
Project Number: 10-17049E
Project Manager: Ed Hendrick

Reported:
12/28/18 12:53

Metals by EPA 6010B - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 8122036 - EPA 3050B

Blank (8122036-BLK1)

Prepared: 12/20/18 Analyzed: 12/27/18

Arsenic	ND	5.0	mg/kg							
Cadmium	ND	2.0	"							
Chromium	ND	2.0	"							
Lead	ND	3.0	"							
Nickel	ND	2.0	"							
Zinc	ND	1.0	"							

LCS (8122036-BS1)

Prepared: 12/20/18 Analyzed: 12/27/18

Arsenic	98.9	5.0	mg/kg	100		98.9	75-125			
Cadmium	100	2.0	"	100		100	75-125			
Chromium	102	2.0	"	100		102	75-125			
Lead	98.1	3.0	"	100		98.1	75-125			

Matrix Spike (8122036-MS1)

Source: T183772-01

Prepared: 12/20/18 Analyzed: 12/27/18

Arsenic	100	5.0	mg/kg	99.0	5.47	95.6	75-125			
Cadmium	96.6	2.0	"	99.0	1.58	95.9	75-125			
Chromium	131	2.0	"	99.0	26.9	105	75-125			
Lead	102	3.0	"	99.0	9.22	93.4	75-125			

Matrix Spike Dup (8122036-MSD1)

Source: T183772-01

Prepared: 12/20/18 Analyzed: 12/27/18

Arsenic	97.6	4.5	mg/kg	90.9	5.47	101	75-125	2.52	20	
Cadmium	95.0	1.8	"	90.9	1.58	103	75-125	1.61	20	
Chromium	128	1.8	"	90.9	26.9	111	75-125	2.21	20	
Lead	99.4	2.7	"	90.9	9.22	99.2	75-125	2.33	20	

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Joann Marroquin, Client Services Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control
 1830 Vernon Street, Suite 7
 Roseville CA, 95678

Project: Brady & Vineyard Ln.
 Project Number: 10-17049E
 Project Manager: Ed Hendrick

Reported:
 12/28/18 12:53

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 8122034 - EPA 3550 ECD/GCMS

Blank (8122034-BLK1)

Prepared: 12/20/18 Analyzed: 12/26/18

alpha-BHC	ND	5.0	ug/kg							
gamma-BHC (Lindane)	ND	5.0	"							
beta-BHC	ND	5.0	"							
delta-BHC	ND	5.0	"							
Heptachlor	ND	5.0	"							
Aldrin	ND	5.0	"							
Heptachlor epoxide	ND	5.0	"							
gamma-Chlordane	ND	5.0	"							
alpha-Chlordane	ND	5.0	"							
Endosulfan I	ND	5.0	"							
4,4'-DDE	ND	5.0	"							
Dieldrin	ND	5.0	"							
Endrin	ND	5.0	"							
4,4'-DDD	ND	5.0	"							
Endosulfan II	ND	5.0	"							
4,4'-DDT	ND	5.0	"							
Endrin aldehyde	ND	5.0	"							
Endosulfan sulfate	ND	5.0	"							
Methoxychlor	ND	5.0	"							
Endrin ketone	ND	5.0	"							
Toxaphene	ND	20	"							
<i>Surrogate: Tetrachloro-meta-xylene</i>	8.62		"	9.90		87.1	35-140			
<i>Surrogate: Decachlorobiphenyl</i>	9.62		"	9.90		97.2	35-140			

LCS (8122034-BS1)

Prepared: 12/20/18 Analyzed: 12/26/18

gamma-BHC (Lindane)	28.0	5.0	ug/kg	39.6		70.7	40-120			
Heptachlor	28.2	5.0	"	39.6		71.2	40-120			
Aldrin	27.4	5.0	"	39.6		69.3	40-120			
Dieldrin	28.6	5.0	"	39.6		72.1	40-120			
Endrin	30.2	5.0	"	39.6		76.3	40-120			
4,4'-DDT	28.9	5.0	"	39.6		73.1	33-147			
<i>Surrogate: Tetrachloro-meta-xylene</i>	7.60		"	9.90		76.8	35-140			
<i>Surrogate: Decachlorobiphenyl</i>	8.66		"	9.90		87.5	35-140			

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Joann Marroquin, Client Services Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady & Vineyard Ln. Project Number: 10-17049E Project Manager: Ed Hendrick	Reported: 12/28/18 12:53
---	--	-----------------------------

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 8122034 - EPA 3550 ECD/GCMS

LCS Dup (8122034-BSD1)

Prepared: 12/20/18 Analyzed: 12/26/18

gamma-BHC (Lindane)	32.7	5.0	ug/kg	39.6		82.5	40-120	15.4	30	
Heptachlor	33.0	5.0	"	39.6		83.4	40-120	15.8	30	
Aldrin	31.7	5.0	"	39.6		80.0	40-120	14.4	30	
Dieldrin	33.3	5.0	"	39.6		84.0	40-120	15.2	30	
Endrin	35.8	5.0	"	39.6		90.5	40-120	17.0	30	
4,4'-DDT	34.2	5.0	"	39.6		86.4	33-147	16.7	30	
Surrogate: Tetrachloro-meta-xylene	8.48		"	9.90		85.7	35-140			
Surrogate: Decachlorobiphenyl	9.80		"	9.90		99.0	35-140			

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Joann Marroquin, Client Services Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady & Vineyard Ln. Project Number: 10-17049E Project Manager: Ed Hendrick	Reported: 12/28/18 12:53
---	--	-----------------------------

Chlorinated Herbicides by EPA Method 8151A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 8121945 - 8151 Prep

Blank (8121945-BLK1)				Prepared: 12/19/18 Analyzed: 12/22/18						
2,4,5-T	ND	5.00	ug/kg							
2,4,5-TP (Silvex)	ND	5.00	"							
2,4-D	ND	5.00	"							
2,4-DB	ND	5.00	"							
3,5-Dichlorobenzoic acid	ND	5.00	"							
4-Nitrophenol	ND	5.00	"							
Acifluorfen	ND	5.00	"							
Bentazon	ND	5.00	"							
Chloramben	ND	5.00	"							
Dalapon	ND	30.0	"							
DCPA diacid	ND	5.00	"							
Dicamba	ND	5.00	"							
Dichloroprop	ND	5.00	"							
Dinoseb	ND	5.00	"							
Pentachlorophenol	ND	5.00	"							
Picloram	ND	5.00	"							
Surrogate: 2,4-DCAA	360		"	394		91.4	35-150			

LCS (8121945-BS1)				Prepared: 12/19/18 Analyzed: 12/22/18						
2,4,5-T	88.9	5.00	ug/kg	98.6		90.1	20-150			
2,4,5-TP (Silvex)	91.5	5.00	"	98.8		92.6	20-150			
2,4-D	85.4	5.00	"	98.8		86.4	20-150			
Surrogate: 2,4-DCAA	335		"	395		84.8	35-150			

LCS Dup (8121945-BSD1)				Prepared: 12/19/18 Analyzed: 12/21/18						
2,4,5-T	86.6	5.00	ug/kg	99.8		86.7	20-150	2.68	30	
2,4,5-TP (Silvex)	99.8	5.00	"	100		99.8	20-150	8.74	30	
2,4-D	87.6	5.00	"	100		87.6	20-150	2.63	30	
Surrogate: 2,4-DCAA	337		"	400		84.2	35-150			

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Joann Marroquin, Client Services Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady & Vineyard Ln.
Project Number: 10-17049E
Project Manager: Ed Hendrick

Reported:
12/28/18 12:53

Notes and Definitions

- S-03 The surrogate recovery was below acceptance criteria in the sample because of a possible matrix effect. The surrogate recovery was within acceptance criteria in the method blank and LCS.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Joann Marroquin, Client Services Manager

SunStar Laboratories, Inc.
 25712 Commerce Centre Dr
 Lake Forest, CA 92630
 949-297-5020

Chain of Custody Record

Client: AGE Quality Control
 Address: 1830 Vernon St. Suite 7 Roseville CA
 Phone: 916-742-5096 Office Fax: 916-300-6754
 Project Manager: Ed Hendrick

Date: 12-10-18 Page: 1 of 2
 Project Name: Beady & Vinyard Ln.
 Collector: Justin F Client Project #: 10-17047E
 Batch #: T183364 EDF #: _____

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals ^{leads arsenic}	8081A	8151A	Laboratory ID #	Comments/Preservative	Total # of containers		
23	12-10-18	11:15	Soil	Tube									X	X	X	01				
21	-	11:20											X	X	X	02				
22	-	11:30											X	X	X	03				
7a	-	11:40											X	X	X	04				
16	-	11:45											X	X	X	05				
13	-	11:50											X	X	X	06	+ #19 from pg. 2			
14	-	11:55											X	X	X	07	+ 17 & 18 next pg.			
15	-	12:00											X	X	X	08	+ 9 & 12 next pg.			
8	-	12:05											X	X	X	09				
7	-	12:16											X	X	X	10				
6	-	12:20											X	X	X	11				
5	-	12:25											X	X	X	12				
3	-	12:30											X	X	X	13	+ 11 next pg.			
24	-	12:30											X	X	X	14				
25	-	1:00											X	X	X	15	+ 1 & 27 next pg.			
Relinquished by: (signature)			Date / Time			Received by: (signature)			Date / Time			Total # of containers			Chain of Custody seals			Received good condition/cold		
Ed Hendrick			12-11-18			Ed Hendrick			12-11-18			DN/NA			DN/NA			4.3		
Relinquished by: (signature)			Date / Time			Received by: (signature)			Date / Time			Turn around time:			Notes					
Ed Hendrick			12-18-2018			Ed Hendrick			12-18-2018			std.			Composite specimens into groups noted (e.g., group 1 is 1, 2, 5, 26, & 27) (group 2 is 2, 3, 4 & 10); seven (7) composite samples to be tested					
Relinquished by: (signature)			Date / Time			Received by: (signature)			Date / Time			Sample disposal instructions:								
Ed Hendrick			12-19-18			Ed Hendrick			12-19-18			Disposal @ \$2.00 each								

groups of samples

1
2
3
4
5
6
7

ea. ext. pg.
1 ea. ext. pg.

Composite specimens into groups noted (e.g., group 1 is 1, 2, 5, 26, & 27) (group 2 is 2, 3, 4 & 10); seven (7) composite samples to be tested

SunStar Laboratories, Inc.
 25712 Commercentre Dr
 Lake Forest, CA 92630
 949-297-5020

Chain of Custody Record

10-17049E

Client: ACE Quality Control
 Address: 1830 Vernon St. Suit 7 Roseville CA.
 Phone: _____ Fax: _____
 Project Manager: Ed Handrick

Date: 12-10-18 Page: 2 of 2
 Project Name: Body 3 Vinyard Ln.
 Collector: Justin F. Client Project #: 10-17049E
 Batch #: T183764 EDF #: _____

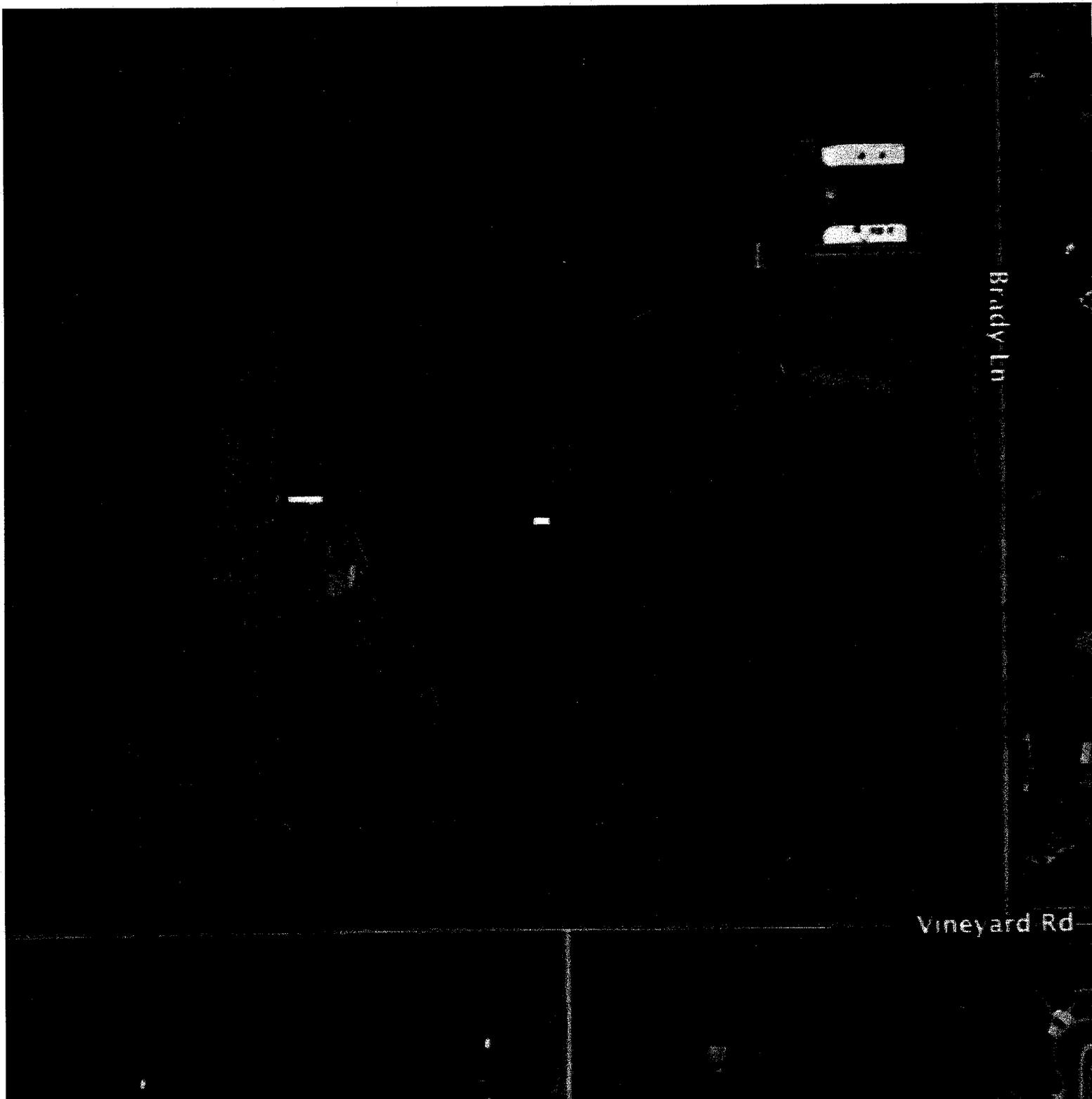
composite group number from pg. 1

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	8010/7000 Title 22 Metals <i>lead & arsenic</i>	80B1A	8151A	Laboratory ID #	Comments/Preservative	Total # of containers
1	12-10-18	1:16	Soil	8260												16		Notes composite into groups noted on both pages
27		1:26														17		
3		1:36														18		
2		1:40														19		
16		1:50														20		
4		2:00														21		
3		2:16														22		
11		2:20														23		
4		2:30														24		
12		2:40														25		
7		2:52														26		
18		2:00														27		
19	12-11-18	2:00														28		
Relinquished by: (signature) _____ Date / Time <u>12-11-18</u>			Received by: (signature) _____ Date / Time <u>12-10-18</u>			Chain of Custody seal? <u>SN/N/A</u>			Total # of containers <u>43</u>			Notes						
Relinquished by: (signature) _____ Date / Time _____			Received by: (signature) <u>Ed Handrick</u> Date / Time <u>12-10-18</u>			Received good condition/cold			Turn around time: _____									
Relinquished by: (signature) <u>Ed Handrick</u> Date / Time <u>12-18-18</u>			Received by: (signature) _____ Date / Time _____															

Sample disposal instructions: Disposal @ \$2.00 each
GSD 12-14-18 1000

Return to client: _____ / Pickup 12-19-18 1000

T183764



Brady Ln

Vineyard Rd



SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T183764
 Client Name: ACE Quality Control Project: Brady & Vineyard Ln.

Delivered by: Client SunStar Courier GSO FedEx Other

If Courier, Received by: _____ Date/Time Courier Received: _____
 Lab Received by: Dan Date/Time Lab Received: 12-18-18 10:00

Total number of coolers received: 1

Temperature:	Cooler #1	3.1	°C +/- the CF (1.2°C) =	4.3	°C corrected temperature
Temperature:	Cooler #2		°C +/- the CF (1.2°C) =		°C corrected temperature
Temperature:	Cooler #3		°C +/- the CF (1.2°C) =		°C corrected temperature

Temperature criteria = $\leq 6^{\circ}\text{C}$ (no frozen containers) Within criteria? Yes No

IF NO:
 Samples received on ice? Yes No → Complete Non-Conformance Sheet
 If on ice, samples received same day collected? Yes → Acceptable No → Complete Non-Conformance Sheet

- Custody seals intact on cooler/sample Yes No* N/A
- Sample containers intact Yes No*
- Sample labels match Chain of Custody IDs Yes No*
- Total number of containers received match COC Yes No*
- Proper containers received for analyses requested on COC Yes No*
- Proper preservative indicated on COC/containers for analyses requested Yes No* N/A
- Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times Yes No*

* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date: DM 12-19-18

Comments: _____

WORK ORDER

T183764

Client: ACE Quality Control
Project: Brady & Vineyard Ln.

Project Manager: Joann Marroquin
Project Number: 10-17049E

Report To:

ACE Quality Control
 Ed Hendrick
 1830 Vernon Street, Suite 7
 Roseville, CA 95678

Date Due: 12/28/18 17:00 (5 day TAT)

Received By: Dan Marteski

Date Received: 12/19/18 10:00

Logged In By: Dan Marteski

Date Logged In: 12/19/18 11:09

Samples Received at: **4.3°C**
 Custody Seals Yes Received On Ice Yes
 Containers Intact Yes
 COC/Labels Agree Yes
 Preservation Confir No

Analysis	Due	TAT	Expires	Comments
T183764-01 23 [Soil]	Sampled 12/10/18 11:15 (GMT-08:00)	Pacific Time (US & [NO ANALYSES]		
T183764-02 21 [Soil]	Sampled 12/10/18 11:20 (GMT-08:00)	Pacific Time (US & [NO ANALYSES]		
T183764-03 22 [Soil]	Sampled 12/10/18 11:30 (GMT-08:00)	Pacific Time (US & [NO ANALYSES]		
T183764-04 20 [Soil]	Sampled 12/10/18 11:35 (GMT-08:00)	Pacific Time (US & [NO ANALYSES]		
T183764-05 16 [Soil]	Sampled 12/10/18 11:40 (GMT-08:00)	Pacific Time (US & DID NOT RECEIVE SAMPLE		
T183764-06 13 [Soil]	Sampled 12/10/18 11:45 (GMT-08:00)	Pacific Time (US & [NO ANALYSES]		
T183764-07 14 [Soil]	Sampled 12/10/18 11:50 (GMT-08:00)	Pacific Time (US & [NO ANALYSES]		
T183764-08 15 [Soil]	Sampled 12/10/18 11:55 (GMT-08:00)	Pacific Time (US & [NO ANALYSES]		
T183764-09 8 [Soil]	Sampled 12/10/18 12:00 (GMT-08:00)	Pacific Time (US & [NO ANALYSES]		

WORK ORDER

T183764

Client: ACE Quality Control	Project Manager: Joann Marroquin
Project: Brady & Vineyard Ln.	Project Number: 10-17049E

Analysis	Due	TAT	Expires	Comments
T183764-10 7 [Soil] Sampled 12/10/18 12:05 (GMT-08:00) Pacific Time (US & [NO ANALYSES]				
T183764-11 6 [Soil] Sampled 12/10/18 12:10 (GMT-08:00) Pacific Time (US & [NO ANALYSES]				
T183764-12 5 [Soil] Sampled 12/10/18 12:20 (GMT-08:00) Pacific Time (US & [NO ANALYSES]				Was not received
T183764-13 24 [Soil] Sampled 12/10/18 12:25 (GMT-08:00) Pacific Time (US & [NO ANALYSES]				
T183764-14 26 [Soil] Sampled 12/10/18 12:30 (GMT-08:00) Pacific Time (US & [NO ANALYSES]				
T183764-15 25 [Soil] Sampled 12/10/18 13:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES]				
T183764-16 1 [Soil] Sampled 12/10/18 13:10 (GMT-08:00) Pacific Time (US & [NO ANALYSES]				
T183764-17 27 [Soil] Sampled 12/10/18 13:20 (GMT-08:00) Pacific Time (US & [NO ANALYSES]				
T183764-18 3 [Soil] Sampled 12/10/18 13:30 (GMT-08:00) Pacific Time (US & [NO ANALYSES]				
T183764-19 2 [Soil] Sampled 12/10/18 13:40 (GMT-08:00) Pacific Time (US & [NO ANALYSES]				
T183764-20 10 [Soil] Sampled 12/10/18 13:50 (GMT-08:00) Pacific Time (US & [NO ANALYSES]				
T183764-21 4 [Soil] Sampled 12/10/18 14:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES]				
T183764-22 11 [Soil] Sampled 12/10/18 14:10 (GMT-08:00) Pacific Time (US & [NO ANALYSES]				
T183764-23 9 [Soil] Sampled 12/10/18 14:20 (GMT-08:00) Pacific Time (US & [NO ANALYSES]				

WORK ORDER

T183764

Client: ACE Quality Control	Project Manager: Joann Marroquin
Project: Brady & Vineyard Ln.	Project Number: 10-17049E

Analysis	Due	TAT	Expires	Comments
T183764-24 12 [Soil] Sampled 12/10/18 14:30 (GMT-08:00) Pacific Time (US & [NO ANALYSES]				
T183764-25 17 [Soil] Sampled 12/10/18 14:40 (GMT-08:00) Pacific Time (US & [NO ANALYSES]				
T183764-26 18 [Soil] Sampled 12/10/18 14:50 (GMT-08:00) Pacific Time (US & [NO ANALYSES]				
T183764-27 19 [Soil] Sampled 12/11/18 14:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES]				
T183764-28 COMPOSITE 1 [Soil] Sampled 12/18/18 00:00 (GMT-08:00) Pacific COMPOSITE 4:1 (SAMPLES 14, 15, 16, 17) Time (US &				
6010 Individual Metals	12/28/18 15:00	5	06/16/19 00:00	As & Pb
8081 Pesticides	12/28/18 15:00	5	01/01/19 00:00	
8151 Herbicides	12/28/18 15:00	5	01/01/19 00:00	
T183764-29 COMPOSITE 2 [Soil] Sampled 12/18/18 00:00 (GMT-08:00) Pacific COMPOSITE 4:1 (SAMPLES 18, 19, 20, 21) Time (US &				
6010 Individual Metals	12/28/18 15:00	5	06/16/19 00:00	As & Pb
8081 Pesticides	12/28/18 15:00	5	01/01/19 00:00	
8151 Herbicides	12/28/18 15:00	5	01/01/19 00:00	
T183764-30 COMPOSITE 3 [Soil] Sampled 12/18/18 00:00 (GMT-08:00) Pacific COMPOSITE 4:1 (SAMPLES 11, 12, 13, 22) Time (US &				
6010 Individual Metals	12/28/18 15:00	5	06/16/19 00:00	As & Pb
8081 Pesticides	12/28/18 15:00	5	01/01/19 00:00	
8151 Herbicides	12/28/18 15:00	5	01/01/19 00:00	
T183764-31 COMPOSITE 4 [Soil] Sampled 12/18/18 00:00 (GMT-08:00) Pacific COMPOSITE 4:1 (SAMPLES 09, 10, 23, 24) Time (US &				
6010 Individual Metals	12/28/18 15:00	5	06/16/19 00:00	As & Pb
8081 Pesticides	12/28/18 15:00	5	01/01/19 00:00	
8151 Herbicides	12/28/18 15:00	5	01/01/19 00:00	
T183764-32 COMPOSITE 5 [Soil] Sampled 12/18/18 00:00 (GMT-08:00) Pacific COMPOSITE 4:1 (SAMPLES 01, 02, 03, 04) Time (US &				
6010 Individual Metals	12/28/18 15:00	5	06/16/19 00:00	As & Pb
8081 Pesticides	12/28/18 15:00	5	01/01/19 00:00	
8151 Herbicides	12/28/18 15:00	5	01/01/19 00:00	

WORK ORDER

T183764

Client: ACE Quality Control	Project Manager: Joann Marroquin
Project: Brady & Vineyard Ln.	Project Number: 10-17049E

Analysis	Due	TAT	Expires	Comments
T183764-33 COMPOSITE 6 [Soil] Sampled 12/18/18 00:00 (GMT-08:00) Pacific Time (US & COMPOSITE 4:1 (SAMPLES 05, 06, 27)-DID NOT RECEIVE SAMPLE 05				
6010 Individual Metals	12/28/18 15:00	5	06/16/19 00:00	As & Pb
8081 Pesticides	12/28/18 15:00	5	01/01/19 00:00	
8151 Herbicides	12/28/18 15:00	5	01/01/19 00:00	
T183764-34 COMPOSITE 7 [Soil] Sampled 12/18/18 00:00 (GMT-08:00) Pacific Time (US & COMPOSITE 4:1 (SAMPLES 07, 08, 25, 26)				
6010 Individual Metals	12/28/18 15:00	5	06/16/19 00:00	As & Pb
8081 Pesticides	12/28/18 15:00	5	01/01/19 00:00	
8151 Herbicides	12/28/18 15:00	5	01/01/19 00:00	



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

22 March 2019

Dillon Stemberger
ACE Quality Control
1830 Vernon Street, Suite 7
Roseville, CA 95678
RE: Brady - Vineyard Subdivision

Enclosed are the results of analyses for samples received by the laboratory on 03/15/19 09:21. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeff Lee
Project Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady - Vineyard Subdivision
Project Number: 10-17049E
Project Manager: Dillon Stemberger

Reported:
03/22/19 17:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
28	T190643-01	Soil	03/13/19 13:25	03/15/19 09:21
29	T190643-02	Soil	03/13/19 13:15	03/15/19 09:21
30	T190643-03	Soil	03/13/19 13:40	03/15/19 09:21
31	T190643-04	Soil	03/13/19 13:50	03/15/19 09:21
32	T190643-05	Soil	03/13/19 15:30	03/15/19 09:21
33	T190643-06	Soil	03/13/19 15:10	03/15/19 09:21
34	T190643-07	Soil	03/13/19 14:00	03/15/19 09:21
35	T190643-08	Soil	03/13/19 15:05	03/15/19 09:21
36	T190643-09	Soil	03/13/19 14:25	03/15/19 09:21
37	T190643-10	Soil	03/13/19 13:30	03/15/19 09:21
13	T190643-11	Soil	03/13/19 15:10	03/15/19 09:21
16	T190643-12	Soil	03/13/19 15:00	03/15/19 09:21
19	T190643-13	Soil	03/13/19 14:45	03/15/19 09:21
20	T190643-14	Soil	03/13/19 14:15	03/15/19 09:21
21	T190643-15	Soil	03/13/19 15:35	03/15/19 09:21
22	T190643-16	Soil	03/13/19 14:35	03/15/19 09:21
23	T190643-17	Soil	03/13/19 15:30	03/15/19 09:21
COMP: 28, 29, 30, 31	T190643-18	Soil	03/13/19 00:00	03/15/19 09:21
COMP: 33, 34, 35, 36	T190643-19	Soil	03/13/19 00:00	03/15/19 09:21

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady - Vineyard Subdivision
Project Number: 10-17049E
Project Manager: Dillon Stemberger

Reported:
03/22/19 17:05

DETECTIONS SUMMARY

Sample ID: 28 **Laboratory ID:** T190643-01

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Lead	7.6	3.0		mg/kg	EPA 6010b	

Sample ID: 29 **Laboratory ID:** T190643-02

No Results Detected

Sample ID: 30 **Laboratory ID:** T190643-03

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Lead	9.4	3.0		mg/kg	EPA 6010b	

Sample ID: 31 **Laboratory ID:** T190643-04

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Lead	7.7	3.0		mg/kg	EPA 6010b	

Sample ID: 32 **Laboratory ID:** T190643-05

No Results Detected

Sample ID: 33 **Laboratory ID:** T190643-06

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Lead	6.0	3.0		mg/kg	EPA 6010b	

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady - Vineyard Subdivision
Project Number: 10-17049E
Project Manager: Dillon Stemberger

Reported:
03/22/19 17:05

Sample ID: 34

Laboratory ID: T190643-07

No Results Detected

Sample ID: 35

Laboratory ID: T190643-08

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Lead	6.8	3.0		mg/kg	EPA 6010b	

Sample ID: 36

Laboratory ID: T190643-09

No Results Detected

Sample ID: 37

Laboratory ID: T190643-10

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Lead	60	3.0		mg/kg	EPA 6010b	

Sample ID: 13

Laboratory ID: T190643-11

No Results Detected

Sample ID: 16

Laboratory ID: T190643-12

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Lead	7.3	3.0		mg/kg	EPA 6010b	

Sample ID: 19

Laboratory ID: T190643-13

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Lead	8.7	3.0		mg/kg	EPA 6010b	

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady - Vineyard Subdivision
Project Number: 10-17049E
Project Manager: Dillon Stemberger

Reported:
03/22/19 17:05

Sample ID: 20

Laboratory ID: T190643-14

No Results Detected

Sample ID: 21

Laboratory ID: T190643-15

No Results Detected

Sample ID: 22

Laboratory ID: T190643-16

No Results Detected

Sample ID: 23

Laboratory ID: T190643-17

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Lead	7.3	3.0		mg/kg	EPA 6010b	

Sample ID: COMP: 28, 29, 30, 31

Laboratory ID: T190643-18

No Results Detected

Sample ID: COMP: 33, 34, 35, 36

Laboratory ID: T190643-19

No Results Detected

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady - Vineyard Subdivision
Project Number: 10-17049E
Project Manager: Dillon Stemberger

Reported:
03/22/19 17:05

28

T190643-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	9031808	03/18/19	03/20/19	EPA 6010b	
Lead	7.6	3.0	"	"	"	"	"	"	"

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady - Vineyard Subdivision
Project Number: 10-17049E
Project Manager: Dillon Stemberger

Reported:
03/22/19 17:05

29

T190643-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	9031808	03/18/19	03/20/19	EPA 6010b	
Lead	ND	3.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady - Vineyard Subdivision Project Number: 10-17049E Project Manager: Dillon Stemberger	Reported: 03/22/19 17:05
---	--	-----------------------------

30
T190643-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	9031808	03/18/19	03/20/19	EPA 6010b	
Lead	9.4	3.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady - Vineyard Subdivision Project Number: 10-17049E Project Manager: Dillon Stemberger	Reported: 03/22/19 17:05
---	--	------------------------------------

31
T190643-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	9031808	03/18/19	03/20/19	EPA 6010b	
Lead	7.7	3.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

ACE Quality Control
 1830 Vernon Street, Suite 7
 Roseville CA, 95678

Project: Brady - Vineyard Subdivision
 Project Number: 10-17049E
 Project Manager: Dillon Stemberger

Reported:
 03/22/19 17:05

32

T190643-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	9031808	03/18/19	03/20/19	EPA 6010b	
Lead	ND	3.0	"	"	"	"	"	"	

Organochlorine Pesticides by EPA Method 8081A

alpha-BHC	ND	0.0050	mg/kg	1	9031530	03/15/19	03/22/19	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0050	"	"	"	"	"	"	
beta-BHC	ND	0.0050	"	"	"	"	"	"	
delta-BHC	ND	0.0050	"	"	"	"	"	"	
Heptachlor	ND	0.0050	"	"	"	"	"	"	
Aldrin	ND	0.0050	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0050	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0050	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0050	"	"	"	"	"	"	
Endosulfan I	ND	0.0050	"	"	"	"	"	"	
4,4'-DDE	ND	0.0050	"	"	"	"	"	"	
Dieldrin	ND	0.0050	"	"	"	"	"	"	
Endrin	ND	0.0050	"	"	"	"	"	"	
4,4'-DDD	ND	0.0050	"	"	"	"	"	"	
Endosulfan II	ND	0.0050	"	"	"	"	"	"	
4,4'-DDT	ND	0.0050	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0050	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0050	"	"	"	"	"	"	
Methoxychlor	ND	0.0050	"	"	"	"	"	"	
Endrin ketone	ND	0.0050	"	"	"	"	"	"	
Toxaphene	ND	0.020	"	"	"	"	"	"	

Surrogate: Tetrachloro-meta-xylene

109 % 35-140

"

"

"

"

Surrogate: Decachlorobiphenyl

113 % 35-140

"

"

"

"

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady - Vineyard Subdivision
Project Number: 10-17049E
Project Manager: Dillon Stemberger

Reported:
03/22/19 17:05

32

T190643-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Chlorinated Herbicides by EPA Method 8151A

2,4,5-T	ND	0.00500	mg/kg	1	9031529	03/15/19	03/22/19	8151	
2,4,5-TP (Silvex)	ND	0.00500	"	"	"	"	"	"	
2,4-D	ND	0.00500	"	"	"	"	"	"	
2,4-DB	ND	0.00500	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	0.00500	"	"	"	"	"	"	
4-Nitrophenol	ND	0.00500	"	"	"	"	"	"	
Acifluorfen	ND	0.00500	"	"	"	"	"	"	
Bentazon	ND	0.00500	"	"	"	"	"	"	
Chloramben	ND	0.00500	"	"	"	"	"	"	
Dalapon	ND	0.0300	"	"	"	"	"	"	
DCPA diacid	ND	0.00500	"	"	"	"	"	"	
Dicamba	ND	0.00500	"	"	"	"	"	"	
Dichloroprop	ND	0.00500	"	"	"	"	"	"	
Dinoseb	ND	0.00500	"	"	"	"	"	"	
Pentachlorophenol	ND	0.00500	"	"	"	"	"	"	
Picloram	ND	0.00500	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		79.6 %	35-150		"	"	"	"	

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady - Vineyard Subdivision Project Number: 10-17049E Project Manager: Dillon Stemberger	Reported: 03/22/19 17:05
---	--	-----------------------------

33
T190643-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	9031808	03/18/19	03/20/19	EPA 6010b	
Lead	6.0	3.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady - Vineyard Subdivision Project Number: 10-17049E Project Manager: Dillon Stemberger	Reported: 03/22/19 17:05
---	--	-----------------------------

34
T190643-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	9031808	03/18/19	03/20/19	EPA 6010b	
Lead	ND	3.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady - Vineyard Subdivision
Project Number: 10-17049E
Project Manager: Dillon Stemberger

Reported:
03/22/19 17:05

35

T190643-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	9031808	03/18/19	03/20/19	EPA 6010b	
Lead	6.8	3.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady - Vineyard Subdivision Project Number: 10-17049E Project Manager: Dillon Stemberger	Reported: 03/22/19 17:05
---	--	-----------------------------

36
T190643-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	9031808	03/18/19	03/20/19	EPA 6010b	
Lead	ND	3.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady - Vineyard Subdivision Project Number: 10-17049E Project Manager: Dillon Stemberger	Reported: 03/22/19 17:05
---	--	-----------------------------

37

T190643-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	9031808	03/18/19	03/20/19	EPA 6010b	
Lead	60	3.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady - Vineyard Subdivision Project Number: 10-17049E Project Manager: Dillon Stemberger	Reported: 03/22/19 17:05
---	--	-----------------------------

13
T190643-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	9031808	03/18/19	03/20/19	EPA 6010b	
Lead	ND	3.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady - Vineyard Subdivision Project Number: 10-17049E Project Manager: Dillon Stemberger	Reported: 03/22/19 17:05
---	--	-----------------------------

16
T190643-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	9031808	03/18/19	03/20/19	EPA 6010b	
Lead	7.3	3.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady - Vineyard Subdivision Project Number: 10-17049E Project Manager: Dillon Stemberger	Reported: 03/22/19 17:05
---	--	-----------------------------

19
T190643-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	9031808	03/18/19	03/20/19	EPA 6010b	
Lead	8.7	3.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady - Vineyard Subdivision Project Number: 10-17049E Project Manager: Dillon Stemberger	Reported: 03/22/19 17:05
---	--	-----------------------------

20
T190643-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	9031808	03/18/19	03/20/19	EPA 6010b	
Lead	ND	3.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady - Vineyard Subdivision Project Number: 10-17049E Project Manager: Dillon Stemberger	Reported: 03/22/19 17:05
---	--	-----------------------------

21
T190643-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	9031808	03/18/19	03/20/19	EPA 6010b	
Lead	ND	3.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady - Vineyard Subdivision Project Number: 10-17049E Project Manager: Dillon Stemberger	Reported: 03/22/19 17:05
---	--	-----------------------------

22

T190643-16 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	9031808	03/18/19	03/20/19	EPA 6010b	
Lead	ND	3.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady - Vineyard Subdivision Project Number: 10-17049E Project Manager: Dillon Stemberger	Reported: 03/22/19 17:05
---	--	-----------------------------

23
T190643-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6010B

Arsenic	ND	5.0	mg/kg	1	9031808	03/18/19	03/20/19	EPA 6010b	
Lead	7.3	3.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady - Vineyard Subdivision Project Number: 10-17049E Project Manager: Dillon Stemberger	Reported: 03/22/19 17:05
---	--	-----------------------------

COMP: 28, 29, 30, 31
T190643-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

alpha-BHC	ND	0.0050	mg/kg	1	9031530	03/15/19	03/22/19	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0050	"	"	"	"	"	"	
beta-BHC	ND	0.0050	"	"	"	"	"	"	
delta-BHC	ND	0.0050	"	"	"	"	"	"	
Heptachlor	ND	0.0050	"	"	"	"	"	"	
Aldrin	ND	0.0050	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0050	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0050	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0050	"	"	"	"	"	"	
Endosulfan I	ND	0.0050	"	"	"	"	"	"	
4,4'-DDE	ND	0.0050	"	"	"	"	"	"	
Dieldrin	ND	0.0050	"	"	"	"	"	"	
Endrin	ND	0.0050	"	"	"	"	"	"	
4,4'-DDD	ND	0.0050	"	"	"	"	"	"	
Endosulfan II	ND	0.0050	"	"	"	"	"	"	
4,4'-DDT	ND	0.0050	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0050	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0050	"	"	"	"	"	"	
Methoxychlor	ND	0.0050	"	"	"	"	"	"	
Endrin ketone	ND	0.0050	"	"	"	"	"	"	
Toxaphene	ND	0.020	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		114 %	35-140		"	"	"	"	
Surrogate: Decachlorobiphenyl		109 %	35-140		"	"	"	"	

Chlorinated Herbicides by EPA Method 8151A

2,4,5-T	ND	0.00500	mg/kg	1	9031529	03/15/19	03/22/19	8151	
2,4,5-TP (Silvex)	ND	0.00500	"	"	"	"	"	"	
2,4-D	ND	0.00500	"	"	"	"	"	"	
2,4-DB	ND	0.00500	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	0.00500	"	"	"	"	"	"	
4-Nitrophenol	ND	0.00500	"	"	"	"	"	"	
Acifluorfen	ND	0.00500	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady - Vineyard Subdivision
Project Number: 10-17049E
Project Manager: Dillon Stemberger

Reported:
03/22/19 17:05

COMP: 28, 29, 30, 31
T190643-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Chlorinated Herbicides by EPA Method 8151A

Bentazon	ND	0.00500	mg/kg	1	9031529	03/15/19	03/22/19	8151	
Chloramben	ND	0.00500	"	"	"	"	"	"	
Dalapon	ND	0.0300	"	"	"	"	"	"	
DCPA diacid	ND	0.00500	"	"	"	"	"	"	
Dicamba	ND	0.00500	"	"	"	"	"	"	
Dichloroprop	ND	0.00500	"	"	"	"	"	"	
Dinoseb	ND	0.00500	"	"	"	"	"	"	
Pentachlorophenol	ND	0.00500	"	"	"	"	"	"	
Picloram	ND	0.00500	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		76.6 %		35-150	"	"	"	"	

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady - Vineyard Subdivision
Project Number: 10-17049E
Project Manager: Dillon Stemberger

Reported:
03/22/19 17:05

COMP: 33, 34, 35, 36
T190643-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

alpha-BHC	ND	0.0050	mg/kg	1	9031530	03/15/19	03/22/19	EPA 8081A	
gamma-BHC (Lindane)	ND	0.0050	"	"	"	"	"	"	
beta-BHC	ND	0.0050	"	"	"	"	"	"	
delta-BHC	ND	0.0050	"	"	"	"	"	"	
Heptachlor	ND	0.0050	"	"	"	"	"	"	
Aldrin	ND	0.0050	"	"	"	"	"	"	
Heptachlor epoxide	ND	0.0050	"	"	"	"	"	"	
gamma-Chlordane	ND	0.0050	"	"	"	"	"	"	
alpha-Chlordane	ND	0.0050	"	"	"	"	"	"	
Endosulfan I	ND	0.0050	"	"	"	"	"	"	
4,4'-DDE	ND	0.0050	"	"	"	"	"	"	
Dieldrin	ND	0.0050	"	"	"	"	"	"	
Endrin	ND	0.0050	"	"	"	"	"	"	
4,4'-DDD	ND	0.0050	"	"	"	"	"	"	
Endosulfan II	ND	0.0050	"	"	"	"	"	"	
4,4'-DDT	ND	0.0050	"	"	"	"	"	"	
Endrin aldehyde	ND	0.0050	"	"	"	"	"	"	
Endosulfan sulfate	ND	0.0050	"	"	"	"	"	"	
Methoxychlor	ND	0.0050	"	"	"	"	"	"	
Endrin ketone	ND	0.0050	"	"	"	"	"	"	
Toxaphene	ND	0.020	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		111 %	35-140		"	"	"	"	
Surrogate: Decachlorobiphenyl		115 %	35-140		"	"	"	"	

Chlorinated Herbicides by EPA Method 8151A

2,4,5-T	ND	0.00500	mg/kg	1	9031529	03/15/19	03/22/19	8151	
2,4,5-TP (Silvex)	ND	0.00500	"	"	"	"	"	"	
2,4-D	ND	0.00500	"	"	"	"	"	"	
2,4-DB	ND	0.00500	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	0.00500	"	"	"	"	"	"	
4-Nitrophenol	ND	0.00500	"	"	"	"	"	"	
Acifluorfen	ND	0.00500	"	"	"	"	"	"	

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady - Vineyard Subdivision
Project Number: 10-17049E
Project Manager: Dillon Stemberger

Reported:
03/22/19 17:05

COMP: 33, 34, 35, 36
T190643-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Chlorinated Herbicides by EPA Method 8151A

Bentazon	ND	0.00500	mg/kg	1	9031529	03/15/19	03/22/19	8151	
Chloramben	ND	0.00500	"	"	"	"	"	"	
Dalapon	ND	0.0300	"	"	"	"	"	"	
DCPA diacid	ND	0.00500	"	"	"	"	"	"	
Dicamba	ND	0.00500	"	"	"	"	"	"	
Dichloroprop	ND	0.00500	"	"	"	"	"	"	
Dinoseb	ND	0.00500	"	"	"	"	"	"	
Pentachlorophenol	ND	0.00500	"	"	"	"	"	"	
Picloram	ND	0.00500	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		75.8 %		35-150	"	"	"	"	

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady - Vineyard Subdivision
Project Number: 10-17049E
Project Manager: Dillon Stemberger

Reported:
03/22/19 17:05

Metals by EPA 6010B - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9031808 - EPA 3050B										
Blank (9031808-BLK1)										
Prepared: 03/18/19 Analyzed: 03/20/19										
Arsenic	ND	5.0	mg/kg							
Lead	ND	3.0	"							
LCS (9031808-BS1)										
Prepared: 03/18/19 Analyzed: 03/20/19										
Arsenic	117	5.0	mg/kg	100		117	75-125			
Lead	117	3.0	"	100		117	75-125			
Matrix Spike (9031808-MS1)										
Source: T190655-01										
Prepared: 03/18/19 Analyzed: 03/20/19										
Arsenic	111	5.0	mg/kg	96.2	6.05	109	75-125			
Lead	119	3.0	"	96.2	14.7	108	75-125			
Matrix Spike Dup (9031808-MSD1)										
Source: T190655-01										
Prepared: 03/18/19 Analyzed: 03/20/19										
Arsenic	124	5.0	mg/kg	96.2	6.05	123	75-125	11.2	20	
Lead	110	3.0	"	96.2	14.7	98.8	75-125	7.74	20	

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

ACE Quality Control 1830 Vernon Street, Suite 7 Roseville CA, 95678	Project: Brady - Vineyard Subdivision Project Number: 10-17049E Project Manager: Dillon Stemberger	Reported: 03/22/19 17:05
---	--	-----------------------------

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 9031530 - EPA 3550m/8141

Blank (9031530-BLK1)

Prepared: 03/15/19 Analyzed: 03/22/19

alpha-BHC	ND	0.0050	mg/kg							
gamma-BHC (Lindane)	ND	0.0050	"							
beta-BHC	ND	0.0050	"							
delta-BHC	ND	0.0050	"							
Heptachlor	ND	0.0050	"							
Aldrin	ND	0.0050	"							
Heptachlor epoxide	ND	0.0050	"							
gamma-Chlordane	ND	0.0050	"							
alpha-Chlordane	ND	0.0050	"							
Endosulfan I	ND	0.0050	"							
4,4'-DDE	ND	0.0050	"							
Dieldrin	ND	0.0050	"							
Endrin	ND	0.0050	"							
4,4'-DDD	ND	0.0050	"							
Endosulfan II	ND	0.0050	"							
4,4'-DDT	ND	0.0050	"							
Endrin aldehyde	ND	0.0050	"							
Endosulfan sulfate	ND	0.0050	"							
Methoxychlor	ND	0.0050	"							
Endrin ketone	ND	0.0050	"							
Toxaphene	ND	0.020	"							

Surrogate: Tetrachloro-meta-xylene

0.0116

"

0.0101

115 35-140

Surrogate: Decachlorobiphenyl

0.0126

"

0.0101

125 35-140

LCS (9031530-BS1)

Prepared: 03/15/19 Analyzed: 03/22/19

gamma-BHC (Lindane)	0.0312	0.0050	mg/kg	0.0408		76.4	40-120			
Heptachlor	0.0328	0.0050	"	0.0408		80.5	40-120			
Aldrin	0.0297	0.0050	"	0.0408		72.8	40-120			
Dieldrin	0.0319	0.0050	"	0.0408		78.2	40-120			
Endrin	0.0330	0.0050	"	0.0408		80.8	40-120			
4,4'-DDT	0.0328	0.0050	"	0.0408		80.4	33-147			

Surrogate: Tetrachloro-meta-xylene

0.0113

"

0.0102

110 35-140

Surrogate: Decachlorobiphenyl

0.0119

"

0.0102

117 35-140

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady - Vineyard Subdivision
Project Number: 10-17049E
Project Manager: Dillon Stemberger

Reported:
03/22/19 17:05

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 9031530 - EPA 3550m/8141

Matrix Spike (9031530-MS1)

Source: T190643-05

Prepared: 03/15/19 Analyzed: 03/21/19

gamma-BHC (Lindane)	0.0312	0.0050	mg/kg	0.0408	ND	76.4	30-120			
Heptachlor	0.0328	0.0050	"	0.0408	ND	80.3	30-120			
Aldrin	0.0293	0.0050	"	0.0408	ND	71.7	30-120			
Dieldrin	0.0320	0.0050	"	0.0408	ND	78.3	30-120			
Endrin	0.0343	0.0050	"	0.0408	ND	84.1	30-120			
4,4'-DDT	0.0395	0.0050	"	0.0408	ND	96.8	30-120			
Surrogate: Tetrachloro-meta-xylene	0.0107		"	0.0102		105	35-140			
Surrogate: Decachlorobiphenyl	0.0110		"	0.0102		108	35-140			

Matrix Spike Dup (9031530-MSD1)

Source: T190643-05

Prepared: 03/15/19 Analyzed: 03/21/19

gamma-BHC (Lindane)	0.0291	0.0050	mg/kg	0.0396	ND	73.6	30-120	3.75	30	
Heptachlor	0.0313	0.0050	"	0.0396	ND	79.0	30-120	1.65	30	
Aldrin	0.0278	0.0050	"	0.0396	ND	70.3	30-120	1.92	30	
Dieldrin	0.0307	0.0050	"	0.0396	ND	77.5	30-120	1.01	30	
Endrin	0.0323	0.0050	"	0.0396	ND	81.6	30-120	3.03	30	
4,4'-DDT	0.0380	0.0050	"	0.0396	ND	95.9	30-120	0.940	30	
Surrogate: Tetrachloro-meta-xylene	0.0104		"	0.00990		105	35-140			
Surrogate: Decachlorobiphenyl	0.0110		"	0.00990		111	35-140			

SunStar Laboratories, Inc.



Jeff Lee, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady - Vineyard Subdivision
Project Number: 10-17049E
Project Manager: Dillon Stemberger

Reported:
03/22/19 17:05

Chlorinated Herbicides by EPA Method 8151A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 9031529 - 8151 Prep

Blank (9031529-BLK1)

Prepared: 03/15/19 Analyzed: 03/21/19

2,4,5-T	ND	0.00500	mg/kg							
2,4,5-TP (Silvex)	ND	0.00500	"							
2,4-D	ND	0.00500	"							
2,4-DB	ND	0.00500	"							
3,5-Dichlorobenzoic acid	ND	0.00500	"							
4-Nitrophenol	ND	0.00500	"							
Acifluorfen	ND	0.00500	"							
Bentazon	ND	0.00500	"							
Chloramben	ND	0.00500	"							
Dalapon	ND	0.0300	"							
DCPA diacid	ND	0.00500	"							
Dicamba	ND	0.00500	"							
Dichloroprop	ND	0.00500	"							
Dinoseb	ND	0.00500	"							
Pentachlorophenol	ND	0.00500	"							
Picloram	ND	0.00500	"							

Surrogate: 2,4-DCAA 0.279 " 0.400 69.8 35-150

LCS (9031529-BS1)

Prepared: 03/15/19 Analyzed: 03/21/19

2,4,5-T	0.0974	0.00500	mg/kg	0.0984	99.0	20-150				
2,4,5-TP (Silvex)	0.104	0.00500	"	0.0986	106	20-150				
2,4-D	0.0943	0.00500	"	0.0986	95.6	20-150				

Surrogate: 2,4-DCAA 0.289 " 0.394 73.4 35-150

LCS Dup (9031529-BSD1)

Prepared: 03/15/19 Analyzed: 03/21/19

2,4,5-T	0.0804	0.00500	mg/kg	0.0994	80.9	20-150	19.1	30		
2,4,5-TP (Silvex)	0.0854	0.00500	"	0.0996	85.8	20-150	19.7	30		
2,4-D	0.0788	0.00500	"	0.0996	79.2	20-150	17.8	30		

Surrogate: 2,4-DCAA 0.282 " 0.398 70.7 35-150

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

ACE Quality Control
1830 Vernon Street, Suite 7
Roseville CA, 95678

Project: Brady - Vineyard Subdivision
Project Number: 10-17049E
Project Manager: Dillon Stemberger

Reported:
03/22/19 17:05

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

Chain of Custody Record

SunStar Laboratories, Inc.
 25712 Commercentre Dr
 Lake Forest, CA 92630
 949-297-5020

Client: ACE Quality Control
 Address: 1830 Vernon St, Ste. 7, Roseville, CA 95678
 Phone: 916-742-5096 Fax: _____
 Project Manager: Dillon Stemberger

Date: March 13, 2019 Page: 1 Of 2
 Project Name: Brady Vineyard Subdivision
 Collector: Dillon Stemberger Client Project #: 10-17049E
 Batch #: 710643 EDF #: _____

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals Pb & As	Laboratory ID #	Comments/Preservative	Total # of containers
28	3/13/19	1:25	Soil											41		
29		1:40												42	Composite	
30		1:50												43		
31		3:30												44	Composite	
32		3:40												45		
33		3:10												46	Composite	
34		3:00												47		
35		3:05												48	Composite	
36		2:25												49		
37		1:30												10	Composite	
13		3:10												11		
16		3:48												12	Composite	
19		2:45												13		
20		2:15												14	Composite	
21		3:35												15		
Relinquished by: (signature) <u>[Signature]</u> Date / Time <u>3-11-19 1008</u>			Received by: (signature) <u>[Signature]</u> Date / Time <u>3/14/19 1005</u>			Chain of Custody seals <u>Y/N/A</u>			Total # of containers			Notes				
Relinquished by: (signature) _____ Date / Time _____			Received by: (signature) _____ Date / Time _____			Seals intact? <u>Y/N/A</u>			Received good condition/cold			Pb & As on all samples Composite samples 28-31, 33-36 for BOBIA & B151A				
Relinquished by: (signature) _____ Date / Time _____			Received by: (signature) _____ Date / Time _____			Turn around time: <u>STD</u>			Sample disposal instructions: _____ Disposal @ \$2.00 each _____			Return to client _____ Pickup _____				

COC 132060

WORK ORDER

T190643

Client: ACE Quality Control
Project: Brady - Vineyard Subdivision

Project Manager: Jeff Lee
Project Number: 10-17049E

Report To:

ACE Quality Control
 Dillon Stemberger
 1830 Vernon Street, Suite 7
 Roseville, CA 95678

Date Due: 03/22/19 17:00 (5 day TAT)

Received By: Sunny Lounethone

Date Received: 03/15/19 09:21

Logged In By: Sunny Lounethone

Date Logged In: 03/15/19 10:15

Samples Received at: **3.5°C**
 Custody Seals Yes Received On Ice Yes
 Containers Intact Yes
 COC/Labels Agree Yes
 Preservation Confir No

Analysis	Due	TAT	Expires	Comments
T190643-01 28 [Soil] Sampled 03/13/19 13:25 (GMT-08:00) Pacific Time (US & 6010 Individual Metals	03/22/19 15:00	5	09/09/19 13:25	As, Pb only
T190643-02 29 [Soil] Sampled 03/13/19 13:15 (GMT-08:00) Pacific Time (US & 6010 Individual Metals	03/22/19 15:00	5	09/09/19 13:15	As, Pb only
T190643-03 30 [Soil] Sampled 03/13/19 13:40 (GMT-08:00) Pacific Time (US & 6010 Individual Metals	03/22/19 15:00	5	09/09/19 13:40	As, Pb only
T190643-04 31 [Soil] Sampled 03/13/19 13:50 (GMT-08:00) Pacific Time (US & 6010 Individual Metals	03/22/19 15:00	5	09/09/19 13:50	As, Pb only
T190643-05 32 [Soil] Sampled 03/13/19 15:30 (GMT-08:00) Pacific Time (US & 6010 Individual Metals	03/22/19 15:00	5	09/09/19 15:30	As, Pb only
8081 Pesticides	03/22/19 15:00	5	03/27/19 15:30	
8151 Herbicides	03/22/19 15:00	5	03/27/19 15:30	
T190643-06 33 [Soil] Sampled 03/13/19 15:10 (GMT-08:00) Pacific Time (US & 6010 Individual Metals	03/22/19 15:00	5	09/09/19 15:10	As, Pb only
T190643-07 34 [Soil] Sampled 03/13/19 14:00 (GMT-08:00) Pacific Time (US & 6010 Individual Metals	03/22/19 15:00	5	09/09/19 14:00	As, Pb only
T190643-08 35 [Soil] Sampled 03/13/19 15:05 (GMT-08:00) Pacific Time (US & 6010 Individual Metals	03/22/19 15:00	5	09/09/19 15:05	As, Pb only

WORK ORDER

T190643

Client: ACE Quality Control	Project Manager: Jeff Lee
Project: Brady - Vineyard Subdivision	Project Number: 10-17049E

Analysis	Due	TAT	Expires	Comments
T190643-09 36 [Soil] Sampled 03/13/19 14:25 (GMT-08:00) Pacific Time (US & 6010 Individual Metals	03/22/19 15:00	5	09/09/19 14:25	As, Pb only
T190643-10 37 [Soil] Sampled 03/13/19 13:30 (GMT-08:00) Pacific Time (US & 6010 Individual Metals	03/22/19 15:00	5	09/09/19 13:30	As, Pb only
T190643-11 13 [Soil] Sampled 03/13/19 15:10 (GMT-08:00) Pacific Time (US & 6010 Individual Metals	03/22/19 15:00	5	09/09/19 15:10	As, Pb only
T190643-12 16 [Soil] Sampled 03/13/19 15:00 (GMT-08:00) Pacific Time (US & 6010 Individual Metals	03/22/19 15:00	5	09/09/19 15:00	As, Pb only
T190643-13 19 [Soil] Sampled 03/13/19 14:45 (GMT-08:00) Pacific Time (US & 6010 Individual Metals	03/22/19 15:00	5	09/09/19 14:45	As, Pb only
T190643-14 20 [Soil] Sampled 03/13/19 14:15 (GMT-08:00) Pacific Time (US & 6010 Individual Metals	03/22/19 15:00	5	09/09/19 14:15	As, Pb only
T190643-15 21 [Soil] Sampled 03/13/19 15:35 (GMT-08:00) Pacific Time (US & 6010 Individual Metals	03/22/19 15:00	5	09/09/19 15:35	As, Pb only
T190643-16 22 [Soil] Sampled 03/13/19 14:35 (GMT-08:00) Pacific Time (US & 6010 Individual Metals	03/22/19 15:00	5	09/09/19 14:35	As, Pb only
T190643-17 23 [Soil] Sampled 03/13/19 15:30 (GMT-08:00) Pacific Time (US & 6010 Individual Metals	03/22/19 15:00	5	09/09/19 15:30	As, Pb only
T190643-18 COMP: 28, 29, 30, 31 [Soil] Sampled 03/13/19 00:00 (GMT-08:00) COMPOSITE 4:1 Pacific Time (US &				
8081 Pesticides	03/22/19 15:00	5	03/27/19 00:00	
8151 Herbicides	03/22/19 15:00	5	03/27/19 00:00	
T190643-19 COMP: 33, 34, 35, 36 [Soil] Sampled 03/13/19 00:00 (GMT-08:00) COMPOSITE 4:1 Pacific Time (US &				
8081 Pesticides	03/22/19 15:00	5	03/27/19 00:00	
8151 Herbicides	03/22/19 15:00	5	03/27/19 00:00	