

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

August 7, 2015

ELAP Certificate No: 2268

Mr. Keith Thompson
Pinnacle Env. Technologies
2 Santa Maria
Foothill Ranch, CA 92610

Project: Crenshaw High School
C&E ID: 150727B

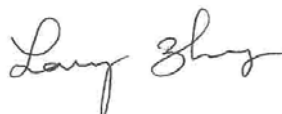
Dear Mr. Thompson,

Enclosed is an analytical report for the sample(s) received by Chemical & Environmental Laboratories, Inc. on July 27, 2015 and analyzed as indicated in the attached chain-of-custody.

Unless otherwise noted, no problems were encountered during receiving, preparation and analysis of these samples.

Please contact me at (562) 926-8091 if you have any questions regarding this report.

Sincerely,

A handwritten signature in cursive script, appearing to read "Larry Zhang".

Larry Zhang, Ph.D.
Laboratory Director

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 8081A (Pesticides) ---

Client Name: Pinnacle Env. Technologies
 Project Manager: Keith Thompson
 Project Name: Crenshaw High School
 Sample Matrix: Soil

Date Sampled: 07/27/15
 Date Extracted: 07/29/15
 Date Analyzed: 07/29/15
 Date Reported: 08/03/15

C&E LAB ID	150727B-7	150727B-61	150727B-67	150727B-73	150727B-79
SAMPLE ID	PB-2-6"	PB-45-6"	PB-46-6"	PB-44-6"	PB-39-6"
DF	1	1	1	1	1

Unit Reported: mg/kg or ppm

COMPOUND	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aldrin	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
α -BHC	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
β -BHC	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
γ -BHC	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
δ -BHC	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
α -Chlordane	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
δ -Chlordane	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Total Chlordane	ND	0.005	ND	0.005	ND	0.005	ND	0.005	ND	0.005
4,4'-DDD	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
4,4'-DDE	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
4,4'-DDT	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Dieldrin	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endosulfan I	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endosulfan II	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endosulfan Sulfate	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endrin	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endrin Aldehyde	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endrin Ketone	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Heptachlor	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Heptachlor Epoxide	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Methoxychlor	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Toxaphene	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020

Surrogate Compounds	% Surrogate Recovery (40-150)				
2,4,5,6-tetrachloro-m-xylene	105	103	103	99	105
decachlorobiphenyl	75	70	68	53	69

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

MI = Matrix Interference; unquantifiable due to coeluting organics in sample.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 8081A (Pesticides) ---

Client Name: Pinnacle Env. Technologies
 Project Manager: Keith Thompson
 Project Name: Crenshaw High School
 Sample Matrix: Soil

Date Sampled: 07/27/15
 Date Extracted: 07/29/15
 Date Analyzed: 07/29/15
 Date Reported: 08/03/15

C&E LAB ID	150727B-85	150727B-103	150727B-115		
SAMPLE ID	PB-36-6"	PB-41-6"	PB-33-6"		
DF	1	1	1		

Unit Reported: mg/kg or ppm

COMPOUND	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aldrin	ND	0.001	ND	0.001	ND	0.001				
α -BHC	ND	0.001	ND	0.001	ND	0.001				
β -BHC	ND	0.001	ND	0.001	ND	0.001				
γ -BHC	ND	0.001	ND	0.001	ND	0.001				
δ -BHC	ND	0.001	ND	0.001	ND	0.001				
α -Chlordane	0.005	0.001	ND	0.001	0.005	0.001				
δ -Chlordane	0.003	0.001	ND	0.001	0.004	0.001				
Total Chlordane	0.011	0.005	ND	0.005	0.026	0.005				
4,4'-DDD	ND	0.001	ND	0.001	ND	0.001				
4,4'-DDE	ND	0.001	ND	0.001	ND	0.001				
4,4'-DDT	ND	0.001	ND	0.001	ND	0.001				
Dieldrin	ND	0.001	ND	0.001	0.002	0.001				
Endosulfan I	ND	0.001	ND	0.001	ND	0.001				
Endosulfan II	ND	0.001	ND	0.001	ND	0.001				
Endosulfan Sulfate	ND	0.001	ND	0.001	ND	0.001				
Endrin	ND	0.001	ND	0.001	ND	0.001				
Endrin Aldehyde	ND	0.001	ND	0.001	ND	0.001				
Endrin Ketone	ND	0.001	ND	0.001	ND	0.001				
Heptachlor	ND	0.001	ND	0.001	ND	0.001				
Heptachlor Epoxide	ND	0.001	ND	0.001	ND	0.001				
Methoxychlor	ND	0.001	ND	0.001	ND	0.001				
Toxaphene	ND	0.020	ND	0.020	ND	0.020				
Methoxychlor										

Surrogate Compounds	% Surrogate Recovery (40-150)				
2,4,5,6-tetrachloro-m-xylene	110	106	114		
decachlorobiphenyl	73	73	74		

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

MI = Matrix Interference; unquantifiable due to coeluting organics in sample.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 6010B (Arsenic) ---

Client Name: Pinnacle Env. Technologies
Project Manager: Keith Thompson
Project Name: Crenshaw High School
Sample Matrix: Soil

Date Sampled: 07/27/15
Date Analyzed: 07/29/15
Date Reported: 07/30/15
Unit Reported: mg/kg or ppm

C&E LAB ID	SAMPLE ID	DF	RESULT	RL
150727B-1	PB-1-6"	1	15	1
150727B-7	PB-2-6"	1	16	1
150727B-13	PB-6-6"	1	6	1
150727B-19	PB-9-6"	1	ND	1
150727B-25	PB-14-6"	1	23	1
150727B-31	PB-19-6"	1	19	1
150727B-37	PB-26-6"	1	26	1
150727B-43	PB-31-6"	1	34	1
150727B-49	PB-34-6"	1	29	1
150727B-55	PB-42-6"	1	27	1
150727B-61	PB-45-6"	1	ND	1
150727B-67	PB-46-6"	1	2	1
150727B-73	PB-44-6"	1	3	1
150727B-79	PB-39-6"	1	3	1
150727B-91	PB-35-6"	1	1	1
150727B-97	PB-38-6"	1	ND	1
150727B-109	PB-43-6"	1	4	1

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 6010B (Arsenic) ---

Client Name: Pinnacle Env. Technologies

Project Manager: Keith Thompson

Project Name: Crenshaw High School

Sample Matrix: Soil

Date Sampled: 07/27/15

Date Analyzed: 07/31/15

Date Reported: 08/03/15

Unit Reported: mg/kg or ppm

[illegible]

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 6010B (Arsenic) ---

Client Name: Pinnacle Env. Technologies

Project Manager: Keith Thompson

Project Name: Crenshaw High School

Sample Matrix: Soil

Date Sampled: 07/27/15

Date Analyzed: 08/03/15

Date Reported: 08/03/15

Unit Reported: mg/kg or ppm

[illegible]

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 6010B (Lead) ---

Client Name: Pinnacle Env. Technologies
Project Manager: Keith Thompson
Project Name: Crenshaw High School
Sample Matrix: Soil

Date Sampled: 07/27/15
Date Analyzed: 07/29/15
Date Reported: 07/30/15
Unit Reported: mg/kg or ppm

[illegible]

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 6010B (Lead) ---

Client Name: Pinnacle Env. Technologies
Project Manager: Keith Thompson
Project Name: Crenshaw High School
Sample Matrix: Soil

Date Sampled: 07/27/15
Date Analyzed: 08/06/15
Date Reported: 08/06/15
Unit Reported: mg/kg or ppm

[illegible]

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 8081A (Pesticides) ---

I. Laboratory Control Sample

Date Extracted: 07/29/15

Date Analyzed: 07/29/15

LCS ID: PEST150729LC

ANALYTE	LCS %	ACP %CL
gamma-BHC	124	75-125
Aldrin	123	75-125
4,4'-DDT	117	75-125
Dieldrin	120	75-125

II. Matrix Spike/Matrix Spike Duplicate

Date Extracted: 07/29/15

Date Analyzed: 07/29/15

QC Batch: PEST150729MS

ANALYTE	MS %	MSD %	RPD	ACP%CL	ACP RPD
gamma-BHC	124	125	1	70-130	30
Aldrin	123	116	6	70-130	30
4,4'-DDT	118	129	9	70-130	30

III. Method Blank

Date Extracted: 07/29/15

Date Analyzed: 07/29/15

COMPOUNDN	REPORTING LIMIT	RESULT
Aldrin	0.0010	ND
α-BHC	0.0010	ND
β-BHC	0.0010	ND
γ-BHC	0.0010	ND
δ-BHC	0.0010	ND
Chlordane	0.0010	ND
4,4'-DDD	0.0010	ND
4,4'-DDE	0.0010	ND
4,4'-DDT	0.0010	ND
Dieldrin	0.0010	ND

Unit: Mg/kg

COMPOUNDN	REPORTING LIMIT	RESULT
Endosulfan I	0.0010	ND
Endosulfan II	0.0010	ND
Endosulfan Sulfate	0.0010	ND
Endrin	0.0000	ND
Endrin Aldehyde	0.0010	ND
Endrin Ketone	0.0010	ND
Heptachlor	0.0010	ND
Heptachlor Epoxide	0.0010	ND
Methoxychlor	0.0010	ND
Toxaphene	0.0200	ND

Surrogate Compounds	% Surr. Rec. (40-150)
2,4,5,6-tetrachloro-m-xylene	109
decachlorobiphenyl	83

ND = Not detected at the indicated reporting limit.

V-2 = Out-of-Range recovery was due to sample Heterogeneity.

M=Matrix interference

NR=Not Reported

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 6010B (Arsenic in Soil) ---

I. Laboratory Control Sample

Date Analyzed: 07/29/15

LCS ID: As150729LC

ANALYTE	LCS %	ACP %CL
Arsenic	93	70-130

II. Matrix Spike/Matrix Spike Duplicate

Date Analyzed: 07/29/15

QC Batch : As150729MS

ANALYTE	MS %	MSD %	RPD	ACP%CL	ACP RPD
Arsenic	96	95	1	70-130	20

III. Method Blank

Date Analyzed: 07/29/15

Unit: mg/kg

COMPOUND	REPORTING LIMIT	RESULT
Arsenic	1	ND

ND = Not detected at the indicated reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 6010B (Arsenic in Soil) ---

I. Laboratory Control Sample

Date Analyzed: 07/31/15

LCS ID: As150731LC

ANALYTE	LCS %	ACP %CL
Arsenic	96	70-130

II. Matrix Spike/Matrix Spike Duplicate

Date Analyzed: 07/31/15

QC Batch : As150731MS

ANALYTE	MS %	MSD %	RPD	ACP%CL	ACP RPD
Arsenic	98	97	1	70-130	20

III. Method Blank

Date Analyzed: 07/31/15

Unit: mg/kg

COMPOUND	REPORTING LIMIT	RESULT
Arsenic	1	ND

ND = Not detected at the indicated reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 6010B (Arsenic in Soil) ---

I. Laboratory Control Sample

Date Analyzed: 08/03/15

LCS ID: As150803LC

ANALYTE	LCS %	ACP %CL
Arsenic	101	70-130

II. Matrix Spike/Matrix Spike Duplicate

Date Analyzed: 08/03/15

QC Batch : As150803MS

ANALYTE	MS %	MSD %	RPD	ACP%CL	ACP RPD
Arsenic	100	101	1	70-130	20

III. Method Blank

Date Analyzed: 08/03/15

Unit: mg/kg

COMPOUND	REPORTING LIMIT	RESULT
Arsenic	1	ND

ND = Not detected at the indicated reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 6010B (Lead in Soil) ---

I. Laboratory Control Sample

Date Analyzed: 07/29/15

LCS ID: Pb150729LC

ANALYTE	LCS %	ACP %CL
Lead	99	70-130

II. Matrix Spike/Matrix Spike Duplicate

Date Analyzed: 07/29/15

QC Batch : Pb150729MS

ANALYTE	MS %	MSD %	RPD	ACP%CL	ACP RPD
Lead	94	93	1	70-130	20

III. Method Blank

Date Analyzed: 07/29/15

Unit: mg/kg

COMPOUND	REPORTING LIMIT	RESULT
Lead	1	ND

ND = Not detected at the indicated reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 6010B (Lead in Soil) ---

I. Laboratory Control Sample

Date Analyzed: 08/06/15

LCS ID: Pb150806LC

ANALYTE	LCS %	ACP %CL
Lead	102	70-130

II. Matrix Spike/Matrix Spike Duplicate

Date Analyzed: 08/06/15

QC Batch : Pb150806MS

ANALYTE	MS %	MSD %	RPD	ACP%CL	ACP RPD
Lead	101	103	2	70-130	20

III. Method Blank

Date Analyzed: 08/06/15

Unit: mg/kg

COMPOUND	REPORTING LIMIT	RESULT
Lead	1	ND

ND = Not detected at the indicated reporting limit.

CHAIN OF CUSTODY RECORD

150727B



Site: CRENSHAW HIGH SCHOOL

Project Manager: ☐ MALVEY ☒ THOMPSON

TAT: NORM - 24HR - 48HR

Address: 5010 11th AVENUE

Sampled By: ☐ MALVEY ☒ THOMPSON

LARWQCB EDF - YES / ☒ NO

LOS ANGELES, CALIF.

Laboratory: CLE

Page 1 of 6

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PEBS EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-1-6"			7/24/15	Soil	J402										X
PB-1-12"															
PB-1-18"															
PB-1-24"															
PB-1-30"															
PB-1-36"															
PB-2-6"												X		X	X
PB-2-12"															
PB-2-18"															
PB-2-24"															
PB-2-30"															
PB-2-36"															
PB-6-6"															X
PB-6-12"															
PB-6-18"															
PB-6-24"															
PB-6-30"															
PB-6-36"															
PB-9-6"															X
PB-9-12"															
Relinquished By: <u>[Signature]</u>	Date/Time: <u>7/21/15</u>	Received By: <u>[Signature]</u>	Date/Time: <u>7/27/15</u>	NOTES:											
Relinquished By:	Date/Time:	Received By:	Date/Time:												

CHAIN OF CUSTODY RECORD

150727B



Site: CRENSHAW HIGH SCHOOL

Project Manager: ☐ MALVEY ☒ THOMPSON

TAT: NORM - 24HR - 48HR

Address: 5010 11TH AVENUE

Sampled By: ☐ MALVEY ☒ THOMPSON

LARWQCB EDF - YES/NO ☒

LOS ANGELES CALIF.

Laboratory: CCE

Page 2 of 206

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PBS EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-9-18"			7/27/15	SOIL	4oz J.										
PB-9-24"															
PB-9-30"															
PB-9-36"															
PB-14-6"															X
PB-14-12"															
PB-14-18"															
PB-14-24"															
PB-14-30"															
PB-14-36"															
PB-19-6"															X
PB-19-12"															
PB-19-18"															
PB-19-24"															
PB-19-30"															
PB-19-36"															
PB-26-6"															X
PB-26-12"															
PB-26-18"															
PB-26-24"															
Relinquished By:		Date/Time: 7/27/15	Received By:				Date/Time: 7/27/15				NOTES:				
Relinquished By:		Date/Time:	Received By:				Date/Time:								

CHAIN OF CUSTODY RECORD

150727B



Site: CRENSHAW HIGH SCHOOL
Address: 5010 11th AVENUE
LOS ANGELES CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: CCE

TAT: NORM - 24HR - 48HR
LARWQCB EDF - YES / NO

Page 3 of 6

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PCBs EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-26-30"			7/27/15	Soil	4oz J										
PB-26-36"															
PB-31-6"															X
PB-31-12"															
PB-31-18"															
PB-31-24"															
PB-31-30"															
PB-31-36"															
PB-34-6"															X
PB-34-12"															
PB-34-18"															
PB-34-24"															
PB-34-30"															
PB-34-36"															
PB-42-6"															X
PB-42-12"															
PB-42-18"															
PB-42-24"															
PB-42-30"															
PB-42-36"															

Relinquished By: [Signature] Date/Time: 7/27/15 Received By: [Signature] Date/Time: 7/27/15 NOTES:

Relinquished By: Date/Time: Received By: Date/Time:

CHAIN OF CUSTODY RECORD

150727B



Site: CRENSHAW HIGH SCHOOL
 Address: 5010 11th AVENUE
LOS ANGELES, CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON
 Sampled By: ☐ MALVEY ☒ THOMPSON
 Laboratory: CCE

TAT: NORM 24HR - 48HR
 LARWQCB EDF - YES / NO
 Page 4 of 6

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PEBS EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-45-6"			7/27/15	SOIL	4025							X		X	X
PB-45-12"															
PB-45-18"															
PB-45-24"															
PB-45-30"															
PB-45-36"															
PB-46-6"												X		X	X
PB-46-12"															
PB-46-18"															
PB-46-24"															
PB-46-30"															
PB-46-36"															
PB-44-6"												X		X	X
PB-44-12"															
PB-44-18"															
PB-44-24"															
PB-44-30"															
PB-44-36"															
PB-39-6"												X		X	X
PB-39-12"															

Relinquished By: [Signature]
 Relinquished By: _____

Date/Time: 7/27/15
 Date/Time: _____

Received By: [Signature]
 Received By: _____

Date/Time: 7/27/15
 Date/Time: _____

NOTES: _____

CHAIN OF CUSTODY RECORD

150727B



Site: CRENSHAW HIGH SCHOOL
Address: 5010 11th AVENUE
LOS ANGELES, CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: CCE

TAT: NORM - 24HR - 48HR
LARWQCB EDF - YES/NO NO
Page 5 of 6

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides POB EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-39-18"			7/21/15	Soil	✓										
PB-39-24"															
PB-39-30"															
PB-39-36"															
PB-36-6"												X		X	
PB-36-12"															
PB-36-18"															
PB-36-24"															
PB-36-30"															
PB-36-36"															
PB-35-6"															X
PB-35-12"															
PB-35-18"															
PB-35-24"															
PB-35-30"															
PB-35-36"															
PB-38-6"															X
PB-38-12"															
PB-38-18"															
PB-38-24"															
Relinquished By: <u>[Signature]</u>		Date/Time: <u>7/21/15</u>	Received By: <u>[Signature]</u>			Date/Time: <u>7/27/15</u>	NOTES:								
Relinquished By:		Date/Time:	Received By:			Date/Time:									

150727B

CHAIN OF CUSTODY RECORD

Site: CRENSHAW HIGH SCHOOLProject Manager: ☐ MALVEY ☒ THOMPSON

TAT: NORM - 24HR - 48HR

Address: 5010 11th AVENUESampled By: ☐ MALVEY ☒ THOMPSONLARWQCB EDF - YES / ☒ NOLOS ANGELES, CALIF.Laboratory: C&EPage 6 of 96

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PPB EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-38-30"			7/21/15	Soil	4025										
PB-38-36"															
PB-41-6"												X		X	
PB-41-12"															
PB-41-18"															
PB-41-24"															
PB-41-30"															
PB-41-36"															
PB-43-6"															X
PB-43-12"															
PB-43-18"															
PB-43-24"															
PB-43-30"															
PB-43-36"															
PB-33-6"												X		X	
PB-33-12"															
PB-33-18"															
PB-33-24"															
PB-33-30"															
PB-33-36"															
Relinquished By:		Date/Time: 7/27/15	Received By:				Date/Time: 7/27/15				NOTES:				
Relinquished By:		Date/Time:	Received By:				Date/Time:								

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

August 7, 2015

ELAP Certificate No: 2268

Mr. Keith Thompson
Pinnacle Env. Technologies
2 Santa Maria
Foothill Ranch, CA 92610

Project: Crenshaw High School
C&E ID: 150728B

Dear Mr. Thompson,

Enclosed is an analytical report for the sample(s) received by Chemical & Environmental Laboratories, Inc. on July 28, 2015 and analyzed as indicated in the attached chain-of-custody.

Unless otherwise noted, no problems were encountered during receiving, preparation and analysis of these samples.

Please contact me at (562) 926-8091 if you have any questions regarding this report.

Sincerely,

A handwritten signature in cursive script, appearing to read "Larry Zhang".

Larry Zhang, Ph.D.
Laboratory Director

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 8260B (VOCs) ---

Page 1 of 2

Client Name: Pinnacle Env. Technologies
Project Manager: Keith Thompson
Project Name: Crenshaw High School
Sample Matrix: Soil

Date Sampled: 07/28/15
Date Analyzed: 07/28/15
Date Reported: 07/29/15
Unit Reported: µg/kg or ppb

C&E LAB ID	150728B-146				
SAMPLE ID	DRUM				
DF	1				

COMPOUND	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Acetone	ND	5								
Benzene	ND	1								
Bromodichloromethane	ND	2								
Bromoform	ND	5								
Bromomethane	ND	2								
2-Butanone (MEK)	ND	2								
Carbon Disulfide	ND	2								
Carbon Tetrachloride	ND	2								
Chlorobenzene	ND	2								
Chloroethane	ND	2								
Chloroform	ND	2								
Chloromethane	ND	5								
Cyclohexane	ND	2								
Dibromochloromethane	ND	5								
1,2-Dibromo-3-Chloropropane	ND	2								
1,2-Dibromoethane	ND	2								
1,2-Dichlorobenzene	ND	2								
1,3-Dichlorobenzene	ND	2								
1,4-Dichlorobenzene	ND	2								
Dichlorodifluoromethane	ND	5								
1,1-Dichloroethane	ND	2								
1,2-Dichloroethane	ND	2								
1,1-Dichloroethene	ND	2								
cis-1,2-Dichloroethene	ND	2								
trans-1,2-Dichloroethene	ND	2								
1,2-Dichloropropane	ND	2								

To be continued on page 2

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 8260B (VOCs) ---

Page 2 of 2

Client Name: Pinnacle Env. Technologies
 Project Manager: Keith Thompson
 Project Name: Crenshaw High School
 Sample Matrix: Soil

Date Sampled: 07/28/15
 Date Analyzed: 07/28/15
 Date Reported: 07/29/15
 Unit Reported: µg/kg or ppb

C&E LAB ID	150728B-146				
SAMPLE ID	DRUM				
DF	1				

COMPOUND	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
trans-1,3-Dichloropropene	ND	2								
cis-1,3-Dichloropropene	ND	2								
Ethylbenzene	ND	1								
2-Hexanone	ND	2								
Methyl Acetate	ND	2								
Methylcyclohexane	ND	2								
Methylene Chloride	ND	2								
4-Methyl-2-Pentanone	ND	2								
Styrene	ND	2								
Isopropylbenzene	ND	2								
4-Isopropyltoluene	ND	2								
1,1,2,2-Tetrachloroethane	ND	2								
Tetrachloroethene	ND	2								
Toluene	ND	1								
1,2,4-Trichlorobenzene	ND	2								
1,1,1-Trichloroethane	ND	2								
1,1,2-Trichloroethane	ND	2								
Trichloroethene	ND	2								
Trichlorofluoromethane	ND	2								
1,1,2-Trichlorotrifluoroethane	ND	2								
Vinyl Chloride	ND	5								
Total Xylenes	ND	1								

Surrogate Compounds	% Surrogate Recovery (70-130)				
Dibromofluoromethane	111				
1,2-Dichloroethane-d4	100				
Toluene-D8	103				
4-Bromofluorobenzene	107				

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

MI = Matrix Interference; unquantifiable due to coeluting organics in sample.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- GC/MS(TPH-g)/EPA 8260B (Oxygenates) ---

Client Name: Pinnacle Env. Technologies
Project Manager: Keith Thompson
Project Name: Crenshaw High School
Sample Matrix: Soil

Date Sampled: 07/28/15
Date Analyzed: 07/28/15
Date Reported: 07/29/15
Unit Reported: µg/kg or ppb

C&E LAB ID	150728B-146				
SAMPLE ID	DRUM				
DF	1				

COMPOUND	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Ethyl Tertiary Butyl Ether	ND	2								
Tertiary Amyl Methyl Ether	ND	2								
Diisopropyl Ether	ND	2								
Tertiary Butyl Alcohol	ND	20								
MTBE	ND	2								
Gasoline	ND	100								

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

MI = Matrix Interference; unquantifiable due to coeluting organics in sample.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 8081A (Pesticides) ---

Client Name: Pinnacle Env. Technologies
 Project Manager: Keith Thompson
 Project Name: Crenshaw High School
 Sample Matrix: Soil

Date Sampled: 07/28/15
 Date Extracted: 07/29/15
 Date Analyzed: 07/30/15
 Date Reported: 08/03/15

C&E LAB ID	150728B-1	150728B-7	150728B-13	150728B-19	150728B-25
SAMPLE ID	PB-37-6"	PB-40-6"	PB-30-6"	PB-8-6"	PB-3-6"
DF	1	1	1	1	1

Unit Reported: mg/kg or ppm

COMPOUND	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aldrin	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
α -BHC	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
β -BHC	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
γ -BHC	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
δ -BHC	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
α -Chlordane	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
δ -Chlordane	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Total Chlordane	ND	0.005	ND	0.005	ND	0.005	ND	0.005	ND	0.005
4,4'-DDD	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
4,4'-DDE	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
4,4'-DDT	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Dieldrin	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endosulfan I	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endosulfan II	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endosulfan Sulfate	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endrin	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endrin Aldehyde	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endrin Ketone	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Heptachlor	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Heptachlor Epoxide	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Methoxychlor	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Toxaphene	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020

Surrogate Compounds	% Surrogate Recovery (40-150)				
2,4,5,6-tetrachloro-m-xylene	106	114	107	106	106
decachlorobiphenyl	73	74	72	67	70

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.
 MI = Matrix Interference; unquantifiable due to coeluting organics in sample.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 8081A (Pesticides) ---

Client Name: Pinnacle Env. Technologies
 Project Manager: Keith Thompson
 Project Name: Crenshaw High School
 Sample Matrix: Soil

Date Sampled: 07/28/15
 Date Extracted: 07/29/15
 Date Analyzed: 07/30/15
 Date Reported: 08/03/15

C&E LAB ID	150728B-37	150728B-43	150728B-49	150728B-55	150728B-73
SAMPLE ID	PB-5-6"	PB-12-6"	PB-13-6"	PB-18-6"	PB-27-6"
DF	1	1	1	1	1

Unit Reported: mg/kg or ppm

COMPOUND	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aldrin	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
α -BHC	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
β -BHC	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
γ -BHC	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
δ -BHC	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
α -Chlordane	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
δ -Chlordane	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Total Chlordane	ND	0.005	ND	0.005	ND	0.005	ND	0.005	ND	0.005
4,4'-DDD	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
4,4'-DDE	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
4,4'-DDT	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Dieldrin	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endosulfan I	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endosulfan II	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endosulfan Sulfate	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endrin	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endrin Aldehyde	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endrin Ketone	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Heptachlor	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Heptachlor Epoxide	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Methoxychlor	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Toxaphene	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020

Surrogate Compounds	% Surrogate Recovery (40-150)				
2,4,5,6-tetrachloro-m-xylene	107	105	102	110	108
decachlorobiphenyl	72	82	67	72	69

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.
 MI = Matrix Interference; unquantifiable due to coeluting organics in sample.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 8081A (Pesticides) ---

Client Name: Pinnacle Env. Technologies
 Project Manager: Keith Thompson
 Project Name: Crenshaw High School
 Sample Matrix: Soil

Date Sampled: 07/28/15
 Date Extracted: 07/29/15
 Date Analyzed: 07/30/15
 Date Reported: 08/03/15

C&E LAB ID	150728B-85	150728B-97	150728B-103	150728B-147	150728B-148
SAMPLE ID	PB-20-6"	PB-23-6"	PB-29-6"	Planters West	Quad Planters West
DF	1	1	1	1	1

Unit Reported: mg/kg or ppm

COMPOUND	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aldrin	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
α -BHC	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
β -BHC	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
γ -BHC	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
δ -BHC	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
α -Chlordane	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
δ -Chlordane	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Total Chlordane	ND	0.005	ND	0.005	ND	0.005	ND	0.005	ND	0.005
4,4'-DDD	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
4,4'-DDE	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
4,4'-DDT	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Dieldrin	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endosulfan I	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endosulfan II	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endosulfan Sulfate	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endrin	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endrin Aldehyde	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Endrin Ketone	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Heptachlor	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Heptachlor Epoxide	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Methoxychlor	ND	0.001	ND	0.001	ND	0.001	ND	0.001	ND	0.001
Toxaphene	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020

Surrogate Compounds	% Surrogate Recovery (40-150)				
2,4,5,6-tetrachloro-m-xylene	107	107	116	99	159*
decachlorobiphenyl	68	72	74	60	154*

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

MI = Matrix Interference; unquantifiable due to coeluting organics in sample.

* = Surrogate fail due to matrix interference (if marked)

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 8081A (Pesticides) ---

Client Name: Pinnacle Env. Technologies
 Project Manager: Keith Thompson
 Project Name: Crenshaw High School
 Sample Matrix: Soil

Date Sampled: 07/28/15
 Date Extracted: 07/29/15
 Date Analyzed: 07/30/15
 Date Reported: 08/03/15

C&E LAB ID	150728B-149	150728B-150			
SAMPLE ID	Quad Planters East	Quad Planters Center			
DF	1	1			

Unit Reported: mg/kg or ppm

COMPOUND	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aldrin	ND	0.001	ND	0.001						
α -BHC	ND	0.001	ND	0.001						
β -BHC	ND	0.001	ND	0.001						
γ -BHC	ND	0.001	ND	0.001						
δ -BHC	ND	0.001	ND	0.001						
α -Chlordane	ND	0.001	ND	0.001						
δ -Chlordane	ND	0.001	ND	0.001						
Total Chlordane	ND	0.005	ND	0.005						
4,4'-DDD	ND	0.001	ND	0.001						
4,4'-DDE	ND	0.001	ND	0.001						
4,4'-DDT	ND	0.001	ND	0.001						
Dieldrin	ND	0.001	ND	0.001						
Endosulfan I	ND	0.001	ND	0.001						
Endosulfan II	ND	0.001	ND	0.001						
Endosulfan Sulfate	ND	0.001	ND	0.001						
Endrin	ND	0.001	ND	0.001						
Endrin Aldehyde	ND	0.001	ND	0.001						
Endrin Ketone	ND	0.001	ND	0.001						
Heptachlor	ND	0.001	ND	0.001						
Heptachlor Epoxide	ND	0.001	ND	0.001						
Methoxychlor	ND	0.001	ND	0.001						
Toxaphene	ND	0.020	ND	0.020						

Surrogate Compounds	% Surrogate Recovery (40-150)				
2,4,5,6-tetrachloro-m-xylene	139	149			
decachlorobiphenyl	144	92			

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.
 MI = Matrix Interference; unquantifiable due to coeluting organics in sample.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- CA Title 22 Metals (17) ---

Client Name: Pinnacle Env. Technologies
Project Manager: Keith Thompson
Project Name: Crenshaw High School
Sample Matrix: Soil

Date Sampled: 07/28/15
Date Analyzed: 07/29/15
Date Reported: 07/30/15
Unit Reported: mg/kg or ppm

C&E LAB ID	150728B-146				
SAMPLE ID	DROM				
DF	1				

COMPOUND	Method	Result	RL	Result	RL	Result	RL	Result	RL
Antimony (Sb)	6010B	ND	2						
Arsenic (As)	6010B	1	1						
Barium (Ba)	6010B	45	1						
Beryllium (Be)	6010B	ND	1						
Cadmium (Cd)	6010B	ND	0.5						
Chromium (Cr)	6010B	8	1						
Cobalt (Co)	6010B	11	1						
Copper (Cu)	6010B	8	1						
Lead (Pb)	6010B	7	1						
Mercury (Hg)	7471	ND	0.1						
Molybdenum (Mo)	6010B	ND	1						
Nickel (Ni)	6010B	6	1						
Selenium (Se)	6010B	ND	2						
Silver (Ag)	6010B	ND	1						
Thallium (Tl)	6010B	ND	2						
Vanadium (V)	6010B	25	1						
Zinc (Zn)	6010B	25	1						

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 6010B (Arsenic) ---

Client Name: Pinnacle Env. Technologies
Project Manager: Keith Thompson
Project Name: Crenshaw High School
Sample Matrix: Soil

Date Sampled: 07/28/15
Date Analyzed: 07/29/15
Date Reported: 07/30/15
Unit Reported: mg/kg or ppm

C&E LAB ID	SAMPLE ID	DF	RESULT	RL
150728B-7	PB-40-6"	1	ND	1
150728B-25	PB-3-6"	1	ND	1
150728B-31	PB-4-6"	1	ND	1
150728B-37	PB-5-6"	1	ND	1
150728B-49	PB-13-6"	1	10	1
150728B-61	PB-25-6"	1	23	1
150728B-67	PB-32-6"	1	ND	1
150728B-73	PB-27-6"	1	ND	1
150728B-79	PB-28-6"	1	ND	1
150728B-91	PB-24-6"	1	ND	1
150728B-97	PB-23-6"	1	1	1
150728B-103	PB-29-6"	1	ND	1
150728B-109	PB-10-6"	1	ND	1
150728B-115	PB-16-6"	1	1	1
150728B-121	PB-15-6"	1	ND	1
150728B-127	PB-22-6"	1	1	1
150728B-133	PB-7-6"	1	ND	1
150728B-139	PB-17-6"	1	1	1
150728B-140	PB-11-6"	1	ND	1
150728B-147	Planters West	1	6	1
150728B-148	Quad Planters West	1	2	1
150728B-149	Quad Planters East	1	3	1
150728B-150	Quad Planters Center	1	2	1

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 6010B (Arsenic) ---

Client Name: Pinnacle Env. Technologies

Project Manager: Keith Thompson

Project Name: Crenshaw High School

Sample Matrix: Soil

Date Sampled: 07/28/15

Date Analyzed: 07/31/15

Date Reported: 08/03/15

Unit Reported: mg/kg or ppm

[illegible]

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 6010B (Lead) ---

Client Name: Pinnacle Env. Technologies
Project Manager: Keith Thompson
Project Name: Crenshaw High School
Sample Matrix: Soil

Date Sampled: 07/28/15
Date Analyzed: 07/29/15
Date Reported: 07/30/15
Unit Reported: mg/kg or ppm

C&E LAB ID	SAMPLE ID	DF	RESULT	RL
150728B-1	PB-37-6"	1	ND	1
150728B-7	PB-40-6"	1	6	1
150728B-13	PB-30-6"	1	15	1
150728B-19	PB-8-6"	1	8	1
150728B-25	PB-3-6"	1	4	1
150728B-37	PB-5-6"	1	2	1
150728B-43	PB-12-6"	1	5	1
150728B-49	PB-13-6"	1	9	1
150728B-55	PB-18-6"	1	31	1
150728B-73	PB-27-6"	1	1	1
150728B-85	PB-20-6"	1	4	1
150728B-97	PB-23-6"	1	1	1
150728B-103	PB-29-6"	1	4	1
150728B-147	Planters West	1	19	1
150728B-148	Quad Planters West	1	20	1
150728B-149	Quad Planters East	1	19	1
150728B-150	Quad Planters Center	1	11	1

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 6010B (Lead) ---

Client Name: Pinnacle Env. Technologies
Project Manager: Keith Thompson
Project Name: Crenshaw High School
Sample Matrix: Soil

Date Sampled: 07/28/15
Date Analyzed: 08/06/15
Date Reported: 08/06/15
Unit Reported: mg/kg or ppm

[illegible]

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 8260B (VOC) ---

I. Laboratory Control Sample

Date Analyzed: 07/28/15
LCS ID: VOC150728LC

ANALYTE	LCS %	ACP %CL
1,1-Dichloroethene	115	70-130
Benzene	105	70-130
Trichloroethene	90	70-130
Toluene	100	70-130
Chlorobenzene	100	70-130

II. Matrix Spike/Matrix Spike Duplicate

Date Analyzed: 07/28/15
QC Batch: VOC150728MS

ANALYTE	MS %	MSD %	RPD	ACP%CL	ACP RPD
1,1-Dichloroethene	120	120	0	70-130	20
Benzene	110	105	5	70-130	20
Trichloroethene	100	100	0	70-130	20
Toluene	105	100	5	70-130	20
Chlorobenzene	100	95	5	70-130	20

III. Method Blank

Date Analyzed: 07/28/15

Unit: µg/kg

COMPOUND	Reporting Limit	RESULT	COMPOUND	Reporting Limit	RESULT	COMPOUND	Reporting Limit	RESULT
Acetone	5	ND	1,2-Dichlorobenzene	2	ND	Methylene Chloride	2	ND
Benzene	1	ND	1,3-Dichlorobenzene	2	ND	4-Methyl-2-Pentanone	2	ND
Bromodichloromethane	2	ND	1,4-Dichlorobenzene	2	ND	Styrene	2	ND
Bromoform	2	ND	Dichlorodifluoromethane	2	ND	Isopropylbenzene	2	ND
Bromomethane	2	ND	1,1-Dichloroethane	2	ND	4-Isopropyltoluene	2	ND
2-Butanone (MEK)	2	ND	1,2-Dichloroethane	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Carbon Disulfide	2	ND	1,1-Dichloroethene	2	ND	Tetrachloroethene	2	ND
Carbon Tetrachloride	2	ND	cis-1,2-Dichloroethene	2	ND	Toluene	1	ND
Chlorobenzene	2	ND	trans-1,2-Dichloroethene	2	ND	1,2,4-Trichlorobenzene	2	ND
Chloroethane	2	ND	1,2-Dichloropropane	2	ND	1,1,1-Trichloroethane	2	ND
Chloroform	2	ND	trans-1,3-Dichloropropene	2	ND	1,1,2-Trichloroethane	2	ND
Chloromethane	5	ND	cis-1,3-Dichloropropene	2	ND	Trichloroethene	2	ND
Cyclohexane	2	ND	Ethylbenzene	1	ND	Trichlorofluoromethane	2	ND
Dibromochloromethane	2	ND	2-Hexanone	2	ND	1,1,2-Trichlorotrifluoroethane	2	ND
1,2-Dibromo-3-Chloropropane	2	ND	Methyl Acetate	2	ND	Vinyl Chloride	5	ND
1,2-Dibromoethane	2	ND	Methylcyclohexane	2	ND	Total Xylenes	1	ND

Surrogate Compounds	% Surr. Rec. (70-130)
Dibromofluoromethane	116
1,2-Dichloroethane-d4	114
Toluene-D8	105
4-Bromofluorobenzene	122

ND = Not detected at the indicated reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 8081A (Pesticides) ---

I. Laboratory Control Sample

Date Extracted: 07/29/15

Date Analyzed: 07/30/15

LCS ID: PEST150730LC

ANALYTE	LCS %	ACP %CL
gamma-BHC	106	75-125
Aldrin	108	75-125
4,4'-DDT	103	75-125
Dieldrin	98	75-125

II. Matrix Spike/Matrix Spike Duplicate

Date Extracted: 07/29/15

Date Analyzed: 07/30/15

QC Batch: PEST150730MS

ANALYTE	MS %	MSD %	RPD	ACP%CL	ACP RPD
gamma-BHC	113	100	12	70-130	30
Aldrin	117	103	13	70-130	30
4,4'-DDT	124	110	12	70-130	30

III. Method Blank

Date Extracted: 07/29/15

Date Analyzed: 07/30/15

COMPOUNDN	REPORTING LIMIT	RESULT
Aldrin	0.0010	ND
α-BHC	0.0010	ND
β-BHC	0.0010	ND
γ-BHC	0.0010	ND
δ-BHC	0.0010	ND
Chlordane	0.0010	ND
4,4'-DDD	0.0010	ND
4,4'-DDE	0.0010	ND
4,4'-DDT	0.0010	ND
Dieldrin	0.0010	ND

Unit: Mg/kg

COMPOUNDN	REPORTING LIMIT	RESULT
Endosulfan I	0.0010	ND
Endosulfan II	0.0010	ND
Endosulfan Sulfate	0.0010	ND
Endrin	0.0000	ND
Endrin Aldehyde	0.0010	ND
Endrin Ketone	0.0010	ND
Heptachlor	0.0010	ND
Heptachlor Epoxide	0.0010	ND
Methoxychlor	0.0010	ND
Toxaphene	0.0200	ND

Surrogate Compounds	% Surr. Rec. (40-150)
2,4,5,6-tetrachloro-m-xylene	107
decachlorobiphenyl	77

ND = Not detected at the indicated reporting limit.

V-2 = Out-of-Range recovery was due to sample Heterogeneity.

M=Matrix interference

NR=Not Reported

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 6010B (Metals) ---

I. Laboratory Control Sample

Date Analyzed: 07/29/15

LCS ID: MET150729LC

ANALYTE	LCS %	ACP %CL
Arsenic	93	70-130
Selenium	91	70-130
Cadmium	99	70-130
Lead	99	70-130
Barium	104	70-130

II. Matrix Spike/Matrix Spike Duplicate

Date Analyzed: 07/29/15

QC Batch #: MET150729MS

ANALYTE	MS %	MSD %	RPD	ACP %CL	ACP RPD
Arsenic	96	95	1	70-130	20
Selenium	95	94	1	70-130	20
Cadmium	96	98	2	70-130	20
Lead	94	93	1	70-130	20
Barium	103	104	1	70-130	20

III. Method Blank

Date Analyzed: 07/29/15

Unit: mg/kg

COMPOUND	REPORTING LIMIT	RESULT
Antimony (Sb)	2	ND
Arsenic (As)	1	ND
Barium (Ba)	1	ND
Beryllium (Be)	1	ND
Cadmium (Cd)	0.5	ND
Chromium (Cr)	1	ND
Cobalt (Co)	1	ND
Copper (Cu)	1	ND
Lead (Pb)	1	ND

COMPOUND	REPORTING LIMIT	RESULT
Molybdenum (Mo)	1	ND
Nickel (Ni)	1	ND
Selenium (Se)	2	ND
Silver (Ag)	1	ND
Thallium (Tl)	2	ND
Vanadium (V)	1	ND
Zinc (Zn)	1	ND

ND = Not detected at the indicated reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 6010B (Arsenic in Soil) ---

I. Laboratory Control Sample

Date Analyzed: 07/31/15

LCS ID: As150731LC

ANALYTE	LCS %	ACP %CL
Arsenic	96	70-130

II. Matrix Spike/Matrix Spike Duplicate

Date Analyzed: 07/31/15

QC Batch : As150731MS

ANALYTE	MS %	MSD %	RPD	ACP%CL	ACP RPD
Arsenic	98	97	1	70-130	20

III. Method Blank

Date Analyzed: 07/31/15

Unit: mg/kg

COMPOUND	REPORTING LIMIT	RESULT
Arsenic	1	ND

ND = Not detected at the indicated reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 6010B (Lead in Soil) ---

I. Laboratory Control Sample

Date Analyzed: 08/06/15

LCS ID: Pb150806LC

ANALYTE	LCS %	ACP %CL
Lead	102	70-130

II. Matrix Spike/Matrix Spike Duplicate

Date Analyzed: 08/06/15

QC Batch : Pb150806MS

ANALYTE	MS %	MSD %	RPD	ACP%CL	ACP RPD
Lead	101	103	2	70-130	20

III. Method Blank

Date Analyzed: 08/06/15

Unit: mg/kg

COMPOUND	REPORTING LIMIT	RESULT
Lead	1	ND

ND = Not detected at the indicated reporting limit.

CHAIN OF CUSTODY RECORD

150728B



Site: CRENSHAW HIGH SCHOOL
Address: 5010 11th AVENUE
LOS ANGELES, CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON

Sampled By: ☐ MALVEY ☒ THOMPSON

Laboratory: CVE

TAT: NORM - 24HR - 48HR

LARWQCB EDF - YES / NO

Page 1 of 1

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PCBs EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-37-6"			7/27/15	SOIL	4025							X		X	
PB-37-12"															
PB-37-18"															
PB-37-24"															
PB-37-30"															
PB-37-36"															
PB-40-6"												X		X	X
PB-40-12"															
PB-40-18"															
PB-40-24"															
PB-40-30"															
PB-40-36"															
PB-30-6"												X		X	
PB-30-12"															
PB-30-18"															
PB-30-24"															
PB-30-30"															
PB-30-36"															
PB-8-6"			7/28/15									X		X	
PB-8-12"															

Relinquished By: [Signature]

Relinquished By:

Date/Time: 7/28/15

Date/Time:

Received By: Grace Wang

Received By:

Date/Time: 7/28/15 12:00

Date/Time:

NOTES:

CHAIN OF CUSTODY RECORD

150728B



Site: CRENSHAW HIGH SCHOOL
Address: 5010 11th AVENUE
LOS ANGELES, CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: CLE

TAT: NORM 24HR - 48HR
LARWQCB EDF - YES/NO ☒
Page 2 of 8

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides POB EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 6010
PB-8-18"			7/28/15	SOIL	402J										
PB-8-24"															
PB-8-30"															
PB-8-36"															
PB-3-6"												X		X	X
PB-3-12"															
PB-3-18"															
PB-3-24"															
PB-3-30"															
PB-3-36"															
PB-4-6"															X
PB-4-12"															
PB-4-18"															
PB-4-24"															
PB-4-30"															
PB-4-36"															
PB-5-6"												X		X	X
PB-5-12"															
PB-5-18"															
PB-5-24"															
Relinquished By: <u>[Signature]</u>	Date/Time: <u>7/28/15</u>	Received By: <u>Grace Wang</u>	Date/Time: <u>7/28/15 12:15</u>	NOTES:											
Relinquished By:	Date/Time:	Received By:	Date/Time:												

CHAIN OF CUSTODY RECORD

150728B



Site: CRENSHAW HIGH SCHOOL
Address: 5010 11th AVENUE
LOS ANGELES, CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON

Sampled By: ☐ MALVEY ☒ THOMPSON

Laboratory: CVE

TAX: NORM - 24HR - 48HR

LARWQCB EDF - YES/NO ☒

Page 3 of 8

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PEST EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-5-30"			7/28/15	Soil	402J										
PB-5-36"															
PB-12-6"												X		X	
PB-12-12"															
PB-12-18"															
PB-12-24"															
PB-12-30"															
PB-12-36"															
PB-13-6"												X		X	X
PB-13-12"															
PB-13-18"															
PB-13-24"															
PB-13-30"															
PB-13-36"															
PB-18-6"												X		X	
PB-18-12"															
PB-18-18"															
PB-18-24"															
PB-18-30"															
PB-18-36"															
Relinquished By: <u>[Signature]</u>		Date/Time: <u>7/28/15</u>		Received By: <u>Grace Wang</u>			Date/Time: <u>7/28/15 12:4</u>		NOTES:						
Relinquished By:		Date/Time:		Received By:			Date/Time:								

CHAIN OF CUSTODY RECORD

150728B



Site: CRENSHAW HIGH SCHOOL
 Address: 5010 11TH AVENUE
LOS ANGELES, CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON
 Sampled By: ☐ MALVEY ☒ THOMPSON
 Laboratory: CCE

TAT: NORM - 24HR - 48HR
 LARWQCB EDF - YES / NO
 Page 4 of 8

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides POB EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 6010
PB-25-6"			7/28/15	Soil	4025										X
PB-25-12"															
PB-25-18"															
PB-25-24"															
PB-25-30"															
PB-25-36"															
PB-32-6"															X
PB-32-12"															
PB-32-18"															
PB-32-24"															
PB-32-30"															
PB-32-36"															
PB-27-6"												X		X	X
PB-27-12"															
PB-27-18"															
PB-27-24"															
PB-27-30"															
PB-27-36"															
PB-28-6"															X
PB-28-12"															
Relinquished By: <u>[Signature]</u>		Date/Time: <u>7/28/15</u>	Received By: <u>Grace Wang</u>				Date/Time: <u>7/28/15-12:15</u>				NOTES:				
Relinquished By:		Date/Time:	Received By:				Date/Time:								

CHAIN OF CUSTODY RECORD

150728B



Site: CRENSHAW HIGH SCHOOL
Address: 5010 11th AVENUE
LOS ANGELES, CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: CCE

TAT: NORM - 24HR - 48HR
LARWQCB EDF - YES/NO ☒
Page 5 of 8

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides POB EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-28-18"			7/28/15	Soil	4025										
PB-28-24"															
PB-28-30"															
PB-28-36"															
PB-20-6"												X		X	
PB-20-12"															
PB-20-18"															
PB-20-24"															
PB-20-30"															
PB-20-36"															
PB-24-6"															X
PB-24-12"															
PB-24-18"															
PB-24-24"															
PB-24-30"															
PB-24-36"															
PB-23-6"												X		X	X
PB-23-12"															
PB-23-18"															
PB-23-24"															
Relinquished By:	Date/Time: 7/28/15	Received By: Grace Wang	Date/Time: 12/28/15	NOTES:											
Relinquished By:	Date/Time:	Received By:	Date/Time:												

CHAIN OF CUSTODY RECORD

150728B



Site: CRENSHAW HIGH SCHOOL
 Address: 5010 11th AVENUE
LOS ANGELES, CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON
 Sampled By: ☐ MALVEY ☒ THOMPSON
 Laboratory: CCE

TAT: NORM - 24HR - 48HR
 LARWQCB EDF - YES / NO
 Page 6 of 8

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides POB EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 6010
PB-23-30"			7/28/15	Soil	J										
PB-23-36"															
PB-29-6"												X		X	X
PB-29-12"															
PB-29-18"															
PB-29-24"															
PB-29-30"															
PB-29-36"															
PB-10-6"															X
PB-10-12"															
PB-10-18"															
PB-10-24"															
PB-10-30"															
PB-10-36"															
PB-16-6"															X
PB-16-12"															
PB-16-18"															
PB-16-24"															
PB-16-30"															
PB-16-36"															
Relinquished By: <u>[Signature]</u>	Date/Time: <u>7/28/15</u>	Received By: <u>Grace Wang</u>	Date/Time: <u>7/28/15</u>	NOTES:											
Relinquished By:	Date/Time:	Received By:	Date/Time:												

CHAIN OF CUSTODY RECORD

150728B



Site: CRENSHAW HIGH SCHOOL

Project Manager: ☐ MALVEY ☒ THOMPSON

TAT: NORM - 24HR - 48HR

Address: 5010 11th AVENUE

Sampled By: ☐ MALVEY ☒ THOMPSON

LARWQCB EDF - YES/NO ☒

LOS ANGELES, CALIF.

Laboratory: CCE

Page 7 of 8

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides POB EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-15-6"			7/28/15	Soil	8025										X
PB-15-12"															
PB-15-18"															
PB-15-24"															
PB-15-30"															
PB-15-36"															
PB-22-6"															X
PB-22-12"															
PB-22-18"															
PB-22-24"															
PB-22-30"															
PB-22-36"															
PB-7-6"															X
PB-17-12"															
PB-17-18"															
PB-17-24"															
PB-17-30"															
PB-17-36"															
PB-17-6"															X
PB-11-6"															X
Relinquished By:	Date/Time: 7/28/15	Received By: Grace Wang	Date/Time: 7/28/15	NOTES:											
Relinquished By:	Date/Time:	Received By:	Date/Time:												

150.728B



Project Manager: ☐ MALVEY ☒ THOMPSON

Address: 5010 11th AVENUE

Sampled By: ☐ MALVEY ☒ THOMPSON

LARWOEB EDF - YES / NO

LOS ANGELES CALIF.

Laboratory: CEEPage 8 of 8[illegible]

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

August 24, 2015

ELAP Certificate No: 2268

Mr. Keith Thompson
Pinnacle Env. Technologies
2 Santa Maria
Foothill Ranch, CA 92610

Project: Crenshaw High School
C&E ID: 150727B

Dear Mr. Thompson,

Enclosed is an analytical report for the sample(s) received by Chemical & Environmental Laboratories, Inc. on July 27, 2015 and analyzed as indicated in the attached chain-of-custody.

Unless otherwise noted, no problems were encountered during receiving, preparation and analysis of these samples.

Please contact me at (562) 926-8091 if you have any questions regarding this report.

Sincerely,

A handwritten signature in cursive script, appearing to read "Larry Zhang".

Larry Zhang, Ph.D.
Laboratory Director

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 8081A (Pesticides) ---

Client Name: Pinnacle Env. Technologies
 Project Manager: Keith Thompson
 Project Name: Crenshaw High School
 Sample Matrix: Soil

Date Sampled: 07/27/15
 Date Extracted: 08/17/15
 Date Analyzed: 08/17/15
 Date Reported: 08/20/15

C&E LAB ID	150727B-121				
SAMPLE ID	PB-21-6"				
DF	1				

Unit Reported: mg/kg or ppm

COMPOUND	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aldrin	ND	0.001								
α -BHC	ND	0.001								
β -BHC	ND	0.001								
γ -BHC	ND	0.001								
δ -BHC	ND	0.001								
α -Chlordane	ND	0.001								
δ -Chlordane	ND	0.001								
Total Chlordane	ND	0.005								
4,4'-DDD	ND	0.001								
4,4'-DDE	ND	0.001								
4,4'-DDT	ND	0.001								
Dieldrin	ND	0.001								
Endosulfan I	ND	0.001								
Endosulfan II	ND	0.001								
Endosulfan Sulfate	ND	0.001								
Endrin	ND	0.001								
Endrin Aldehyde	ND	0.001								
Endrin Ketone	ND	0.001								
Heptachlor	ND	0.001								
Heptachlor Epoxide	ND	0.001								
Methoxychlor	ND	0.001								
Toxaphene	ND	0.020								
Methoxychlor										

Surrogate Compounds	% Surrogate Recovery (40-150)				
2,4,5,6-tetrachloro-m-xylene	104				
decachlorobiphenyl	61				

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

MI = Matrix Interference; unquantifiable due to coeluting organics in sample.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 6010B (Arsenic) ---

Client Name: Pinnacle Env. Technologies

Project Manager: Keith Thompson

Project Name: Crenshaw High School

Sample Matrix: Soil

Date Sampled: 07/27/15

Date Analyzed: 08/20/15

Date Reported: 08/20/15

Unit Reported: mg/kg or ppm

[illegible]

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 6010B (Lead) ---

Client Name: Pinnacle Env. Technologies
Project Manager: Keith Thompson
Project Name: Crenshaw High School
Sample Matrix: Soil

Date Sampled: 07/27/15
Date Analyzed: 08/17/15
Date Reported: 08/17/15
Unit Reported: mg/kg or ppm

[illegible]

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 6010B (STLC Lead) ---

Client Name: Pinnacle Env. Technologies
Project Manager: Keith Thompson
Project Name: Crenshaw High School
Sample Matrix: Soil

Date Sampled: 07/27/15
Date Analyzed: 08/20/15
Date Reported: 08/20/15
Unit Reported: mg/L or ppm

[illegible]

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 8081A (Pesticides) ---

I. Laboratory Control Sample

Date Extracted: 08/17/15

Date Analyzed: 08/17/15

LCS ID: PEST150817LC

ANALYTE	LCS %	ACP %CL
gamma-BHC	92	75-125
Aldrin	100	75-125
4,4'-DDT	80	75-125
Dieldrin	86	75-125

II. Matrix Spike/Matrix Spike Duplicate

Date Extracted: 08/17/15

Date Analyzed: 08/17/15

QC Batch: PEST150817MS

ANALYTE	MS %	MSD %	RPD	ACP%CL	ACP RPD
gamma-BHC	82	77	6	70-130	30
Aldrin	119	113	5	70-130	30
4,4'-DDT	96	93	3	70-130	30

III. Method Blank

Date Extracted: 08/17/15

Date Analyzed: 08/17/15

Unit: Mg/kg

COMPOUNDN	REPORTING LIMIT	RESULT
Aldrin	0.0010	ND
α-BHC	0.0010	ND
β-BHC	0.0010	ND
γ-BHC	0.0010	ND
δ-BHC	0.0010	ND
Chlordane	0.0010	ND
4,4'-DDD	0.0010	ND
4,4'-DDE	0.0010	ND
4,4'-DDT	0.0010	ND
Dieldrin	0.0010	ND

COMPOUNDN	REPORTING LIMIT	RESULT
Endosulfan I	0.0010	ND
Endosulfan II	0.0010	ND
Endosulfan Sulfate	0.0010	ND
Endrin	0.0000	ND
Endrin Aldehyde	0.0010	ND
Endrin Ketone	0.0010	ND
Heptachlor	0.0010	ND
Heptachlor Epoxide	0.0010	ND
Methoxychlor	0.0010	ND
Toxaphene	0.0200	ND

Surrogate Compounds	% Surr. Rec. (40-150)
2,4,5,6-tetrachloro-m-xylene	118
decachlorobiphenyl	68

ND = Not detected at the indicated reporting limit.

V-2 = Out-of-Range recovery was due to sample Heterogeneity.

M=Matrix interference

NR=Not Reported

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 6010B (Arsenic in Soil) ---

I. Laboratory Control Sample

Date Analyzed: 08/20/15

LCS ID: As150820LC

ANALYTE	LCS %	ACP %CL
Arsenic	98	70-130

II. Matrix Spike/Matrix Spike Duplicate

Date Analyzed: 08/20/15

QC Batch : As150820MS

ANALYTE	MS %	MSD %	RPD	ACP%CL	ACP RPD
Arsenic	98	99	1	70-130	20

III. Method Blank

Date Analyzed: 08/20/15

Unit: mg/kg

COMPOUND	REPORTING LIMIT	RESULT
Arsenic	1	ND

ND = Not detected at the indicated reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 6010B (Lead in Soil) ---

I. Laboratory Control Sample

Date Analyzed: 08/17/15

LCS ID: Pb150817LC

ANALYTE	LCS %	ACP %CL
Lead	96	70-130

II. Matrix Spike/Matrix Spike Duplicate

Date Analyzed: 08/17/15

QC Batch : Pb150817MS

ANALYTE	MS %	MSD %	RPD	ACP%CL	ACP RPD
Lead	97	97	0	70-130	20

III. Method Blank

Date Analyzed: 08/17/15

Unit: mg/kg

COMPOUND	REPORTING LIMIT	RESULT
Lead	1	ND

ND = Not detected at the indicated reporting limit.

CHAIN OF CUSTODY RECORD

150727B



Site: CRENSHAW HIGH SCHOOL

Project Manager: ☐ MALVEY ☒ THOMPSON

TAT: NORM - 24HR - 48HR

Address: 5010 11th AVENUE

Sampled By: ☐ MALVEY ☒ THOMPSON

LARWQCB EDF - YES / ☒ NO

LOS ANGELES, CALIF.

Laboratory: CLE

Page 1 of 6

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PEBS EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-1-6"			7/24/15	Soil	J402										X
PB-1-12"															
PB-1-18"															
PB-1-24"															
PB-1-30"															
PB-1-36"															
PB-2-6"												X		X	X
PB-2-12"															
PB-2-18"															
PB-2-24"															
PB-2-30"															
PB-2-36"															
PB-6-6"															X
PB-6-12"															
PB-6-18"															
PB-6-24"															
PB-6-30"															
PB-6-36"															
PB-9-6"															X
PB-9-12"															
Relinquished By: <u>[Signature]</u>	Date/Time: <u>7/21/15</u>	Received By: <u>[Signature]</u>	Date/Time: <u>7/27/15</u>	NOTES:											
Relinquished By:	Date/Time:	Received By:	Date/Time:												

CHAIN OF CUSTODY RECORD

150727B



Site: CRENSHAW HIGH SCHOOL

Project Manager: ☐ MALVEY ☒ THOMPSON

TAT: NORM - 24HR - 48HR

Address: 5010 11TH AVENUE

Sampled By: ☐ MALVEY ☒ THOMPSON

LARWQCB EDF - YES/NO

LOS ANGELES CALIF.

Laboratory: C&E

Page 2 of 206

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PBS EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-9-18"			7/27/15	SOIL	402J										
PB-9-24"															
PB-9-30"															
PB-9-36"															
PB-14-6"															X
PB-14-12"															
PB-14-18"															
PB-14-24"															
PB-14-30"															
PB-14-36"															
PB-19-6"															X
PB-19-12"															
PB-19-18"															
PB-19-24"															
PB-19-30"															
PB-19-36"															
PB-26-6"															X
PB-26-12"															
PB-26-18"															
PB-26-24"															
Relinquished By:		Date/Time: 7/27/15	Received By:				Date/Time: 7/27/15				NOTES:				
Relinquished By:		Date/Time:	Received By:				Date/Time:								

CHAIN OF CUSTODY RECORD

150727B



Site: CRENSHAW HIGH SCHOOL
Address: 5010 11th AVENUE
LOS ANGELES, CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: CCE

TAT: NORM - 24HR - 48HR
LARWQCB EDF - YES / NO

Page 3 of 6

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PCBs EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-26-30"			7/27/15	Soil	4oz J										
PB-26-36"															
PB-31-6"															X
PB-31-12"															
PB-31-18"															
PB-31-24"															
PB-31-30"															
PB-31-36"															
PB-34-6"															X
PB-34-12"															
PB-34-18"															
PB-34-24"															
PB-34-30"															
PB-34-36"															
PB-42-6"															X
PB-42-12"															
PB-42-18"															
PB-42-24"															
PB-42-30"															
PB-42-36"															

Relinquished By: [Signature] Date/Time: 7/27/15 Received By: [Signature] Date/Time: 7/27/15 NOTES:

Relinquished By: Date/Time: Received By: Date/Time:

CHAIN OF CUSTODY RECORD

150727B



Site: CRENSHAW HIGH SCHOOL
Address: 5010 11th AVENUE
LOS ANGELES, CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: CCE

TAT: NORM 24HR - 48HR
LARWQCB EDF - YES / NO
Page 4 of 6

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PEBS EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-45-6"			7/27/15	SOIL	4025							X		X	X
PB-45-12"															
PB-45-18"															
PB-45-24"															
PB-45-30"															
PB-45-36"															
PB-46-6"												X		X	X
PB-46-12"															
PB-46-18"															
PB-46-24"															
PB-46-30"															
PB-46-36"															
PB-44-6"												X		X	X
PB-44-12"															
PB-44-18"															
PB-44-24"															
PB-44-30"															
PB-44-36"															
PB-39-6"												X		X	X
PB-39-12"															

Relinquished By: [Signature]

Relinquished By: _____

Date/Time: 7/27/15

Date/Time: _____

Received By: [Signature]

Received By: _____

Date/Time: 7/27/15

Date/Time: _____

NOTES:

CHAIN OF CUSTODY RECORD

150727B



Site: CRENSHAW HIGH SCHOOL
Address: 5010 11th AVENUE
LOS ANGELES, CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: CCE

TAT: NORM - 24HR - 48HR
LARWQCB EDF - YES/NO NO
Page 5 of 6

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides POB EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-39-18"			7/15/15	Soil	✓										
PB-39-24"															
PB-39-30"															
PB-39-36"															
PB-36-6"												X		X	
PB-36-12"															
PB-36-18"															
PB-36-24"															
PB-36-30"															
PB-36-36"															
PB-35-6"															X
PB-35-12"															
PB-35-18"															
PB-35-24"															
PB-35-30"															
PB-35-36"															
PB-38-6"															X
PB-38-12"															
PB-38-18"															
PB-38-24"															
Relinquished By: <u>[Signature]</u>	Date/Time: <u>7/21/15</u>	Received By: <u>[Signature]</u>	Date/Time: <u>7/27/15</u>	NOTES:											
Relinquished By:	Date/Time:	Received By:	Date/Time:												

150727B

CHAIN OF CUSTODY RECORD



Site: CRENSHAW HIGH SCHOOL
 Address: 5010 11th AVENUE
LOS ANGELES, CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON
 Sampled By: ☐ MALVEY ☒ THOMPSON
 Laboratory: C&E

TAT: NORM - 24HR - 48HR
 LARWQCB EDF - YES / NO
 Page 6 of 96

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PPB EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-38-30"			7/21/15	Soil	4025										
PB-38-36"															
PB-41-6"												X		X	
PB-41-12"															
PB-41-18"															
PB-41-24"															
PB-41-30"															
PB-41-36"															
PB-43-6"															X
PB-43-12"															
PB-43-18"															
PB-43-24"															
PB-43-30"															
PB-43-36"															
PB-33-6"												X		X	
PB-33-12"															
PB-33-18"															
PB-33-24"															
PB-33-30"															
PB-33-36"															
Relinquished By:		Date/Time: 7/27/15		Received By:		Date/Time: 7/27/15		NOTES:							
Relinquished By:		Date/Time:		Received By:		Date/Time:									

CHAIN OF CUSTODY RECORD

C & E Lab

13824 Bentley Place, Cerritos CA 90703

Tel: (562) 926-8091

Fax: (562) 926-5940

C&E LAB ID

150727B

Company Name:	<u>Pinnacle</u>	Site Address:		Page	of
Project Manager:				Sample Conditions	
Project No./Name:				☐ Chilled ☐ Seals Intact	
Tel:		Fax:		Turn Around Time Desired	
		Sampled By:		Normal / Same Day / 24hr / 48hr	

[illegible]

Relinquished By:	Date/Time:	Received By:	Date/Time:	EDF Required: (circle) Yes No EDF Global ID No.: T
Relinquished By:	Date/Time:	Received By:	Date/Time:	Comments:

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

August 24, 2015

ELAP Certificate No: 2268

Mr. Keith Thompson
Pinnacle Env. Technologies
2 Santa Maria
Foothill Ranch, CA 92610

Project: Crenshaw High School
C&E ID: 150728B

Dear Mr. Thompson,

Enclosed is an analytical report for the sample(s) received by Chemical & Environmental Laboratories, Inc. on July 28, 2015 and analyzed as indicated in the attached chain-of-custody.

Unless otherwise noted, no problems were encountered during receiving, preparation and analysis of these samples.

Please contact me at (562) 926-8091 if you have any questions regarding this report.

Sincerely,

A handwritten signature in cursive script, appearing to read "Larry Zhang".

Larry Zhang, Ph.D.
Laboratory Director

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 6010B (Arsenic) ---

Client Name: Pinnacle Env. Technologies

Project Manager: Keith Thompson

Project Name: Crenshaw High School

Sample Matrix: Soil

Date Sampled: 07/28/15

Date Analyzed: 08/20/15

Date Reported: 08/20/15

Unit Reported: mg/kg or ppm

[illegible]

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 6010B (Arsenic) ---

Client Name: Pinnacle Env. Technologies

Project Manager: Keith Thompson

Project Name: Crenshaw High School

Sample Matrix: Soil

Date Sampled: 07/28/15

Date Analyzed: 08/21/15

Date Reported: 08/21/15

Unit Reported: mg/kg or ppm

[illegible]

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 6010B (Arsenic in Soil) ---

I. Laboratory Control Sample

Date Analyzed: 08/20/15

LCS ID: As150820LC

ANALYTE	LCS %	ACP %CL
Arsenic	98	70-130

II. Matrix Spike/Matrix Spike Duplicate

Date Analyzed: 08/20/15

QC Batch : As150820MS

ANALYTE	MS %	MSD %	RPD	ACP%CL	ACP RPD
Arsenic	98	99	1	70-130	20

III. Method Blank

Date Analyzed: 08/20/15

Unit: mg/kg

COMPOUND	REPORTING LIMIT	RESULT
Arsenic	1	ND

ND = Not detected at the indicated reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 6010B (Arsenic in Soil) ---

I. Laboratory Control Sample

Date Analyzed: 08/21/15

LCS ID: As150821LC

ANALYTE	LCS %	ACP %CL
Arsenic	93	70-130

II. Matrix Spike/Matrix Spike Duplicate

Date Analyzed: 08/21/15

QC Batch : As150821MS

ANALYTE	MS %	MSD %	RPD	ACP%CL	ACP RPD
Arsenic	96	94	2	70-130	20

III. Method Blank

Date Analyzed: 08/21/15

Unit: mg/kg

COMPOUND	REPORTING LIMIT	RESULT
Arsenic	1	ND

ND = Not detected at the indicated reporting limit.

CHAIN OF CUSTODY RECORD

150728B



Site: CRENSHAW HIGH SCHOOL
Address: 5010 11th AVENUE
LOS ANGELES, CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON

Sampled By: ☐ MALVEY ☒ THOMPSON

Laboratory: CVE

TAT: NORM - 24HR - 48HR

LARWQCB EDF - YES / NO

Page 1 of 1

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PCBs EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-37-6"			7/27/15	SOIL	4025							X		X	
PB-37-12"															
PB-37-18"															
PB-37-24"															
PB-37-30"															
PB-37-36"															
PB-40-6"												X		X	X
PB-40-12"															
PB-40-18"															
PB-40-24"															
PB-40-30"															
PB-40-36"															
PB-30-6"												X		X	
PB-30-12"															
PB-30-18"															
PB-30-24"															
PB-30-30"															
PB-30-36"															
PB-8-6"			7/28/15									X		X	
PB-8-12"															
Relinquished By: <u>[Signature]</u>		Date/Time: 7/28/15		Received By: <u>Grace Wang</u>			Date/Time: 7/28/15 12:00		NOTES:						
Relinquished By:		Date/Time:		Received By:			Date/Time:								

CHAIN OF CUSTODY RECORD

150728B



Site: CRENSHAW HIGH SCHOOL
Address: 5010 11th AVENUE
LOS ANGELES, CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: CCE

TAT: NORM 24HR - 48HR
LARWQCB EDF - YES/NO NO

Page 2 of 8

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides POB EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 6010
PB-8-18"			7/28/15	SOIL	402J										
PB-8-24"															
PB-8-30"															
PB-8-36"															
PB-3-6"												X		X	X
PB-3-12"															
PB-3-18"															
PB-3-24"															
PB-3-30"															
PB-3-36"															
PB-4-6"															X
PB-4-12"															
PB-4-18"															
PB-4-24"															
PB-4-30"															
PB-4-36"															
PB-5-6"												X		X	X
PB-5-12"															
PB-5-18"															
PB-5-24"															
Relinquished By: <u>[Signature]</u>	Date/Time: <u>7/28/15</u>	Received By: <u>Grace Wang</u>	Date/Time: <u>7/28/15 12:15</u>	NOTES:											
Relinquished By:	Date/Time:	Received By:	Date/Time:												

CHAIN OF CUSTODY RECORD

150728B



Site: CRENSHAW HIGH SCHOOL
Address: 5010 11th AVENUE
LOS ANGELES, CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON

Sampled By: ☐ MALVEY ☒ THOMPSON

Laboratory: CVE

TAX: NORM - 24HR - 48HR

LARWQCB EDF - YES/NO ☒

Page 3 of 8

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PEST EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-5-30"			7/28/15	Soil	402J										
PB-5-36"															
PB-12-6"												X		X	
PB-12-12"															
PB-12-18"															
PB-12-24"															
PB-12-30"															
PB-12-36"															
PB-13-6"												X		X	X
PB-13-12"															
PB-13-18"															
PB-13-24"															
PB-13-30"															
PB-13-36"															
PB-18-6"												X		X	
PB-18-12"															
PB-18-18"															
PB-18-24"															
PB-18-30"															
PB-18-36"															
Relinquished By: <u>[Signature]</u>		Date/Time: <u>7/28/15</u>	Received By: <u>Grace Wang</u>				Date/Time: <u>7/28/15 12:4</u>				NOTES:				
Relinquished By:		Date/Time:	Received By:				Date/Time:								

CHAIN OF CUSTODY RECORD

150728B



Site: CRENSHAW HIGH SCHOOL
 Address: 5010 11TH AVENUE
LOS ANGELES, CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON

Sampled By: ☐ MALVEY ☒ THOMPSON

Laboratory: CCE

TAT: NORM - 24HR - 48HR

LARWQCB EDF - YES / ☒ NO

Page 4 of 8

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides POB EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 6010
PB-25-6"			7/28/15	Soil	4025										X
PB-25-12"															
PB-25-18"															
PB-25-24"															
PB-25-30"															
PB-25-36"															
PB-32-6"															X
PB-32-12"															
PB-32-18"															
PB-32-24"															
PB-32-30"															
PB-32-36"															
PB-27-6"												X		X	X
PB-27-12"															
PB-27-18"															
PB-27-24"															
PB-27-30"															
PB-27-36"															
PB-28-6"															X
PB-28-12"															
Relinquished By: <u>[Signature]</u>		Date/Time: <u>7/28/15</u>		Received By: <u>Grace Wang</u>		Date/Time: <u>7/28/15-12:15</u>		NOTES:							
Relinquished By:		Date/Time:		Received By:		Date/Time:									

CHAIN OF CUSTODY RECORD

150728B



Site: CRENSHAW HIGH SCHOOL
Address: 5010 11th AVENUE
LOS ANGELES, CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: CCE

TAT: NORM - 24HR - 48HR
LARWQCB EDF - YES/NO ☒
Page 5 of 8

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides POB EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 010 6010
PB-28-18"			7/28/15	Soil	4025										
PB-28-24"															
PB-28-30"															
PB-28-36"															
PB-20-6"												X		X	
PB-20-12"															
PB-20-18"															
PB-20-24"															
PB-20-30"															
PB-20-36"															
PB-24-6"															X
PB-24-12"															
PB-24-18"															
PB-24-24"															
PB-24-30"															
PB-24-36"															
PB-23-6"												X		X	X
PB-23-12"															
PB-23-18"															
PB-23-24"															
Relinquished By: <u>[Signature]</u>	Date/Time: <u>7/28/15</u>	Received By: <u>Grace Wang</u>	Date/Time: <u>12/28/15</u>	NOTES:											
Relinquished By:	Date/Time:	Received By:	Date/Time:												

CHAIN OF CUSTODY RECORD

150728B



Site: CRENSHAW HIGH SCHOOL
 Address: 5010 11th AVENUE
LOS ANGELES, CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON
 Sampled By: ☐ MALVEY ☒ THOMPSON
 Laboratory: CCE

TAT: NORM - 24HR - 48HR
 LARWQCB EDF - YES / NO
 Page 6 of 8

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides POB EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 6010
PB-23-30"			7/28/15	Soil	J										
PB-23-36"															
PB-29-6"												X		X	X
PB-29-12"															
PB-29-18"															
PB-29-24"															
PB-29-30"															
PB-29-36"															
PB-10-6"															X
PB-10-12"															
PB-10-18"															
PB-10-24"															
PB-10-30"															
PB-10-36"															
PB-16-6"															X
PB-16-12"															
PB-16-18"															
PB-16-24"															
PB-16-30"															
PB-16-36"															
Relinquished By: <u>[Signature]</u>		Date/Time: <u>7/28/15</u>	Received By: <u>Grace Wang</u>				Date/Time: <u>7/28/15</u>				NOTES:				
Relinquished By:		Date/Time:	Received By:				Date/Time:								

CHAIN OF CUSTODY RECORD

150728B



Site: CRENSHAW HIGH SCHOOL

Project Manager: ☐ MALVEY ☒ THOMPSON

TAT: NORM - 24HR - 48HR

Address: 5010 11th AVENUE

Sampled By: ☐ MALVEY ☒ THOMPSON

LARWQCB EDF - YES/NO ☒

LOS ANGELES, CALIF.

Laboratory: CCE

Page 7 of 8

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides POB EPA 8081/8082	Title 22 Metals	LEAD 6010	ARSENIC 6010	
PB-15-6"			7/28/15	Soil	8025											X
PB-15-12"																
PB-15-18"																
PB-15-24"																
PB-15-30"																
PB-15-36"																
PB-22-6"																X
PB-22-12"																
PB-22-18"																
PB-22-24"																
PB-22-30"																
PB-22-36"																
PB-7-6"																X
PB-17-12"																
PB-17-18"																
PB-17-24"																
PB-17-30"																
PB-17-36"																
PB-17-6"																X
PB-11-6"																X
Relinquished By:	Date/Time: 7/28/15	Received By: Grace Wang	Date/Time: 7/28/15	NOTES:												
Relinquished By:	Date/Time:	Received By:	Date/Time:													

150.728B



Project Manager: ☐ MALVEY ☒ THOMPSON

Address: 5010 11th AVENUE

Sampled By: ☐ MALVEY ☒ THOMPSON

LARWQCB EDF - YES / ☒ NO

LOS ANGELES CALIF.

Laboratory: CEF

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[illegible]

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

October 15, 2015

ELAP Certificate No: 2268

Mr. Keith Thompson
Pinnacle Env. Technologies
2 Santa Maria
Foothill Ranch, CA 92610

Project: Crenshaw HS
C&E ID: 151002D

Dear Mr. Thompson,

Enclosed is an analytical report for the sample(s) received by Chemical & Environmental Laboratories, Inc. on October 2, 2015 and analyzed as indicated in the attached chain-of-custody.

Unless otherwise noted, no problems were encountered during receiving, preparation and analysis of these samples.

Please contact me at (562) 926-8091 if you have any questions regarding this report.

Sincerely,

A handwritten signature in cursive script, appearing to read "Larry Zhang".

Larry Zhang, Ph.D.
Laboratory Director

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- EPA 6010 (Arsenic) ---

Client Name: Pinnacle Env. Technologies
Project Manager: Keith Thompson
Project Name: Crenshaw HS
Sample Matrix: Soil

Date Sampled: 10/02/15
Date Analyzed: 10/05/15
Date Reported: 10/13/15
Unit Reported: mg/kg or ppm

C&E LAB ID	SAMPLE ID	DF	RESULT	RL
151002D-1	PB47-0.5'	1	6	1
151002D-7	PB48-0.5'	1	9	1
151002D-13	PB49-0.5'	1	9	1
151002D-19	PB50-0.5'	1	ND	1
151002D-22	PB51-0.5'	1	3	1
151002D-25	PB52-0.5'	1	12	1
151002D-26	PB52-1.0'	1	5	1
151002D-29	PB53-0.5'	1	19	1
151002D-30	PB53-1.0'	1	25	1
151002D-31	PB53-1.5'	1	7	1
151002D-32	PB54-0.5'	1	11	1
151002D-36	PB55-0.5'	1	23	1
151002D-37	PB55-1.0'	1	30	1
151002D-38	PB55-1.5'	1	18	1
151002D-39	PB56-0.5'	1	21	1
151002D-40	PB56-1.0'	1	ND	1
151002D-45	PB57-0.5'	1	1	1

ND = Not detected at the indicated reporting limit; DF = Dilution Factor; RL = Reporting limit.

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

--- EPA 6010B (Arsenic in Soil) ---

I. Laboratory Control Sample

Date Analyzed: 10/05/15

LCS ID: As151005LC

ANALYTE	LCS %	ACP %CL
Arsenic	104	70-130

II. Matrix Spike/Matrix Spike Duplicate

Date Analyzed: 10/05/15

QC Batch : As151005MS

ANALYTE	MS %	MSD %	RPD	ACP%CL	ACP RPD
Arsenic	106	105	1	70-130	20

III. Method Blank

Date Analyzed: 10/05/15

Unit: mg/kg

COMPOUND	REPORTING LIMIT	RESULT
Arsenic	1	ND

ND = Not detected at the indicated reporting limit.

CHAIN OF CUSTODY RECORD

151002D



Site: CRENSHAW HS
Address: 5010 11th AVENUE
LOS ANGELES CALIF.

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: C&E

TAT: NORM - 24HR - 48HR
LARWQCB EDF - YES ☒ NO
Page 1 of 3

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PCB's EPA 8081/8082	Title 22 Metals	Arsenic
PB47-0.5'			10/2/15	SOIL	J									X
PB47-1.0'														
PB47-1.5'														
PB47-2.0'														
PB47-2.5'														
PB47-3.0'														
PB48-0.5'														X
PB48-1.0'														
PB48-1.5'														
PB48-2.0'														
PB48-2.5'														
PB48-3.0'														
PB49-0.5'														X
PB49-1.0'														
PB49-1.5'														
PB49-2.0'														
PB49-2.5'														
PB49-3.0'														
PB50-0.5'														X
PB50-1.0'														
Relinquished By: <u>[Signature]</u>		Date/Time: <u>10/4/15</u>	Received By: <u>[Signature]</u>				Date/Time: <u>10/2/15</u>				NOTES: RUN NEXT SAMPLE IN BORING IF AS			
Relinquished By:		Date/Time:	Received By:				Date/Time:							

> 12 kg/kg.

CHAIN OF CUSTODY RECORD

151002B



Site: CRENSHAW HS

Project Manager: ☐ MALVEY ☒ THOMPSON

TAT: NORM 24HR - 48HR

Address: 5010 11th AVE

Sampled By: ☐ MALVEY ☒ THOMPSON

LARWQCB EDF - YES ☒ NO

LOS ANGELES, CALIF

Laboratory: CUE

Page 2 of 3

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PCB's EPA 8081/8082	Title 22 Metals	Arsenic
PB50-1.5'			10/2/15	Soil	J									
PB51-0.5'														X
PB51-1.0'														
PB51-1.5'														
PB52-0.5'														X
PB52-1.0'														
PB52-1.5'														
PB52-2.0'														
PB53-0.5'														X
PB53-1.0'														
PB53-1.5'														
PB54-0.5'														X
PB54-1.0'														
PB54-1.5'														
PB54-2.0'														
PB55-0.5'														X
PB55-1.0'														
PB55-1.5'														
PB56-0.5'														X
PB56-1.0'														

Relinquished By:	Date/Time: <u>10/2/15</u>	Received By: <u>Day 320</u>	Date/Time: <u>10/2/15</u>	NOTES:
Relinquished By:	Date/Time:	Received By:	Date/Time:	

151002D



Project Manager: ☐ MALVEY ☒ THOMPSON

Address: 5010 11th AVENUE
LOS ANGELES, CALIF

Sampled By: ☐ MALVEY ☒ THOMPSON

LARWQCB EDF - YES NO

Laboratory: *CC*

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