

Appendix A

Laboratory Analytical Reports





Date of Report: 03/25/2016

Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Client Project: 16-201-001

LAUSD Berendo MS **BCL Project:**

1608502 **BCL Work Order:** B230782 Invoice ID:

Enclosed are the results of analyses for samples received by the laboratory on 3/22/2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Tina Green Client Services Manager

Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

Report ID: 1000463823



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Total Concentrations (TTLC)	24
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Total Concentrations (TTLC)	25
1608502-05 - EB-12-00"	
Total Concentrations (TTLC)	26
1608502-06 - EB-08-00"	
Total Concentrations (TTLC)	27
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Report ID: 1000463823



Chain of Custody and Cooler Receipt Form for 1608502 Page 1 of 11

		TITE TO THE TITE T	American Description
			nation knowed
16-08503	354-5364		
Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 90815	Project: LAUSD Berendo MS		
Attn: Ben Morgan (ben.morgan@e2mt.com), Travis Stravasnik (tstravasnik@e2mt.com)	Project #: 16-201-001	(əti	
Sampler(s): Gabriella Valenzuela, Brian Covellone	Quote# "LAUSD Berendo MS PEA"	sodw	
Comments: 72 hour turnaround time Please analize soil for analysis from end of sample sleve with the <u>Red Cap.</u> for OCPs are to be composited at a 1.3 or 1.4 ratio (e.g. Sample C1 is to consist of subsamples marked C1a, C1b, C1c, C1d).	Samples narked C1a, C1b, C1c, C1d).	EPA 6010B EPA 6010B S 8081A (Col	
Lab# , sample ID	Date & Time	- sinser/	
5-1 EB- 79-00 "	2016 X)	d D	
B EB- 2 9-06 11 -12	110 (c) 3/21/2016 X	×	
61- 121-62 -83 pl-	110 S 3/21/2016 X	×	
-19 EB- 29-18" -14	1 3/21/2016 X	×	
51- , h 2 -62 -83 1-	1103 3/21/2016 x	×	
1. "05-85 " -12	x 3/21/2016 x	X	
00-01	×	X X Gb - 110	
10-06		×	
., 21_91	3/21/2016 x	X	
-20 EB-10-18" 19	1,70cl 3/21/2016 X	×	
1) 12-01-83 P.	(₹05 3/21/2016 X	X	
-89 EB- 14 -30" , 21	x 3/21/2016 x	X	
-17-AEB- 11-00"		X X Bc 1-10	
Relinquished By: My Ul	Received By BC L	Lay C Date and Times	3/22/16 1:55
Relinquished By:		Date and Tune;	7021 91-2
Kelinquished by:	Received By://	Date and Time	Date and Time: 22 46 2040

Report ID: 1000463823 Page 3 of 39



Chain of Custody and Cooler Receipt Form for 1608502 Page 2 of 11

	4100 Atids Coult, pakel sileiu, CA 35500		Phone (661) 327-4911 FAX (661) 327-1918	1918			CHAIN OF CLICTORY	
			(2C / 2E)	27.77			CHAIN OF COSTODY	
	Project Information		Matrix			đ	Analysis Requested	
Name: E2Managetech, Inc. $^{\prime}_{C}$	-0380-	Phone: 562-277-3212, 8: 354-5364	858-					
Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 9087	CA 90815	Project: LAUSD Berendo MS		w u man		·		
Attn: Ben Morgan (ben.morgan@e2mt.com), Travis Stravasnik (tstravasnik@e2mt.com)	. Stravasnik	Project #: 16-201-001			(91i			
Sampler(s): Gabriella Valenzuela, Brian Covellone	Well-out to the second	Quote# "LAUSD Berendo MS PEA"	T <u>.</u>		sodw			
Comments: 72 hour turnaround time Please analize soil for analysis from end of sample sleve with the Red Cap. Samples for OCPs are to be composited at a 1:3 or 1:4 ratio (e.g. Sample C1 is to consist of subsamples marked C1a, C1b, C1c, C1d).	leve with the Red Cap. e.g. Sample C1 is to consist of s	Samples subsamples marked C1a, C1b, C1c, C1d).	des	PA 6010B	o2) A1808 A9	2808 Aq≘		
Lab#	Sample ID	Date & Time Sampled	Soil			HOIQ bCB? – I		
12-13 EB-11-06"	777	3/21/2016				×		
8 - 24 EB- 11-17.	227	12/8	3/21/2016 X			×	V	
4-25 EB- 11-18"	ት ገ -		3/21/2016 X			×		
5.20 EB- 11-24:	ر ۳۶	12/8 3/21/	3/21/2016 X			×		
6-3 EB- 11-30"	41.	1707 3/21/2016	,2016 X			×		
-4 -8 EB-09-00"		/12/8 3/2/1	3/21/2016 X	×	B	19-10	418231 OI-	
1 -36 EB- 09-06"	-17	17.70 3/21/	3/21/2016 X			×		
12-60-93 BE-8	. 18	1717 3/21/2016	,2016 X			×		
19-30 EB-09-18"	- 29	1718 3/21/	3/21/2016 X			×		
0	- 30	1717 3/21/2016	,2016 X			×		
. 30 EB- 09-30"	14,	1216 3/21/2016	,2016 X			×		
-54 EB- 17-00."		3/21/2016 3/21/2016	/2016 X	×	3	01-8-	01:	
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Kelinquished By:	Received	- JAN John				Date and 1	Date and Time: 2040	

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Chain of Custody and Cooler Receipt Form for 1608502 Page 3 of 11

	OCPs - EPA 8081A (Composite) PCBs - EPA 8082
	OCPs - EPA 8081A (Composite) PCBs - EPA 8082 Mold
Containing Project: LAUSD Berendo MS Project: LAUSD Berendo MS Pearl	OCPs - EPA 8081A (Composite) PCBs - EPA 8082 Mold Mold
2	OCPs - EPA 8081A (Composite) PCBs - EPA 8082 Mold
5	OCPs - EPA 8081A (Compos
2	OCPs - EPA 8081A (Co
FB-	OCPs - P
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\$\$\frac{1}{12}\$\fr	×
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38 EB 08-12 34 177, 3/21/2016 x 175,	C24 -VB
38 EB-08-12 -37 1750 3/21/2016 x 3/21/2016	
39 EB 08-18" 38 121/2016 x	×
46 EB- GB - 74 , 258 3/21/2016 X	×
	×
F121 08-80	9
07-66" X X C26 J	C20 -10-11
14- 1,50-20	×
- 43 EB-07-12" x 3/21/2016 x "21-504 3/21/2016 x	×
EB-07+18" -43	***
July Under Received By W. Word Be Cals	Date and Time: \$12715- 1:55
The World of the Received Billy	Date and Type: 2- (300)
Relinquished By: / / / / Date and Time Date and Time	Date and Time: 3.72-16 2040

Report ID: 1000463823 Page 5 of 39



Chain of Custody and Cooler Receipt Form for 1608502 Page 4 of 11 CHAIN OF CUSTODY Date and Time: 🦪 \$ X X X × × X рон X × X À PCBs - EPA 8082 × Š 0 OCPs - EPA 8081A (Composite) 2 Arsenic - EPA 6010B × × Phone (661) 327-4911 FAX (661) 327-1918 80109 A93 - bss. Sample Matrix lios 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 858-Please analize soil for analysis from end of sample sleve with the <u>Red Cap.</u> for OCPs are to be composited at a 1:3 or 1:4 ratio (e.g. Sample C1 is to consist of subsamples marked C1a, C1b, C1c, C1d). Date & Time Sampled Quote# "LAUSD Berendo MS PEA" 442 1745 Project: LAUSD Berendo MS 842 17 4n 6521 123 4421 7221 141 747 Phone: 562-277-3212, Project #: 16-201-001 354-5364 4100 Atlas Court, Bakersfield, CA 93308 Received By: **Comments**: 72 hour turnaround time Please analize soil for analysis from end of sample sleve with the <u>Red Cap.</u> Project Information 53 571 148 2 Š 62 Sample ID 271 アナ 5 Attn: Ben Morgan (ben.morgan@e2mt.com), Travis Stravasnik Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 9081! Sampler(s): Gabriella Valenzuela, Brian Covellone 12-50 5 ~ 30 45-FO 66-13" 90.90 21-90 62-50 8 02-00 90-50 21-50 150 99 90 BC LABORATORIES, INC \mathcal{O} Vame: E2Managetech, Inc ස ස Relinquished By Lab# 49

Report ID: 1000463823 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 6 of 39



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Chain of Custody and Cooler Receipt Form for 1608502 Page 5 of 11

BC LABORATORIES INC.					T FORM	T		Page		
Submission #: /6-08502				1	OLUBBINO.	CONTA	INIED		FREE LIQ	HID
SHIPPING INFORI Fed Ex UPS Ontract BC Lab Field Service Other		d Delivery		Ice C	SHIPPING nest 🕅 her 🗀 (Spo	None	Box 🗆	12	YES D N	
Refrigerant: Ice A Blue Ice	None		Other 🗆	Com	ments:					
Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐	Containe	688.5 (620-77)	None	y∆ Cor	mments:					
	All samples							tch COC? Y	es 🗆 No	
~A	ssivity:	•			C)		208 °c	Date/Tim	ne <u>3 - 22 - 1(</u> nit <u>27</u>	2029
						E NUMBERS	3			
SAMPLE CONTAINERS	13	1 18	271	281	1298	308	3/	1 150	A51	165
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES		 	ļ	<u> </u>						
2oz Cr* ⁶			,	ļ					- '\	
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 40z / 80z / 160z										
PT CYANIDE										ļ
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
20z. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL						<u> </u>				
QT EPA 1664					<u> </u>	<u> </u>				
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
OT EPA 508/608/8080										
QT EPA 515.1/8150	1									
QT EPA 525										
QT EPA 525 TRAVEL BLANK	I									
40ml EPA 547	1									
40ml EPA 531.1	T									
80z EPA 548	T									
QT EPA 549	1									
QT EPA 8015M	1									
QT EPA 8270	T									
80z/160z/32oz AMBER	1									
80z / 160z / 320z JAR	1	Ι .								
SOIL SLEEVE XOD	A	A	A	A	A	A	A		H	A
PCB VIAL	I		1							
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Chain of Custody and Cooler Receipt Form for 1608502 Page 6 of 11

BC LABORATORIES INC.			COOLE	RECEIP	T FORM			Pa	igeZ/	Of =
Submission #: 15 - 08507									•	-
SHIPPING INFOR				T	SHIPPING	CONTA	INFR	T	FREE L	IOUID
Fed Ex ☐ UPS ☐ Ontrac	☐ Har	nd Delive	ry 🗆	Ice C	nest 🔯	None	Box [1	YES □	
BC Lab Field Service 🚫 Other	☐ (Specif	y)		Ot	ner 🗀 (Spo	ecify)				
. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \										
Refrigerant: Ice 🖄 Blue Ice [Other [1 .	ments:					
Custody Seals Ice Chest □ Intact? Yes □ No □	Contain			e XD Cor	nments:					
All samples received? Yes No □	All samples	containe	rs intact?	Yes 🛮 N	o 🗆	Descrip	otion(s) ma	tch COC?	Yes 1	ó 🗆
COC Received Em	issivity:	95	Container	31 Steen	Thermor	neter ID: _	208	Date/T	ime 3.22.	16 2029
YES INO	omnoratur	/ ^ \	10	· °C /	(c) /	1	°C	Analys	t Init	n 2029
/	T	2. (A)	1.0		10,7	<u> </u>		Tritalye		
SAMPLE CONTAINERS		al	تر الم	4		E NUMBERS		7		
OT DE IMMES	 15	3 15	4 60	44	5	6	7	8	9	10
QT PE UNPRES 4oz/8oz/16oz PE UNPRES	1		1	1			†	1		
2oz Cr*6	1	1	1				-		1	
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 40z / 80z / 160z										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE							 	ļ]
202. NITRATE / NITRITE	_	 	_	ļ	1	ļ				
PT TOTAL ORGANIC CARBON	 		<u> </u>	 	 	ļ	ļ	 	 	-
PT CHEMICAL OXYGEN DEMAND	 	 		 	 			 	-	
PIA PHENOLICS	 	 	 	ļ			 	 	-	+
Oml VOA VIAL TRAVEL BLANK	 	 	+					 	-	+
Oml VOA VIAL	 	 	+	 	 		 	 	 	$+\parallel$
OT EPA 1664 PT ODOR	†	-	†		 		-	 	1	1
ADIOLOGICAL	1	 	1	 	1		 		T	1
ACTERIOLOGICAL	<u> </u>		1	 		·				1 1
0 ml VOA VIAL- 504	i e	İ								
OT EPA 508/608/8080										
PT EPA 515.1/8150										
OT EPA 525										
T EPA 525 TRAVEL BLANK			<u> </u>							
Oml EPA 547									ļ	
Óml EPA 531.1	 		ļ							
oz EPA 548	 		ļ						 	1
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02/1602/3202 AMBER 02/1602/3202 JAR			 , 							
OIL SLEEVE XOO	A	A	ATTOA 3	72/14					<u> </u>	
CB VIAL	''-		1	69						
LASTIC BAG										
EDLAR BAG										
ERROUS IRON										
NCORE										
MART KIT										
JMMA CANISTER										
			<u> </u>							



Chain of Custody and Cooler Receipt Form for 1608502

					<u> </u>					
BC LABORATORIES INC.			COOLER	DECEI	T FORM				7	a. 5
LI AGERA		·	COOLER	NECEIP	1 FURIV	<u> </u>		P	age 5	_0f_7
Submission #: \(\bigcup -00500\)				- ₁						
SHIPPING INFORM					SHIPPIN	G CONT			FREE L	.IQUID
Fed Ex UPS Ontrac Other Other	□ Han □ (Specif	d Delive	ry 🗆	Ice C	hest 🕅	None	□ Box □]	YES 🗆	NO 🗆
other	(Specii	y /		Ut	ner ⊔ (S	pecify)		- 1		
Refrigerant: Ice 🖄 Blue Ice □	None	, n	Other 🗆	C						
TENTAL PROPERTY IN					ments:					
	Contain		None	y⊈ Cor	nments:			6		
All samples received? Yes □ No □ A	II samples	container	s intact? Y	es 🗇 N	• D	Desci	ription(s) ma	tch COC?	Yes 🗆 🕦	<u>.</u> .
						meter ID:	208	12.0	2.27	16 n 2029
~								Date/1	ime 5-72	2029
Te	mperature	: (A)	<u>1.5.</u>	°C /	(c)	·6	°C	Analys	st Init	
					SAMP	LE NUMBER	s			
SAMPLE CONTAINERS	3/-	112	13	1 4	15	16	7	8	T 9	T 40
T PE UNPRES	U V	3/1/4			1 "	1	 	†	1 -	10
oz/8oz/16oz PE UNPRES	7							1		
)z [*] Cr*6						1		T	1.	.
T INORGANIC CHEMICAL METALS										
ORGANIC CHEMICAL METALS 40z / 80z / 160z							T "/ "	1	1	
Γ CYANIDE		•			HK EV	. 219.87		-N		
r nitrogen forms				- Allerin	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1000	A w		3/	
T TOTAL SULFIDE				1	102	INATA	C 15/ No. 150	6	straphagi au	
z. NITRATE / NITRITE				L	\bigcup	No or the second se	aug-OU	appearance of production		
TOTAL ORGANIC CARBON										
' CHEMICAL OXYGEN DEMAND										
A PHENOLICS										
ml VOA VIAL TRAVEL BLANK										
ni VOA VIAL										
'EPA 1664										
ODOR					***************************************	ļ				
DIOLOGICAL					***************************************	ļ				
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nl VOA VIAL- 504							 		<u> </u>	
EPA 508/608/8080										
EPA 515.1/8150										
EPA 525						···				
EPA 525 TRAVEL BLANK									ļ	
1 EPA 547									ļ	
I EPA 531.1							ļļ			
EPA 548										
EPA 549										
EPA 8015M										
160z/32oz AMBER										
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SLEEVE VO2	131	1	A.	4				\	'	
VIAL	0	4	10	T-+	A	A		the	-A	
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ients:			,					2//		
e Numbering Completed By: ctual / C = Corrected	JOL			Date/Time	50	3-16	S:\WPDoc\Word		Rev 20 07	



Chain of Custody and Cooler Receipt Form for 1608502 Page 8 of 11

Submission #: 16-0850	12		COOLE	R RECEIF	T FORM			P	age 4	Of 🗦
	D11127101									
SHIPPING INFO Fed Ex □ UPS □ Ontra BC Lab Field Service ♥ Oth		nd Deliv	ery 🗆	Ice C	hest 🛛	G CONT. None (□ Box [] 	FREE LI YES 🗆	
Refrigerant: Ice 🖄 Blue Ice	□ Nor	ne 🗆	Other 🗆	Con	nments:				1	
Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐	Contail			e Co	mments:			λ		/
All samples received? Yes ☑ No □	All sample	s contain	ers intact?	Yes	lo 🗆	Desci	rintion(s) ma	atch COC	Yes No	
COC Baselinad	missivity:	293	0.95	5/0/10	IN The		108	1	Time 3:22	((-
COC Received E	illissivity.	3	Container	2010 1CC			200	Date/	Time 5.42	2029
DYYES □ NO	Temperatur	e: (A)	0.7.	°C /	(C)	0.8	°C	Analy	st Init	700,
					SAME	LE NUMBER	s			
SAMPLE CONTAINERS	1	2	1,54	1	- 86			7 18	1 10	2010
QT PE UNPRES	T i	+	 / _ 	1 /2	1 2				19	1000
40z / 80z / 160z PE UNPRES	1			1	1			1		
2oz Cr+6		- ·	1	1				_	1.	
QT INORGANIC CHEMICAL METALS	1		 	1	1				 	
INORGANIC CHEMICAL METALS 40z / 80z / 16	77	1			 			 		+
PT CYANIDE		1	1	1	 	 		 		1
PT NITROGEN FORMS		 	+	1	1			+		
PT TOTAL SULFIDE		 			 					-
Poz. NITRATE / NITRITE		1	1	†	+	 	-			1
PT TOTAL ORGANIC CARBON	1	1	 		 	-		 		1
T CHEMICAL OXYGEN DEMAND		1	+		-			-		1
PA PHENOLICS		1		†	 			 		+
0ml VOA VIAL TRAVEL BLANK		1		 	 	-	 	 		++
0ml VOA VIAL	1	·	1		 		1	 		$+\parallel$
OT EPA 1664		1		 		 	1	 		1
T ODOR		 	1		1.	1	1	 	1	
ADIOLOGICAL	1						1	 	 	
ACTERIOLOGICAL						-	1	 	 	
) mi VOA VIAL- 504		1				·	1	 		
T EPA 508/608/8080	1	1				†	 	<u> </u>		
T EPA 515.1/8150	1	1				 	 		<u> </u>	
T EPA 525	1					†	1	 	1	
T EPA 525 TRAVEL BLANK	1					†	 	 	 	
ml EPA 547	1	 				_	 		 	
ml EPA 531.1						1	1		†	
z EPA 548	1					 	 			
Γ EPA 549	1	l				 	 		1	
Γ EPA 8015M										
Γ EPA 8270	1									
z/16oz/32oz AMBER					***************************************					
z / 160z / 320z JAR		Λ.	Δ	VIII.	-					
IL SLEEVE XOZ	A	A	1	A	1	A	A	A	A	A
B VIAL				, -			' '			
ASTIC BAG					**************************************					
DLAR BAG										
RROUS IRON										
CORE					W. H. J.					
ART KIT	1									
·	1	L								
MMA CANISTER			i i	1		1			[1	11



Chain of Custody and Cooler Receipt Form for 1608502 Page 9 of 11

BC LABORATORIES INC.	T 0		COOLER	RECEIP	T FORM			Pa	ige <u>S</u>	Of <u>7</u>
Submission #: (6-0850	00									
SHIPPING INF Fed Ex UPS Ont BC Lab Field Service Ot		nd Delive		Ice CI	nest 🕅	G CONTA None [pecify]	Box		FREE LI YES 🗆	
Refrigerant: Ice 🖄 Blue Ic	ce □ Non	ie 🗆	Other 🗆	Com	ments:				1	
Custody Seals Ice Chest ☐	Contain	ners □ □ No □	None	y∆ Con	nments:	*****		X	1	
All samples received? Yes ☐ No ☐	All sample:	s containe	s intact?	es N	0 🗆	Descri	ption(s) m	atch COC?	Yes No) []
COC Received ☐ YES ☐ NO	Emissivity:	29 3	Container:	Splea	C Therm	ometer ID:	208	Date/T	ime 3.22-	16 2029 2
SAMPLE CONTAINERS	3613	2/37/3	\$ <i>18813.</i>	43913		LE NUMBERS		UN 45×3	A YUNU	Mystery
QT PE UNPRES										
40z / 80z / 160z PE UNPRES										
20z Cr* ⁶		<u>'</u>	\ \		1					
QT INORGANIC CHEMICAL METALS										
NORGANIC CHEMICAL METALS 40z / 80z /	16oz			ward by						
PT CYANIDE										
PT NITROGEN FORMS										1
PT TOTAL SULFIDE										
Poz. NITRATE / NITRITE										1 1
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										1
PIA PHENOLICS							1			
Omi VOA VIAL TRAVEL BLANK					1			1		
Omi VOA VIAL					1				1	
OT EPA 1664					1.			1		
T ODOR							1			
RADIOLOGICAL							1			
ACTERIOLOGICAL						<u> </u>				
0 ml VOA VIAL- 504							1	-	1	+1
PT EPA 508/608/8080					1		†	 	 	
OT EPA 515.1/8150				***************************************		 		 	1	1
OT EPA 525		—				 	<u> </u>	 	 	1
PT EPA 525 TRAVEL BLANK		1				1	 	 	 	-
0ml EPA 547		-				 	 	 	 	1
Oml EPA 531.1						1		*	 	-
DZ EPA 548	I	1		***************************************		1			 	1
T EPA 549		1		***************************************	l	 	 	 	 	
T EPA 8015M		†			 	 	 	 	1	\vdash
T EPA 8270		 				 	l		 	
oz / 16oz / 32oz AMBER		 					<u> </u>	-	<u> </u>	-
		 				1	 	 	 	$+\parallel$
OZ / 160Z / 320Z JAR OIL SLEEVE Y(()	1	1	A	A	A	A	A	A	A	
CB VIAL	A-	IA	\A	' '	1	1/3	-	1,1	- 1	A
LASTIC BAG		1				†	 		 	
EDLAR BAG		†				 		†	 	
ERROUS IRON		 				 	 	 	 	
NCORE		 				 	 	+	 	
· · · · · · · · · · · · · · · · · · ·	_	 				 		 	 	
MART KIT		-				 		 		
UMMA CANISTER		1				I	l	1	1	1 1



Chain of Custody and Cooler Receipt Form for 1608502 Page 10 of 11

Submission #:	3781	1/	COOLE			1		Pag	ge 12	Of T
	DAMATION		_00							
SHIPPING INFO Fed Ex UPS Ontr BC Lab Field Service		nd Delive	ery 🗆	Ice C	SHIPPIN hest 🕅 her 🗀 (S		AINER Box [FREE LIC YES D	
Refrigerant: Ice 🖄 Blue Ice	e □ Non	ne 🗆	Other 🗆	Con	ments:				Λ	
Custody Seals Ice Chest I	Contair			Co	nments:			V		
All samples received? Yes ☐ No ☐	All sample:	s containe	rs intact?	Yes N	о <u>П</u>	Desci	ription(s) ma	atch COC?	Yes No	0
COC Received	Emissivity:	7.	Container			ometer ID:	208 °c	Date/Tir Analyst	ne <u>3 · 22 · 1(</u> Init <u>21</u>	2029
SAMPLE CONTAINERS					SAMI	PLE NUMBER			_	
OT DE INDOES	121	<u> 7 2</u>	2 3	74	<u> </u>	76_	13.	2 183	3 134	18.30
QT PE UNPRES 40z / 80z / 16oz PE UNPRES	_	 		 	+					
20z Cr*6	_	+	+	 	1				 	
OT INORGANIC CHEMICAL METALS		 	 ' 	 	+	_	-		- ``	
OT INORGANIC CHEMICAL METALS INORGANIC CHEMICAL METALS 40z / 80z / 10			1		+			-		
	302	1	+	 	 			-	 	
PT CYANIDE	_	1	+	 	 		_	+		
PT NITROGEN FORMS		+	+					-		
PT TOTAL SULFIDE 20z. NITRATE/NITRITE		-	 							
PT TOTAL ORGANIC CARBON		 	 		 			-		
PT TOTAL ORGANIC CARBON PT CHEMICAL OXYGEN DEMAND			 		 		-	-		
PIA PHENOLICS					 			1		
IOMI VOA VIAL TRAVEL BLANK		 	 		 			1		
Oml VOA VIAL		 	 		<u> </u>			-		
OT EPA 1664			 		 			 		
T ODOR		-	 		 			 		
ADIOLOGICAL					 			1		
ACTERIOLOGICAL			l		 	-		-		
0 ml VOA VIAL- 504						 				
T EPA 508/608/8080						-	-	 		
T EPA 515.1/8150							-			
T EPA 525	1	 				 				
T EPA 525 TRAVEL BLANK						 	 			
Oml EPA 547	- 	 					 			———————————————————————————————————————
oml EPA 531.1	1	l					-			
oz EPA 548							 			
T EPA 549										
T EPA 8015M	-					 	1	<u> </u>		
T EPA 8270	1					 	 			
z/16oz/32oz AMBER	1					-				
z / 160z / 32oz JAR						1	†			
DIL SLEEVE X02	A	A	A	A	Δ	A	A	A	A-T	A
CB VIAL	1/	.,		7.1	— <i>T</i> .)——	17.			, ,	
ASTIC BAG						1				
EDLAR BAG						1				
RROUS IRON	1				******************************					
CORE						1				
IART KIT	1					 				——
MMA CANISTER						 	 			
	- 1	- 1	1			i	1			- 11



Chain of Custody and Cooler Receipt Form for 1608502 Page 11 of 11

BC LABORATORIES INC.	72		COOLE	RECEIP	T FORM			Pag	ge <u> </u>	Of Z
Submission #: 16-085	00-				**************************************					
SHIPPING INFO					SHIPPING				FREE LIC	
Fed Ex □ UPS □ Ontra BC Lab Field Service ♥ Othe	c⊔ Ha er⊡(Speci	nd Delive fy)			hest ⊠ her □ (Spe		Box 🗆		YES 🗆 I	NO 🗆
Refrigerant: Ice 🖄 Blue Ice	□ Non	е 🗆	Other 🗆	Com	ments:				1	
Custody Seals Ice Chest I	Contair Intact? Yes	The state of the s	None	Cor	nments:	**			/	
All samples received? Yes No □	All samples	containe	s intact?	Yes N	o []	Descrip	otion(s) ma	tch COC?	Yes No	
COC Received E	missivity:	297	095 Container	Sigle	P Thermon	neter ID:	208	Poto/Tir	ne <u>3·22·1</u> (<u></u>
DYYES □ NO		7-	1					Date/III	$\sim \alpha$	2029
$\frac{2}{\sqrt{2}}$	Temperatur	e: (A)	0.7	°C /	(C) C	<u>. 0 </u>	°C	Analyst	Init//	
SAMPLE CONTAINERS	461	या≠	486	1491	SAMPLE 5	NUMBERS 6	7	8	T 9	10
QT PE UNPRES										,,,
40z/80z/160z PE UNPRES										
20z Cr ⁺⁶		•	\						- '\	
OT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 40z / 80z / 160	oz		<u> </u>	en Si e						
PT CYANIDE		_	 	ļ						
PT NITROGEN FORMS			ļ							
PT TOTAL SULFIDE										
20z. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON			ļ	ļ						
PT CHEMICAL OXYGEN DEMAND		-								
PIA PHENOLICS										
iomi voa vial travel blank										
0ml VOA VIAL		ļ		ļ						
OT EPA 1664		 			 					
T ODOR	-				<u> </u>					
ADIOLOGICAL										
ACTERIOLOGICAL		-								
0 ml VOA VIAL- 504										
PT EPA 508/608/8080		ļ			l					
T EPA 515.1/8150	- -									
T EPA 525	-}									
T EPA 525 TRAVEL BLANK	-									
)ml EPA 547)ml EPA 531.1	1				-					———
omi EPA 531.1 DZ EPA 548	1									
T EPA 549	1									
T EPA 8015M	1									
T EPA 8270	1									
z/16oz/32oz AMBER	1									
z / 160z / 320z JAR										
DIL SLEEVE XOO	A	A	A	A						
CB VIAL		-/-		-/-						
ASTIC BAG			+							
EDLAR BAG	1									
CRROUS IRON										
CORE										
TART KIT			i			- 1		- 1	ſ	ti
MMA CANISTER										



Reported:

5001 Airport Plaza Drive, Suite 260 Project: LAUSD Berendo MS Long Beach, CA 90815

Project Number: 16-201-001 Project Manager: Daryl Hernandez

03/25/2016 14:22

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608502-01	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 11:07
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-29-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608502-02	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:07
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-10-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	Janipieu by.		Sample Type.	
1608502-03	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:12
	Sampling Location:		Sample Depth:	
		EB-11-00"		Solids
	Sampling Point: Sampled By:		Lab Matrix: Sample Type:	Soil
	Sampled by.		Sample Type.	
1608502-04	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:21
	Sampling Location:		Sample Depth:	
		EB-09-00"		Solids
	Sampling Point:	 LB-09-00	Lab Matrix:	Soil
	Sampled By:		Sample Type:	
1608502-05	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:26
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-12-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	Sampled by.		Sample Type.	
1608502-06	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:32
	Sampling Location:		Sample Depth:	
		EB-08-00"		Solids
	Sampling Point:		Lab Matrix: Sample Type:	Soil
	Sampled By:		запіріе Туре:	
1608502-07	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:36
	-			
	Sampling Location:	 EB 07 00"	Sample Depth:	
	Sampling Point:	EB-07-00"	Lab Matrix:	Solids Soil
	Sampled By:		Sample Type:	JUII

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

03/25/2016 14:22 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608502-08	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:42
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-06-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	. ,		. ,,	
1608502-09	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:48
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-05-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	. ,		. ,,	
1608502-10	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:26
	Sampling Location:		Sample Depth:	
	Sampling Point:	Composite of C3 (A, B, C, D)	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	<u> </u>			
1608502-11	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:48
	Sampling Location:		Sample Depth:	
	Sampling Point:	Composite of C2 (A, B, C, D)	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608502-12	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 11:06
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-29-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608502-13	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 11:06
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-29-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608502-14	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 11:04
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-29-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

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E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

03/25/2016 14:22 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608502-15	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 11:03
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-29-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608502-16	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 11:02
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-29-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608502-17	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:06
	Sampling Location:		Sampling Date:	
		EB-10-06"		Solids
	Sampling Point:	EB-10-00	Lab Matrix:	Soil
	Sampled By:		Sample Type:	3011
1608502-18	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:05
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-10-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608502-19	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:04
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-10-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608502-20	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:03
	Sampling Location:		Sampling Date. Sample Depth:	
		EB-10-24"		Solids
	Sampling Point:		Lab Matrix:	Soil
	Sampled By:		Sample Type:	JUII
1608502-21	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:02
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-10-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

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5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

03/25/2016 14:22 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

1608502-22	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:11
	Sampling Location:		Sample Depth:	
		EB-11-06"	• •	Solids
	Sampling Point:		Lab Matrix:	Soil
	Sampled By:		Sample Type:	3011
1608502-23	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:10
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-11-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
608502-24	COC Number:		Receive Date:	03/22/2016 20:40
.000002-27				03/22/2016 20:40
	Project Number:		Sampling Date:	
	Sampling Location:	 ED 44 40!!	Sample Depth:	0-1:
	Sampling Point:	EB-11-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
608502-25	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:08
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-11-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608502-26	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:07
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-11-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
608502-27	COC Number:		Receive Date:	03/22/2016 20:40
				03/22/2016 20:40
	Project Number:		Sampling Date:	
	Sampling Location:	 FR 00 06"	Sample Depth:	 Colido
	Sampling Point:	EB-09-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
608502-28	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:19
	Sampling Location:		Sample Depth:	
		EB-09-12"		Solids
	Sampling Point: Sampled By:		Lab Matrix: Sample Type:	Soil

Report ID: 1000463823

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

03/25/2016 14:22 Reported:

Project: LAUSD Berendo MS Project Number: 16-201-001

Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608502-29	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:18
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-09-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608502-30	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:17
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-09-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	Odnipied by.		Cample Type.	
1608502-31	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:16
	Sampling Location:		Sample Depth:	
		EB-09-30"		Solids
	Sampling Point: Sampled By:		Lab Matrix: Sample Type:	Soil
	Sampled by.		Sample Type.	
1608502-32	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:25
	Sampling Location:		Sample Depth:	
		EB-12-06"		Solids
	Sampling Point:	LB-12-00 	Lab Matrix:	Soil
	Sampled By:		Sample Type:	
1608502-33	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:23
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-12-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	Sampled by.		Sample Type.	
1608502-34	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:22
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-12-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	Campieu by.		Sample Type.	
1608502-35	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:21
	Sampling Location:		Sample Depth:	
	. •	EB-12-30"		Solids
	Sampling Point:	EB-12-30 	Lab Matrix:	Soil
	Sampled By:		Sample Type:	JUII

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5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

03/25/2016 14:22 Reported:

Project: LAUSD Berendo MS Project Number: 16-201-001

Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

aboratory	Client Sample Information							
1608502-36	COC Number:		Receive Date:	03/22/2016 20:40				
	Project Number:		Sampling Date:	03/21/2016 12:31				
	Sampling Location:		Sample Depth:					
	Sampling Point:	EB-08-06"	Lab Matrix:	Solids				
	Sampled By:		Sample Type:	Soil				
1608502-37	COC Number:		Receive Date:	03/22/2016 20:40				
	Project Number:		Sampling Date:	03/21/2016 12:30				
	Sampling Location:		Sample Depth:					
	Sampling Point:	EB-08-12"	Lab Matrix:	Solids				
	Sampled By:		Sample Type:	Soil				
1608502-38	COC Number:		Receive Date:	03/22/2016 20:40				
	Project Number:		Sampling Date:	03/21/2016 12:29				
	Sampling Location:		Sample Depth:					
		 EB-08-18"		Solids				
	Sampling Point:		Lab Matrix:	Soilds				
	Sampled By:		Sample Type:	SUII				
1608502-39	COC Number:		Receive Date:	03/22/2016 20:40				
	Project Number:		Sampling Date:	03/21/2016 12:28				
	Sampling Location:		Sample Depth:					
	Sampling Point:	EB-08-24"	Lab Matrix:	Solids				
	Sampled By:		Sample Type:	Soil				
1608502-40	COC Number:		Receive Date:	03/22/2016 20:40				
	Project Number:		Sampling Date:	03/21/2016 12:27				
	Sampling Location:		Sample Depth:					
	Sampling Point:	EB-08-30"	Lab Matrix:	Solids				
	Sampled By:		Sample Type:	Soil				
1608502-41	COC Number:		Receive Date:	03/22/2016 20:40				
	Project Number:		Sampling Date:	03/21/2016 12:35				
	Sampling Location:		Sample Depth:					
	Sampling Point:	EB-07-06"	Lab Matrix:	Solids				
	Sampled By:			Soil				
	Janipieu by.		Sample Type:					
1608502-42	COC Number:		Receive Date:	03/22/2016 20:40				
	Project Number:		Sampling Date:	03/21/2016 12:34				
	Sampling Location:		Sample Depth:					
	Sampling Point:	EB-07-12"	Lab Matrix:	Solids				
	Sampled By:		Sample Type:	Soil				

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5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

03/25/2016 14:22 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information								
1608502-43	COC Number:		Receive Date:	03/22/2016 20:40					
	Project Number:		Sampling Date:	03/21/2016 12:33					
	Sampling Location:		Sample Depth:						
	Sampling Point:	EB-07-18"	Lab Matrix:	Solids					
	Sampled By:		Sample Type:	Soil					
1608502-44	COC Number:		Receive Date:	03/22/2016 20:40					
	Project Number:		Sampling Date:	03/21/2016 12:33					
	Sampling Location:		Sample Depth:						
	Sampling Point:	EB-07-24"	Lab Matrix:	Solids					
	Sampled By:		Sample Type:	Soil					
1608502-45	COC Number:		Receive Date:	03/22/2016 20:40					
	Project Number:			03/21/2016 20:40					
	•		Sampling Date:						
	Sampling Location:	 FD 00 00!!	Sample Depth:	Calida					
	Sampling Point:	EB-06-06"	Lab Matrix:	Solids					
	Sampled By:		Sample Type:	Soil					
1608502-46	COC Number:		Receive Date:	03/22/2016 20:40					
	Project Number:		Sampling Date:	03/21/2016 12:40					
	Sampling Location:		Sample Depth:						
	Sampling Point:	EB-06-12"	Lab Matrix:	Solids					
	Sampled By:		Sample Type:	Soil					
4000000 47				00/00/00/0					
1608502-47	COC Number:		Receive Date:	03/22/2016 20:40					
	Project Number:		Sampling Date:	03/21/2016 12:39					
	Sampling Location:		Sample Depth:						
	Sampling Point:	EB-06-18"	Lab Matrix:	Solids					
	Sampled By:		Sample Type:	Soil					
1608502-48	COC Number:		Receive Date:	03/22/2016 20:40					
- ••	Project Number:			03/21/2016 12:38					
	•		Sampling Date:						
	Sampling Location:	 EB-06-24"	Sample Depth:						
	Sampling Point:	LD-UU-2 4	Lab Matrix:	Solids Soil					
	Sampled By:		Sample Type:	JUII					
1608502-49	COC Number:		Receive Date:	03/22/2016 20:40					
	Project Number:		Sampling Date:	03/21/2016 12:37					
	Sampling Location:		Sample Depth:						
	Sampling Point:	EB-06-30"	Lab Matrix:	Solids					
	Jamping Funt.	00 00	Lau Wali IX.	Soil					

Report ID: 1000463823



Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

03/25/2016 14:22 Reported:

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Project: LAUSD Berendo MS

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608502-50	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:47
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-05-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608502-51	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:46
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-05-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608502-52	COC Number:		Receive Date:	03/22/2016 20:40
.000002 02	Project Number:		Sampling Date:	03/21/2016 12:45
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-05-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608502-53	COC Number:		Receive Date:	03/22/2016 20:40
1000302-33				03/22/2016 20:40
	Project Number:		Sampling Date:	
	Sampling Location:	EB-05-24"	Sample Depth: Lab Matrix:	Solids
	Sampling Point: Sampled By:		Sample Type:	Soil
1608502-54	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:43
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-05-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608502-55	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:24
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-12-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
			Sample Type.	

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03/25/2016 14:22 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Total Concentrations (TTLC)

BCL Sample ID:	1608502-01	Client Sampl	e Name:	Name: EB-29-00", 3/21/2016 11:07:00AM					
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Lead		19	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run						QC		
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/23/16	03/24/16 10:38	JCC	PE-OP3	0.917	BZC2448	

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5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

03/25/2016 14:22 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608502-02	Client Sampl	ient Sample Name: EB-10-00", 3/21/2016 12:07:00PM						
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		1.7	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		12	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run					QC			
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/23/16	03/24/16 10:40	JCC	PE-OP3	0.952	BZC2448	

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported: 03/25/2016 14:22 Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608502-03	Client Sample	e Name:	EB-11-00'	', 3/21/201	6 12:12:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		3.2	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		45	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
1	EPA-6010B	03/23/16	03/24/16 10:41	JCC	PE-OP3	0.990	BZC2448

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03/25/2016 14:22 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Total Concentrations (TTLC)

BCL Sample ID:	1608502-04	Client Sample	e Name:	EB-09-00'	', 3/21/201	6 12:21:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		ND	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		7.2	mg/kg	2.5	0.28	EPA-6010B	1000		1

	Run						QC				
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID				
1	EPA-6010B	03/23/16	03/24/16 10:42	JCC	PE-OP3	0.980	BZC2448				

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E2 Managetech 03/25/2016 14:22 Reported: 5001 Airport Plaza Drive, Suite 260 Project: LAUSD Berendo MS

Long Beach, CA 90815 Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608502-05	Client Sampl	e Name:	EB-12-00	", 3/21/201	6 12:26:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		2.4	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		38	mg/kg	2.5	0.28	EPA-6010B	1000		1

	Run						QC				
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID				
1	EPA-6010B	03/23/16	03/24/16 10:43	JCC	PE-OP3	0.952	BZC2448				

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5001 Airport Plaza Drive, Suite 260

03/25/2016 14:22 Reported:

Long Beach, CA 90815 Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

Project: LAUSD Berendo MS

BCL Sample ID:	1608502-06	Client Sampl	e Name:	EB-08-00	", 3/21/201	6 12:32:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		ND	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		6.6	mg/kg	2.5	0.28	EPA-6010B	1000		1

	Run						QC				
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID				
1	EPA-6010B	03/23/16	03/24/16 10:45	JCC	PE-OP3	1	BZC2448				

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Long Beach, CA 90815

E2 Managetech 03/25/2016 14:22 Reported: 5001 Airport Plaza Drive, Suite 260 Project: LAUSD Berendo MS

> Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608502-07	Client Sampl	e Name:	EB-07-00	EB-07-00", 3/21/2016 12:36:00PM				
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		0.50	mg/kg	1.0	0.40	EPA-6010B	500	J	1
Lead		11	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
1	EPA-6010B	03/23/16	03/24/16 10:46	JCC	PE-OP3	0.943	BZC2448

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03/25/2016 14:22 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Total Concentrations (TTLC)

BCL Sample ID:	1608502-08	Client Sample	e Name:	EB-06-00'	', 3/21/201	6 12:42:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		3.4	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		46	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
1	EPA-6010B	03/23/16	03/24/16 11:05	JCC	PE-OP3	0.926	BZC2449

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5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

03/25/2016 14:22 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608502-09	Client Sampl	e Name:	EB-05-00	", 3/21/201	6 12:48:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		2.5	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		21	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/23/16	03/24/16 11:23	JCC	PE-OP3	0.917	BZC2449	

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E2 Managetech 5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 03/25/2016 14:22 Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	1608502-10	Client Sampl	e Name:	Composit	Composite of C3 (A, B, C, D), 3/21/2016 12:26:00PM							
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #			
Aldrin		ND	mg/kg	0.0050	0.00018	EPA-8081A	1.4	A10	1			
alpha-BHC		ND	mg/kg	0.0050	0.00036	EPA-8081A		A10	1			
beta-BHC		ND	mg/kg	0.0050	0.00030	EPA-8081A		A10	1			
delta-BHC		ND	mg/kg	0.0050	0.00032	EPA-8081A		A10	1			
gamma-BHC (Lindane)		ND	mg/kg	0.0050	0.00032	EPA-8081A	4.0	A10	1			
Chlordane (Technical)		ND	mg/kg	0.50	0.023	EPA-8081A	2.5	A10	1			
4,4'-DDD		ND	mg/kg	0.0050	0.00047	EPA-8081A	1.0	A10	1			
4,4'-DDE		ND	mg/kg	0.0050	0.00057	EPA-8081A	1.0	A10	1			
4,4'-DDT		ND	mg/kg	0.0050	0.00088	EPA-8081A	1.0	A10	1			
Dieldrin		ND	mg/kg	0.0050	0.00042	EPA-8081A	8.0	A10	1			
Endosulfan I		ND	mg/kg	0.0050	0.00045	EPA-8081A		A10	1			
Endosulfan II		ND	mg/kg	0.0050	0.00071	EPA-8081A		A10	1			
Endosulfan sulfate		ND	mg/kg	0.0050	0.00032	EPA-8081A		A10	1			
Endrin		ND	mg/kg	0.0050	0.00062	EPA-8081A	0.2	A10	1			
Endrin aldehyde		ND	mg/kg	0.0050	0.00076	EPA-8081A		A10	1			
Heptachlor		ND	mg/kg	0.0050	0.00017	EPA-8081A	4.7	A10	1			
Heptachlor epoxide		ND	mg/kg	0.0050	0.00061	EPA-8081A		A10	1			
Methoxychlor		ND	mg/kg	0.0050	0.00066	EPA-8081A	100	A10	1			
Toxaphene		ND	mg/kg	0.50	0.064	EPA-8081A	5	A10	1			
TCMX (Surrogate)		36.5	%	20 - 130 (LC	CL - UCL)	EPA-8081A		A10	1			
Decachlorobiphenyl (Sur	rrogate)	67.8	%	40 - 130 (LC	CL - UCL)	EPA-8081A		A10	1			

			Run			QC					
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID				
1	EPA-8081A	03/23/16	03/24/16 09:07	KEP	GC-17	9.836	BZC2542				

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.

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Report ID: 1000463823 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 31 of 39

5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 03/25/2016 14:22 Project: LAUSD Berendo MS

Project Number: 16-201-001
Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	1608502-11	Client Sampl	e Name:	Composite of C2 (A, B, C, D), 3/21/2016 12:48:00PM							
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #		
Aldrin		ND	mg/kg	0.075	0.0027	EPA-8081A	1.4	A10	1		
alpha-BHC		ND	mg/kg	0.075	0.0054	EPA-8081A		A10	1		
beta-BHC		ND	mg/kg	0.075	0.0045	EPA-8081A		A10	1		
delta-BHC		ND	mg/kg	0.075	0.0048	EPA-8081A		A10	1		
gamma-BHC (Lindane)		ND	mg/kg	0.075	0.0048	EPA-8081A	4.0	A10	1		
Chlordane (Technical)		ND	mg/kg	7.5	0.34	EPA-8081A	2.5	A10	1		
4,4'-DDD		ND	mg/kg	0.075	0.0070	EPA-8081A	1.0	A10	1		
4,4'-DDE		ND	mg/kg	0.075	0.0086	EPA-8081A	1.0	A10	1		
4,4'-DDT		ND	mg/kg	0.075	0.013	EPA-8081A	1.0	A10	1		
Dieldrin		ND	mg/kg	0.075	0.0063	EPA-8081A	8.0	A10	1		
Endosulfan I		ND	mg/kg	0.075	0.0068	EPA-8081A		A10	1		
Endosulfan II		ND	mg/kg	0.075	0.011	EPA-8081A		A10	1		
Endosulfan sulfate		ND	mg/kg	0.075	0.0048	EPA-8081A		A10	1		
Endrin		ND	mg/kg	0.075	0.0093	EPA-8081A	0.2	A10	1		
Endrin aldehyde		ND	mg/kg	0.075	0.011	EPA-8081A		A10	1		
Heptachlor		ND	mg/kg	0.075	0.0026	EPA-8081A	4.7	A10	1		
Heptachlor epoxide		ND	mg/kg	0.075	0.0092	EPA-8081A		A10	1		
Methoxychlor		ND	mg/kg	0.075	0.0099	EPA-8081A	100	A10	1		
Toxaphene		ND	mg/kg	7.5	0.96	EPA-8081A	5	A10	1		
TCMX (Surrogate)		79.4	%	20 - 130 (LC	L - UCL)	EPA-8081A		A10	1		
Decachlorobiphenyl (Sur	rogate)	87.6	%	40 - 130 (LC	L - UCL)	EPA-8081A		A10	1		

	_		Run		QC					
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID			
1	EPA-8081A	03/23/16	03/24/16 09:19	KEP	GC-17	150	BZC2542			

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E2 Managetech 5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 03/25/2016 14:22 Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZC2542						
Aldrin	BZC2542-BLK1	ND	mg/kg	0.00050	0.000018	
alpha-BHC	BZC2542-BLK1	ND	mg/kg	0.00050	0.000036	
beta-BHC	BZC2542-BLK1	ND	mg/kg	0.00050	0.000030	
delta-BHC	BZC2542-BLK1	ND	mg/kg	0.00050	0.000032	
gamma-BHC (Lindane)	BZC2542-BLK1	ND	mg/kg	0.00050	0.000032	
Chlordane (Technical)	BZC2542-BLK1	ND	mg/kg	0.050	0.0023	
4,4'-DDD	BZC2542-BLK1	ND	mg/kg	0.00050	0.000047	
4,4'-DDE	BZC2542-BLK1	ND	mg/kg	0.00050	0.000057	
4,4'-DDT	BZC2542-BLK1	ND	mg/kg	0.00050	0.000088	
Dieldrin	BZC2542-BLK1	ND	mg/kg	0.00050	0.000042	
Endosulfan I	BZC2542-BLK1	ND	mg/kg	0.00050	0.000045	
Endosulfan II	BZC2542-BLK1	ND	mg/kg	0.00050	0.000071	
Endosulfan sulfate	BZC2542-BLK1	ND	mg/kg	0.00050	0.000032	
Endrin	BZC2542-BLK1	ND	mg/kg	0.00050	0.000062	
Endrin aldehyde	BZC2542-BLK1	ND	mg/kg	0.00050	0.000076	
	BZC2542-BLK1	ND	mg/kg	0.00050	0.000017	
Heptachlor epoxide	BZC2542-BLK1	ND	mg/kg	0.00050	0.000061	
Methoxychlor	BZC2542-BLK1	ND	mg/kg	0.00050	0.000066	
 Toxaphene	BZC2542-BLK1	ND	mg/kg	0.050	0.0064	
TCMX (Surrogate)	BZC2542-BLK1	92.6	%	20 - 13	0 (LCL - UCL)	
Decachlorobiphenyl (Surrogate)	BZC2542-BLK1	102	%	40 - 13		

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported: 03/25/2016 14:22 Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

	_		•		•		•				
								Control Limits			
				Spike		Percent		Percent		Lab	
Constituent	QC Sample ID	Type	Result	Level	Units	Recovery	RPD	Recovery	RPD	Quals	
QC Batch ID: BZC2542											
Aldrin	BZC2542-BS1	LCS	0.0045510	0.0050000	mg/kg	91.0		70 - 130			
gamma-BHC (Lindane)	BZC2542-BS1	LCS	0.0050760	0.0050000	mg/kg	102		60 - 140			
4,4'-DDT	BZC2542-BS1	LCS	0.0053640	0.0050000	mg/kg	107		60 - 140			
Dieldrin	BZC2542-BS1	LCS	0.0047833	0.0050000	mg/kg	95.7		70 - 130			
Endrin	BZC2542-BS1	LCS	0.0047083	0.0050000	mg/kg	94.2		60 - 140			
Heptachlor	BZC2542-BS1	LCS	0.0047960	0.0050000	mg/kg	95.9		60 - 140			
TCMX (Surrogate)	BZC2542-BS1	LCS	0.0087810	0.010000	mg/kg	87.8		20 - 130			
Decachlorobiphenyl (Surrogate)	BZC2542-BS1	LCS	0.020022	0.020000	mg/kg	100		40 - 130			

Report ID: 1000463823 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 34 of 39

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Reported: 03/25/2016 14:22

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

									Cont	rol Limits	<u>imits</u>		
		Source	Source		Spike			Percent		Percent	Lab		
Constituent	Type	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals		
QC Batch ID: BZC2542	Use	d client samp	ole: N										
Aldrin	MS	1305402-24	ND	0.0048756	0.0049505	mg/kg		98.5		50 - 140			
	MSD	1305402-24	ND	0.0047064	0.0050676	mg/kg	3.5	92.9	30	50 - 140			
gamma-BHC (Lindane)	MS	1305402-24	ND	0.0052376	0.0049505	mg/kg		106		50 - 140			
	MSD	1305402-24	ND	0.0055149	0.0050676	mg/kg	5.2	109	30	50 - 140			
4,4'-DDT	MS	1305402-24	ND	0.0058063	0.0049505	mg/kg		117		50 - 140			
	MSD	1305402-24	ND	0.0057625	0.0050676	mg/kg	0.8	114	30	50 - 140			
Dieldrin	MS	1305402-24	ND	0.0049818	0.0049505	mg/kg		101		40 - 140			
	MSD	1305402-24	ND	0.0052176	0.0050676	mg/kg	4.6	103	30	40 - 140			
Endrin	MS	1305402-24	ND	0.0049987	0.0049505	mg/kg		101		50 - 150			
	MSD	1305402-24	ND	0.0050932	0.0050676	mg/kg	1.9	101	30	50 - 150			
Heptachlor	MS	1305402-24	ND	0.0050670	0.0049505	mg/kg		102		60 - 140			
	MSD	1305402-24	ND	0.0048068	0.0050676	mg/kg	5.3	94.9	30	60 - 140			
TCMX (Surrogate)	MS	1305402-24	ND	0.0087611	0.0099010	mg/kg		88.5		20 - 130			
	MSD	1305402-24	ND	0.0099264	0.010135	mg/kg	12.5	97.9		20 - 130			
Decachlorobiphenyl (Surrogate)	MS	1305402-24	ND	0.021237	0.019802	mg/kg		107		40 - 130			
	MSD	1305402-24	ND	0.021874	0.020270	mg/kg	3.0	108		40 - 130			

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported:

03/25/2016 14:22

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZC2448						
Arsenic	BZC2448-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZC2448-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZC2449						
Arsenic	BZC2449-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZC2449-BLK1	ND	mg/kg	2.5	0.28	

4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 36 of 39 Report ID: 1000463823



E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815 Reported: 03/25/2016 14:22 Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

								Control L	imits	
				Spike		Percent		Percent		Lab
Constituent	QC Sample ID	Type	Result	Level	Units	Recovery	RPD	Recovery	RPD	Quals
QC Batch ID: BZC2448										
Arsenic	BZC2448-BS1	LCS	12.157	10.000	mg/kg	122		75 - 125		
Lead	BZC2448-BS1	LCS	114.54	100.00	mg/kg	115		75 - 125		
QC Batch ID: BZC2449										
Arsenic	BZC2449-BS1	LCS	11.690	10.000	mg/kg	117		75 - 125		
Lead	BZC2449-BS1	LCS	115.05	100.00	mg/kg	115		75 - 125		

Report ID: 1000463823 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 37 of 39

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815 Reported: 03/25/2016 14:22
Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

							•	•	Cont	rol Limits	•
		Source	Source		Spike			Percent		Percent	Lab
Constituent	Type	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals
QC Batch ID: BZC2448	Use	d client samp	ole: Y - Des	cription: EB	-31-00", 03/	21/2016 0	8:30				
Arsenic	DUP	1608501-01	1.8739	1.7650		mg/kg	6.0		20		
	MS	1608501-01	1.8739	12.049	10.000	mg/kg		102		75 - 125	
	MSD	1608501-01	1.8739	12.409	10.000	mg/kg	2.9	105	20	75 - 125	
Lead	DUP	1608501-01	31.858	30.427		mg/kg	4.6		20		
	MS	1608501-01	31.858	126.33	100.00	mg/kg		94.5		75 - 125	
	MSD	1608501-01	31.858	133.65	100.00	mg/kg	5.6	102	20	75 - 125	
QC Batch ID: BZC2449	Use	d client samp	ole: Y - Des	cription: EB	-04-00", 03/	21/2016 1	2:56				
Arsenic	DUP	1608503-01	2.9533	3.4481		mg/kg	15.5		20		
	MS	1608503-01	2.9533	14.498	10.000	mg/kg		115		75 - 125	
	MSD	1608503-01	2.9533	13.388	10.000	mg/kg	8.0	104	20	75 - 125	
Lead	DUP	1608503-01	38.777	35.397		mg/kg	9.1		20		
	MS	1608503-01	38.777	133.47	100.00	mg/kg		94.7		75 - 125	
	MSD	1608503-01	38.777	129.53	100.00	mg/kg	3.0	90.8	20	75 - 125	

Report ID: 1000463823 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 38 of 39

E2 Managetech Reported: 03/25/2016 14:22 5001 Airport Plaza Drive, Suite 260 Project: LAUSD Berendo MS

5001 Airport Plaza Drive, Suite 260 Project: LAUSD Berendo M Long Beach, CA 90815 Project Number: 16-201-001

Project Number: 16-201-001
Project Manager: Daryl Hernandez

Notes And Definitions

J Estimated Value (CLP Flag)

MDL Method Detection Limit

ND Analyte Not Detected

PQL Practical Quantitation Limit

A10 Detection and quantitation limits were raised due to matrix interference.

Report ID: 1000463823 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 39 of 39



Date of Report: 04/06/2016

Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Client Project: 16-201-001

LAUSD Berendo MS **BCL Project:**

1608501 **BCL Work Order:**

B230888, B231682 Invoice ID:

Enclosed are the results of analyses for samples received by the laboratory on 3/22/2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Tina Green Client Services Manager

Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101



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Chain of Custody and Cooler Receipt Form for 1608501 Page 1 of 14

			MINISTRA			An	Analysis Requested	uested		
Name: EZManagetech, Inc. $(6-0\%)$	50/ Phone: 562-277-3212,	-3212, 858-								
Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 90815	Project: LAUSD Berendo MS	Berendo MS								
Attn: Ben Morgan (ben.morgan@e2mt.com), Travis Stravasnik (tstravasnik@e2mt.com)	Project #: 16-201-001	1-001			(91is					
Sampler(s): Gabriella Valenzuela, Brian Covellone	Quote# "LAUSD i	Quote# "LAUSD Berendo MS PEA"		··	odw					
Comments: 72 hour turnaround time Sample sleve with the Red Cap. Samples on for analysis from end of sample sleve with the Red Cap. Samples for OCPs are to be composited at a 1:3 or 1:4 ratio (e.g. Sample C1 is to consist of subsamples marked C1a, C1b, C1c, C1d).	the <u>Red Cap.</u> ole C1 is to consist of subsamples marked C	Samples C1a, C1b, C1c, C1d).		- EPA 6010B	o) A1808 A9	Z808 Aq				
Lab# Sample ID	e ID		Soil		OCPs - E	Holq bCB2 – E			-	
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-18 EB-31-06"			×	ł .		×				
1,89-18-18 P		1	×			×				
,20 EB-31-24"			×			×				
-11 EB- 3(-30"		0838 3/21/2016	×			×				
- 2 EB- 1		6844 3/21/2016 4	×	×	×	-				
-6 EB-30-00"			×	×	C7B.	100 mg	1			
-11 (B-30-06")		3/21/2016	×			×				
22 EB- 30-12"			×			×				
	i	3/21/2016	×			×				
15 EB- 30 - 24"		6902 3/21/2016	×			×				
, 16 EB- 30-30い		3/21/2016	×			×				
-4 EB- 34 - COM		3/21/2016	×	×	ਲ	朝	. و			
Relinquished By: Sahl Ull	Received By	nd Be	Labs		۵	Date and Ti	V. iii	116		1:55
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Chain of Custody and Cooler Receipt Form for 1608501 Page 2 of 14

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Phones: 562-277-3212, BSS-	Phone: 562-277-3212, 858- 1564-5364 1564-5364 1564-5201-001 1564-5364 1564-5201-001 1564-5364 1564-5201-001 1564-520-5364 1564-5201-001 1564-520-5364 1564-5201-001 1564-520-5364 1564-5201-001 1564-520-5364 1564-5201-001 1564-520-5364 1564-5201-001 1564-520-5364 1564-520-5364 1564-5201-001 1564-520-5364 1564-5201-001 1564-520-5364 1564-5201-001		a.	roject information		sample Matrix		An	llysis Requeste	þ	
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Project # 16-201-001 Samples	Project: LAUSD Berendo MS Project: LAUSD Berendo MS		. 91	100	364			··			
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Quotee*"LubSD Berendo MS PEN" Samples	the Red Cap. 10 CL Is to consist of subsamples marked Cla, Clb, Clc, Cld). 2 Sample Sample Sample Sample Sample Sample Sample Sample Cla, Clb, Clc, Cld). 2 Sample ID 2 Sample Samp	n: Ben Morga ravasnik@e2r	in (ben.morgan@e2mt.com), Travis S nt.com)		t#: 16-201-001		ite)				
the Red Cab. Samples Date & Time Cit is to consist of subsamples marked Cia, Cib, Cib, Cib, Cib, Cib, Cib, Cib, Cib	the Red Cap. Samples Supples	npler(s): Gab	riella Valenzuela, Brian Covellone	Quote	# "LAUSD Berendo MS PEA"		sodu				
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Chain of Custody and Cooler Receipt Form for 1608501 Page 3 of 14

lame: EZManagetech, Inc. Ib - OFFO Iddress: 5001 Airport Plaza Dr, # 260, Long Beach, CA 90815 Actual Research Inc. Ib - OFFO Ittn: Ben Morgan Iben.morgan@e2mt.com , Travis Stravasnik Stravasnik@e2mt.com	Phone: 562-277-3212, 858- 354-3564 Project: LAUSD Berendo MS Project #: 16-201-001			
E2Managetech, Inc. Sis 5001 Airport Plaza Dr, # 260, Long Beach, CA 90 sis 5001 Airport Plaza Dr, # 260, Long Beach, CA 90 en Morgan (ben.morgan@e2mt.com), Travis Strav stsnik@e2mt.com) rifs): Gabriella Valenzuela, Brian Covellone nnts: 72 hour turnaround time analize soil for analysis from end of sample sleve w s are to be composited at a 1:3 or 1:4 ratio (e.g., S). Lab# $EB - \sum \sum - \sum^{ij} $ $EB - \sum \sum - \sum^{ij} $	62-277-3212, AUSD Berendo MS 16-201-001 LAUSD Berendo MS PE	Sample		Analysis Requested
Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 90815 ttn: Ben Morgan (ben.morgan@e2mt.com), Travis Stravasnik stravasnik@e2mt.com) ampler(s): Gabriella Valenzuela, Brian Covellone omments: 72 hour turnaround time lease analize soil for analysis from end of sample sleve with the Red Cap. or OCPs are to be composited at a 1:3 or 1.4 ratio (e.g. Sample ID Lab# Lab# Sample ID Sample ID Sample ID SA EB- 3 S - A "	Project: LAUSD Berendo MS Project #: 16-201-001 Quote# "LAUSD Berendo MS PEA"			
ttn: Ben Morgan (ben.morgan@e2mt.com), Travis Stravasnik stravasnik@e2mt.com) ampler(s): Gabriella Valenzuela, Brian Covellone omments: 72 hour turnaround time lease analize soil for analysis from end of sample sleve with the <u>Red Cap.</u> or OCPs are to be composited at a 1:3 or 1.4 ratio (e.g. Sample C1 is to consist Lab# Lab# EB- $3 \le - \mathcal{A} ^n$ Sample ID 34 EB- $3 \le - \mathcal{A} ^n$	Project #: 16-201-001 Quote# "LAUSD Berendo MS PEA"			
ampler(s): Gabriella Valenzuela, Brian Covellone omments: 72 hour turnaround time lease analize soil for analysis from end of sample sleve with the Red Cap. or OCPs are to be composited at a 1:3 or 1.4 ratio (e.g. Sample CI is to consist Lab# $\frac{EB}{S} = \frac{S}{S} - \frac{1}{A} i$	Quote# "LAUSD Berendo MS PEA"		(əjiç	
omments: 72 hour turnaround time ease analize soil for analysis from end of sample sleve with the Red Cap. or OCPs are to be composited at a 1:3 or 1:4 ratio (e.g. Sample C1 is to consist to CPs are to be composited at a 1:3 or 1:4 ratio (e.g. Sample ID Lab#			odwo	
(B) - 12" (B) - 13"	Samples of subsamples marked C1a, C1b, C1c, C1d).	- EPA 6010B	EPA 8081A (Co	
EB-33-12	Date & Time			рјон
EB-33-18	2016		┼	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	6745 3/21/2016 x	×		\ \\
-40 (FB- 33-24"	6944 3/21/2016 X	×		**
-d) (B- 33-30.1	3/21/2016 x	×		- X
-7 EB-19-60"	3/21/2016	× ×		
-42 EB- 19 - 66 "	6955 3/21/2016 X	×		×
-43 EB-19-12 "	8955 3/21/2016 X	~		×
-44 EB- 19-18"	<i>σ</i> 356 3/21/2016 ×	~		×
45 (EB-)9-24 "	0954 3/21/2016 x	×		*
-46 EB- 19-30 "	OJSX 3/21/2016 x	×		×
-8 EB-26-00"	1005 3/21/2016 X	×	7 293	47.04
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12 - 26 - 12 '')003 3/21/2016 x	×		×
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Chain of Custody and Cooler Receipt Form for 1608501 Page 4 of 14 3 CHAIN OF CUSTOD Analysis Requested Date and Time: Date and Time? X рјон × X × CBs - EPA 8082 OCPs - EPA 8081A (Composite) Arsenic - EPA 6010B Phone (661) 327-4911 FAX (661) 327-1918 80109 A43 - bes Sample Matrix Water lio2 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 858-Comments: 72 hour turnaround time
Please analize soil for analysis from end of sample sleve with the Red Cap.
for OCPs are to be composited at a 1:3 or 1:4 ratio (e.g. Sample CI is to consist of subsamples marked CIa, CIb, CId). Date & Time 000 Quote# "LAUSD Berendo MS PEA' Sampled Project: LAUSD Berendo MS 1008 130 200 F101 1014 2001 ONO 500(2001 8/ 0 0 1615 1001 Phone: 562-277-3212, 354-5364 Project #: 16-201-001 4100 Atlas Court, Bakersfield, CA 93308 Received By: Received By: Received By: Project Information L Sample ID Attn: Ben Morgan (ben.morgan@e2mt.com), Travis Stravasnik Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 908 Sampler(s): Gabriella Valenzuela, Brian Covellone 00 -30 2 Ç 21-22 00-82 2 62-22 200 N--8t he-22-00 EB-26-18 7-22 Ż 77 ۲ 22 BC LABORATORIES, INC Name: E2Managetech, Inc. (tstravasnik@e2mt.com) EB-Relinquished By: elinguished By: б 0 Lab#

Report ID: 1000468110 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 7 of 72



Chain of Custody and Cooler Receipt Form for 1608501 Page 5 of 14 CHAIN OF CUSTODY Analysis Requested Date and Time x PCBs - EPA 8082 OCPs - EPA 8081A (Composite) Arsenic - EPA 6010B × Phone (661) 327-4911 FAX (661) 327-1918 80109 A93 - bss. Sample Matrix 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 3/21/2016 858or OCPs are to be composited at a 1:3 or 1:4 ratio (e.g. Sample C1 is to consist of subsamples marked C1a, C1b, C1c, C1d). Date & Time Sampled Quote# "LAUSD Berendo MS PEA" 4401 3601 2101 1027 Project: LAUSD Berendo MS 5191 h291 5201 2201 1645 hho 320 5201 Phone: 562-277-3212, 354-5364 Project #: 16-201-001 4100 Atlas Court, Bakersfield, CA 93308 Received By: lease analize soil for analysis from end of sample sleve with the Red Cap. Project Information Sample ID Attn: Ben Morgan (ben.morgan@e2mt.com), Travis Stravasnik (tstravasnik@e2mt.com) Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 90815 sampler(s): Gabriella Valenzuela, Brian Covellone 52 ., h2 -82 200 20-02 h2-02 81-22 00-02 21- - 2 21-02 81-02 00 30-22 08-85 -+2 -42 BC LABORATORIES, lame: E2Managetech, Inc ЕВ ЕB-Relinquished By elinquished By: Lab# = \$

Report ID: 1000468110 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 8 of 72



Chain of Custody and Cooler Receipt Form for 1608501 Page 6 of 14

Inc.	
Phone: 562-277-3212, 858-3564 Project: LAUSD Berendo MS PEA" Quote#"LAUSD Berendo MS PEA" Quote#"LAUSD Berendo MS PEA" Samples Sampled	
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8501 , 21-h2	
EB- 74-18 " X	
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EB- 24-30 ", 055 3/21/2016 X	
All the Color of Cabs	me: 2/20/16 1,55
Received By AM	Je: 12-16 (SDO
Relinquished By:	Date and Time 3.12-16 2040

Page 9 of 72 Report ID: 1000468110





Chain of Custody and Cooler Receipt Form for 1608501 Page 7 of 14 BC LABORATORIES INC. COOLER RECEIPT FORM Page Submission #: 16-0850 SHIPPING INFORMATION SHIPPING CONTAINER FREE LIQUID Fed Ex □ UPS [] Ontrac lce Chest ⊠ None □ Box □ Other □ (Specify)____ Hand Delivery □ YES | NO | BC Lab Field Service (50) Other (Specify) Refrigerant: Ice 🖄 Blue Ice □ None 🗆 Other Comments: Custody Seals Ice Chest □ Containers □ None Comments: Intact? Yes □ No Intact? Yes 🗆 No 🗆 All samples received? Yes 1 No 1 All samples containers intact? Yes No Description(s) match COC? Yes No Emissivity: 09 7 Container LLG (48 Thermometer ID: 208 Date/Time <u>3 · 22 · 16</u> / 029 **COC** Received □ YES □ NO ·c 1(c) 12.7 SAMPLE NUMBERS SAMPLE CONTAINERS QT PE UNPRES 40z / 80z / 160z PE UNPRES OT INORGANIC CHEMICAL METALS INORGANIC CHEMICAL METALS 40z / 80z / A PT NITROGEN FORMS PT TOTAL SULFIDE 20z. NITRATE / NITRITE PT TOTAL ORGANIC CARBON PT CHEMICAL OXYGEN DEMAND PIA PHENOLICS 40ml VOA VIAL TRAVEL BLANK 40ml VOA VIAL QT EPA 1664 PT ODOR RADIOLOGICAL BACTERIOLOGICAL 40 mi VOA VIAL- 504 Oby QT EPA 508/608/8080 QT EPA 515.1/8150 QT EPA 525 QT EPA 525 TRAVEL BLANK 40ml EPA 547 40ml EPA 531.1 80z EPA 548 QT EPA 549 **QT EPA 8015M** QT EPA 8270 80z / 160z / 320z AMBER 802/160z/320z JAR X0 2 SOIL SLEEVE PCB VIAL PLASTIC BAG EDLAR BAG ROUS IRON , Completed By: 1051 Rev 20 07/24/2015 C = Corrected (S:\WPDoc\WordPerfect\LAB DOCS\FORMS\CAM



Chain of Custody and Cooler Receipt Form for 1608501 Page 8 of 14

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BC LABORATORIES INC.			COOLE	R RECEI	PT FORM			Pa	age	of of
Submission #: // <i>p-0850</i> /										7
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NITROGEN FORMS		1				1		T		
TOTAL SULFIDE		1				1				
NITRATE/NITRITE			1	1						
TOTAL ORGANIC CARBON		1	1.			1				
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Chain of Custody and Cooler Receipt Form for 1608501 Page 9 of 14

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BC LABORATORIES INC.			COOLER	RECEIP	T FORM			Da	ge 3	Of Q
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Chain of Custody and Cooler Receipt Form for 1608501 Page 10 of 14

Submission #: /6-0750											
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Chain of Custody and Cooler Receipt Form for 1608501 Page 11 of 14

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BC LABORATORIES INC.	— т		COOLER	RECEIP	FORIVI			P	age 5	Ui
Submission #: 1(1-0350)							***************************************			
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Chain of Custody and Cooler Receipt Form for 1608501 Page 12 of 14

BC LABORATORIES INC.			COOLER	RECEIP	T FORM			p,	ige 6	Of 9
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Refrigerant: Ice 🖄 Blue Ice 🗆	l Non	ie 🗆	Other 🗆	Com	ments:					
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Chain of Custody and Cooler Receipt Form for 1608501 Page 13 of 14

BC LABORATORIES INC.			COOLE	R RECEIP	T FORM				Page	Z_ (of _ 177
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Chain of Custody and Cooler Receipt Form for 1608501 Page 14 of 14

BC LABORATORIES INC.			COOLE	R RECEIP	T FORM				Page _	280	of A
Submission #: 16-08501											
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04/06/2016 9:53 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608501-01	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 08:30
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-31-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-02	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 08:44
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-1	Lab Matrix:	Water
	Sampled By:		Sample Type:	Water
1608501-03	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 08:56
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-30-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
608501-04	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:11
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-34-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
608501-05	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:39
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-32-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-06	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:47
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-33-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-07	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:54
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-19-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil



Long Beach, CA 90815

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04/06/2016 9:53 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608501-08	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:05
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-26-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-09	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:10
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-22-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-10	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:17
	Sampling Location:		Sample Depth:	
		EB-28-00"		Solids
	Sampling Point:	EB-20-00 	Lab Matrix:	Soil
	Sampled By:		Sample Type:	3011
1608501-11	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:27
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-27-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-12	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:47
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-20-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-13	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:54
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-21-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	Campieu by.		запіріє Туре.	
1608501-14	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 11:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-24-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

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Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608501-15	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:27
	Sampling Location:		Sample Depth:	
	Sampling Point:	Composite of C7 (A, B, C)	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
			Cumple Type.	
1608501-16	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:47
	Sampling Location:		Sample Depth:	
	Sampling Point:	Composite of C8 (A, B, C)	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-17	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 11:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	Composite of C6 (A, B, C)	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-18	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 08:33
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-31-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-19	COO Normalis and		Panaina Patar	02/22/2016 20:40
1606501-19	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 08:35
	Sampling Location:	 ED 04 40!!	Sample Depth:	0-114-
	Sampling Point:	EB-31-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-20	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 08:37
	Sampling Location:	 	Sample Depth:	
		EB-31-24"		Solids
	Sampling Point: Sampled By:	ED-31-24 	Lab Matrix: Sample Type:	Soil
	Sampled by.		Sample Type.	
1608501-21	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 08:38
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-31-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

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Project Number: 16-201-001

Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608501-22	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 08:57
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-30-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-23	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 08:59
	Sampling Location:		Sample Depth:	
		EB-30-12"		Solids
	Sampling Point: Sampled By:		Lab Matrix: Sample Type:	Soil
	· · · ·			
1608501-24	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-30-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-25	COC Number:		Pagaina Patar	03/22/2016 20:40
1000301-23			Receive Date:	
	Project Number:		Sampling Date:	03/21/2016 09:02
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-30-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-26	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:04
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-30-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
100001 27				00/00/0040 00 40
1608501-27	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:14
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-34-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-28	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:15
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-34-12"	Lab Matrix:	Solids
	Samping Point:	-D-07-14	Lad Matrix:	Julius



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Project: LAUSD Berendo MS Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608501-29	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:16
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-34-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-30	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:17
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-34-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-31	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:18
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-34-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-32	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:38
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-32-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-33	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:36
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-32-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-34	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:37
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-32-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-35	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:35
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-32-24"	Lab Matrix:	Solids
	Janiping Fulli.		Sample Type:	Soil



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Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608501-36	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:39
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-32-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-37	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:47
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-33-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-38	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:46
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-33-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-39	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:45
	•			
	Sampling Location:		Sample Depth:	Solids
	Sampling Point:	EB-33-18" 	Lab Matrix:	Soil
	Sampled By:		Sample Type:	3011
1608501-40	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:44
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-33-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-41	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:43
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-33-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-42	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:55
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-19-06"	Lab Matrix:	Solids
	Janipiniy Polit.	_5 10 00	Sample Type:	Soil



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Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608501-43	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:55
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-19-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-44	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:56
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-19-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-45	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:57
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-19-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-46	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 09:58
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-19-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-47	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:04
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-26-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-48	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:03
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-26-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-49	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:02
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-26-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

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Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608501-50	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:02
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-26-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-51	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:01
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-26-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-52	COC Number:		Receive Date:	03/22/2016 20:40
-	Project Number:		Sampling Date:	03/21/2016 10:09
	Sampling Location:		Sample Depth:	
		EB-22-06"		Solids
	Sampling Point:		Lab Matrix:	Soil
	Sampled By:		Sample Type:	JUII
1608501-53	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:08
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-22-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-54	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:07
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-22-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-55	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:06
	Sampling Location:		Sample Depth:	
	. •	EB-22-24"		Solids
	Sampling Point:		Lab Matrix:	Soil
	Sampled By:		Sample Type:	JOII
1608501-56	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:05
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-22-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

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Project Number: 16-201-001

Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608501-57	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:16
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-28-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-58	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:15
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-28-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-59	COC Number		Pagaina Patri	02/22/2016 20:40
1000001-03	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:14
	Sampling Location:	 ED 00 40#	Sample Depth:	 O-1:-I-
	Sampling Point:	EB-28-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-60	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:13
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-28-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-61	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:12
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-28-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-62	COC Number:		Receive Date:	03/22/2016 20:40
				03/21/2016 10:26
	Project Number:	 	Sampling Date:	03/21/2016 10.26
	Sampling Location:	 EB-27-06"	Sample Depth:	Solids
	Sampling Point:		Lab Matrix:	
	Sampled By:		Sample Type:	Soil
1608501-63	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:25
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-27-12"	Lab Matrix:	Solids
	Samping i onic.	· · -	Eas matrix.	Soil

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04/06/2016 9:53 Reported:

Project: LAUSD Berendo MS Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608501-64	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:24
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-27-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-65	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:23
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-27-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	Sampled by.		Sample Type.	
1608501-66	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:22
	Sampling Location:		Sample Depth:	
	. •	EB-27-30"		Solids
	Sampling Point:	EB-27-30 	Lab Matrix:	Soil
	Sampled By:		Sample Type:	
1608501-67	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:46
	-			
	Sampling Location:		Sample Depth:	Solids
	Sampling Point:	EB-20-06"	Lab Matrix:	
	Sampled By:		Sample Type:	Soil
1608501-68	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:45
	Sampling Location:		Sample Depth:	
		EB-20-12"		Solids
	Sampling Point:	LB-20-12 	Lab Matrix:	Soil
	Sampled By:		Sample Type:	3011
1608501-69	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:44
	Sampling Location:		Sample Depth:	
		EB-20-18"		Solids
	Sampling Point:	LD-20-10	Lab Matrix:	Soil
	Sampled By:		Sample Type:	3011
1608501-70	COC Number:		Receive Date:	03/22/2016 20:40
-	Project Number:		Sampling Date:	03/21/2016 10:43
	-			
	Sampling Location:	 FD 20 24"	Sample Depth:	 Colido
	Sampling Point:	EB-20-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil



Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

04/06/2016 9:53 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608501-71	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:42
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-20-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-72	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:53
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-21-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-73	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:52
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-21-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
608501-74	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:51
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-21-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-75	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:50
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-21-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-76	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:49
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-21-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-77	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:59
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-24-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

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04/06/2016 9:53 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608501-78	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:58
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-24-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-79	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:57
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-24-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-80	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:56
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-24-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608501-81	COC Number:		Receive Date:	03/22/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:55
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-24-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

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Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

E2 Managetech

Total Concentrations (TTLC)

BCL Sample ID:	1608501-01	Client Sample	e Name:	EB-31-00'	", 3/21/201	6 8:30:00AM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		1.9	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		32	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC	
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/23/16	03/24/16 10:18	JCC	PE-OP3	1	BZC2448	

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E2 Managetech 5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 04/06/2016 9:53
Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	1608501-02	Client Sample	e Name:	EB-1, 3/2	1/2016 8:4	4:00AM			
Constituent		Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run#
Aldrin		ND	ug/L	0.0050	0.00053	EPA-8081A	ND		1
alpha-BHC		ND	ug/L	0.0050	0.0025	EPA-8081A	ND		1
beta-BHC		ND	ug/L	0.0050	0.0019	EPA-8081A	ND		1
delta-BHC		ND	ug/L	0.0050	0.0012	EPA-8081A	ND		1
gamma-BHC (Lindane)		ND	ug/L	0.0050	0.0011	EPA-8081A	ND		1
Chlordane (Technical)		ND	ug/L	0.50	0.048	EPA-8081A	ND		1
4,4'-DDD		ND	ug/L	0.0050	0.0029	EPA-8081A	ND		1
4,4'-DDE		ND	ug/L	0.0050	0.0014	EPA-8081A	ND		1
4,4'-DDT		ND	ug/L	0.0050	0.0011	EPA-8081A	ND		1
Dieldrin		ND	ug/L	0.0050	0.00078	EPA-8081A	ND		1
Endosulfan I		ND	ug/L	0.0050	0.00086	EPA-8081A	ND		1
Endosulfan II		ND	ug/L	0.0050	0.0018	EPA-8081A	ND		1
Endosulfan sulfate		ND	ug/L	0.0050	0.0012	EPA-8081A	ND		1
Endrin		ND	ug/L	0.0050	0.0025	EPA-8081A	ND		1
Endrin aldehyde		ND	ug/L	0.010	0.0017	EPA-8081A	ND		1
Heptachlor		ND	ug/L	0.0050	0.00050	EPA-8081A	ND		1
Heptachlor epoxide		ND	ug/L	0.0050	0.00080	EPA-8081A	ND		1
Methoxychlor		ND	ug/L	0.0050	0.0017	EPA-8081A	ND		1
Toxaphene		ND	ug/L	2.0	0.32	EPA-8081A	ND		1
TCMX (Surrogate)		81.8	%	40 - 140 (LC	L - UCL)	EPA-8081A			1
Decachlorobiphenyl (Sur	rogate)	104	%	40 - 120 (LC	L - UCL)	EPA-8081A			1

			Run				QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-8081A	03/23/16	03/24/16 08:21	KEP	GC-17	1	BZC2541	

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.

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5001 Airport Plaza Drive, Suite 260

Reported: 04/06/2016 9:53 Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Metals Analysis

BCL Sample ID:	1608501-02	Client Sample	e Name:	EB-1, 3/2	1/2016 8:4	14:00AM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Total Arsenic		ND	mg/L	0.050	0.0078	EPA-6010B	500		1
Total Lead		ND	mg/L	0.050	0.0040	EPA-6010B	1000		1

	Run					QC			
R	Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
	1	EPA-6010B	03/24/16	03/25/16 09:13	JCC	PE-OP3	1	BZC2512	

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04/06/2016 9:53 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Total Concentrations (TTLC)

BCL Sample ID:	1608501-03	Client Sample	e Name:	EB-30-00'	EB-30-00", 3/21/2016 8:56:00AM				
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		8.0	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		29	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
1	EPA-6010B	03/23/16	03/24/16 10:27	JCC	PE-OP3	0.971	BZC2448

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04/06/2016 9:53 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Total Concentrations (TTLC)

BCL Sample ID:	1608501-04	Client Sample	e Name:	EB-34-00", 3/21/2016 9:11:00AM					
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		1.1	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		14	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/23/16	03/24/16 09:47	JCC	PE-OP3	0.980	BZC2448	

Report ID: 1000468110

Reported: 04/06/2016 9:53
Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1608501-05	Client Sampl	e Name:	EB-32-00'	', 3/21/201	6 9:39:00AM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
PCB-1016		ND	mg/kg	0.010	0.0068	EPA-8082	50		1
PCB-1221		ND	mg/kg	0.010	0.0040	EPA-8082	50		1
PCB-1232		ND	mg/kg	0.010	0.0036	EPA-8082	50		1
PCB-1242		ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1248		ND	mg/kg	0.010	0.0029	EPA-8082	50		1
PCB-1254		ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260		ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation	n)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Su	ırrogate)	60.0	%	40 - 120 (LC	L - UCL)	EPA-8082			1

			Run			QC			
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID		
1	EPA-8082	03/23/16	03/24/16 09:09	ZZZ	GC-15	1.010	BZC2540		

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Project Number: 16-201-001 Project Manager: Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Total Concentrations (TTLC)

BCL Sample ID:	1608501-05	Client Sample	e Name:	EB-32-00'	EB-32-00", 3/21/2016 9:39:00AM				
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		6.0	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		22	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
1	EPA-6010B	03/23/16	03/24/16 09:48	JCC	PE-OP3	0.962	BZC2448

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Project Number: 16-201-001 Project Manager: Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Total Concentrations (TTLC)

BCL Sample ID:	1608501-06	Client Sample	e Name:	me: EB-33-00", 3/21/2016 9:47:00AM					
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		1.2	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		24	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run							QC			
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID			
1	EPA-6010B	03/23/16	03/24/16 09:50	JCC	PE-OP3	0.980	BZC2448			

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04/06/2016 9:53 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608501-07	Client Sample Name: EB-19-00", 3/21/2016 9:54:00AM			6 9:54:00AM				
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Lead		6.0	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC	
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/23/16	03/24/16 09:51	JCC	PE-OP3	0.943	BZC2448	

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E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

04/06/2016 9:53 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608501-08	Client Sampl	e Name:	EB-26-00	", 3/21/201	6 10:05:00AM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		ND	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		5.5	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC
Run #	# Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
1	EPA-6010B	03/23/16	03/24/16 09:52	JCC	PE-OP3	0.990	BZC2448

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5001 Airport Plaza Drive, Suite 260

Reported: 04/06/2016 9:53 Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

WET Test (STLC)

BCL Sample ID:	1608501-09	Client Sampl	e Name:	EB-22-00'	", 3/21/201	6 10:10:00AM			
Constituent		Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	Run#
Lead		3.1	mg/L	0.50	0.16	EPA-6010B	5.0		1

			Run				QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/31/16	04/01/16 14:39	JCC	PE-OP3	1	BZC3219	

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Project Number: 16-201-001 Project Manager: Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Total Concentrations (TTLC)

BCL Sample ID:	1608501-09	Client Sampl	e Name:	EB-22-00'	", 3/21/201	6 10:10:00AM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead		67	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/23/16	03/24/16 09:53	JCC	PE-OP3	0.980	BZC2448	

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5001 Airport Plaza Drive, Suite 260

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Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608501-10	Client Sampl	e Name:	EB-28-00'	", 3/21/201	6 10:17:00AM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead		11	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/23/16	03/24/16 09:54	JCC	PE-OP3	0.926	BZC2448	

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5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

04/06/2016 9:53 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608501-11	Client Sampl	e Name:	EB-27-00	", 3/21/201	6 10:27:00AM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		0.45	mg/kg	1.0	0.40	EPA-6010B	500	J	1
Lead		9.5	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
1	EPA-6010B	03/23/16	03/24/16 09:55	JCC	PE-OP3	0.917	BZC2448

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04/06/2016 9:53 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608501-12	Client Sample	e Name:	EB-20-00'	", 3/21/201	6 10:47:00AM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		1.8	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		13	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
1	EPA-6010B	03/23/16	03/24/16 09:57	JCC	PE-OP3	0.935	BZC2448

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5001 Airport Plaza Drive, Suite 260

04/06/2016 9:53 Reported:

> Project Number: 16-201-001 Project Manager: Daryl Hernandez

Project: LAUSD Berendo MS

Total Concentrations (TTLC)

BCL Sample ID:	1608501-13	Client Sampl	e Name:	EB-21-00'	", 3/21/201	6 10:54:00AM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Lead		3.3	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC	
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/23/16	03/24/16 10:36	JCC	PE-OP3	0.909	BZC2448	

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5001 Airport Plaza Drive, Suite 260

Reported: 04/06/2016 9:53

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

WET Test (STLC)

BCL Sample ID:	1608501-14	Client Sampl	e Name:	EB-24-00'	", 3/21/201	6 11:00:00AM			
Constituent		Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	Run#
Lead		18	mg/L	0.50	0.16	EPA-6010B	5.0		1

			Run				QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/31/16	04/01/16 15:13	JCC	PE-OP3	1	BZC3219	

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5001 Airport Plaza Drive, Suite 260

04/06/2016 9:53 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

TCLP Toxicity

BCL Sample ID:	1608501-14	Client Sampl	e Name:	EB-24-00'	", 3/21/201	6 11:00:00AM			
Constituent		Result	Units	PQL	MDL	Method	TCLP Limits	Lab Quals	Run #
Lead		0.12	mg/L	0.50	0.030	EPA-6010B	5.0	J	1

			Run				QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/30/16	03/31/16 12:46	JCC	PE-OP3	1	BZC3091	

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04/06/2016 9:53 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Total Concentrations (TTLC)

BCL Sample ID:	1608501-14	Client Sampl	e Name:	EB-24-00'	', 3/21/201	6 11:00:00AM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		8.7	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		800	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
1	EPA-6010B	03/23/16	03/24/16 10:37	JCC	PE-OP3	0.980	BZC2448

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5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 04/06/2016 9:53
Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	1608501-15	Client Sampl	e Name:	Composit	e of C7 (A,	B, C), 3/21/201	6 10:27:00AM		
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Aldrin		ND	mg/kg	0.0025	0.000090	EPA-8081A	1.4	A10	1
alpha-BHC		ND	mg/kg	0.0025	0.00018	EPA-8081A		A10	1
beta-BHC		ND	mg/kg	0.0025	0.00015	EPA-8081A		A10	1
delta-BHC		ND	mg/kg	0.0025	0.00016	EPA-8081A		A10	1
gamma-BHC (Lindane)		ND	mg/kg	0.0025	0.00016	EPA-8081A	4.0	A10	1
Chlordane (Technical)		ND	mg/kg	0.25	0.012	EPA-8081A	2.5	A10	1
4,4'-DDD		ND	mg/kg	0.0025	0.00024	EPA-8081A	1.0	A10	1
4,4'-DDE		ND	mg/kg	0.0025	0.00028	EPA-8081A	1.0	A10	1
4,4'-DDT		ND	mg/kg	0.0025	0.00044	EPA-8081A	1.0	A10	1
Dieldrin		ND	mg/kg	0.0025	0.00021	EPA-8081A	8.0	A10	1
Endosulfan I		ND	mg/kg	0.0025	0.00022	EPA-8081A		A10	1
Endosulfan II		ND	mg/kg	0.0025	0.00036	EPA-8081A		A10	1
Endosulfan sulfate		ND	mg/kg	0.0025	0.00016	EPA-8081A		A10	1
Endrin		ND	mg/kg	0.0025	0.00031	EPA-8081A	0.2	A10	1
Endrin aldehyde		ND	mg/kg	0.0025	0.00038	EPA-8081A		A10	1
Heptachlor		ND	mg/kg	0.0025	0.000085	EPA-8081A	4.7	A10	1
Heptachlor epoxide		ND	mg/kg	0.0025	0.00030	EPA-8081A		A10	1
Methoxychlor		ND	mg/kg	0.0025	0.00033	EPA-8081A	100	A10	1
Toxaphene		ND	mg/kg	0.25	0.032	EPA-8081A	5	A10	1
TCMX (Surrogate)		66.2	%	20 - 130 (LC	CL - UCL)	EPA-8081A		A10	1
Decachlorobiphenyl (Sur	rogate)	81.9	%	40 - 130 (LC	CL - UCL)	EPA-8081A		A10	1

			Run				QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-8081A	03/23/16	03/24/16 08:33	KEP	GC-17	5.051	BZC2542	

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5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 04/06/2016 9:53 Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	1608501-16	Client Sampl	e Name:	Composit	e of C8 (A,	B, C), 3/21/2016	9:47:00AM		
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Aldrin		ND	mg/kg	0.0025	0.000090	EPA-8081A	1.4	A10	1
alpha-BHC		ND	mg/kg	0.0025	0.00018	EPA-8081A		A10	1
beta-BHC		ND	mg/kg	0.0025	0.00015	EPA-8081A		A10	1
delta-BHC		ND	mg/kg	0.0025	0.00016	EPA-8081A		A10	1
gamma-BHC (Lindane)		ND	mg/kg	0.0025	0.00016	EPA-8081A	4.0	A10	1
Chlordane (Technical)		ND	mg/kg	0.25	0.012	EPA-8081A	2.5	A10	1
4,4'-DDD		ND	mg/kg	0.0025	0.00024	EPA-8081A	1.0	A10	1
4,4'-DDE		0.0012	mg/kg	0.0025	0.00028	EPA-8081A	1.0	J,A10	1
4,4'-DDT		0.0051	mg/kg	0.0025	0.00044	EPA-8081A	1.0	A10	1
Dieldrin		ND	mg/kg	0.0025	0.00021	EPA-8081A	8.0	A10	1
Endosulfan I		ND	mg/kg	0.0025	0.00022	EPA-8081A		A10	1
Endosulfan II		ND	mg/kg	0.0025	0.00036	EPA-8081A		A10	1
Endosulfan sulfate		ND	mg/kg	0.0025	0.00016	EPA-8081A		A10	1
Endrin		ND	mg/kg	0.0025	0.00031	EPA-8081A	0.2	A10	1
Endrin aldehyde		ND	mg/kg	0.0025	0.00038	EPA-8081A		A10	1
Heptachlor		ND	mg/kg	0.0025	0.000085	EPA-8081A	4.7	A10	1
Heptachlor epoxide		ND	mg/kg	0.0025	0.00030	EPA-8081A		A10	1
Methoxychlor		ND	mg/kg	0.0025	0.00033	EPA-8081A	100	A10	1
Гохарhene		ND	mg/kg	0.25	0.032	EPA-8081A	5	A10	1
ГСМХ (Surrogate)		63.5	%	20 - 130 (LC	CL - UCL)	EPA-8081A		A10	1
Decachlorobiphenyl (Sur	rogate)	87.5	%	40 - 130 (LC	CL - UCL)	EPA-8081A		A10	1

			Run				QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-8081A	03/23/16	03/24/16 08:44	KEP	GC-17	5	BZC2542	

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Reported: 04/06/2016 9:53
Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	1608501-17	Client Sampl	e Name:	Composit	e of C6 (A,	B, C), 3/21/201	6 11:00:00AM		
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Aldrin		ND	mg/kg	0.0050	0.00018	EPA-8081A	1.4	A10	1
alpha-BHC		ND	mg/kg	0.0050	0.00036	EPA-8081A		A10	1
beta-BHC		ND	mg/kg	0.0050	0.00030	EPA-8081A		A10	1
delta-BHC		ND	mg/kg	0.0050	0.00032	EPA-8081A		A10	1
gamma-BHC (Lindane)		ND	mg/kg	0.0050	0.00032	EPA-8081A	4.0	A10	1
Chlordane (Technical)		ND	mg/kg	0.50	0.023	EPA-8081A	2.5	A10	1
4,4'-DDD		ND	mg/kg	0.0050	0.00047	EPA-8081A	1.0	A10	1
4,4'-DDE		0.00086	mg/kg	0.0050	0.00057	EPA-8081A	1.0	J,A10	1
4,4'-DDT		ND	mg/kg	0.0050	0.00088	EPA-8081A	1.0	A10	1
Dieldrin		ND	mg/kg	0.0050	0.00042	EPA-8081A	8.0	A10	1
Endosulfan I		ND	mg/kg	0.0050	0.00045	EPA-8081A		A10	1
Endosulfan II		ND	mg/kg	0.0050	0.00071	EPA-8081A		A10	1
Endosulfan sulfate		ND	mg/kg	0.0050	0.00032	EPA-8081A		A10	1
Endrin		ND	mg/kg	0.0050	0.00062	EPA-8081A	0.2	A10	1
Endrin aldehyde		ND	mg/kg	0.0050	0.00076	EPA-8081A		A10	1
Heptachlor		ND	mg/kg	0.0050	0.00017	EPA-8081A	4.7	A10	1
Heptachlor epoxide		ND	mg/kg	0.0050	0.00061	EPA-8081A		A10	1
Methoxychlor		ND	mg/kg	0.0050	0.00066	EPA-8081A	100	A10	1
Toxaphene		ND	mg/kg	0.50	0.064	EPA-8081A	5	A10	1
TCMX (Surrogate)		73.1	%	20 - 130 (LC	CL - UCL)	EPA-8081A		A10	1
Decachlorobiphenyl (Sur	rogate)	82.5	%	40 - 130 (LC	CL - UCL)	EPA-8081A		A10	1

				QC				
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-8081A	03/23/16	03/24/16 08:56	KEP	GC-17	9.901	BZC2542	

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

04/06/2016 9:53 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608501-77	Client Sampl	e Name:	EB-24-06'	", 3/21/201	6 10:59:00AM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Lead		14	mg/kg	2.5	0.28	EPA-6010B	1000		1

				QC				
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/29/16	03/29/16 18:42	JCC	PE-OP3	0.926	BZC2916	

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Long Beach, CA 90815

E2 Managetech

S001 Airport Plaza Drive, Suite 260

Reported: 04/06/2016 9:53

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZC2541						
Aldrin	BZC2541-BLK1	ND	ug/L	0.0050	0.00053	
alpha-BHC	BZC2541-BLK1	ND	ug/L	0.0050	0.0025	
beta-BHC	BZC2541-BLK1	ND	ug/L	0.0050	0.0019	
delta-BHC	BZC2541-BLK1	ND	ug/L	0.0050	0.0012	
gamma-BHC (Lindane)	BZC2541-BLK1	ND	ug/L	0.0050	0.0011	
Chlordane (Technical)	BZC2541-BLK1	ND	ug/L	0.50	0.048	
4,4'-DDD	BZC2541-BLK1	ND	ug/L	0.0050	0.0029	
4,4'-DDE	BZC2541-BLK1	ND	ug/L	0.0050	0.0014	
4,4'-DDT	BZC2541-BLK1	ND	ug/L	0.0050	0.0011	
Dieldrin	BZC2541-BLK1	ND	ug/L	0.0050	0.00078	
Endosulfan I	BZC2541-BLK1	ND	ug/L	0.0050	0.00086	
Endosulfan II	BZC2541-BLK1	ND	ug/L	0.0050	0.0018	
Endosulfan sulfate	BZC2541-BLK1	ND	ug/L	0.0050	0.0012	
Endrin	BZC2541-BLK1	ND	ug/L	0.0050	0.0025	
Endrin aldehyde	BZC2541-BLK1	ND	ug/L	0.010	0.0017	
Heptachlor	BZC2541-BLK1	ND	ug/L	0.0050	0.00050	
Heptachlor epoxide	BZC2541-BLK1	ND	ug/L	0.0050	0.00080	
Methoxychlor	BZC2541-BLK1	ND	ug/L	0.0050	0.0017	
Toxaphene	BZC2541-BLK1	ND	ug/L	2.0	0.32	
TCMX (Surrogate)	BZC2541-BLK1	71.9	%	40 - 14	0 (LCL - UCL)	
Decachlorobiphenyl (Surrogate)	BZC2541-BLK1	110	%	40 - 12	0 (LCL - UCL)	
QC Batch ID: BZC2542						
Aldrin	BZC2542-BLK1	ND	mg/kg	0.00050	0.000018	
alpha-BHC	BZC2542-BLK1	ND	mg/kg	0.00050	0.000036	
beta-BHC	BZC2542-BLK1	ND	mg/kg	0.00050	0.000030	
delta-BHC	BZC2542-BLK1	ND	mg/kg	0.00050	0.000032	
gamma-BHC (Lindane)	BZC2542-BLK1	ND	mg/kg	0.00050	0.000032	
Chlordane (Technical)	BZC2542-BLK1	ND	mg/kg	0.050	0.0023	
4,4'-DDD	BZC2542-BLK1	ND	mg/kg	0.00050	0.000047	
4,4'-DDE	BZC2542-BLK1	ND	mg/kg	0.00050	0.000057	
4,4'-DDT	BZC2542-BLK1	ND	mg/kg	0.00050	0.000088	
Dieldrin	BZC2542-BLK1	ND	mg/kg	0.00050	0.000042	
Endosulfan I	BZC2542-BLK1	ND	mg/kg	0.00050	0.000045	

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Long Beach, CA 90815 Project Number: 16-201-001 Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZC2542						
Endosulfan II	BZC2542-BLK1	ND	mg/kg	0.00050	0.000071	
Endosulfan sulfate	BZC2542-BLK1	ND	mg/kg	0.00050	0.000032	
Endrin	BZC2542-BLK1	ND	mg/kg	0.00050	0.000062	
Endrin aldehyde	BZC2542-BLK1	ND	mg/kg	0.00050	0.000076	
Heptachlor	BZC2542-BLK1	ND	mg/kg	0.00050	0.000017	
Heptachlor epoxide	BZC2542-BLK1	ND	mg/kg	0.00050	0.000061	
Methoxychlor	BZC2542-BLK1	ND	mg/kg	0.00050	0.000066	
Toxaphene	BZC2542-BLK1	ND	mg/kg	0.050	0.0064	
TCMX (Surrogate)	BZC2542-BLK1	92.6	%	20 - 130 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	BZC2542-BLK1	102	%	40 - 130 (LCL - UCL)		

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5001 Airport Plaza Drive, Suite 260

Reported: 04/06/2016 9:53
Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

								Control I	Limits		
				Spike		Percent		Percent		Lab	
Constituent	QC Sample ID	Туре	Result	Level	Units	Recovery	RPD	Recovery	RPD	Quals	
QC Batch ID: BZC2541											
Aldrin	BZC2541-BS1	LCS	0.092510	0.15000	ug/L	61.7		50 - 120			
gamma-BHC (Lindane)	BZC2541-BS1	LCS	0.14444	0.15000	ug/L	96.3		60 - 130			
4,4'-DDT	BZC2541-BS1	LCS	0.17459	0.15000	ug/L	116		60 - 130			
Dieldrin	BZC2541-BS1	LCS	0.14247	0.15000	ug/L	95.0		60 - 130			
Endrin	BZC2541-BS1	LCS	0.14745	0.15000	ug/L	98.3		60 - 130			
Heptachlor	BZC2541-BS1	LCS	0.12126	0.15000	ug/L	80.8		60 - 130			
TCMX (Surrogate)	BZC2541-BS1	LCS	0.23015	0.30000	ug/L	76.7		40 - 140			
Decachlorobiphenyl (Surrogate)	BZC2541-BS1	LCS	0.68999	0.60000	ug/L	115		40 - 120			
QC Batch ID: BZC2542											
Aldrin	BZC2542-BS1	LCS	0.0045510	0.0050000	mg/kg	91.0		70 - 130			
gamma-BHC (Lindane)	BZC2542-BS1	LCS	0.0050760	0.0050000	mg/kg	102		60 - 140			
4,4'-DDT	BZC2542-BS1	LCS	0.0053640	0.0050000	mg/kg	107		60 - 140			
Dieldrin	BZC2542-BS1	LCS	0.0047833	0.0050000	mg/kg	95.7		70 - 130			
Endrin	BZC2542-BS1	LCS	0.0047083	0.0050000	mg/kg	94.2		60 - 140			
Heptachlor	BZC2542-BS1	LCS	0.0047960	0.0050000	mg/kg	95.9		60 - 140			
TCMX (Surrogate)	BZC2542-BS1	LCS	0.0087810	0.010000	mg/kg	87.8		20 - 130			
Decachlorobiphenyl (Surrogate)	BZC2542-BS1	LCS	0.020022	0.020000	mg/kg	100		40 - 130			

Report ID: 1000468110

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Long Beach, CA 90815

Reported: 04/06/2016 9:53
Project: LAUSD Berendo MS

Project Number: 16-201-001
Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

									Cont	rol Limits	
		Source	Source		Spike			Percent		Percent	Lab
Constituent	Туре	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals
QC Batch ID: BZC2541	Use	d client samp	ole: N								
Aldrin	— MS	1607274-24	ND	0.087820	0.15000	ug/L		58.5		50 - 130	
	MSD	1607274-24	ND	0.092550	0.15000	ug/L	5.2	61.7	30	50 - 130	
gamma-BHC (Lindane)	MS	1607274-24	ND	0.13263	0.15000	ug/L		88.4		60 - 130	
	MSD	1607274-24	ND	0.14638	0.15000	ug/L	9.9	97.6	30	60 - 130	
4,4'-DDT	MS	1607274-24	ND	0.15510	0.15000	ug/L		103		60 - 130	
	MSD	1607274-24	ND	0.16817	0.15000	ug/L	8.1	112	30	60 - 130	
Dieldrin	MS	1607274-24	ND	0.13618	0.15000	ug/L		90.8		65 - 130	
	MSD	1607274-24	ND	0.14576	0.15000	ug/L	6.8	97.2	30	65 - 130	
Endrin	MS	1607274-24	ND	0.13617	0.15000	ug/L		90.8		60 - 130	
	MSD	1607274-24	ND	0.14584	0.15000	ug/L	6.9	97.2	30	60 - 130	
Heptachlor	MS	1607274-24	ND	0.11348	0.15000	ug/L		75.7		50 - 130	
	MSD	1607274-24	ND	0.12074	0.15000	ug/L	6.2	80.5	30	50 - 130	
TCMX (Surrogate)	MS	1607274-24	ND	0.20102	0.30000	ug/L		67.0		40 - 140	
	MSD	1607274-24	ND	0.22379	0.30000	ug/L	10.7	74.6		40 - 140	
Decachlorobiphenyl (Surrogate)	MS	1607274-24	ND	0.59174	0.60000	ug/L		98.6		40 - 120	
	MSD	1607274-24	ND	0.63545	0.60000	ug/L	7.1	106		40 - 120	
QC Batch ID: BZC2542	Use	d client samp	ole: N								
Aldrin	─ MS	1305402-24	ND	0.0048756	0.0049505	mg/kg		98.5		50 - 140	
	MSD	1305402-24	ND	0.0047064	0.0050676	mg/kg	3.5	92.9	30	50 - 140	
gamma-BHC (Lindane)	MS	1305402-24	ND	0.0052376	0.0049505	mg/kg		106		50 - 140	
	MSD	1305402-24	ND	0.0055149	0.0050676	mg/kg	5.2	109	30	50 - 140	
4,4'-DDT	MS	1305402-24	ND	0.0058063	0.0049505	mg/kg		117		50 - 140	
	MSD	1305402-24	ND	0.0057625	0.0050676	mg/kg	0.8	114	30	50 - 140	
Dieldrin	MS	1305402-24	ND	0.0049818	0.0049505	mg/kg		101		40 - 140	
	MSD	1305402-24	ND	0.0052176	0.0050676	mg/kg	4.6	103	30	40 - 140	
Endrin	MS	1305402-24	ND	0.0049987	0.0049505	mg/kg		101		50 - 150	
	MSD	1305402-24	ND	0.0050932	0.0050676	mg/kg	1.9	101	30	50 - 150	
Heptachlor	MS	1305402-24	ND	0.0050670	0.0049505	mg/kg		102		60 - 140	
	MSD	1305402-24	ND	0.0048068	0.0050676	mg/kg	5.3	94.9	30	60 - 140	
TCMX (Surrogate)	MS	1305402-24	ND	0.0087611	0.0099010	mg/kg		88.5		20 - 130	
	MSD	1305402-24	ND	0.0099264	0.010135	mg/kg	12.5	97.9		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	1305402-24	ND	0.021237	0.019802	mg/kg		107		40 - 130	
	MSD	1305402-24	ND	0.021874	0.020270	mg/kg	3.0	108		40 - 130	

Report ID: 1000468110 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 56 of 72

5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 04/06/2016 9:53

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

PCB Analysis (EPA Method 8082)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZC2540						
PCB-1016	BZC2540-BLK1	ND	mg/kg	0.010	0.0068	
PCB-1221	BZC2540-BLK1	ND	mg/kg	0.010	0.0040	
PCB-1232	BZC2540-BLK1	ND	mg/kg	0.010	0.0036	
PCB-1242	BZC2540-BLK1	ND	mg/kg	0.010	0.0026	
PCB-1248	BZC2540-BLK1	ND	mg/kg	0.010	0.0029	
PCB-1254	BZC2540-BLK1	ND	mg/kg	0.010	0.0032	
PCB-1260	BZC2540-BLK1	ND	mg/kg	0.010	0.0029	
Total PCB's (Summation)	BZC2540-BLK1	ND	mg/kg	0.010	0.0050	
Decachlorobiphenyl (Surrogate)	BZC2540-BLK1	88.3	%	40 - 12	0 (LCL - UCL)	

Report ID: 1000468110 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 57 of 72



E2 Managetech 5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 04/06/2016 9:53
Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

PCB Analysis (EPA Method 8082)

Quality Control Report - Laboratory Control Sample

							Control Limits			
Constituent	QC Sample ID	Туре	Result	Spike Level	Units	Percent Recovery	RPD	Percent Recovery	RPD	Lab Quals
QC Batch ID: BZC2540										
PCB-1016	BZC2540-BS1	LCS	0.078405	0.083056	mg/kg	94.4		60 - 120		
PCB-1260	BZC2540-BS1	LCS	0.078738	0.083056	mg/kg	94.8		60 - 120		
Decachlorobiphenyl (Surrogate)	BZC2540-BS1	LCS	0.018937	0.019934	mg/kg	95.0		40 - 120		

Report ID: 1000468110 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 58 of 72

Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported: 04/06/2016 9:53

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

PCB Analysis (EPA Method 8082)

Quality Control Report - Precision & Accuracy

	·					·			Cont	rol Limits	·
		Source	Source		Spike			Percent		Percent	Lab
Constituent	Туре	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals
QC Batch ID: BZC2540	Use	ed client samp	ole: N								
PCB-1016	MS	1213312-53	ND	0.077377	0.081967	mg/kg		94.4		60 - 120	
	MSD	1213312-53	ND	0.075410	0.081967	mg/kg	2.6	92.0	30	60 - 120	
PCB-1260	MS	1213312-53	ND	0.076721	0.081967	mg/kg		93.6		60 - 120	
	MSD	1213312-53	ND	0.074426	0.081967	mg/kg	3.0	90.8	30	60 - 120	
Decachlorobiphenyl (Surrogate)	MS	1213312-53	ND	0.017705	0.019672	mg/kg		90.0		40 - 120	
	MSD	1213312-53	ND	0.017377	0.019672	mg/kg	1.9	88.3		40 - 120	

Report ID: 1000468110 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 59 of 72



5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 04/06/2016 9:53
Project: LAUSD Berendo MS

Project Number: 16-201-001
Project Manager: Daryl Hernandez

WET Test (STLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZC3219						
Lead	BZC3219-BLK1	ND	mg/L	0.50	0.16	

Report ID: 1000468110 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 60 of 72



Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported: 04/06/2016 9:53
Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

WET Test (STLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Туре	Result	Spike Level	Units	Percent Recovery	RPD	Control I Percent Recovery	Lab Quals	
QC Batch ID: BZC3219										
Lead	BZC3219-BS1	LCS	20.702	20.000	mg/L	104		85 - 115		

Report ID: 1000468110 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 61 of 72



5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Reported: 04/06/2016 9:53 Project: LAUSD Berendo MS

Project Number: 16-201-001
Project Manager: Daryl Hernandez

WET Test (STLC)

Quality Control Report - Precision & Accuracy

					Control Limits						
		Source	Source		Spike			Percent		Percent	Lab
Constituent	Type	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals
QC Batch ID: BZC3219 Used client sample: Y - Description: EB-35-00", 03/21/2016 15:23											
Lead	DUP	1608503-11	8.5173	8.1853		mg/L	4.0		20		
	MS	1608503-11	8.5173	28.814	20.408	mg/L		99.5		75 - 125	
	MSD	1608503-11	8.5173	27.694	20.408	mg/L	4.0	94.0	20	75 - 125	

Report ID: 1000468110 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 62 of 72



5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 04/06/2016 9:53
Project: LAUSD Berendo MS

Project Number: 16-201-001
Project Manager: Daryl Hernandez

TCLP Toxicity

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZC3091						
Lead	BZC3091-BLK1	ND	mg/L	0.50	0.030	

Report ID: 1000468110 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 63 of 72



E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815 Reported: 04/06/2016 9:53
Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

TCLP Toxicity

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Туре	Result	Spike Level	Units	Percent Recovery	RPD	Control L Percent Recovery	imits RPD	Lab Quals
QC Batch ID: BZC3091										
Lead	BZC3091-BS1	LCS	19.872	20.000	mg/L	99.4		85 - 115		

Report ID: 1000468110 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 64 of 72



Reported: 04/06/2016 9:53 5001 Airport Plaza Drive, Suite 260 Project: LAUSD Berendo MS Long Beach, CA 90815

Project Number: 16-201-001 Project Manager: Daryl Hernandez

TCLP Toxicity

Quality Control Report - Precision & Accuracy

									Control Limits				
		Source	Source		Spike			Percent		Percent	Lab		
Constituent	Type	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals		
QC Batch ID: BZC3091 Used client sample: Y - Description: EB-35-00", 03/21/2016 15:23													
Lead	DUP	1608503-11	0.056910	0.054482		mg/L	4.4		20		J		
	MS	1608503-11	0.056910	20.360	20.000	mg/L		102		75 - 125			
	MSD	1608503-11	0.056910	19.664	20.000	mg/L	3.5	98.0	20	75 - 125			

4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 65 of 72 Report ID: 1000468110



5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 04/06/2016 9:53
Project: LAUSD Berendo MS

Project Number: 16-201-001
Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZC2448						
Arsenic	BZC2448-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZC2448-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZC2916						
Lead	BZC2916-BLK1	ND	mg/kg	2.5	0.28	

Report ID: 1000468110 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 66 of 72

Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported: 04/06/2016 9:53
Project: LAUSD Berendo MS

Project Number: 16-201-001
Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

			Con						rol Limits		
Constituent	QC Sample ID	Туре	Result	Spike Level	Units	Percent Recovery	RPD	Percent Recovery	RPD	Lab Quals	
QC Batch ID: BZC2448											
Arsenic	BZC2448-BS1	LCS	12.157	10.000	mg/kg	122		75 - 125			
Lead	BZC2448-BS1	LCS	114.54	100.00	mg/kg	115		75 - 125			
QC Batch ID: BZC2916											
Lead	BZC2916-BS1	LCS	107.06	100.00	mg/kg	107		75 - 125			

Report ID: 1000468110 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 67 of 72

5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 04/06/2016 9:53

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

									Cont	rol Limits		
		Source	Source		Spike			Percent		Percent	Lab	
Constituent	Type	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals	
QC Batch ID: BZC2448	Use	d client samp	ole: Y - Des	cription: EB	-31-00", 03/	21/2016 0	3:30					
Arsenic	DUP	1608501-01	1.8739	1.7650		mg/kg	6.0		20			
	MS	1608501-01	1.8739	12.049	10.000	mg/kg		102		75 - 125		
	MSD	1608501-01	1.8739	12.409	10.000	mg/kg	2.9	105	20	75 - 125		
Lead	DUP	1608501-01	31.858	30.427		mg/kg	4.6		20			
	MS	1608501-01	31.858	126.33	100.00	mg/kg		94.5		75 - 125		
	MSD	1608501-01	31.858	133.65	100.00	mg/kg	5.6	102	20	75 - 125		
QC Batch ID: BZC2916	Use	d client samp	ole: N									
Lead	DUP	1608818-01	53.002	53.297		mg/kg	0.6		20			
	MS	1608818-01	53.002	138.68	100.00	mg/kg		85.7		75 - 125		
	MSD	1608818-01	53.002	138.83	100.00	mg/kg	0.1	85.8	20	75 - 125		

Report ID: 1000468110 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 68 of 72



Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported: 04/06/2016 9:53 Project: LAUSD Berendo MS

Project Number: 16-201-001
Project Manager: Daryl Hernandez

Metals Analysis

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL Lab	Quals
QC Batch ID: BZC2512						
Total Arsenic	BZC2512-BLK1	ND	mg/L	0.050	0.0078	
Total Lead	BZC2512-BLK1	ND	mg/L	0.050	0.0040	

Report ID: 1000468110 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 69 of 72



Long Beach, CA 90815

E2 Managetech

Seported: 04/06/2016 9:53

Sold Airport Plaza Drive, Suite 260

Reported: 04/06/2016 9:53

Project: LAUSD Berendo MS

Project Number: 16-201-001
Project Manager: Daryl Hernandez

Metals Analysis

Quality Control Report - Laboratory Control Sample

			-				•				
								Control L	<u>imits</u>		
				Spike		Percent		Percent		Lab	
Constituent	QC Sample ID	Type	Result	Level	Units	Recovery	RPD	Recovery	RPD	Quals	
QC Batch ID: BZC2512											
Total Arsenic	BZC2512-BS1	LCS	0.20172	0.20000	mg/L	101		85 - 115			
Total Lead	BZC2512-BS1	LCS	0.42400	0.40000	mg/L	106		85 - 115			

Report ID: 1000468110 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 70 of 72



Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported: 04/06/2016 9:53
Project: LAUSD Berendo MS

Project Number: 16-201-001
Project Manager: Daryl Hernandez

Project Manager: Daryl Hernal

Metals Analysis

Quality Control Report - Precision & Accuracy

									Cont	rol Limits	
		Source	Source		Spike			Percent		Percent	Lab
Constituent	Type	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals
QC Batch ID: BZC2512	Use	d client samp	le: Y - Des	scription: EB	-1, 03/21/20	16 08:44					
Total Arsenic	DUP	1608501-02	ND	ND		mg/L			20		
	MS	1608501-02	ND	0.20333	0.20000	mg/L		102		75 - 125	
	MSD	1608501-02	ND	0.18783	0.20000	mg/L	7.9	93.9	20	75 - 125	
Total Lead	DUP	1608501-02	ND	ND		mg/L			20		
	MS	1608501-02	ND	0.44291	0.40000	mg/L		111		75 - 125	
	MSD	1608501-02	ND	0.43026	0.40000	mg/L	2.9	108	20	75 - 125	

Report ID: 1000468110 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 71 of 72

E2 Managetech Reported: 04/06/2016 9:53

5001 Airport Plaza Drive, Suite 260 Project: LAUSD Berendo MS Long Beach, CA 90815 Project Number: 16-201-001

Project Number: 16-201-001
Project Manager: Daryl Hernandez

Notes And Definitions

J Estimated Value (CLP Flag)
MDL Method Detection Limit
ND Analyte Not Detected
PQL Practical Quantitation Limit

A10 Detection and quantitation limits were raised due to matrix interference.

Report ID: 1000468110 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 72 of 72



Date of Report: 04/29/2016

Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Client Project: 16-201-001

BCL Project: LAUSD Berendo MS

BCL Work Order: 1608503

Invoice ID: B230783, B231630, B233865

Enclosed are the results of analyses for samples received by the laboratory on 3/22/2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Tina Green Client Services Manager

Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101



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Total Concentrations (TTLC)	33
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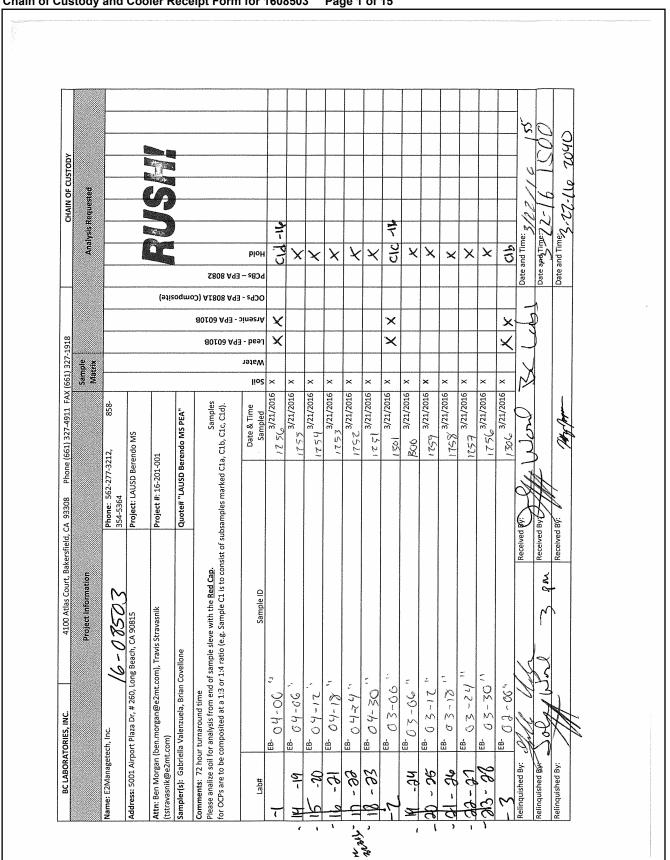
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Chain of Custody and Cooler Receipt Form for 1608503 Page 1 of 15



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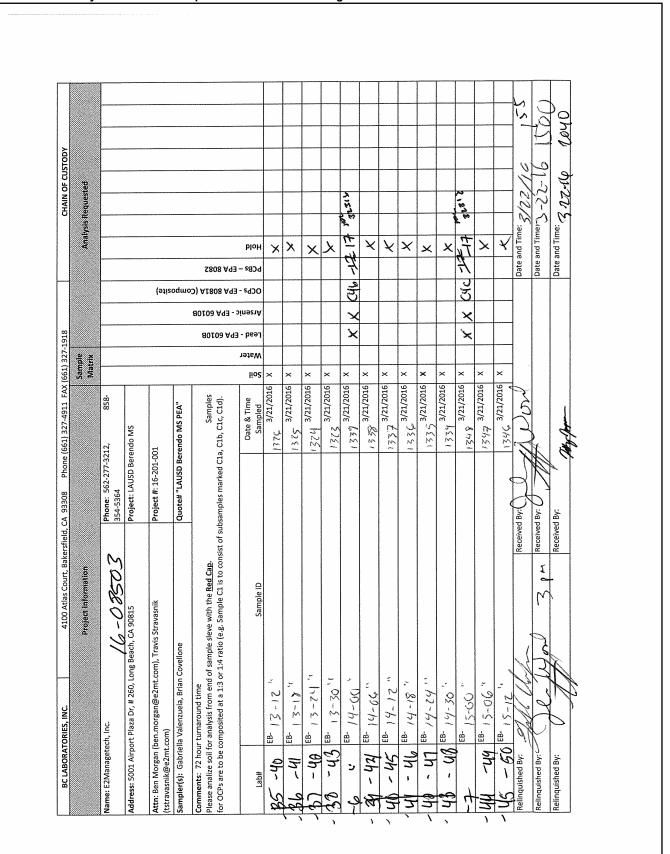


Project information Name: E2Managetech, Inc. (6-03503 Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 90815	ciamo)	
16-0350 B Dr, # 260, Long Beach, CA 90815	Matrix	Analysis Requested
15	Phone: 562-277-3212, 858- 354-5364	
	Project: LAUSD Berendo MS	
Attn: Ben Morgan (ben.morgan@e2mt.com), Travis Stravasnik (tstravasnik@e2mt.com)	Project #: 16-201-001	(ətis
Sampler(s): Gabriella Valenzuela, Brian Covellone	Quote# "LAUSD Berendo MS PEA"	sodw
Comments: 72 hour turnaround time Please analize soil for analysis from end of sample sleve with the <u>Red Cap.</u> for OCPs are to be composited at a 1:3 or 1:4 ratio (e.g. Sample C1 is to cons	ed Cap. Samples is to consist of subsamples marked Cla, Clb, Clc, Cld).	EPA 8081A (Co
Lab# Sample ID	Soil Water Lead - E	
34-29 EB-G2-G6"	2016 X	Ì.
1-80 EB-03-12"	1301 3/21/2016 X	×
"81-20-83 K-	1563 3/21/2016 X	X
1. h2-20-83 88-1	130C 3/21/2016 x	×
38 - 33 EB- 07-30"	1321/2016 X	×
., 20 - 10 -83 · h-	N	41- 00
29 34 EB- G1-06"	1 5 1 3/21/2016 X	×
1	1 5/G 3/21/2016 X	X
-36 EB-01-18"	156 ^Q 3/21/2016 ×	X
- 31 EB- 01-24"	15083/21/2016 X	×
3 - 36 EB- 01-30 V	3/21/2016 X	X
EB- 13 - 00 '	× × × 3/21/2016 × × ×	Ga 1 4
34 39 EB- 17-0G;	x 9102/12/2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 /	X
All They	Received BY	S Date and Time: \$\mathcal{P} \mathcal{P}
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Relinquished By:	Received By:	Date and Time: 3-72-16 2014 D

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Chain of Custody and Cooler Receipt Form for 1608503 Page 3 of 15



Report ID: 1000475975 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 6 of 71



BC LABORATORIES, INC. 4100 A	4100 Atlas Court, Bakersfield, CA 93308	Phone (661) 327-4911 FAX (661) 327-1918	327-1918		CHAIN OF CUSTODY
Project Inform	formation	Sample Matrix	ple	Analysis	Analysis Requested
Name: E2Managetech, Inc.	Phone: 562-277-3212, 354-5364	2-277-3212, 858-			
Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 90815	Project: LA	Project: LAUSD Berendo MS			
Attn: Ben Morgan (ben.morgan@e2mt.com), Travis Stravasnik (frstravasnik@e2mt.com)	Project #: 16-201-001	.6-201-001		/an	
Sampler(s): Gabriella Valenzuela, Brian Covellone	Quote# "LA	Quote# "LAUSD Berendo MS PEA"		soduu	
Comments: 72 hour turnaround time Please analize soil for analysis from end of sample sleve with the <u>Red Cap.</u> for OCPs are to be composited at a 1:3 or 1:4 ratio (e.g. Sample C1 is to co	he <u>Red Cap.</u> Samples e CI is to consist of subsamples marked CIa, CIb, CIc, CId).	Samples rked C1a, C1b, C1c, C1d).	PP 6010B	PA 8081A (Co	
Samole Samole	ole ID	Date & Time Sampled	- sinesıA		
18-15-18;		3/21/2016 X	,		
, h2-51 -B3 C7		3/21/2016 X		×	
53 EB- 15-30"		3/21/2016 X		×	
-8 EB- (8-00."		1436 3/21/2016 X	× ×	CSC -18	
-54 B-18-0C		x 9102/12/8 87hl		×	
· 21-&1-81 S9		x 3/21/2016 X		×	
-56 EB- 18-18"		x 9102/12/8 ±2/1		×	
· 627 EB- 18-34:		142C 3/21/2016 X		×	
1 58 EB- 18-30"		1425 3/21/2016 X		×	
EB- 17-60 "		1445 3/21/2016 X	×	81 9S)	
1-59 EB- 17-66"		1944 3/21/2016 X		`*	
5 860 EB- 17-12"		3/21/2016 X		X	
(& 1- £1 -13 19 - 6	•	x 9102/12/2/hh/		×	
Relinquished By: Myll, (M)	Received By:	Marin T	, (abs	Date and Time:	172/16 (5)
Relinquished By:	BK Received By:	#		Date and Time:	3-11-18
Relinquished By:	Received By:	- March Share		Date and Time: 3,772/10	5,77.46 90'UC)

Report ID: 1000475975 Page 7 of 71



Project		\$5000000000000000000000000000000000000	(100) (201) 251 121 (201) 251 TO	ξ	CHAIN OF CUSTODY
	Project Information	Sample Matrix		Analysis Requested	iested
Name: E2Managetech, Inc. $(6-0)$	Phon 354-5	Phone: 562-277-3212, 858- 354-5364			
Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 90815		Project: LAUSD Berendo MS			
Attn: Ben Morgan (ben.morgan@e2mt.com), Travis Stravasnik (tstravasnik@e2mt.com)		Project #: 16-201-001	site)		
Sampler(s): Gabriella Valenzuela, Brian Covellone	Quot	Quote# "LAUSD Berendo MS PEA"	sodw		
Comments: 72 hour turnaround time Please analize soil for analysis from end of sample sleve with the <u>R</u> for OCPs are to be composited at a 1:3 or 1:4 ratio (e.g. Sample C1		ed <u>Cap.</u> Samples is to consist of subsamples marked C1a, C1b, C1c, C1d).	EPA 6010B	EPA 8082	
San	Sample ID	Date & Time Sampled Soil	oines1A	hold	
" 45- F1 -83 ED					
3 EB- 17-30'		1 y 40 3/21/2016 X		×	
EB- /6~66'		1-45 5 3/21/2016 X	x X	80-	
64 EB- 16-06"		1454 3/21/2016 X		×	
15 EB- 16-12"		1453 3/21/2016 X		×	
(06 EB- 16-18"		1452 3/21/2016 X		*	
1 h2-01 -83 LO		45 3/21/2016 X		×	
68 EB- 16-30 "		-		×	
4-EB- 35-00"		1573 3/21/2016 X	×××	×	
TO EB- 35-06" . 49		152ς 3/21/2016 x		×	
ot- ,21-55-83/		1529 3/21/2016 X		×	
f - 81-25-18"		15 53 3/21/2016 X		×	
6 , "h2-58 -88/	2	1536 3/21/2016 X		X	
IN UM	Received By:	24 W Das B	10/25	Date and Time: 3/2	2/16 15
- Jac. 12mg -	> PM Received By)	Date and Time: 3	<u> </u>
Relinquished By:	Received By:	- mad ship 111		Date and Time: 3-22-(6	0200 972

Report ID: 1000475975



	4100 Atlas Court, Bakerstield, CA 93308 Phone (661) 327-4911 FAX (661) 327-1918	8 CHAIN OF CUSTODY	USTODY
Project information	Sample Matrx	Analysis Requested	
Name: E2Managetech, Inc. $16-03503$ Phone: 5364-5364	Phone: 562-277-3212, 858- 354-5364		
	Project: LAUSD Berendo MS		
Attn: Ben Morgan (ben.morgan@e2mt.com), Travis Stravasnik [Projec (tstravasnik@e2mt.com)	Project #: 16-201-001	(93li	
lenzuela, Brian Covellone	Quote# "LAUSD Berendo MS PEA"	sodw	
Comments: 72 hour turnaround time Please analize soil for analysis from end of sample sleve with the Red Cap. for OCPs are to be composited at a 1.3 or 1.4 ratio (e.g. Sample C1 is to consist of subsample	ed Cap. Samples is to consist of subsamples marked Cla, Clb, Clc, Cld).	80109 Ac	
Mec	6r	13 - 2in Aq3 - 2	
	lio2 15W	Arse OCP	
66-35-36" JE-84	2016 X		
DuP-01-00	X 3/21/2016 x // // // X	×	
21- 00-20-1MQ /E	X 3/21/2016 X	×	
DUP-03-00	1 5 × 3/21/2016 ×	×	
00-	X 3/21/2016 X	×	
-83	3/21/2016 X		
-83	3/21/2016 X	•	
EB-	3/21/2016 X		
EB-	3/21/2016 X		
-83	3/21/2016 X		
Relinquished By: Hilly Hilly Received By: Re	JA July DK	Date and Time: 322	185 B
	W What Iron	1 6	7750
	11.		0

Page 9 of 71 Report ID: 1000475975



Chain of Custody and Cooler Receipt Form for 1608503 Page 7 of 15

BC LABORATORIES INC. Submission #: 16 -0850	7		COOLE	RECEIP	T FORM			P	age	Of 7
SHIPPING INFOR Fed Ex □ UPS □ Ontrac	MATION	nd Deliv	ery 🗆	Ice C	SHIPPING hest 🕽 her 🗀 (Sp	None 🗆	INER Box		FREE L YES □	
Refrigerant: Ice 🖄 Blue Ice 🛭] Nor	ne 🛘	Other 🗆	Con	ments:				Λ	
Custody Seals Ice Chest □ Intact? Yes □ No □	Contail	ners □ s □ No □	7.1	Cor	mments:			X		
All samples received? Yes No 🗆	All sample	s containe	ers intact?	Yes N	0 0	Descri	otion(s) ma	tch COC?	Yee ON	0 []
MARC LINO	issivity:	•			(C) (208 °c	Date/	Time <u>3 · 22</u>	16 2029
						E NUMBERS		1		
SAMPLE CONTAINERS	—	T 2	3	T 4				120	72311	27 U. 18
QT PE UNPRES	T	7		†=	† ****	w pos	101/	+7	40016	Marie
40z/80z/160z PE UNPRES										
2oz Cr*6			\	T					1	
QT INORGANIC CHEMICAL METALS				<u> </u>	T	1	1	1		
NORGANIC CHEMICAL METALS 40z / 80z / 160z						1		T		
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE						100-8i	ls 🗸 .\	Contentional		
toz. NITRATE / NITRITE					· II	8	440 12	101	3/1x	
T TOTAL ORGANIC CARBON					MX	N W	JOIG	10.	J 10	
T CHEMICAL OXYGEN DEMAND					1	and the second	20.000	/\G.	7170	
ta Phenolics										
6ml VOA VIAL TRAVEL BLANK										
0ml VOA VIAL	!									
T EPA 1664										
T ODOR	<u> </u>									
ADIOLOGICAL										
ACTERIOLOGICAL						*			-	
ml VOA VIAL- 504										
T EPA 508/608/8080										
T EPA 515.1/8150	<u> </u>									
T EPA 525										
T EPA 525 TRAVEL BLANK										
ml EPA 547									<u> </u>	
ml EPA 531.1										
z EPA 548		ļ								
T EPA 549										
F EPA 8015M										
Γ EPA 8270										
z/16oz/32oz AMBER										
z / 160z / 320z JAR										
HL SLEEVE XU2	A	A	A	7	A	A	A	A	13	14
B VIAL										
ASTIC BAG			 						ļ	
DLAR BAG			 							
RROUS IRON										
CORE										
ART KIT										
									1	



Chain of Custody and Cooler Receipt Form for 1608503 Page 8 of 15

BC LABORATORIES INC.				COOLE	R RECEI	PT FO	RM	-			Pao	e 2	Of G
Submission #: 10-0950	3	T									1 09		
SHIPPING INFO	DRIMATI	ON				CUIDI	JINIC	CONTA	INIED		_	FDEE 1	IOUID
			Delive	rv 🗆	Icai	Shiri Chest ()		None □		_			DIUDI.
	er ⊡ (Sp	ecify)	Donve	., ш				ecify)	J DOX	L.		(ES L	MO []
7	•						(- p						
Refrigerant: Ice 🖄 Blue Ice	1 🗆	Vone I		Other [Co	nment	s:					9	
Custody Seals Ice Chest □		e Kasak ita	s□	1	\ 1					-	1		
Intact? Yes 🗆 No 🗇	Intact?			i .	ie)⊄ Co	mmen	ts:			,	V/		
	***************************************					_					Ŋ_		
All samples received? Yes ☑ No ☐	All sam	ples co	ontaine	s intact?	Yes	Vo □		Descrip	ption(s) n	natch (CC	C? Y	gad N	o 🗆
COC Received	Emissivity	:00	一天	ロイラ Containe	SPICE	W The	ermor	meter ID:	208	Dat	e/Tim	3.77.	16 n 2029
DYÝES □ NO			7-	_	<i>:</i>					- Dat	C/ 1 1111		2029
	Tempera	ture:	(A)	0.1	· °C	(C)	(<u> </u>	°C	Ana	ılyst lı	it	
0.1.10/ 5.00//5.10/500	<u> </u>		•				MPLI	E NUMBERS	;				
SAMPLE CONTAINERS	35/	30 3	3621	13783	130/3	8	AD	HR NOW	122		в	9	10
OT PE UNPRES								y , `	1 1				
oz/8oz/16oz PE UNPRES				 	_								
oz Cr ¹⁶			•	1							_	· '`	
T INORGANIC CHEMICAL METALS			<u>.</u>	ļ				ļ	ļ				
NORGANIC CHEMICAL METALS 40z / 80z / 16	oz			ļ					ļ				
T CYANIDE		_		ļ									
T NITROGEN FORMS					<u> </u>				ļ				
T TOTAL SULFIDE									<u> </u>	_ -			
oz. NITRATE / NITRITE				ļ	 				ļ		_		
T TOTAL ORGANIC CARBON				ļ	 		_			4	-		
F CHEMICAL OXYGEN DEMAND											-		
A PHENOLICS						-							
ml VOA VIAL TRAVEL BLANK					 	 					+		-
ml VOA VIAL					-								
F EPA 1664					ļ	 · 	\dashv				-		
ODOR						 	\dashv			+	\dashv		 -
DIOLOGICAL CTERIOLOGICAL		\dashv				-	-				\dashv		
mi VOA VIAL-504						 	\dashv				\dashv		-
EPA 508/608/8080						 	-			┪	+		
EPA 515.1/8150	- 	\dashv				├──	\dashv			+	\dashv		
EPA 525	1	\dashv					\dashv			 	+		
EPA 525 TRAVEL BLANK	1	-					十			1	\dashv		
al EPA 547	1	\top	-+			 	\dashv			 	+	•	
il EPA 531.1	1	\top	$\neg \uparrow$		******************		十			 	+		
EPA 548							\dashv			1	\top		
EPA 549	1	\top					-			1	\top		
EPA 8015M		1	$\neg \uparrow$				\top			1	\top		
EPA 8270	1	1	$\neg \uparrow$				\top			1	\top		
/160z/32oz AMBER						·····	\top				1		
/160z / 320z JAR	<u></u>								Δ		\top		
L SLEEVE XUZ	LA	1	\mathbf{H}^{\dagger}	A	A	A	-				\top		
VIAL		ľ											
STIC BAG							丁						
LAR BAG							T						
ROUS IRON													
ORE		T									T		
RT KIT	1	1	$\neg \uparrow$				\top		•		1		
MA CANISTER	1	+-					+				+-		
140 4441													



Chain of Custody and Cooler Receipt Form for 1608503 Page 9 of 15

BC LABORATORIES INC. Submission #: [10-0850]	3		JUULEN	RECEIPT	TOIN			га	ge <u>3</u> (Of 9
SHIPPING INFORI		d Deliver	y 🗆	Ice Ch	HIPPING est ⊠ er □ (Spe	None 🗆	Box □	-	FREE LIQ YES [] N	
Refrigerant: Ice 🖄 Blue Ice □	None		Other 🗆	Comr	nents:					
Custody Seals Ice Chest □	Containe Intact? Yes		None	√ Com	ments:					
All samples received? Yes ☐ No ☐	All samples	containers	intact?	es No		Descrip	tion(s) mate	ch COC?	Yes No	
COC Received Em	issivity:	95	Container	3/9/wee	Thermom	eter ID: _	208 °c	Date/Ti	ne <u>3 · 22 · 1(</u> Init <i>2</i> 7	2029
, <u>, , , , , , , , , , , , , , , , , , </u>	T					NUMBERS				
SAMPLE CONTAINERS	15	pl	137	1 48	19	\$10	39,34	40435	\$4(83%	1234
QT PE UNPRES	T '			70						
40z/80z/160z PE UNPRES							<u> </u>	ļ		
20z Cr*6			1							
OT INORGANIC CHEMICAL METALS							<u> </u>		<u> </u>	
INORGANIC CHEMICAL METALS 40z / 80z / 160z										
PT CYANIDE							ļ			
PT NITROGEN FORMS										
PT TOTAL SULFIDE		<u> </u>								
20z. NITRATE / NITRITE									ļ	
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND	<u> </u>									
PIA PHENOLICS	<u> </u>									
40ml VOA VIAL TRAVEL BLANK	<u> </u>									
40ml VOA VIAL	ļ									
QT EPA 1664									-	
PT ODOR	<u> </u>									
RADIOLOGICAL	ļ									
BACTERIOLOGICAL	<u> </u>									
40 ml VOA VIAL- 504	<u> </u>						<u> </u>			
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525	ļ									
QT EPA 525 TRAVEL BLANK										
40ml EPA 547	 								 	
lôml EPA 531.1	 									
30z EPA 548	 									
QT EPA 549	-									
OT EPA 8015M	ļ									
OT EPA 8270										
oz / 160z / 320z AMBER										
SOIL SLEEVE VOO	A	A	A	R	A	A	A	A	A	X
7	7.3	H	-	N				10	1-1	
PCB VIAL										1
PLASTIC BAG										1
FEDLAR BAG FERROUS IRON										
ENCORE										
SMART KIT	 									
UMMA CANISTER										



Chain of Custody and Cooler Receipt Form for 1608503 Page 10 of 15

BC LABORATORIES INC. Submission #: 16-0850	7		COOLER	RECEIPT	FORM			Pag	ge <u>4</u>	Of 9
SHIPPING INFORM		d Deliver	ry 🗆	Ice Ch	est 🔯	CONTAI None 🗆	Box □		FREE LIC YES [] I	
Refrigerant: Ice ဩ Blue Ice □	None		Other 🗆	Comn	nents:					
Custody Seals Ice Chest □ Intact? Yes □ No □	Containe		None	y∆ Com	ments:					
All samples received? Yeş ☐ No ☐ A	ll samples o	container	s intact? Y	es 🗆 No		Descrip	tion(s) matc	h COC?	Yes I No	
COC Received Emis	ssivity:	•				neter ID:		Date/Tir Analyst	ne <u>3 · 22 · 1</u> Init	2029
	T									
SAMPLE CONTAINERS	43,38	44/2	94 1:40	Myur	2) Luc	NUMBERS	THE SUM	5 64	= 5 Ly	1 Porce
QT PE UNPRES			1		7-77					
4oz/8oz/16oz PE UNPRES										
20z Cr*6			1						1	
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 40z / 80z / 160z										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE								<u></u>		
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON			ļ							
PT CHEMICAL OXYGEN DEMAND										
PLA PHENOLICS			ļ							
0ml VOA VIAL TRAVEL BLANK										
10ml VOA VIAL										
OT EPA 1664					·					
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
0 ml VOA VIAL- 504										
OT EPA 508/608/8080										
T EPA 515.1/8150										
OT EPA 525										
OT EPA 525 TRAVEL BLANK										
0ml EPA 547										
0ml EPA 531.1										
oz EPA 548										
T EPA 549										
OT EPA 8015M										
OT EPA 8270										
oz / 160z / 320z AMBER oz / 160z / 320z JAR							——————————————————————————————————————			
V(I)_	A	A	A	A	A	A	A	A	A	A
	71	1'-	12	7	<u> </u>	-		<u> </u>		-
CB VIAL LASTIC BAG										
EDLAR BAG										
ERROUS IRON										
NCORE										
MART KIT										
MANI ALL										
JMMA CANISTER										



Chain of Custody and Cooler Receipt Form for 1608503 Page 11 of 15

BC LABORATORIES INC. Submission #: 16-0850	7		COOLER	RECEIP	r FORM		······	Pag	e 5	Of <u>7</u>
SHIPPING INFOR		l Deliver		Ice Ch	nest 🔯	CONTAII None 🗆	Box 🗆	122	FREE LIC	
Refrigerant: Ice 🖄 Blue Ice I	☐ None		Other 🗆	Com	ments:					
Custody Seals Ice Chest □ Intact? Yes □ No P	Containe		None	y∆ Con	nments:					
All samples received? Yes ☑ No □	All samples	containers	intact? Y	es 🗆 No	0	Descript	ion(s) mate	ch COC? Y	es 🗆 No	0
COC Received	All samples on issivity:	95	Container ?	81 Steene °C 1	Thermor	meter ID: _{	208 °c	Date/Tim	ne <u>3 · 22 · 1</u> nit	2029
<i></i>										10
SAMPLE CONTAINERS	3 348	5,49	5/180	518	1 5,5%	NUMBERS	500	155	156	185
QT PE UNPRES					 	ļ				
40z/80z/160z PE UNPRES		ļ		 	 	ļ		-		
20z Cr*6	-		1	 	-					<u> </u>
QT INORGANIC CHEMICAL METALS				 	 	}				
INORGANIC CHEMICAL METALS 40z / 80z / 160:	<u>-</u>			 	 	 				
PT CYANIDE					 	 				
PT NITROGEN FORMS	-				 					
PT TOTAL SULFIDE									·····	
20z. NITRATE / NITRITE		,			 					
PT TOTAL ORGANIC CARBON	-		 							
PT CHEMICAL OXYGEN DEMAND					 					
PIA PHENOLICS					 					
40ml VOA VIAL TRAVEL BLANK	-				 					
40ml VOA VIAL	1									
QT EPA 1664	1				 					
PT ODOR					 					
RADIOLOGICAL	1									
BACTERIOLOGICAL	1									
40 ml VOA VIAL- 504	1				<u> </u>					
QT EPA 508/608/8080	-									
OT EPA 515.1/8150	1								t	
OT EPA 525										
OT EPA 525 TRAVEL BLANK	1									
10ml EPA 547										
Úml EPA 531.1	1									
Soz EPA 548	1							<u> </u>		
OT EPA 549										
OT EPA 8015M OT EPA 8270	1									
oz / 16oz / 32oz AMBER oz / 16oz / 32oz JAR										
COLL SLEEVE XOO	A	A	A	A	A	A	A	A	A	A
PCB VIAL				_/-1						
LASTIC BAG										
EDLAR BAG										
ERROUS IRON										
ENCORE										
MART KIT										
UMMA CANISTER		1	- 1		ı i					





Chain of Custody and Cooler Receipt Form for 1608503 Page 12 of 15

BC LABORATORIES INC. Submission #: 16-03503			COOLER	RECEIP	FORIVI			Pa	ge <u>6</u> (Jr _(
SHIPPING INFORM Fed Ex UPS Ontrac BC Lab Field Service Other IATION] Hand	d Delive		Ice Ch	est 🔯	CONTAI None □ ecify)	Box □		FREE LIC YES D		
Refrigerant: Ice △ Blue Ice □	None		Other 🗆	Com	nents:					
	Containe			∑ Com	ments:					
All samples received? Yes ☑ No □ A	ll samples	container	s intact? Y	es No		Descrip	tion(s) mat	ch COC?	Yes. ☐ No	10
COC Received Emis	sivity:	95	Container	3196eere	Thermor	neter ID: _	208	Date/Ti	ime <u>3 - 22 - 1</u> : Init <u>27</u>	2000
YES NO	mnoraturo	(10	°C /	(0)	.	°C	Analyst	Init 27	2029
7	I	(A)	1.0							
SAMPLE CONTAINERS	73KV1	011 //	Tar		7	E NUMBERS		T -		r
OT PE UNPRES	12/40	1924	3	4	5	<u> </u> 6	7	8	9	10
QT PE UNPRES 4oz/8oz/16oz PE UNPRES			1					1		
20z Cr*6			1						1.	
OT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 40z / 80z / 160z										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON						<u> </u>			-	
PT CHEMICAL OXYGEN DEMAND			-						-	
PIA PHENOLICS									-	
0ml VOA VIAL TRAVEL BLANK										
iomi voa vial			-						 	
OT EPA 1664					-					
T ODOR RADIOLOGICAL										
BACTERIOLOGICAL										
0 ml VOA VIAL- 504						- 14				
OT EPA 508/608/8080										
OT EPA 515.1/8150										
OT EPA 525										
OT EPA 525 TRAVEL BLANK										
0ml EPA 547										
0ml EPA 531,1										
oz EPA 548									-	
T EPA 549										
T EPA 8015M										
T EPA 8270								_,	 	
pz/16oz/32oz AMBER	A	A								
oz/ 16oz/32oz JAR										
OIL SLEEVE CB VIAL										
LASTIC BAG										
EDLAR BAG										
ERROUS IRON										
NCORE										
MART KIT										



Chain of Custody and Cooler Receipt Form for 1608503 Page 13 of 15

BC LABORATORIES INC.			COOLER	RECEIP	T FORM			P	age 👤	Of 9
Submission #: /(2-0850)	3									
SHIPPING INFORM				7	SHIPPING	CONTA	INIED	T	FREE LI	OND
Fed Ex UPS Ontrac		nd Delive	rv 🗇				Box 🗆		YES □	
BC Lab Field Service Other [∃ (Specif	y)	-,	Otl	ner 🗀 (Sp	ecify)		_		
				<u> </u>						
Refrigerant: Ice 🖄 Blue Ice □	Non	e 🗆	Other 🗆	Com	ments:					
Custody Seals lice Chest □	Contain			y∆ Con	nments:					
All samples received? Yes ☑ No ☐ A	ll samples	containe	s intact? Y	es 🗷 N	0 🗆	Descri	otion(s) mat	ch COC?	Yes [] No	í 🗆
	sivity:	95	Container	31 Steen	2 Thermo	meter ID:	208	Date/1	ime 3-22-	(6000
MACO ENO	_	Ū							7	202
YES INO Te	mperature	: (A)	1.0	°C /	(C) /	<u>' - </u>	°C	Analys	t init	
		- 4			SAMPL	E NUMBERS	·			
SAMPLE CONTAINERS	17:57	16/19	7360	AU	1 96	X 66	3 69 1 66 B	17486	5764	1206
QT PE UNPRES					/		ļ		<u> </u>	
40z/80z/160z PE UNPRES		 	 	 		 		ļ	-	
2oz Cr⁴ ⁶		 	1		 		 	ļ	· ``	
OT INORGANIC CHEMICAL METALS		_	 		-	 	_	<u> </u>		+
NORGANIC CHEMICAL METALS 40z / 80z / 160z			-		 	 	 	<u> </u>		-
T CYANIDE			-		 	 	 			
T NITROGEN FORMS		 			 	 		 	-	+
T TOTAL SULFIDE		 	-			-	 	 	+	
oz. NITRATE / NITRITE		 				 	 	 		
T TOTAL ORGANIC CARBON			 		 	ļ	 			-
T CHEMICAL OXYGEN DEMAND					 	 	 		1	
TA PHENOLICS					 	 			-	
0ml VOA VIAL TRAVEL BLANK		 	-		 				 	
0ml VOA VIAL		 								
)T EPA 1664			1		-					1
T ODOR		 								
ADIOLOGICAL ACTERIOLOGICAL						<u> </u>				
0 ml VOA VIAL- 504 PT EPA 508/608/8080										
T EPA 515.1/8150										
T EPA 525										
T EFA 525 T EPA 525 TRAVEL BLANK	-									
Oml EPA 547										
om EPA 531.1										
z EPA 548									<u> </u>	ļ
T EPA 549										
T EPA 8015M										
T EPA 8270										
2/16oz/32oz AMBER									 	
z) 160z / 320z JAR							A	A	A	A
SIL SLEEVE X09	A	A	A	A	1	H			<u> </u>	
CB VIAL									 	
ASTIC BAG									 	
EDLAR BAG										
ERROUS IRON									 	
NCORE										
MART KIT										
IMMA CANISTER										



Chain of Custody and Cooler Receipt Form for 1608503 Page 14 of 15

										-
BC LABORATORIES INC.	_		COOL	R RECE	PT FORI	Л		P:	age 8	Of G
Submission #: 16-0856	031	***************************************		***************************************	***************************************				ugo	
SHIPPING INFORM	AATIO	NI		7	CHUDDU	10.00	TALLED.	——IF		
Fed Ex UPS Ontrac		w and Deli	verv 🗆	ico	SHIPPII Chest 🕅	None None	ITAINER Box	_	FREE LIC	
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Chain of Custody and Cooler Receipt Form for 1608503 Page 15 of 15

BC LABORATORIES INC. Submission #: 6-0350	13		000	LER REC	EIPT FOF	RM			Page 7	Of 7
SHIPPING INFO Fed Ex UPS UPS Ontra BC Lab Field Service Oth		Hand De	livery □	lce	Chest 🔯	ING CON None (Specify)	ΓAINER □ Box			LIQUID NO
Refrigerant: Ice 🖄 Blue Ice		one 🗆	Othe	r 🗆 C	omments	:			A	
Custody Seals Ice Chest I		ainers.∟ Yes ⊡ No		one 🗘 (Comment	s:		1		
All samples received? Yes ☑ No □	All samp	oles conta	iners intag	t? Yes	No. 🗆	Desc	cription(s) r	natch (CO	? Yes 🗁	No []
COC Received E			_			mometer ID	: 208	Date	/Time <u>3·2</u>	216 2029
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5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

04/29/2016 10:59 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608503-01	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:56
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-04-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	Campled By.		Cample Type.	
1608503-02	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:01
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-03-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	Campled By.		Cample Type.	
1608503-03	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:06
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-02-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	Campled By.		Cample Type.	
1608503-04	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:12
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-01-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	Sampled By.		Затре туре.	
1608503-05	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:28
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-13-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	Jampieu by.		Затре туре.	
1608503-06	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:39
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-14-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	Campieu by.		Sample Type.	
1608503-07	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:48
	Sampling Location:		Sample Depth:	
	. •	EB-15-00"	Lab Matrix:	Solids
	Sampling Point:			Soil
	Sampled By:		Sample Type:	Juli

Report ID: 1000475975



Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

04/29/2016 10:59 Reported:

> Project Number: 16-201-001 Project Manager: Daryl Hernandez

Project: LAUSD Berendo MS

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608503-08	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 14:30
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-18-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-09	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 14:45
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-17-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1000502 40				00/04/0040 00 40
1608503-10	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 14:55
	Sampling Location:	 	Sample Depth:	
	Sampling Point:	EB-16-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-11	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 15:23
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-35-00"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-12	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 10:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	DUP-01-00	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-13	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 20:48
	-		Sampling Date: Sample Depth:	
	Sampling Location:	DUP-02-00		Solids
	Sampling Point:	DOP-02-00 	Lab Matrix:	·
	Sampled By:		Sample Type:	Soil
1608503-14	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:30
	Sampling Location:		Sample Depth:	
	Sampling Point:	DUP-03-00	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	Sampled by.		Sample Type:	

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Long Beach, CA 90815

04/29/2016 10:59 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608503-15	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 DUP-04-00	Receive Date: Sampling Date: Sample Depth: Lab Matrix: Sample Type:	03/21/2016 20:40 03/21/2016 15:00 Solids Soil
1608503-16	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 Composite of C1 (A, B, C, D)	Receive Date: Sampling Date: Sample Depth: Lab Matrix: Sample Type:	03/21/2016 20:40 03/21/2016 13:12 Solids Soil
1608503-17	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 Composite of C4 (A, B, C) 	Receive Date: Sampling Date: Sample Depth: Lab Matrix: Sample Type:	03/21/2016 20:40 03/21/2016 13:48 Solids Soil
1608503-18	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 Composite of C5 (A, B, C)	Receive Date: Sampling Date: Sample Depth: Lab Matrix: Sample Type:	03/21/2016 20:40 03/21/2016 14:55 Solids Soil
1608503-19	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 EB-04-06" 	Receive Date: Sampling Date: Sample Depth: Lab Matrix: Sample Type:	03/21/2016 20:40 03/21/2016 12:55 Solids Soil
1608503-20	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 EB-04-12"	Receive Date: Sampling Date: Sample Depth: Lab Matrix: Sample Type:	03/21/2016 20:40 03/21/2016 12:54 Solids Soil
1608503-21	COC Number: Project Number: Sampling Location: Sampling Point: Sampled By:	 EB-04-18" 	Receive Date: Sampling Date: Sample Depth: Lab Matrix: Sample Type:	03/21/2016 20:40 03/21/2016 12:53 Solids Soil

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

04/29/2016 10:59 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608503-22	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:52
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-04-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	<u> </u>			
1608503-23	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:51
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-04-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-24	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-03-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-25	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:59
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-03-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-26	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:58
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-03-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-27	COO Name to a second		Desire B.	02/24/2040 20:40
1000003-21	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:57
	Sampling Location:	 FR 03 24"	Sample Depth:	 Colido
	Sampling Point:	EB-03-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-28	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 12:56
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-03-30"	Lab Matrix:	Solids
	Sampling Point: Sampled By:		Lab Matrix: Sample Type:	Soil
	Sampled by.		Janiple Type:	

Page 22 of 71 Report ID: 1000475975



Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

04/29/2016 10:59 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608503-29	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:05
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-02-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-30	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:04
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-02-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-31	COC Number:		Receive Date:	03/21/2016 20:40
.00000-01				03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2010 13.03
	Sampling Location:	 ED 02 10"	Sample Depth:	Solids
	Sampling Point:	EB-02-18" 	Lab Matrix:	Soil
	Sampled By:		Sample Type:	3011
1608503-32	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:02
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-02-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-33	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:01
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-02-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-34	COC Number:		Receive Date:	03/21/2016 20:40
				03/21/2016 20:40
	Project Number:	 	Sampling Date:	
	Sampling Location:	 EB-01-06"	Sample Depth:	Solids
	Sampling Point: Sampled By:	EB-01-00 	Lab Matrix:	·
	Sampleu by:		Sample Type:	Soil
1608503-35	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:10
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-01-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

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5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

04/29/2016 10:59 Reported:

Project: LAUSD Berendo MS Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608503-36	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:09
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-01-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
			F - 21	
1608503-37	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:08
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-01-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-38	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:07
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-01-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-39	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:27
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-13-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	Campica 2y.		Campie Type:	
1608503-40	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:26
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-13-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1000500 11				
1608503-41	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:25
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-13-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-42	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 20:40
	Sampling Location:		Sample Depth:	
		EB-13-24"		Solids
	Sampling Point:	EB-13-24 	Lab Matrix:	Soil
	Sampled By:		Sample Type:	

Report ID: 1000475975



Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

04/29/2016 10:59 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608503-43	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:23
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-13-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-44	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:38
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-14-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-45	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:37
	Sampling Location:		Sample Depth:	
		EB-14-12"		Solids
	Sampling Point:	EB-14-12 	Lab Matrix:	Soil
	Sampled By:		Sample Type:	3011
1608503-46	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:36
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-14-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-47	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:35
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-14-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-48	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:34
	Sampling Location:		Sample Depth:	
	. •	EB-14-30"		Solids
	Sampling Point:	_D-1 4- 00	Lab Matrix:	Soil
	Sampled By:		Sample Type:	JOII
1608503-49	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:47
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-15-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

Page 25 of 71 Report ID: 1000475975



5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

04/29/2016 10:59 Reported:

Project: LAUSD Berendo MS Project Number: 16-201-001

Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608503-50	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:46
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-15-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-51	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:45
	Sampling Location:		Sample Depth:	
	. •	EB-15-18"	• •	Solids
	Sampling Point:		Lab Matrix:	Soil
	Sampled By:		Sample Type:	3011
1608503-52	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:44
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-15-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-53	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 13:43
	-			
	Sampling Location:		Sample Depth:	Solids
	Sampling Point:	EB-15-30" 	Lab Matrix:	Soil
	Sampled By:		Sample Type:	3011
1608503-54	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 14:29
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-18-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-55	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 14:28
	Sampling Location:	 	Sample Depth:	
		EB-18-12"		Solids
	Sampling Point:		Lab Matrix: Sample Type:	Soil
	Sampled By:		запіріе Туре:	
1608503-56	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 14:27
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-18-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

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5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

04/29/2016 10:59 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608503-57	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 14:26
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-18-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-58	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 14:25
	Sampling Location:		Sample Depth:	
		EB-18-30"	• •	Solids
	Sampling Point:	EB-10-30	Lab Matrix:	Soil
	Sampled By:		Sample Type:	3011
1608503-59	COO Normalis and		Bassina Betar	02/24/2040 20:40
1000003-09	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 14:44
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-17-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
4000500 00				00/04/0040 00 40
1608503-60	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 14:43
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-17-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-61	COO Normalis and		Panairo Patar	03/31/3016 30:40
1000303-01	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 14:42
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-17-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-62	COC Number		Receive Date:	03/21/2016 20:40
. 500000-02	COC Number:			
	Project Number:		Sampling Date:	03/21/2016 14:41
	Sampling Location:	 ED 47 04!!	Sample Depth:	 O-11-1-
	Sampling Point:	EB-17-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-63	COC Number:		Pagaina Data	03/21/2016 20:40
100000-00			Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 14:40
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-17-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

Report ID: 1000475975



Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

04/29/2016 10:59 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608503-64	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 14:54
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-16-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1000000 00				00/04/0040 00 40
1608503-65	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 14:53
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-16-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-66	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 14:52
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-16-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	Campled By.		Cample Type.	
1608503-67	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 14:51
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-16-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-68	COC Number:		Receive Date:	03/21/2016 20:40
				03/21/2016 14:50
	Project Number:		Sampling Date:	
	Sampling Location:	 FD 46 20"	Sample Depth:	 Colido
	Sampling Point:	EB-16-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-69	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 15:26
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-35-06"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-70	000 Noveles		B 5 /	00/04/0040 00:40
1000003-70	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 15:29
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-35-12"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

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5001 Airport Plaza Drive, Suite 260

04/29/2016 10:59 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1608503-71	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 15:33
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-35-18"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-72	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 15:36
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-35-24"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1608503-73	COC Number:		Receive Date:	03/21/2016 20:40
	Project Number:		Sampling Date:	03/21/2016 15:38
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-35-30"	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

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E2 Managetech 5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

04/29/2016 10:59 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608503-01	Client Sampl	e Name:	EB-04-00	", 3/21/201	6 12:56:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		3.0	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		39	mg/kg	2.5	0.28	EPA-6010B	1000		1

	Run					QC			
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID		
1	EPA-6010B	03/23/16	03/24/16 10:57	JCC	PE-OP3	1	BZC2449		

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

04/29/2016 10:59 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608503-02	Client Sampl	e Name:	EB-03-00	", 3/21/201	6 1:01:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		3.3	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		57	mg/kg	2.5	0.28	EPA-6010B	1000		1

	Run					QC				
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID			
1	EPA-6010B	03/23/16	03/24/16 11:25	JCC	PE-OP3	0.952	BZC2449			

Report ID: 1000475975



Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

04/29/2016 10:59 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608503-03	Client Sample	e Name:	EB-02-00	", 3/21/201	6 1:06:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		1.7	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		19	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
1	EPA-6010B	03/23/16	03/24/16 11:26	JCC	PE-OP3	0.962	BZC2449

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported: 04/29/2016 10:59

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608503-04	Client Sample	e Name:	EB-01-00'	', 3/21/201	6 1:12:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		1.5	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		14	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/23/16	03/24/16 11:27	JCC	PE-OP3	0.935	BZC2449	

Report ID: 1000475975



04/29/2016 10:59 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Total Concentrations (TTLC)

BCL Sample ID:	1608503-05	Client Sample	e Name:	EB-13-00	", 3/21/201	6 1:28:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		1.7	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		9.4	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
1	EPA-6010B	03/23/16	03/24/16 11:29	JCC	PE-OP3	0.971	BZC2449

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Reported: 04/29/2016 10:59 Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Total Concentrations (TTLC)

BCL Sample ID:	1608503-06	Client Sampl	e Name:	EB-14-00	", 3/21/201	6 1:39:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		ND	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		7.3	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC	
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/23/16	03/24/16 11:30	JCC	PE-OP3	0.917	BZC2449	

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Reported: 04/29/2016 10:59 Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Total Concentrations (TTLC)

BCL Sample ID:	1608503-07	Client Sample	e Name:	EB-15-00'	', 3/21/201	6 1:48:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		0.81	mg/kg	1.0	0.40	EPA-6010B	500	J	1
Lead		10	mg/kg	2.5	0.28	EPA-6010B	1000		1

				Run				QC
R	Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
	1	EPA-6010B	03/23/16	03/24/16 11:31	JCC	PE-OP3	0.917	BZC2449

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5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

04/29/2016 10:59 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608503-08	Client Sample	e Name:	EB-18-00	", 3/21/201	6 2:30:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		ND	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		5.0	mg/kg	2.5	0.28	EPA-6010B	1000		1

				Run				QC
Ru	ın #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
	1	EPA-6010B	03/23/16	03/24/16 11:32	JCC	PE-OP3	0.971	BZC2449

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04/29/2016 10:59 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Total Concentrations (TTLC)

BCL Sample ID:	1608503-09	Client Sampl	e Name:	EB-17-00	", 3/21/201	6 2:45:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		0.96	mg/kg	1.0	0.40	EPA-6010B	500	J	1
Lead		4.3	mg/kg	2.5	0.28	EPA-6010B	1000		1

				Run				QC	
Ru	ın #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
	1	EPA-6010B	03/23/16	03/24/16 11:40	JCC	PE-OP3	0.962	BZC2449	

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5001 Airport Plaza Drive, Suite 260

04/29/2016 10:59 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Long Beach, CA 90815 **Total Concentrations (TTLC)**

BCL Sample ID:	1608503-10	Client Sampl	e Name:	EB-16-00	", 3/21/201	6 2:55:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		0.53	mg/kg	1.0	0.40	EPA-6010B	500	J	1
Lead		3.5	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC	
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/23/16	03/24/16 11:41	JCC	PE-OP3	0.926	BZC2449	

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported: 04/29/2016 10:59 Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	1608503-11	Client Sample	e Name:	EB-35-00	", 3/21/2016	3:23:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Aldrin		ND	mg/kg	0.0010	0.000036	EPA-8081A	1.4	A10	1
alpha-BHC		ND	mg/kg	0.0010	0.000072	EPA-8081A		A10	1
beta-BHC		ND	mg/kg	0.0010	0.000060	EPA-8081A		A10	1
delta-BHC		ND	mg/kg	0.0010	0.000064	EPA-8081A		A10	1
gamma-BHC (Lindane)		ND	mg/kg	0.0010	0.000064	EPA-8081A	4.0	A10	1
Chlordane (Technical)		0.16	mg/kg	0.050	0.0023	EPA-8081A	2.5		2
4,4'-DDD		ND	mg/kg	0.0010	0.000094	EPA-8081A	1.0	A10	1
4,4'-DDE		ND	mg/kg	0.0010	0.00011	EPA-8081A	1.0	A10	1
4,4'-DDT		ND	mg/kg	0.0010	0.00018	EPA-8081A	1.0	A10	1
Dieldrin		ND	mg/kg	0.0010	0.000084	EPA-8081A	8.0	A10	1
Endosulfan I		ND	mg/kg	0.0010	0.000090	EPA-8081A		A10	1
Endosulfan II		ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
Endosulfan sulfate		ND	mg/kg	0.0010	0.000064	EPA-8081A		A10	1
Endrin		ND	mg/kg	0.0010	0.00012	EPA-8081A	0.2	A10	1
Endrin aldehyde		ND	mg/kg	0.0010	0.00015	EPA-8081A		A10	1
Heptachlor		ND	mg/kg	0.0010	0.000034	EPA-8081A	4.7	A10	1
Heptachlor epoxide		ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
Methoxychlor		ND	mg/kg	0.0010	0.00013	EPA-8081A	100	A10	1
Toxaphene		ND	mg/kg	0.10	0.013	EPA-8081A	5	A10	1
TCMX (Surrogate)		106	%	20 - 130 (LC	CL - UCL)	EPA-8081A		A10	1
Decachlorobiphenyl (Sui	rrogate)	104	%	40 - 130 (LC	CL - UCL)	EPA-8081A		A10	1

	Run						QC			
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID			
1	EPA-8081A	03/23/16	03/24/16 10:39	KEP	GC-17	2.027	BZC2542			
2	EPA-8081A	03/23/16	03/24/16 14:24	KEP	GC-14	1.014	BZC2542			

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Long Beach, CA 90815

04/29/2016 10:59 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1608503-11	Client Sampl	e Name:	EB-35-00	", 3/21/201	6 3:23:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
PCB-1016		ND	mg/kg	0.010	0.0068	EPA-8082	50		1
PCB-1221		ND	mg/kg	0.010	0.0040	EPA-8082	50		1
PCB-1232		ND	mg/kg	0.010	0.0036	EPA-8082	50		1
PCB-1242		ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1248		ND	mg/kg	0.010	0.0029	EPA-8082	50		1
PCB-1254		0.022	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260		ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summati	ion)	0.022	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (S	urrogate)	68.3	%	40 - 120 (LC	L - UCL)	EPA-8082			1

			Run				QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-8082	03/23/16	03/24/16 10:33	ZZZ	GC-15	1.007	BZC2540	

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5001 Airport Plaza Drive, Suite 260

Reported: 04/29/2016 10:59 Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Daryl Hernandez

WET Test (STLC)

BCL Sample ID:	1608503-11	Client Sampl	e Name:	EB-35-00	", 3/21/201	6 3:23:00PM			
Constituent		Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	Run #
Lead	_	8.5	mg/L	0.50	0.16	EPA-6010B	5.0		1

			Run				QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/31/16	04/01/16 15:04	JCC	PE-OP3	1	BZC3219	

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Reported: 04/29/2016 10:59 Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

TCLP Toxicity

BCL Sample ID:	1608503-11	Client Sampl	e Name:	EB-35-00'	", 3/21/201	6 3:23:00PM			
Constituent		Result	Units	PQL	MDL	Method	TCLP Limits	Lab Quals	Run#
Lead		0.057	mg/L	0.50	0.030	EPA-6010B	5.0	J	1

			Run				QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/30/16	03/31/16 12:36	JCC	PE-OP3	1	BZC3091	

Report ID: 1000475975



E2 Managetech 04/29/2016 10:59 Reported: 5001 Airport Plaza Drive, Suite 260 Project: LAUSD Berendo MS

Long Beach, CA 90815 Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608503-11	Client Sampl	e Name:	EB-35-00	", 3/21/201	6 3:23:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		33	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		160	mg/kg	2.5	0.28	EPA-6010B	1000		1

				Run				QC
Ru	ın #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
	1	EPA-6010B	03/23/16	03/24/16 11:42	JCC	PE-OP3	0.962	BZC2449

Report ID: 1000475975



04/29/2016 10:59 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Total Concentrations (TTLC)

BCL Sample ID:	1608503-12	Client Sample	e Name:	DUP-01-0	0, 3/21/20	16 10:00:00AM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		6.4	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		26	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
1	EPA-6010B	03/23/16	03/24/16 11:44	JCC	PE-OP3	0.962	BZC2449

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5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

04/29/2016 10:59 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608503-13	Client Sampl	e Name:	DUP-02-0	0, 3/21/20	16 10:48:00AM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		0.59	mg/kg	1.0	0.40	EPA-6010B	500	J	1
Lead		6.8	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC	
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/23/16	03/24/16 11:45	JCC	PE-OP3	0.917	BZC2449	

Report ID: 1000475975



5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

04/29/2016 10:59 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608503-14	Client Sampl	e Name:	DUP-03-0	0, 3/21/20	16 1:30:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		0.62	mg/kg	1.0	0.40	EPA-6010B	500	J	1
Lead		7.9	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC	
Run	# Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/23/16	03/24/16 11:50	JCC	PE-OP3	0.962	BZC2449	

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Reported: 04/29/2016 10:59 Project: LAUSD Berendo MS 5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815 Project Number: 16-201-001 Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	1608503-15	Client Sample	e Name:	DUP-04-0	00, 3/21/201	6 3:00:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Aldrin		ND	mg/kg	0.0010	0.000036	EPA-8081A	1.4		1
alpha-BHC		ND	mg/kg	0.0010	0.000072	EPA-8081A			1
beta-BHC		ND	mg/kg	0.0010	0.000060	EPA-8081A			1
delta-BHC		ND	mg/kg	0.0010	0.000064	EPA-8081A			1
gamma-BHC (Lindane)		ND	mg/kg	0.0010	0.000064	EPA-8081A	4.0		1
Chlordane (Technical)		0.12	mg/kg	0.050	0.0023	EPA-8081A	2.5		2
4,4'-DDD		ND	mg/kg	0.0010	0.000094	EPA-8081A	1.0		1
4,4'-DDE		ND	mg/kg	0.0010	0.00011	EPA-8081A	1.0		1
4,4'-DDT		ND	mg/kg	0.0010	0.00018	EPA-8081A	1.0		1
Dieldrin		ND	mg/kg	0.0010	0.000084	EPA-8081A	8.0		1
Endosulfan I		ND	mg/kg	0.0010	0.000090	EPA-8081A			1
Endosulfan II		ND	mg/kg	0.0010	0.00014	EPA-8081A			1
Endosulfan sulfate		ND	mg/kg	0.0010	0.000064	EPA-8081A			1
Endrin		ND	mg/kg	0.0010	0.00012	EPA-8081A	0.2		1
Endrin aldehyde		ND	mg/kg	0.0010	0.00015	EPA-8081A			1
Heptachlor		ND	mg/kg	0.0010	0.000034	EPA-8081A	4.7		1
Heptachlor epoxide		ND	mg/kg	0.0010	0.00012	EPA-8081A			1
Methoxychlor		ND	mg/kg	0.0010	0.00013	EPA-8081A	100		1
Toxaphene		ND	mg/kg	0.10	0.013	EPA-8081A	5		1
TCMX (Surrogate)		99.4	%	20 - 130 (LC	CL - UCL)	EPA-8081A			1
Decachlorobiphenyl (Sur	rogate)	102	%	40 - 130 (LC	CL - UCL)	EPA-8081A			1

			Run				QC
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
1	EPA-8081A	03/23/16	03/24/16 10:51	KEP	GC-17	2.034	BZC2542
2	EPA-8081A	03/23/16	03/24/16 14:37	KEP	GC-14	1.017	BZC2542

Report ID: 1000475975

5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 04/29/2016 10:59

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1608503-15	Client Sampl	e Name:	DUP-04-0	0, 3/21/20	16 3:00:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
PCB-1016		ND	mg/kg	0.010	0.0068	EPA-8082	50		1
PCB-1221		ND	mg/kg	0.010	0.0040	EPA-8082	50		1
PCB-1232		ND	mg/kg	0.010	0.0036	EPA-8082	50		1
PCB-1242		ND	mg/kg	0.010	0.0026	EPA-8082	50		1
PCB-1248		ND	mg/kg	0.010	0.0029	EPA-8082	50		1
PCB-1254		0.053	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260		ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summatio	n)	0.053	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Su	rrogate)	60.0	%	40 - 120 (LC	L - UCL)	EPA-8082			1

			Run				QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-8082	03/23/16	03/24/16 10:22	ZZZ	GC-15	0.993	BZC2540	

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E2 Managetech 5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

04/29/2016 10:59 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1608503-15	Client Sample	e Name:	DUP-04-0	0, 3/21/20	16 3:00:00PM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		34	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		170	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC	
Run	# Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/23/16	03/24/16 11:48	JCC	PE-OP3	0.952	BZC2449	

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Long Beach, CA 90815

Reported: 04/29/2016 10:59 Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	1608503-16	Client Sampl	e Name:	Composite of C1 (A, B, C, D), 3/21/2016 1:12:00PM					
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Aldrin		ND	mg/kg	0.075	0.0027	EPA-8081A	1.4	A10	1
alpha-BHC		ND	mg/kg	0.075	0.0054	EPA-8081A		A10	1
beta-BHC		ND	mg/kg	0.075	0.0045	EPA-8081A		A10	1
delta-BHC		ND	mg/kg	0.075	0.0048	EPA-8081A		A10	1
gamma-BHC (Lindane)		ND	mg/kg	0.075	0.0048	EPA-8081A	4.0	A10	1
Chlordane (Technical)		ND	mg/kg	7.5	0.34	EPA-8081A	2.5	A10	1
4,4'-DDD		ND	mg/kg	0.075	0.0070	EPA-8081A	1.0	A10	1
4,4'-DDE		ND	mg/kg	0.075	0.0086	EPA-8081A	1.0	A10	1
4,4'-DDT		ND	mg/kg	0.075	0.013	EPA-8081A	1.0	A10	1
Dieldrin		ND	mg/kg	0.075	0.0063	EPA-8081A	8.0	A10	1
Endosulfan I		ND	mg/kg	0.075	0.0068	EPA-8081A		A10	1
Endosulfan II		ND	mg/kg	0.075	0.011	EPA-8081A		A10	1
Endosulfan sulfate		ND	mg/kg	0.075	0.0048	EPA-8081A		A10	1
Endrin		ND	mg/kg	0.075	0.0093	EPA-8081A	0.2	A10	1
Endrin aldehyde		ND	mg/kg	0.075	0.011	EPA-8081A		A10	1
Heptachlor		ND	mg/kg	0.075	0.0026	EPA-8081A	4.7	A10	1
Heptachlor epoxide		ND	mg/kg	0.075	0.0092	EPA-8081A		A10	1
Methoxychlor		ND	mg/kg	0.075	0.0099	EPA-8081A	100	A10	1
Toxaphene		ND	mg/kg	7.5	0.96	EPA-8081A	5	A10	1
TCMX (Surrogate)		75.4	%	20 - 130 (LC	CL - UCL)	EPA-8081A		A10	1
Decachlorobiphenyl (Sur	rogate)	92.0	%	40 - 130 (LC	CL - UCL)	EPA-8081A		A10	1

		Run					QC					
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID					
1	EPA-8081A	03/23/16	03/24/16 10:05	KEP	GC-17	150	BZC2542					

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported: 04/29/2016 10:59 Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Daryl Hernandez

WET Test (STLC)

BCL Sample ID:	1608503-16	Client Sampl	ent Sample Name: Composite of C1 (A, B, C, D), 3/21/2016 1:12:00PM							
Constituent		Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	Run #	
Lead		2.7	mg/L	0.50	0.16	EPA-6010B	5.0		1	

			Run				QC	
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/31/16	04/01/16 15:15	JCC	PE-OP3	1	BZC3219	

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E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815 Reported: 04/29/2016 10:59
Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	1608503-17	Client Sample	e Name:	Composit	e of C4 (A,	B, C), 3/21/2016	6 1:48:00PM		
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Aldrin		ND	mg/kg	0.0025	0.000090	EPA-8081A	1.4	A10	1
alpha-BHC		ND	mg/kg	0.0025	0.00018	EPA-8081A		A10	1
beta-BHC		ND	mg/kg	0.0025	0.00015	EPA-8081A		A10	1
delta-BHC		ND	mg/kg	0.0025	0.00016	EPA-8081A		A10	1
gamma-BHC (Lindane)		ND	mg/kg	0.0025	0.00016	EPA-8081A	4.0	A10	1
Chlordane (Technical)		ND	mg/kg	0.25	0.012	EPA-8081A	2.5	A10	1
4,4'-DDD		0.00066	mg/kg	0.0025	0.00024	EPA-8081A	1.0	J,A10	1
4,4'-DDE		0.0011	mg/kg	0.0025	0.00028	EPA-8081A	1.0	J,A10	1
4,4'-DDT		0.00054	mg/kg	0.0025	0.00044	EPA-8081A	1.0	J,A10	1
Dieldrin		ND	mg/kg	0.0025	0.00021	EPA-8081A	8.0	A10	1
Endosulfan I		ND	mg/kg	0.0025	0.00022	EPA-8081A		A10	1
Endosulfan II		ND	mg/kg	0.0025	0.00036	EPA-8081A		A10	1
Endosulfan sulfate		ND	mg/kg	0.0025	0.00016	EPA-8081A		A10	1
Endrin		ND	mg/kg	0.0025	0.00031	EPA-8081A	0.2	A10	1
Endrin aldehyde		ND	mg/kg	0.0025	0.00038	EPA-8081A		A10	1
Heptachlor		ND	mg/kg	0.0025	0.000085	EPA-8081A	4.7	A10	1
Heptachlor epoxide		ND	mg/kg	0.0025	0.00030	EPA-8081A		A10	1
Methoxychlor		ND	mg/kg	0.0025	0.00033	EPA-8081A	100	A10	1
Toxaphene		ND	mg/kg	0.25	0.032	EPA-8081A	5	A10	1
TCMX (Surrogate)		55.1	%	20 - 130 (LC	CL - UCL)	EPA-8081A		A10	1
Decachlorobiphenyl (Sur	rogate)	69.0	%	40 - 130 (LC	CL - UCL)	EPA-8081A		A10	1

			Run				QC	
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-8081A	03/23/16	03/24/16 10:16	KEP	GC-17	4.918	BZC2542	

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E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Reported: 04/29/2016 10:59 Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID:	1608503-18	Client Sampl	e Name:	Composit	e of C5 (A, I	B, C), 3/21/201	6 2:55:00PM		
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Aldrin		ND	mg/kg	0.00050	0.000018	EPA-8081A	1.4		1
alpha-BHC		ND	mg/kg	0.00050	0.000036	EPA-8081A			1
beta-BHC		ND	mg/kg	0.00050	0.000030	EPA-8081A			1
delta-BHC		ND	mg/kg	0.00050	0.000032	EPA-8081A			1
gamma-BHC (Lindane)		ND	mg/kg	0.00050	0.000032	EPA-8081A	4.0		1
Chlordane (Technical)		ND	mg/kg	0.050	0.0023	EPA-8081A	2.5		1
4,4'-DDD		ND	mg/kg	0.00050	0.000047	EPA-8081A	1.0		1
4,4'-DDE		ND	mg/kg	0.00050	0.000057	EPA-8081A	1.0		1
4,4'-DDT		ND	mg/kg	0.00050	0.000088	EPA-8081A	1.0		1
Dieldrin		ND	mg/kg	0.00050	0.000042	EPA-8081A	8.0		1
Endosulfan I		ND	mg/kg	0.00050	0.000045	EPA-8081A			1
Endosulfan II		ND	mg/kg	0.00050	0.000071	EPA-8081A			1
Endosulfan sulfate		ND	mg/kg	0.00050	0.000032	EPA-8081A			1
Endrin		ND	mg/kg	0.00050	0.000062	EPA-8081A	0.2		1
Endrin aldehyde		ND	mg/kg	0.00050	0.000076	EPA-8081A			1
Heptachlor		ND	mg/kg	0.00050	0.000017	EPA-8081A	4.7		1
Heptachlor epoxide		ND	mg/kg	0.00050	0.000061	EPA-8081A			1
Methoxychlor		ND	mg/kg	0.00050	0.000066	EPA-8081A	100		1
Toxaphene		ND	mg/kg	0.050	0.0064	EPA-8081A	5		1
TCMX (Surrogate)		113	%	20 - 130 (LC	CL - UCL)	EPA-8081A			1
Decachlorobiphenyl (Sur	rrogate)	86.3	%	40 - 130 (LC	CL - UCL)	EPA-8081A			1

			Run		QC				
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID		
1	EPA-8081A	03/23/16	03/24/16 10:28	KEP	GC-17	0.990	BZC2542		

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Project Number: 16-201-001 Project Manager: Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Total Concentrations (TTLC)

BCL Sample ID:	1608503-69	Client Sampl	e Name:	EB-35-06	EB-35-06", 3/21/2016 3:26:00PM				
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		1.7	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		13	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run				QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	03/29/16	03/29/16 18:43	JCC	PE-OP3	0.990	BZC2916	

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E2 Managetech

S001 Airport Plaza Drive, Suite 260

Reported: 04/29/2016 10:59
Project: LAUSD Berendo MS

Long Beach, CA 90815 Project Number: 16-201-001
Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZC2542						
Aldrin	BZC2542-BLK1	ND	mg/kg	0.00050	0.000018	
alpha-BHC	BZC2542-BLK1	ND	mg/kg	0.00050	0.000036	
beta-BHC	BZC2542-BLK1	ND	mg/kg	0.00050	0.000030	
delta-BHC	BZC2542-BLK1	ND	mg/kg	0.00050	0.000032	
gamma-BHC (Lindane)	BZC2542-BLK1	ND	mg/kg	0.00050	0.000032	
Chlordane (Technical)	BZC2542-BLK1	ND	mg/kg	0.050	0.0023	
4,4'-DDD	BZC2542-BLK1	ND	mg/kg	0.00050	0.000047	
4,4'-DDE	BZC2542-BLK1	ND	mg/kg	0.00050	0.000057	
1,4'-DDT	BZC2542-BLK1	ND	mg/kg	0.00050	0.000088	
Dieldrin	BZC2542-BLK1	ND	mg/kg	0.00050	0.000042	
Endosulfan I	BZC2542-BLK1	ND	mg/kg	0.00050	0.000045	
Endosulfan II	BZC2542-BLK1	ND	mg/kg	0.00050	0.000071	
Endosulfan sulfate	BZC2542-BLK1	ND	mg/kg	0.00050	0.000032	
Endrin	BZC2542-BLK1	ND	mg/kg	0.00050	0.000062	
Endrin aldehyde	BZC2542-BLK1	ND	mg/kg	0.00050	0.000076	
Heptachlor	BZC2542-BLK1	ND	mg/kg	0.00050	0.000017	
Heptachlor epoxide	BZC2542-BLK1	ND	mg/kg	0.00050	0.000061	
Methoxychlor	BZC2542-BLK1	ND	mg/kg	0.00050	0.000066	
Toxaphene	BZC2542-BLK1	ND	mg/kg	0.050	0.0064	
TCMX (Surrogate)	BZC2542-BLK1	92.6	%	20 - 13		
Decachlorobiphenyl (Surrogate)	BZC2542-BLK1	102	%	40 - 130 (LCL - UCL)		

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04/29/2016 10:59 Reported: Project: LAUSD Berendo MS 5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815 Project Number: 16-201-001 Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

							Control Limits			
Constituent	OC Sample ID	Tuno	Popult	Spike	Unito	Percent	BBD	Percent	DDD	Lab
Constituent	QC Sample ID	Туре	Result	Level	Units	Recovery	RPD	Recovery	RPD	Quals
QC Batch ID: BZC2542										
Aldrin	BZC2542-BS1	LCS	0.0045510	0.0050000	mg/kg	91.0		70 - 130		
gamma-BHC (Lindane)	BZC2542-BS1	LCS	0.0050760	0.0050000	mg/kg	102		60 - 140		
4,4'-DDT	BZC2542-BS1	LCS	0.0053640	0.0050000	mg/kg	107		60 - 140		
Dieldrin	BZC2542-BS1	LCS	0.0047833	0.0050000	mg/kg	95.7		70 - 130		
Endrin	BZC2542-BS1	LCS	0.0047083	0.0050000	mg/kg	94.2		60 - 140		
Heptachlor	BZC2542-BS1	LCS	0.0047960	0.0050000	mg/kg	95.9		60 - 140		
TCMX (Surrogate)	BZC2542-BS1	LCS	0.0087810	0.010000	mg/kg	87.8		20 - 130		
Decachlorobiphenyl (Surrogate)	BZC2542-BS1	LCS	0.020022	0.020000	mg/kg	100		40 - 130		

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Long Beach, CA 90815

Reported: 04/29/2016 10:59 Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

									Control Limits			
		Source	Source		Spike			Percent		Percent	Lab	
Constituent	Туре	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals	
QC Batch ID: BZC2542	Use	d client samp	ole: N									
Aldrin	MS	1305402-24	ND	0.0048756	0.0049505	mg/kg		98.5		50 - 140		
	MSD	1305402-24	ND	0.0047064	0.0050676	mg/kg	3.5	92.9	30	50 - 140		
gamma-BHC (Lindane)	MS	1305402-24	ND	0.0052376	0.0049505	mg/kg		106		50 - 140		
	MSD	1305402-24	ND	0.0055149	0.0050676	mg/kg	5.2	109	30	50 - 140		
4,4'-DDT	MS	1305402-24	ND	0.0058063	0.0049505	mg/kg		117		50 - 140		
	MSD	1305402-24	ND	0.0057625	0.0050676	mg/kg	0.8	114	30	50 - 140		
Dieldrin	MS	1305402-24	ND	0.0049818	0.0049505	mg/kg		101		40 - 140		
	MSD	1305402-24	ND	0.0052176	0.0050676	mg/kg	4.6	103	30	40 - 140		
Endrin	MS	1305402-24	ND	0.0049987	0.0049505	mg/kg		101		50 - 150		
	MSD	1305402-24	ND	0.0050932	0.0050676	mg/kg	1.9	101	30	50 - 150		
Heptachlor	MS	1305402-24	ND	0.0050670	0.0049505	mg/kg		102		60 - 140		
	MSD	1305402-24	ND	0.0048068	0.0050676	mg/kg	5.3	94.9	30	60 - 140		
TCMX (Surrogate)	MS	1305402-24	ND	0.0087611	0.0099010	mg/kg		88.5		20 - 130		
	MSD	1305402-24	ND	0.0099264	0.010135	mg/kg	12.5	97.9		20 - 130		
Decachlorobiphenyl (Surrogate)	MS	1305402-24	ND	0.021237	0.019802	mg/kg		107		40 - 130		
	MSD	1305402-24	ND	0.021874	0.020270	mg/kg	3.0	108		40 - 130		

Report ID: 1000475975 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 58 of 71



5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 04/29/2016 10:59
Project: LAUSD Berendo MS

Project Number: 16-201-001
Project Manager: Daryl Hernandez

PCB Analysis (EPA Method 8082)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZC2540						
PCB-1016	BZC2540-BLK1	ND	mg/kg	0.010	0.0068	
PCB-1221	BZC2540-BLK1	ND	mg/kg	0.010	0.0040	
PCB-1232	BZC2540-BLK1	ND	mg/kg	0.010	0.0036	
PCB-1242	BZC2540-BLK1	ND	mg/kg	0.010	0.0026	
PCB-1248	BZC2540-BLK1	ND	mg/kg	0.010	0.0029	
PCB-1254	BZC2540-BLK1	ND	mg/kg	0.010	0.0032	
PCB-1260	BZC2540-BLK1	ND	mg/kg	0.010	0.0029	
Total PCB's (Summation)	BZC2540-BLK1	ND	mg/kg	0.010	0.0050	
Decachlorobiphenyl (Surrogate)	BZC2540-BLK1	88.3	%	40 - 12	0 (LCL - UCL)	

Report ID: 1000475975 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 59 of 71



Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported: 04/29/2016 10:59 Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Daryl Hernandez

PCB Analysis (EPA Method 8082)

Quality Control Report - Laboratory Control Sample

							Control Limits			
Constituent	QC Sample ID	Туре	Result	Spike Level	Units	Percent Recovery	RPD	Percent Recovery	RPD	Lab Quals
QC Batch ID: BZC2540										
PCB-1016	BZC2540-BS1	LCS	0.078405	0.083056	mg/kg	94.4		60 - 120		
PCB-1260	BZC2540-BS1	LCS	0.078738	0.083056	mg/kg	94.8		60 - 120		
Decachlorobiphenyl (Surrogate)	BZC2540-BS1	LCS	0.018937	0.019934	mg/kg	95.0		40 - 120		

4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 60 of 71 Report ID: 1000475975

E2 Managetech

S001 Airport Plaza Drive, Suite 260

Reported: 04/29/2016 10:59
Project: LAUSD Berendo MS

Long Beach, CA 90815 Project Number: 16-201-001
Project Manager: Daryl Hernandez

PCB Analysis (EPA Method 8082)

Quality Control Report - Precision & Accuracy

						•		rol Limits	•		
		Source	Source		Spike			Percent		Percent	Lab
Constituent	Type	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals
QC Batch ID: BZC2540	Use	d client samp	ole: N								
PCB-1016	MS	1213312-53	ND	0.077377	0.081967	mg/kg		94.4		60 - 120	
	MSD	1213312-53	ND	0.075410	0.081967	mg/kg	2.6	92.0	30	60 - 120	
PCB-1260	MS	1213312-53	ND	0.076721	0.081967	mg/kg		93.6		60 - 120	
	MSD	1213312-53	ND	0.074426	0.081967	mg/kg	3.0	90.8	30	60 - 120	
Decachlorobiphenyl (Surrogate)	MS	1213312-53	ND	0.017705	0.019672	mg/kg		90.0		40 - 120	
	MSD	1213312-53	ND	0.017377	0.019672	mg/kg	1.9	88.3		40 - 120	

Report ID: 1000475975 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 61 of 71



Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported: 04/29/2016 10:59

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

WET Test (STLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZC3219						
Lead	BZC3219-BLK1	ND	mg/L	0.50	0.16	

Report ID: 1000475975 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 62 of 71



E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815 Reported: 04/29/2016 10:59
Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

WET Test (STLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control L Percent Recovery	<u>imits</u> RPD	Lab Quals
QC Batch ID: BZC3219										
Lead	BZC3219-BS1	LCS	20.702	20.000	mg/L	104		85 - 115		

Report ID: 1000475975 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 63 of 71



Reported: 04/29/2016 10:59 Project: LAUSD Berendo MS 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Project Number: 16-201-001 Project Manager: Daryl Hernandez

WET Test (STLC)

Quality Control Report - Precision & Accuracy

									Control Limits			
		Source	Source		Spike			Percent		Percent	Lab	
Constituent	Type	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals	
QC Batch ID: BZC3219	Use	d client samp	le: Y - Des	cription: EB	-35-00", 03/2	21/2016 1	5:23					
Lead	DUP	1608503-11	8.5173	8.1853		mg/L	4.0		20			
	MS	1608503-11	8.5173	28.814	20.408	mg/L		99.5		75 - 125		
	MSD	1608503-11	8.5173	27.694	20.408	mg/L	4.0	94.0	20	75 - 125		

4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 64 of 71 Report ID: 1000475975



5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 04/29/2016 10:59

Project: LAUSD Berendo MS

Project Number: 16-201-001
Project Manager: Daryl Hernandez

TCLP Toxicity

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZC3091						
Lead	BZC3091-BLK1	ND	mg/L	0.50	0.030	

Report ID: 1000475975 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 65 of 71



E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815 Reported: 04/29/2016 10:59
Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

TCLP Toxicity

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Туре	Result	Spike Level	Units	Percent Recovery	RPD	Control L Percent Recovery	imits RPD	Lab Quals
QC Batch ID: BZC3091										
Lead	BZC3091-BS1	LCS	19.872	20.000	mg/L	99.4		85 - 115		

Report ID: 1000475975 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 66 of 71



Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported: 04/29/2016 10:59

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

TCLP Toxicity

Quality Control Report - Precision & Accuracy

			•				<i>'</i>			
					Control Limits					
	Source	Source		Spike			Percent		Percent	Lab
Type	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals
Use	d client samp	ole: Y - Des	cription: EB-	.35-00". 03/2	21/2016 1:	5:23				
D UP	1608503-11	0.056910	0.054482		mg/L	4.4		20		J
DUP MS	•		•	20.000	_		102	20	75 - 125	J
		Type Sample ID	Type Sample ID Result	Type Sample ID Result Result	Type Sample ID Result Result Added	Type Sample ID Result Result Added Units		Type Sample ID Result Result Added Units RPD Recovery	Source Source Spike Percent Type Sample ID Result Result Added Units RPD Recovery RPD	Source Source Spike Percent Percent Type Sample ID Result Result Added Units RPD Recovery RPD Recovery

Report ID: 1000475975 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 67 of 71



5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 04/29/2016 10:59

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZC2449						
Arsenic	BZC2449-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZC2449-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZC2916						
Arsenic	BZC2916-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZC2916-BLK1	ND	mg/kg	2.5	0.28	

Report ID: 1000475975 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 68 of 71



E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815 Reported: 04/29/2016 10:59
Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

								Control L	imits	
				Spike		Percent		Percent		Lab
Constituent	QC Sample ID	Туре	Result	Level	Units	Recovery	RPD	Recovery	RPD	Quals
QC Batch ID: BZC2449										
Arsenic	BZC2449-BS1	LCS	11.690	10.000	mg/kg	117		75 - 125		
Lead	BZC2449-BS1	LCS	115.05	100.00	mg/kg	115		75 - 125		
QC Batch ID: BZC2916										
Arsenic	BZC2916-BS1	LCS	10.304	10.000	mg/kg	103		75 - 125		
Lead	BZC2916-BS1	LCS	107.06	100.00	mg/kg	107		75 - 125		

Report ID: 1000475975 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 69 of 71

E2 Managetech 5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 04/29/2016 10:59

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

									Cont	rol Limits	
		Source	Source		Spike			Percent		Percent	Lab
Constituent	Туре	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals
QC Batch ID: BZC2449	Use	d client samp	ole: Y - Des	cription: EB	-04-00", 03/	21/2016 1	2:56				
Arsenic	DUP	1608503-01	2.9533	3.4481		mg/kg	15.5		20		
	MS	1608503-01	2.9533	14.498	10.000	mg/kg		115		75 - 125	
	MSD	1608503-01	2.9533	13.388	10.000	mg/kg	8.0	104	20	75 - 125	
Lead	DUP	1608503-01	38.777	35.397		mg/kg	9.1		20		
	MS	1608503-01	38.777	133.47	100.00	mg/kg		94.7		75 - 125	
	MSD	1608503-01	38.777	129.53	100.00	mg/kg	3.0	90.8	20	75 - 125	
QC Batch ID: BZC2916	Use	d client samp	ole: N								
Arsenic	DUP	1608818-01	6.3581	6.1294		mg/kg	3.7		20		
	MS	1608818-01	6.3581	15.521	10.000	mg/kg		91.6		75 - 125	
	MSD	1608818-01	6.3581	15.229	10.000	mg/kg	1.9	88.7	20	75 - 125	
Lead	DUP	1608818-01	53.002	53.297		mg/kg	0.6		20		
	MS	1608818-01	53.002	138.68	100.00	mg/kg		85.7		75 - 125	
	MSD	1608818-01	53.002	138.83	100.00	mg/kg	0.1	85.8	20	75 - 125	

Report ID: 1000475975 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 70 of 71

E2 Managetech Reported: 04/29/2016 10:59

5001 Airport Plaza Drive, Suite 260 Project: LAUSD Berendo MS Long Beach, CA 90815 Project Number: 16-201-001

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Notes And Definitions

J Estimated Value (CLP Flag)

MDL Method Detection Limit

ND Analyte Not Detected

PQL Practical Quantitation Limit

A10 Detection and quantitation limits were raised due to matrix interference.

Report ID: 1000475975 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com



Date of Report: 07/26/2016

Gabriela Valenzuela

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Client Project: 16-201-001

LAUSD Berendo MS **BCL Project:**

1616591 **BCL Work Order:**

B238572, B239490, B241374 Invoice ID:

Enclosed are the results of analyses for samples received by the laboratory on 6/15/2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Tina Green Client Services Manager

Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101



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1616591-07 - EB-24-3'E-00	
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WET Test (STLC)	
Total Concentrations (TTLC)	
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WET Test (STLC)	
Total Concentrations (TTLC)	
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Total Concentrations (TTLC)	23
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Total Concentrations (TTLC)	24
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Chain of Custody and Cooler Receipt Form for 1616591 Page 1 of 4 Chain of Custody Ĭ ANALYSIS REQUESTED PIA# Packing Material: Check/Cash/Card Arsenic - EPA 6010B Lead - EPA 6010B gabriela.valenzuela@e2managetech.com Received (Signature and Phint Name Ď ayment Received at Delivery EPA Merced Co Tulare Co CDHS Fresno Co Regulatory Compliance Electronic Data Transfer: System No. * Comments / Station Code BLUE SO = Solid WET CWW = Chorinated Waste Water BW = Bottled Water te Water SW = Storm Water DW = Drinking Water Phone * #: 562-353-4855 Other: HOLD HOLD HOLD HOLD HOLD HOLD HOLD 4100 Atlas Court Bakersfield, Ca. 93308 (661) 327-4911 • FAX (661) 327-1918 • www.belabs.com BCL Quota AUSD Berendo MS PEA **Z**std ☐s Day** ☐2 Day** ☐ Day* Matrix * E-mail: S · do S S S Result Request ** Surcharge 90815 DISTRIBUTION 6/15/16 SUB-OU Date Gabriela Valenzuela Mail Only = Clorinated Finished Water CWW = (Finished Water WW = Waste Water PO# E2Managetech -6-15-16 CAO UPS GSO WALK-IN SJVĆ FED EX OTHER State * CA ZSTD | Level II low would you like your completed results sent? ZE-Mail Fax EDD Report Attention *; CHK BY Sample Description / Location * Company Company CFW = Clorinated Finisl FW = Finished Water Long Beach EB-24-2'S-06 EB-24-3'E-06 EB-24-3'E-12 EB-24-2'S-00 EB-24-2'S-12 EB-24-3'E-00 EB-24-2'N-00 EB-24-2'N-06 LAUSD Berendo MS / 16-201-001 EB-36-06 EB-36-00 EB-36-12 City * LABORATORIES RSW = Raw Surface Water RGW = Raw Ground Water 5001 Airport Plaza Dr. Suite 260 0805 0814 0816 6/14/15 0710 6/14/15 0712 0714 0758 0800 0812 0820 Sampler Name Printed / Signature **E2Managetech** 6/14/15 6/14/15 6/14/15 6/14/15 6/14/15 6/14/15 6/14/15 6/14/15 6/14/15 Date Client/Company Name *: G. Valenzuela Project Information Shipping Methoc Bottles Required Fields Matrix Types: Address * 9/-80 4 T



Chain of Custody and Cooler Receipt Form for 1616591

Client/Company Name *: E2Managetech				1-9)	12591-9)			TEMP:			naın c	Chain of Custody	
	ne *: Iefech		<u>.</u> ۳	Report Attention *:	olorizate olorizate	Ph	Phone * #: 562-353-4855	353-4855 FAX*#:					
5	10000		\dashv	ממוכות ימו	בובקום	ф	E-mail: gabri	gabriela.valenzuela@eZmanagetech.com	getech.com		ANALYSE	ANALYSIS KEQUESTED	
Address * 5001 Airport Plaza Dr. Suite 260	laza Dr. S	Suite 26	city * Cong Beach	State * leach CA	* Zip	90815		Carbon Copies: CDHS Fresno Co	EPA		8		
Project Information: LAUSD Berendo MS / 16-201-001	ando MS	/ 16-20	01-001		PO # BCL Quota AUSD Berendo MS PEA	USD Beren	Ido MS PEA	Merced Co Tulare Co] 	8010	0109		
How would you like your completed results sent?	your complete	ed results :	sent? DE-Mail	Fax EDD	Mail Only)9 ∀	∀Ч		
Sampler Name Printed / Signature G. Valenzuela	ed / Signature			QC Request	Result Request ** Surcharge STD \[\text{S Day**} \] \[\text{Day**} \] \[\text{Day**} \]	** Surcha	rge /**	System No. *		1- Eb/	∃ - ɔin		
Matrix Types: R	RSW = Raw Surface Water RGW = Raw Ground Water	urface Wat		CFW = Clerinated Finished Water CWW = Chorinated Waste Water BW = Bottled Water FW = Finished Water WW = Waste Water SW = Storm Water Dw = Drinking Water	CWW = Choring te Water SW =	rted Waste V	Vater BW = er DW = Dr	Bottled Water rinking Water SO = Solid		reac	Arse		
Sample # # Bottles	Sampled Date Tim		Sample Description / Location *	on / Location *			Matrix *	1 2"					
-13	-	0828 E	EB-24-2'N-12				S	НОГР					
1 (1)	6/14/15 093	0930 E	EB-35-2'N-00				S			`	`		-
5	6/14/15 0933		EB-35-2'N-06				s	НОГД					
2	6/14/15 093	0935 EI	EB-35-4'S-00				S			`	,		
9/-	6/14/15 094	0940 E	EB-35-4'S-06				S	НОГБ					
- (7	6/14/15 0956		EB-35-10'SE-00				s			`	,		
81-	6/14/15 1000		EB-35-10'SE-06				S	ногр					
Relinquished hv. (Stongturedand Drinted Manus)	Sturoland Prin	Nome N		, monard		1	H						
	m			E2Managetech		Date 6/15/16	1130	Received by (Signature and Frint Name)	t Name)		Company	1/5//2 seps	, , , , , , , , , , , , , , , , , , ,
Relinquished by: (Signature and Printed Name)	atyre and Prin	nted Name	(3	Company Cal	3	12/16 15/16	Time MK	Received by (Figurative and Print Name)	t Name)		Company))	
Received for Lab by: (Algori	2.1	ure and Printed Name)	lame)			17-74 18-74	Time O	Payment Received at Delivery: Date:		Check/Cash/Card	h/Card DI∆#		
Shipping Method.	CAO UP	OSD Sc	WALK-IN SIN	CAO UPS GSO WALK-IN SIVC FED EX OTHER	0807		Cooling Method:	WET BLUE	NONE	Packin	E		





Chain of Custody and Cooler Receipt Form for 1616591 Page 3 of 4

BC LABORATORIES INC.	r		COOTER	RECEIP	r FORM			Pa	ge L	of _&_
Submission #: 16-16591										
SHIPPING INFORM Fed Ex UPS Ontrac BC Lab Field Service Other	□ Har	nd Delive	ry 🗆	Ice CI	SHIPPING nest 🏹 ner 🗀 (Sp	None 🗆	INER Box 🗆		FREE LIG YES W	
Refrigerant: Ice∜Д Blue Ice □	Non	e □ ´	Other 🗆	Com	ments:					
	Contain			Cor	nments:					·
All samples received? Yes ☑ No □ A	All samples	containe	rs intact?	Yes 🛭 N		Descri	ption(s) mat	ch COC?	Yes 🗆 No	0
COC Received Emi	ssivity: <u>6</u>	0.95	Container	CIRGLA	20 Thermo (C) (meter ID:	708	Date/Ti Analyst	meb·151	85 2032
SAMPLE CONTAINERS					SAMPL	E NUMBERS	S			
	1_1_	2	3	4	5	, 6	7	8	9	10
OT PE UNPRES	 	-	-	+	 	 	 	-	+	
40z / 80z / 160z PE UNPRES 20z Cr*6		-	+	-	-	-	-	 	-	
	†	+	 	†	<u> </u>	1	 	 	 	
QT INORGANIC CHEMICAL METALS INORGANIC CHEMICAL METALS 40z / 80z / 160z	l	1	1	 	-	-	 	†		1
PT CYANIDE	l	1	1	1	 			1	-	
PT NITROGEN FORMS	1	1	1	1		1	1	1	1	1
PT TOTAL SULFIDE	I	1	1	1	T	1	1	1	 	1
Poz. NITRATE / NITRITE						1			1	1
PT TOTAL ORGANIC CARBON										1
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
iomi VOA VIAL TRAVEL BLANK										
0ml VOA VIAL										
T EPA 1664										
T ODOR										
ADIOLOGICAL					<u> </u>					
ACTERIOLOGICAL										
0 ml VOA VIAL- 504		ļ				ļ				
T EPA 508/608/8080		ļ								
T EPA 515.1/8150				<u> </u>			ļ			
T EPA 525										
T EPA 525 TRAVEL BLANK		ļ								
Oml EPA 547		 				ļ			<u> </u>	
)ml EPA 531.1			 						<u> </u>	ļ
oz EPA 548		 	 			ļ			 	
T EPA 549		 	ļ							ļ
T EPA 8015M		 					 		 	
T EPA 8270				16.00		00:				14 15
vz/16oz/32oz AMBER	A	A	ARC 6	16.16 A	1	ARL 6		Λ	ARL	-16.16
2) 160z/320z JAR HLSLEEVE 402 JAR		<u> </u>	^	1	M	^	A	17	1	
DL SLEEVE - 40ネ コ AK CB VIAL		 	_A_						-4-	I
ASTIC BAG										
EDLAR BAG										
ERROUS IRON										
NCORE										
1ART KIT										
IMMA CANISTER							.)		1	





Chain of Custody and Cooler Receipt Form for 1616591 Page 4 of 4

BC LABORATORIES INC.	,		COOLER	RECEIP	T FORM			Pa	ige 😞	Of _2_
Submission #: 16-1659										
SHIPPING INFO Fed Ex □ UPS □ Ontra BC Lab Field Service ♥ Oth	ac ⊟ Ha	nd Delive	ry 🗆	Ice C	SHIPPINO hest ₩ her □ (Sp	None [Box [FREE LI YES 🗆	
Refrigerant: Ice ⊈ Blue Ice	□ Nor	ne 🗆 🥤	Other 🗆	Con	ments:					
Custody Seals Ice Chest I	Contain			K Co	mments:		· · · · · · · · · · · · · · · · · · ·			/
All samples received? Yes ☑ No □	All sample	s containe	rs intact? '	Yes 📝 N	lo 🗆	Descr	intion(s) ma	atch COC2	Yes 🛛 No	· □
COC Received	Emissivity:	0.95 :: (A)	Container	CICGLE °C 1	(C) (meter ID:	7 <i>0</i> €	Date/1	ime 6 151	2032
						E NUMBER				
SAMPLE CONTAINERS	114-	122	133	144	15	16,6	117,	188-	19,	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
20z Cr*6										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 40z / 80z / 16 PT CYANIDE	Soz									
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK	<u> </u>					1				
40ml VOA VIAL										
QT EPA 1664										
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RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504						ļ				
QT EPA 508/608/8080		_	<u> </u>		<u> </u>					
QT EPA 515.1/8150				·						
QT EPA 525								ļ		
OT EPA 525 TRAVEL BLANK		 			-		ļ	 		1
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EDLAR BAG ERROUS IRON		 			ļ		<u> </u>	 	 	
NCORE		-					 		 	
	-	<u>-</u>					_	ļ	 	
MART KIT		ļ						ļ		
UMMA CANISTER										



Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Project Number: 16-201-001

Reported:

Project Manager: Gabriela Valenzuela

07/26/2016 11:00

Project: LAUSD Berendo MS

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1616591-01	COC Number:		Receive Date:	06/15/2016 20:30
	Project Number:		Sampling Date:	06/14/2016 07:10
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-36-00	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1616591-02	COC Number:		Receive Date:	06/15/2016 20:30
	Project Number:		Sampling Date:	06/14/2016 07:12
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-36-06	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1616591-03	COC Number:		Receive Date:	06/15/2016 20:30
	Project Number:		Sampling Date:	06/14/2016 07:14
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-36-12	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1616591-04	COC Number:		Receive Date:	06/15/2016 20:30
	Project Number:		Sampling Date:	06/14/2016 07:58
	Sampling Location:		Sample Depth:	
		EB-24-2'S-00	Lab Matrix:	Solids
	Sampling Point: Sampled By:		Sample Type:	Soil
	Gampled By.		Gample Type.	
1616591-05	COC Number:		Receive Date:	06/15/2016 20:30
	Project Number:		Sampling Date:	06/14/2016 08:05
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-24-2'S-06	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1616591-06	COC Number:		Receive Date:	06/15/2016 20:30
	Project Number:		Sampling Date:	06/14/2016 08:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-24-2'S-12	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1616591-07	COC Number:		Receive Date:	06/15/2016 20:30
	Project Number:		Sampling Date:	06/14/2016 08:12
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-24-3'E-00	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil



Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

07/26/2016 11:00 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1616591-08	COC Number:		Receive Date:	06/15/2016 20:30
	Project Number:		Sampling Date:	06/14/2016 08:14
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-24-3'E-06	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1616591-09	COC Number:		Receive Date:	06/15/2016 20:30
	Project Number:		Sampling Date:	06/14/2016 08:16
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-24-3'E-12	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1616591-10	COC Number:		Receive Date:	06/15/2016 20:30
	Project Number:		Sampling Date:	06/14/2016 08:20
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-24-2'N-00	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1616591-11	COC Number:		Receive Date:	06/15/2016 20:30
1010001-11	Project Number:		Sampling Date:	06/14/2016 08:24
	•		Sampling Date. Sample Depth:	
	Sampling Location:	EB-24-2'N-06		Solids
	Sampling Point: Sampled By:	LB-24-2 IN-00	Lab Matrix: Sample Type:	Soil
	Sampled by.		Sample Type.	
1616591-12	COC Number:		Receive Date:	06/15/2016 20:30
	Project Number:		Sampling Date:	06/14/2016 08:28
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-24-2'N-12	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1616591-13	COC Number:		Receive Date:	06/15/2016 20:30
	Project Number:		Sampling Date:	06/14/2016 09:30
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-35-2'N-00	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1616591-14	COO Name to a second		Desire B.	06/45/2040 20/20
1010091-14	COC Number:		Receive Date:	06/15/2016 20:30
	Project Number:		Sampling Date:	06/14/2016 09:33
	Sampling Location:	 	Sample Depth:	0-11-1-
	Sampling Point:	EB-35-2'N-06	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

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5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

07/26/2016 11:00 Reported:

Project: LAUSD Berendo MS

Project Manager: Gabriela Valenzuela

Project Number: 16-201-001

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1616591-15	COC Number:		Receive Date:	06/15/2016 20:30
	Project Number:		Sampling Date:	06/14/2016 09:35
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-35-4'S-00	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1616591-16	COC Number:		Receive Date:	06/15/2016 20:30
	Project Number:		Sampling Date:	06/14/2016 09:40
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-35-4'S-06	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1616591-17	COC Number:		Receive Date:	06/15/2016 20:30
	Project Number:		Sampling Date:	06/14/2016 09:56
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-35-10'SE-00	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1616591-18	COC Number:		Receive Date:	06/15/2016 20:30
	Project Number:		Sampling Date:	06/14/2016 10:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB-35-10'SE-06	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1616591-19	COC Number:		Receive Date:	06/15/2016 20:30
	Project Number:		Sampling Date:	06/14/2016 00:00
	Sampling Location:		Sample Depth:	
	Sampling Point:	DUP	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

Report ID: 1000503851

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

07/26/2016 11:00 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

WET Test (STLC)

BCL Sample ID:	1616591-01	Client Sampl	e Name:	EB-36-00	, 6/14/2016	7:10:00AM			
Constituent		Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	Run#
Lead		3.2	mg/L	0.50	0.16	EPA-6010B	5.0		1

			Run				QC	
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	06/30/16	07/01/16 12:40	JCC	PE-OP3	1	BZG0036	

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported: 07/26/2016 11:00

Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

Total Concentrations (TTLC)

BCL Sample ID:	1616591-01	Client Sample	e Name:	EB-36-00	, 6/14/2016	7:10:00AM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		7.4	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		70	mg/kg	2.5	0.28	EPA-6010B	1000		1

						QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
1	EPA-6010B	06/17/16	06/20/16 12:32	JCC	PE-OP3	0.962	BZF1484

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported: 07/26/2016 11:00

Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

Total Concentrations (TTLC)

BCL Sample ID: 1616591-04 Client Sample Name:					EB-24-2'S-00, 6/14/2016 7:58:00AM							
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#			
Arsenic		5.3	mg/kg	0.81	0.33	EPA-6010B	500		1			
Lead		54	mg/kg	2.0	0.23	EPA-6010B	1000		1			

Run							QC
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
 1	EPA-6010B	06/17/16	06/20/16 13:01	JCC	PE-OP3	0.813	BZF1484

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported: 07/26/2016 11:00

Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

Total Concentrations (TTLC)

BCL Sample ID:	1616591-07	Client Sampl	e Name:	EB-24-3'E	-00, 6/14/2	2016 8:12:00AM	1		
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		3.5	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		25	mg/kg	2.5	0.28	EPA-6010B	1000		1

						QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
1	EPA-6010B	06/17/16	06/20/16 13:03	JCC	PE-OP3	0.926	BZF1484

Report ID: 1000503851 Page 13 of 36



Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

07/26/2016 11:00 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

WET Test (STLC)

BCL Sample ID:	1616591-10	Client Sampl	ent Sample Name: EB-24-2'N-00, 6/14/2016 8:20:00AM						
Constituent		Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	Run#
Lead		11	mg/L	0.50	0.16	EPA-6010B	5.0		1

				QC				
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	06/30/16	07/01/16 12:42	JCC	PE-OP3	1	BZG0036	

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

07/26/2016 11:00 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

TCLP Toxicity

BCL Sample ID:	1616591-10	Client Sampl	ent Sample Name: EB-24-2'N-00, 6/14/2016 8:20:00AM						
Constituent		Result	Units	PQL	MDL	Method	TCLP Limits	Lab Quals	Run #
Lead		0.058	mg/L	0.50	0.030	EPA-6010B	5.0	J	1

					QC			
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	07/20/16	07/21/16 10:11	JCC	PE-OP3	1	BZG1720	

Report ID: 1000503851 Page 15 of 36

E2 Managetech Reported: 07/26/2016 11:00 5001 Airport Plaza Drive, Suite 260 Project: LAUSD Berendo MS

Long Beach, CA 90815 Project Number: 16-201-001 Project Manager: Gabriela Valenzuela

Total Concentrations (TTLC)

BCL Sample ID: 1616591-10 Client Sample Name:					EB-24-2'N-00, 6/14/2016 8:20:00AM						
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#		
Arsenic		3.0	mg/kg	0.50	0.20	EPA-6010B	500		1		
Lead		160	mg/kg	1.3	0.14	EPA-6010B	1000		1		

						QC				
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID			
1	EPA-6010B	06/17/16	06/20/16 13:04	JCC	PE-OP3	0.503	BZF1484			

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

07/26/2016 11:00 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

WET Test (STLC)

BCL Sample ID:	1616591-11	Client Sampl	e Name:	EB-24-2'N	N-06, 6/14/2	2016 8:24:00AM	l		
Constituent		Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	Run#
Lead		14	mg/L	0.50	0.16	EPA-6010B	5.0		1

					QC			
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	07/21/16	07/22/16 08:49	JCC	PE-OP3	1	BZG1876	

Report ID: 1000503851 Page 17 of 36

5001 Airport Plaza Drive, Suite 260 Project: LAUSD Berendo MS Long Beach, CA 90815 Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

Reported: 07/26/2016 11:00

Total Concentrations (TTLC)

BCL Sample ID:	1616591-11	Client Sampl	Client Sample Name: EB-24-2'N-06, 6/14/2016 8:24						
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead		260	mg/kg	2.5	0.28	EPA-6010B	1000		1

			Run		QC				
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID		
1	EPA-6010B	06/28/16	06/29/16 12:49	JCC	PE-OP3	0.909	BZF2399		

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

07/26/2016 11:00 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

WET Test (STLC)

BCL Sample ID:	1616591-12	Client Sampl	e Name:	EB-24-2'N	N-12, 6/14/2	2016 8:28:00AM	1		
Constituent		Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	Run#
Lead		0.41	mg/L	0.50	0.16	EPA-6010B	5.0	J	1

			Run			QC		
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	07/24/16	07/25/16 16:14	JCC	PE-OP3	1	BZG2106	



5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Reported: 07/26/2016 11:00 Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

Total Concentrations (TTLC)

BCL Sample ID:	1616591-12	Client Sample	e Name:	EB-24-2'N	I-12, 6/14/2	2016 8:28:00AN	Л		
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead		95	mg/kg	5.0	0.56	EPA-6010B	1000		1

			Run			QC		
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	07/19/16	07/19/16 17:37	JRG	PE-OP2	1.980	BZG1486	

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

07/26/2016 11:00 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

WET Test (STLC)

BCL Sample ID:	1616591-13	Client Sampl	e Name:	EB-35-2'N	N-00, 6/14/2	2016 9:30:00AN	1		
Constituent		Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	Run #
Lead		3.2	mg/L	0.50	0.16	EPA-6010B	5.0		1

				QC				
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	06/30/16	07/01/16 12:44	JCC	PE-OP3	1	BZG0036	

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5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 07/26/2016 11:00

Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

Total Concentrations (TTLC)

BCL Sample ID:	1616591-13	Client Sampl	e Name:	EB-35-2'N	N-00, 6/14/2	2016 9:30:00AM	I		
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		15	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead		71	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run							QC
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
1	EPA-6010B	06/17/16	06/20/16 13:05	JCC	PE-OP3	0.971	BZF1484

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E2 Managetech 5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 07/26/2016 11:00

Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

Total Concentrations (TTLC)

BCL Sample ID:	1616591-14	Client Sampl	e Name:	EB-35-2'N	N-06, 6/14/2	2016 9:33:00AN	1		
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		1.9	mg/kg	0.58	0.23	EPA-6010B	500		1

			Run					
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	06/28/16	06/29/16 12:50	JCC	PE-OP3	0.585	BZF2399	

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Reported: 07/26/2016 11:00

Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Total Concentrations (TTLC)

BCL Sample ID:	1616591-15	Client Sample	e Name:	EB-35-4'S	5-00, 6/14/2	2016 9:35:00AN	1		
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		5.3	mg/kg	0.70	0.28	EPA-6010B	500		1
Lead		24	mg/kg	1.7	0.20	EPA-6010B	1000		1

			Run				QC
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID
1	EPA-6010B	06/17/16	06/20/16 13:07	JCC	PE-OP3	0.699	BZF1484

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E2 Managetech Reported: 07/26/2016 11:00 5001 Airport Plaza Drive, Suite 260 Project: LAUSD Berendo MS

Long Beach, CA 90815 Project Number: 16-201-001 Project Manager: Gabriela Valenzuela

Total Concentrations (TTLC)

BCL Sample ID:	e Name:	EB-35-10	'SE-00, 6/1	4/2016 9:56:00	AM			
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	17	mg/kg	0.56	0.22	EPA-6010B	500		1
Lead	72	mg/kg	1.4	0.16	EPA-6010B	1000		1

			Run			QC		
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	06/17/16	06/20/16 13:08	JCC	PE-OP3	0.562	BZF1484	

Reported: 07/26/2016 11:00

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Project: LAUSD Berendo MS Long Beach, CA 90815

Total Concentrations (TTLC)

BCL Sample ID:	1616591-18	Client Sampl	e Name:	EB-35-10'	'SE-06, 6/1	4/2016 10:00:0	DAM		
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic		15	mg/kg	1.0	0.40	EPA-6010B	500		1

			Run				QC	
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	07/19/16	07/19/16 16:54	JRG	PE-OP2	1	BZG1486	

Page 26 of 36 Report ID: 1000503851



5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 07/26/2016 11:00 Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

WET Test (STLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZG0036						
Lead	BZG0036-BLK1	ND	mg/L	0.50	0.16	
QC Batch ID: BZG1876						
Lead	BZG1876-BLK1	ND	mg/L	0.50	0.16	
QC Batch ID: BZG2106						
Lead	BZG2106-BLK1	ND	mg/L	0.50	0.16	

Report ID: 1000503851 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 27 of 36



E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815 Reported: 07/26/2016 11:00
Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

WET Test (STLC)

Quality Control Report - Laboratory Control Sample

							Control Limits			
				Spike		Percent		Percent		Lab
Constituent	QC Sample ID	Type	Result	Level	Units	Recovery	RPD	Recovery	RPD	Quals
QC Batch ID: BZG0036										
Lead	BZG0036-BS1	LCS	20.028	20.000	mg/L	100		85 - 115		
QC Batch ID: BZG1876										
Lead	BZG1876-BS1	LCS	19.412	20.000	mg/L	97.1		85 - 115		
QC Batch ID: BZG2106										
Lead	BZG2106-BS1	LCS	18.747	20.000	mg/L	93.7		85 - 115		

Report ID: 1000503851 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 28 of 36

Reported: 07/26/2016 11:00 5001 Airport Plaza Drive, Suite 260 Project: LAUSD Berendo MS

Long Beach, CA 90815 Project Number: 16-201-001 Project Manager: Gabriela Valenzuela

WET Test (STLC)

Quality Control Report - Precision & Accuracy

									Cont	rol Limits	
		Source	Source		Spike			Percent		Percent	Lab
Constituent	Туре	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals
QC Batch ID: BZG0036	Use	d client samp	ole: N								
Lead	DUP	1617401-05	ND	ND		mg/L			20		
	MS	1617401-05	ND	20.597	20.408	mg/L		101		75 - 125	
	MSD	1617401-05	ND	20.465	20.408	mg/L	0.6	100	20	75 - 125	
QC Batch ID: BZG1876	Use	d client samp	ole: Y - Des	cription: EB	-24-2'N-06, (06/14/201	6 08:24				
Lead	DUP	1616591-11	13.763	13.785		mg/L	0.2		20		
	MS	1616591-11	13.763	32.426	20.408	mg/L		91.4		75 - 125	
	MSD	1616591-11	13.763	31.579	20.408	mg/L	2.6	87.3	20	75 - 125	
QC Batch ID: BZG2106	Use	d client samp	ole: N								
Lead	DUP	1619438-01	ND	ND		mg/L			20		
	MS	1619438-01	ND	19.164	20.408	mg/L		93.9		75 - 125	
	MSD	1619438-01	ND	18.365	20.408	mg/L	4.3	90.0	20	75 - 125	

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5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 07/26/2016 11:00

Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

TCLP Toxicity

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZG1720						
Lead	BZG1720-BLK1	ND	mg/L	0.50	0.030	

Report ID: 1000503851 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 30 of 36



E2 Managetech Reported: 07/26/2016 11:00
5001 Airport Plaza Drive, Suite 260 Project: LAUSD Berendo MS

Long Beach, CA 90815 Project Number: 16-201-001
Project Manager: Gabriela Valenzuela

TCLP Toxicity

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control L Percent Recovery	<u>imits</u> RPD	Lab Quals
QC Batch ID: BZG1720										
Lead	BZG1720-BS1	LCS	19.299	20.000	mg/L	96.5		85 - 115		

Report ID: 1000503851 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 31 of 36



5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 07/26/2016 11:00

Project: LAUSD Berendo MS

Project Manager: Gabriela Valenzuela

Project Number: 16-201-001

TCLP Toxicity

Quality Control Report - Precision & Accuracy

								Control Limits			
		Source	Source		Spike			Percent		Percent	Lab
Constituent	Type	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals
QC Batch ID: BZG1720	Use	d client samp	le: Y - Des	cription: EB-	·24-2'N-00,	06/14/2016	6 08:20				
Lead	DUP	1616591-10	0.058345	0.048503		mg/L	18.4		20		J
	MS	1616591-10	0.058345	19.687	20.000	mg/L		98.1		75 - 125	
	MSD	1616591-10	0.058345	18.741	20.000	mg/L	4.9	93.4	20	75 - 125	

Report ID: 1000503851 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 32 of 36

Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported: 07/26/2016 11:00

Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZF1484						
Arsenic	BZF1484-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZF1484-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZF2399						
Arsenic	BZF2399-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZF2399-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZG1486						
Arsenic	BZG1486-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZG1486-BLK1	ND	mg/kg	2.5	0.28	

Report ID: 1000503851 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 33 of 36

Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

Reported: 07/26/2016 11:00

Project: LAUSD Berendo MS

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

						Control Limits			
	_		Spike		Percent		Percent		Lab
QC Sample ID	Туре	Result	Level	Units	Recovery	RPD	Recovery	RPD	Quals
BZF1484-BS1	LCS	9.6828	10.000	mg/kg	96.8		75 - 125		
BZF1484-BS1	LCS	94.213	100.00	mg/kg	94.2		75 - 125		
BZF2399-BS1	LCS	9.0255	10.000	mg/kg	90.3		75 - 125		
BZF2399-BS1	LCS	92.783	100.00	mg/kg	92.8		75 - 125		
BZG1486-BS1	LCS	10.339	10.000	mg/kg	103		75 - 125		
BZG1486-BS1	LCS	105.88	100.00	mg/kg	106		75 - 125		
	BZF1484-BS1 BZF2399-BS1 BZF2399-BS1 BZG1486-BS1	BZF1484-BS1 LCS BZF1484-BS1 LCS BZF2399-BS1 LCS BZF2399-BS1 LCS BZG1486-BS1 LCS	BZF1484-BS1 LCS 9.6828 BZF1484-BS1 LCS 94.213 BZF2399-BS1 LCS 9.0255 BZF2399-BS1 LCS 92.783 BZG1486-BS1 LCS 10.339	QC Sample ID Type Result Level BZF1484-BS1 LCS 9.6828 10.000 BZF1484-BS1 LCS 94.213 100.00 BZF2399-BS1 LCS 9.0255 10.000 BZF2399-BS1 LCS 92.783 100.00 BZG1486-BS1 LCS 10.339 10.000	QC Sample ID Type Result Level Units BZF1484-BS1 LCS 9.6828 10.000 mg/kg BZF1484-BS1 LCS 94.213 100.00 mg/kg BZF2399-BS1 LCS 9.0255 10.000 mg/kg BZF2399-BS1 LCS 92.783 100.00 mg/kg BZG1486-BS1 LCS 10.339 10.000 mg/kg	QC Sample ID Type Result Level Units Recovery BZF1484-BS1 LCS 9.6828 10.000 mg/kg 96.8 BZF1484-BS1 LCS 94.213 100.00 mg/kg 94.2 BZF2399-BS1 LCS 9.0255 10.000 mg/kg 90.3 BZF2399-BS1 LCS 92.783 100.00 mg/kg 92.8 BZG1486-BS1 LCS 10.339 10.000 mg/kg 103	QC Sample ID Type Result Level Units Recovery RPD BZF1484-BS1 LCS 9.6828 10.000 mg/kg 96.8 96.8 BZF1484-BS1 LCS 94.213 100.00 mg/kg 94.2 94.2 BZF2399-BS1 LCS 9.0255 10.000 mg/kg 90.3 92.8 BZF2399-BS1 LCS 92.783 100.00 mg/kg 92.8 92.8 BZG1486-BS1 LCS 10.339 10.000 mg/kg 103 103	QC Sample ID Type Result Spike Level Percent Recovery Percent Recovery BZF1484-BS1 LCS 9.6828 10.000 mg/kg 96.8 75 - 125 BZF1484-BS1 LCS 94.213 100.00 mg/kg 94.2 75 - 125 BZF2399-BS1 LCS 9.0255 10.000 mg/kg 90.3 75 - 125 BZF2399-BS1 LCS 92.783 100.00 mg/kg 92.8 75 - 125 BZG1486-BS1 LCS 10.339 10.000 mg/kg 103 75 - 125	QC Sample ID Type Result Spike Level Percent Recovery Percent Recovery RPD Percent Recovery RPD BZF1484-BS1 LCS 9.6828 10.000 mg/kg 96.8 75 - 125 5 - 125 BZF1484-BS1 LCS 94.213 100.00 mg/kg 94.2 75 - 125 BZF2399-BS1 LCS 9.0255 10.000 mg/kg 90.3 75 - 125 BZF2399-BS1 LCS 92.783 100.00 mg/kg 92.8 75 - 125 BZG1486-BS1 LCS 10.339 10.000 mg/kg 103 75 - 125

Report ID: 1000503851 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 34 of 36

E2 Managetech

S001 Airport Plaza Drive, Suite 260

Reported: 07/26/2016 11:00
Project: LAUSD Berendo MS

Long Beach, CA 90815 Project Number: 16-201-001
Project Manager: Gabriela Valenzuela

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

									Cont	rol Limits	
		Source	Source		Spike			Percent		Percent	Lab
Constituent	Туре	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals
QC Batch ID: BZF1484	Use	d client samp	ole: N								
Arsenic	DUP	1616555-21	4.4172	4.2622		mg/kg	3.6		20		
	MS	1616555-21	4.4172	13.217	10.000	mg/kg		88.0		75 - 125	
	MSD	1616555-21	4.4172	12.848	10.000	mg/kg	2.8	84.3	20	75 - 125	
Lead	DUP	1616555-21	7.9880	7.1877		mg/kg	10.5		20		
	MS	1616555-21	7.9880	87.224	100.00	mg/kg		79.2		75 - 125	
	MSD	1616555-21	7.9880	86.619	100.00	mg/kg	0.7	78.6	20	75 - 125	
QC Batch ID: BZF2399	Use	d client samp	ole: N								
Arsenic	DUP	1617310-01	4.2935	5.5913		mg/kg	26.3		20		Q01
	MS	1617310-01	4.2935	15.887	10.000	mg/kg		116		75 - 125	
	MSD	1617310-01	4.2935	12.881	10.000	mg/kg	20.9	85.9	20	75 - 125	Q02
Lead	DUP	1617310-01	11.856	12.231		mg/kg	3.1		20		
	MS	1617310-01	11.856	106.09	100.00	mg/kg		94.2		75 - 125	
	MSD	1617310-01	11.856	117.42	100.00	mg/kg	10.1	106	20	75 - 125	
QC Batch ID: BZG1486	Use	d client samp	ole: Y - Des	cription: EB	-35-10'SE-0	6, 06/14/2	016 10:	00			
Arsenic	DUP	1616591-18	15.073	16.074		mg/kg	6.4		20		
	MS	1616591-18	15.073	24.914	10.000	mg/kg		98.4		75 - 125	
	MSD	1616591-18	15.073	24.469	10.000	mg/kg	1.8	94.0	20	75 - 125	
Lead	DUP	1616591-18	50.436	55.826		mg/kg	10.1		20		
	MS	1616591-18	50.436	145.98	100.00	mg/kg		95.5		75 - 125	
	MSD	1616591-18	50.436	145.01	100.00	mg/kg	0.7	94.6	20	75 - 125	

Report ID: 1000503851 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 35 of 36

E2 Managetech Reported: 07/26/2016 11:00

Project: LAUSD Berendo MS 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Project Number: 16-201-001

Project Manager: Gabriela Valenzuela

Notes And Definitions

Estimated Value (CLP Flag)

MDL Method Detection Limit ND Analyte Not Detected PQL Practical Quantitation Limit

Q01 Sample precision is not within the control limits.

Q02 Matrix spike precision is not within the control limits.

4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Report ID: 1000503851



Date of Report: 08/22/2016

Daryl Hernandez

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815

Client Project: 16-201-001

LAUSD Berendo MS **BCL Project:**

1622552 **BCL Work Order:** B243526 Invoice ID:

Enclosed are the results of analyses for samples received by the laboratory on 8/12/2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Tina Green Client Services Manager

Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

Report ID: 1000513680

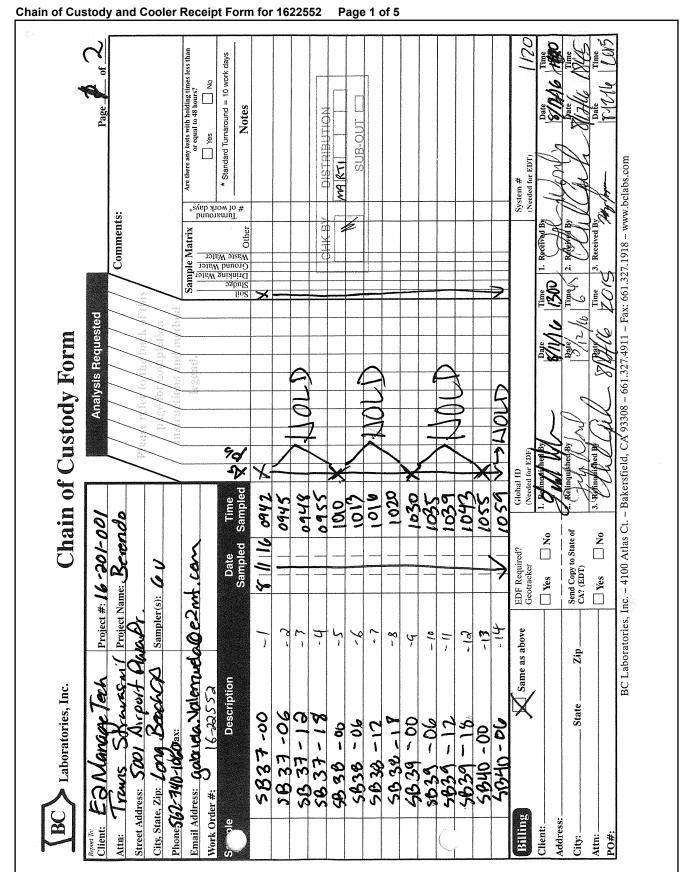


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Total Concentrations (TTLC)	13
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Total Concentrations (TTLC)	14
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Report ID: 1000513680





4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com





Chain of Custody and Cooler Receipt Form for 1622552 Page 2 of 5 * Standard Turnaround = 10 work days ž Notes Yes - Fax: 661.327.1918 - www.bclabs.com System ; Turnaround * of work days Soil Subject Dirinking Water Octound Water Water Octound Water Octour Other Octour Oct **Analysis Requested** Chain of Custody Form BC Laboratories, Inc. - 4100 Atlas Ct. - Bakersfield, CA 93608 98 Global ID 125 1103 Time Sampled 10 A 129 Project Name: Berend Project #: [6 '301-60 Send Copy to State of CA? (EDT) % Date Sampled EDF Required? Geotracker ☐ Yes ☐ Yes Sampler(s): -32 2 8 3 Same as above Zip Description Laboratories, Inc. Phone 62 740 10 City, State, Zip: Email Address: Work Order #: Address: Client: Attm: ' City: Attn:

Report ID: 1000513680 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com





Chain of Custody and Cooler Receipt Form for 1622552 Page 3 of 5

BC LABORATORIES INC. Submission #: 16-22556	1.		JOUREIT	RECEIPT	7 011111	T			ge	
Submission #: (6-22553 SHIPPING INFOR				1) -	HIPPING				FREE LI	
Fed Ex ☐ UPS ☐ Ontrac BC Lab Field Service Other	☐ Han ☐ (Specify	d Deliver			est ☑ er ☐ (Spe		Box □		YES D	
Refrigerant: Ice K Blue Ice C] None	• 🗆	Other 🗆	Comi	ments:					
Custody Seals Ice Chest	Contain Intact? Yes		None	Com	ments:					/
	All samples						otion(s) mat			
1000	nissivity: <i>©</i> emperature:	•	Contained:	1/2 CA	(C) 0	neter ID: _	208	Date/Ti		2015
4110	emperature.	IAI	<u> </u>							
SAMPLE CONTAINERS	<u> </u>	T -	Т .	Τ .	7	NUMBERS	7	8	9	10
	1	2	3	4	5	<u> 6</u>	†	╁╌	†===	†
OT PE UNPRES			 	 	1			T		
40z/80z/160z PE UNPRES	1		 	 	1			1		
20z Cr ⁺⁶		 		<u> </u>	 		1.			
OT INORGANIC CHEMICAL METALS	.	1	†		1	<u> </u>		T		
INORGANIC CHEMICAL METALS 40z / 80z / 160	<u> </u>	 	 	 	1					
PT CYANIDE		 	+						1	
PT NITROGEN FORMS		 	 				1			3955
PT TOTAL SULFIDE	1	 	1		 					
20z. NITRATE / NITRITE	1	 	1	l	1.		1			507
PT TOTAL ORGANIC CARBON		 	1							1 10
PT CHEMICAL OXYGEN DEMAND	1	 	1							1.5
PIA PHENOLICS	1	 								- 47
40ml VOA VIAL TRAVEL BLANK	1									
40ml VOA VIAL OT EPA 1664		1								
PT ODOR RADIOLOGICAL		1						<u> </u>		
BACTERIOLOGICAL	1.									
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150									<u> </u>	
OT EPA 525										
OT EPA 525 TRAVEL BLANK									ļ	1
40ml EPA 547	1									
40ml EPA 531.1										
Boz EPA 548										
OT EPA 549										
OT EPA 8015M										
OT EPA 8270										↓
80z/160z/32oz AMBER										
loz/ 160z/320z JAR	A	A	A	A	A	A	A	A_	A	A
OIL SLEEVE										
CB VIAL										
LASTIC BAG										4
EDLAR BAG									 	+
ERROUS IRON										+
NCORE										1
MART KIT										
UMMA CANISTER										1





Chain of Custody and Cooler Receipt Form for 1622552 Page 4 of 5

Submission #: 16-22552										
SHIPPING INFORM		I Delivery		Ice Che	est 🗹	CONTAI None □ cify)	Box 🗆	-	FREE LIC YES D W /	
Refrigerant: Ice ☒, Blue Ice □	None		Other 🗆	Comn	nents:					
Custody Seals Toe Chest	Containe	25.50	None	Com	ments:					<i>i</i>
All samples received? Yes ☑ No □ A	II samples	containers	intact? Y	es D No			tion(s) mat			
COC Received Emi	ssivity: 💪	_		°C 1			208 °c	Date/Ti Analyst		2 2015
						E NUMBERS				130
SAMPLE CONTAINERS	11-	19 5	133	14	15 5	16	17,	118 .	19	2010
QT PE UNPRES						 	 	+	-	+
40z/80z/160z PE UNPRES						 	-	 		-
20z Cr*6	<u> </u>	-					-	 	-	-
QT INORGANIC CHEMICAL METALS							 	-		
INORGANIC CHEMICAL METALS 40z / 80z / 160z			<u> </u>		-		 		1	
PT CYANIDE	<u> </u>			ļ		 	-	 	1	1
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PT TOTAL ORGANIC CARBON	ļ		 		·	 	-	 	1	+
PT CHEMICAL OXYGEN DEMAND	<u> </u>			ļ		 	-	 	-	1
PIA PHENOLICS	 								 	1
40ml VOA VIAL TRAVEL BLANK	 					-	 	 	 	1
40mì VOA VIAL		ļ				 			 	
QT EPA 1664	<u> </u>									
PT ODOR	 								 	
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504	ļ									
QT EPA 508/608/8080	!									
QT EPA 515.1/8150	 									
QT EPA 525	<u> </u>									
QT EPA 525 TRAVEL BLANK									·	
40ml EPA 547										
40ml EPA 531.1										
80z EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
80z/16oz/32oz AMBER										
80z) 160z/320z JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FEDELAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER							<u> </u>			





Chain of Custody and Cooler Receipt Form for 1622552 Page 5 of 5

BC LABORATORIES INC.			JUGELII	RECEIPT	TOTIVI				e <u>3 </u>	
Submission #: 16-2255				T		CONTAI	NED		FREE LIC	711ID
SHIPPING INFO	RMATION		-		HIPPING	CONTAI			YES D	
Fed Ex □ UPS □ Ontra		d Deliver		Ice Che	er ☐ (Spe				. W //	
BC Lab Field Service Othe	er □ (Specif	y)		J Oth	ari (obe	G11 y /				<u> </u>
- V 5: I	□ None		Other 🗆	Comn	onte:					
Refrigerant: Ice Blue Ice	DAY MAKE BY VALUE OF	C1000010002151							. /	
Custody Seals Toe Chest II	Contain Intact? Yes	V.S.E. W. 19 11	None	Com	ments:				/	/
All samples received? Yes ☑ No □	All samples	container	s intact? Y	es D No				ch COC?	Yes 🗹 No	
	missivity: C	95	Container:	1/2/1/	Carbermon	neter ID: 2	208	Date/Tir	n8.12-1	2015
COC neceived										-2013
YES NO	Temperature	(A)	0.1	°C /	(c) O	<i>L</i>	°C	Analyst	init 97	
					SAMPLE	NUMBERS				
SAMPLE CONTAINERS	21-	22	123°	124	5	6	7	8	9	10
OT DE INDDEC	- ALT	†	T							
OT PE UNPRES 40z/80z/16oz PE UNPRES		1								
······································										
20z Cr*6		1								
QT INORGANIC CHEMICAL METALS		1								
INORGANIC CHEMICAL METALS 40z / 80z / 10	300	 	1							
PT CYANIDE		+	 							
PT NITROGEN FORMS		1	1	†						28 April 2
PT TOTAL SULFIDE		+	 				1			
20z. NITRATE / NITRITE				<u> </u>						
PT TOTAL ORGANIC CARBON		-	 							
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS		 	 							
40ml VOA VIAL TRAVEL BLANK		-	 							
40ml VOA VIAL			1							
QT EPA 1664		 	-							
PT ODOR		1	-							
RADIOLOGICAL		-	-							
BACTERIOLOGICAL		 	-							
40 ml VOA VIAL- 504		+								
QT EPA 508/608/8080										
QT EPA 515.1/8150										
OT EPA 525		 								
QT EPA 525 TRAVEL BLANK										
40ml EPA 547		 								
40ml EPA 531.1		+					····			
80z EPA 548		 								
QT EPA 549		 								
QT EPA 8015M		+								
QT EPA 8270		-	-							
80z/160z/32oz AMBER	A	1	A	A						
30z) 160z/320z JAR	+	$\mid A \mid$	1-9-	_7_						
SOIL SLEEVE		-								
PCB VIAL										
PLASTIC BAG		 								
TEDLAR BAG		 			<u>-</u>					
FERROUS IRON										
ENCORE		ļ								
SMART KIT										
SUMMA CANISTER										

Report ID: 1000513680



Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

08/22/2016 17:02 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1622552-01	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 09:42
	Sampling Location:		Sample Depth:	
	Sampling Point:	EB37-00	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1622552-02	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 09:45
	Sampling Location:		Sample Depth:	
	. •	SB37-06	Lab Matrix:	Solids
	Sampling Point: Sampled By:		Sample Type:	Soil
1622552-03	COC Number:		Receive Date:	08/12/2016 20:15
1022332-03				08/11/2016 09:48
	Project Number:		Sampling Date:	08/11/2016 09:48
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB37-12	Lab Matrix:	Solids Soil
	Sampled By:		Sample Type:	3011
1622552-04	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 09:55
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB37-18	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1622552-05	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 10:10
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB38-00	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1622552-06	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 10:13
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB38-06	Lab Matrix:	Solids
	Sampling Point:		Sample Type:	Soil
	Campieu by.		Sample Type.	
1622552-07	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 10:16
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB38-12	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

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Long Beach, CA 90815

08/22/2016 17:02 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1622552-08	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 10:20
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB38-18	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
622552-09	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 10:30
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB39-00	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
622552-10	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 10:35
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB39-06	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
	-			
1622552-11	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 10:39
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB39-12	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
622552-12	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 10:43
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB39-18	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1622552-13	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 10:55
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB40-00	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
622552-14	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 10:59
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB40-06	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

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Long Beach, CA 90815

08/22/2016 17:02 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1622552-15	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 11:03
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB40-12	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1622552-16	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 11:07
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB40-18	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
622552-17	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 11:25
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB42-00	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
622552-18	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 11:29
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB42-06	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
622552-19	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 11:35
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB42-12	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
622552-20	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 11:40
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB42-18	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
622552-21	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 11:55
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB41-00	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

08/22/2016 17:02 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Informati	on		
1622552-22	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 12:01
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB41-06	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1622552-23	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 12:07
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB41-12	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil
1622552-24	COC Number:		Receive Date:	08/12/2016 20:15
	Project Number:		Sampling Date:	08/11/2016 12:13
	Sampling Location:		Sample Depth:	
	Sampling Point:	SB41-18	Lab Matrix:	Solids
	Sampled By:		Sample Type:	Soil

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Long Beach, CA 90815

5001 Airport Plaza Drive, Suite 260

08/22/2016 17:02 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1622552-01	Client Sampl	e Name:	EB37-00, 8/11/2016		9:42:00AM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		9.1	mg/kg	0.73	0.29	EPA-6010B	500		1

			Run				QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	08/16/16	08/16/16 17:54	JCC	PE-OP3	0.730	BZH1604	

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Long Beach, CA 90815

08/22/2016 17:02 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1622552-05	Client Sampl	e Name:	SB38-00, 8/11/2016 10:10:00AM					
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		6.4	mg/kg	0.67	0.27	EPA-6010B	500		1

			Run				QC	
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	08/16/16	08/16/16 17:55	JCC	PE-OP3	0.667	BZH1604	

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Long Beach, CA 90815

08/22/2016 17:02 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1622552-09	Client Sample	e Name:	SB39-00,	8/11/2016	10:30:00AM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		4.0	mg/kg	0.61	0.24	EPA-6010B	500		1

			Run				QC	
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	08/16/16	08/16/16 17:56	JCC	PE-OP3	0.610	BZH1604	

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08/22/2016 17:02 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1622552-13	Client Sampl	e Name:	SB40-00,	SB40-00, 8/11/2016 10:55:00AM				
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		5.4	mg/kg	0.69	0.28	EPA-6010B	500		1

			Run					
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	08/16/16	08/16/16 17:58	JCC	PE-OP3	0.690	BZH1604	

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E2 Managetech 5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

08/22/2016 17:02 Reported: Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1622552-17	Client Sample Name: SB42-00, 8/11/2016 11:25:00				11:25:00AM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		7.6	mg/kg	1.0	0.40	EPA-6010B	500		1

			Run				QC	
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	08/16/16	08/16/16 17:59	JCC	PE-OP3	0.962	BZH1604	

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5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

08/22/2016 17:02 Reported:

Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

BCL Sample ID:	1622552-21	Client Sample Name: SB41-00, 8/11/20			8/11/2016	11:55:00AM			
Constituent		Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run#
Arsenic		5.8	mg/kg	0.74	0.29	EPA-6010B	500		1

			Run				QC	
Run#	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-6010B	08/16/16	08/16/16 18:01	JCC	PE-OP3	0.735	BZH1604	

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5001 Airport Plaza Drive, Suite 260

Long Beach, CA 90815

Reported: 08/22/2016 17:02 Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH1604						
Arsenic	BZH1604-BLK1	ND	mg/kg	1.0	0.40	

Report ID: 1000513680 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 18 of 21



E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815 Reported: 08/22/2016 17:02 Project: LAUSD Berendo MS

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control I Percent Recovery	Lab Quals
QC Batch ID: BZH1604									
Arsenic	BZH1604-BS1	LCS	9.6827	10.000	mg/kg	96.8		75 - 125	

Report ID: 1000513680 4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com Page 19 of 21



5001 Airport Plaza Drive, Suite 260

Project: LAUSD Berendo MS Long Beach, CA 90815

08/22/2016 17:02 Reported:

Project Number: 16-201-001 Project Manager: Daryl Hernandez

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

								Control Limits			
		Source	Source		Spike			Percent		Percent	Lab
Constituent	Type	Sample ID	Result	Result	Added	Units	RPD	Recovery	RPD	Recovery	Quals
QC Batch ID: BZH1604	Used client sample: N										
Arsenic	DUP	1622410-01	ND	3.3560		mg/kg			20		J
	MS	1622410-01	ND	11.211	10.000	mg/kg		112		75 - 125	
	MSD	1622410-01	ND	10.744	10.000	mg/kg	4.3	107	20	75 - 125	

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E2 Managetech Reported: 08/22/2016 17:02

5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815
Project: LAUSD Berendo MS
Project Number: 16-201-001

Project Manager: Daryl Hernandez

Notes And Definitions

J Estimated Value (CLP Flag)

MDL Method Detection Limit

ND Analyte Not Detected

PQL Practical Quantitation Limit

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