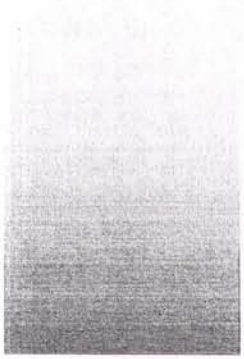
Northern California
ACCUTEST LABORATORIES

01/18/12



Technical Report for

Compliance & Closure, Inc.

KRB Construction - San Leandro, CA

12199-1

Accutest Job Number: C19634

Sampling Date: 01/04/12

Report to:

Compliance & Closure, Inc.
4115 Blackhawk Plaza Circle Suite 100
Danville, CA 94506
gary@cci-envr.com

ATTN: Gary Mulkey

Total number of pages in report: **36**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Kesavalu M. Bagawandoss,
Ph.D., J.D., Lab Director

Client Service contact: Diane Theesen 408-588-0200

Certifications: CA (08258CA) AZ (AZ0762) DoD/ISO/IEC 17025:2005 (L2242)

Table of Contents

Accutest Laboratories

Sample Summary

Compliance & Closure, Inc.

Job No: C19634

KRB Construction - San Leandro, CA
Project No: 12199-1

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
C19634-1	01/04/12	09:45	01/04/12	SO	Soil	STOCKPILE SAMPLE 1
C19634-2	01/04/12	09:50	01/04/12	SO	Soil	STOCKPILE SAMPLE 2
C19634-3	01/04/12	00:00	01/04/12	SO	Soil	STOCKPILE SAMPLE(1-2)COMP

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	STOCKPILE SAMPLE(1-2)COMP		
Lab Sample ID:	C19634-3	**Date Sampled:**	01/04/12
Matrix:	SO - Soil	**Date Received:**	01/04/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	KRB Construction - San Leandro, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M30423.D	1	01/06/12	XB	n/a	n/a	VM963
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	40	10	ug/kg	
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.50	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.50	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.50	ug/kg	
75-25-2	Bromoform	ND	5.0	0.50	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	0.50	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.0	ug/kg	
67-66-3	Chloroform	ND	5.0	0.50	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.50	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	0.50	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	0.50	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	0.50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	0.50	ug/kg	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	0.50	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.50	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	0.50	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	0.50	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	0.50	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	0.50	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	0.50	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STOCKPILE SAMPLE(1-2)COMP		
Lab Sample ID:	C19634-3	Date Sampled:	01/04/12
Matrix:	SO - Soil	Date Received:	01/04/12
Method:	SW846 8260B	Percent Solids:	n/a [a]
Project:	KRB Construction - San Leandro, CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	0.50	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
637-92-3	Ethyl tert-Butyl Ether [b]	ND	5.0	0.50	ug/kg	
591-78-6	2-Hexanone	ND	20	2.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	0.50	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	20	2.0	ug/kg	
74-83-9	Methyl bromide	ND	5.0	1.0	ug/kg	
74-87-3	Methyl chloride	ND	5.0	1.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.50	ug/kg	
75-09-2	Methylene chloride	ND	20	5.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	20	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/kg	
100-42-5	Styrene	ND	5.0	0.50	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	40	10	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.50	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.50	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	0.50	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	0.60	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	0.50	ug/kg	
75-69-4	Trichlorofluoromethane [b]	ND	5.0	1.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STOCKPILE SAMPLE(1-2)COMP		
Lab Sample ID:	C19634-3	Date Sampled:	01/04/12
Matrix:	SO - Soil	Date Received:	01/04/12
Method:	SW846 8260B	Percent Solids:	n/a [a]
Project:	KRB Construction - San Leandro, CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	99%		60-130%

(a) All results reported on a wet weight basis.
(b) CCV outside of control limits (biased high); not detected in sample.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STOCKPILE SAMPLE(1-2)COMP		
Lab Sample ID:	C19634-3	**Date Sampled:**	01/04/12
Matrix:	SO - Soil	**Date Received:**	01/04/12
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	KRB Construction - San Leandro, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH20286.D	1	01/06/12	JH	01/06/12	OP5172	GHH647
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	4.49	9.9	2.5	mg/kg	J
	TPH (>C28-C40)	7.61	20	5.0	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	69%		45-140%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STOCKPILE SAMPLE(1-2)COMP		
Lab Sample ID:	C19634-3	**Date Sampled:**	01/04/12
Matrix:	SO - Soil	**Date Received:**	01/04/12
		Percent Solids:	n/a [a]
Project:	KRB Construction - San Leandro, CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 1.8	1.8	mg/kg	1	01/05/12	01/06/12	RS	SW846 6010B [1]	SW846 3050B [3]
Arsenic	4.1	1.8	mg/kg	1	01/05/12	01/06/12	RS	SW846 6010B [1]	SW846 3050B [3]
Beryllium	< 0.92	0.92	mg/kg	1	01/05/12	01/06/12	RS	SW846 6010B [1]	SW846 3050B [3]
Cadmium	< 0.92	0.92	mg/kg	1	01/05/12	01/06/12	RS	SW846 6010B [1]	SW846 3050B [3]
Chromium	32.7	0.92	mg/kg	1	01/05/12	01/06/12	RS	SW846 6010B [1]	SW846 3050B [3]
Copper	13.2	2.3	mg/kg	1	01/05/12	01/06/12	RS	SW846 6010B [1]	SW846 3050B [3]
Lead	6.0	1.8	mg/kg	1	01/05/12	01/06/12	RS	SW846 6010B [1]	SW846 3050B [3]
Mercury	< 0.040	0.040	mg/kg	1	01/14/12	01/16/12	RW	SW846 7471A [2]	SW846 7471A [4]
Nickel	37.3	0.92	mg/kg	1	01/05/12	01/06/12	RS	SW846 6010B [1]	SW846 3050B [3]
Selenium	< 1.8	1.8	mg/kg	1	01/05/12	01/06/12	RS	SW846 6010B [1]	SW846 3050B [3]
Silver	< 0.92	0.92	mg/kg	1	01/05/12	01/06/12	RS	SW846 6010B [1]	SW846 3050B [3]
Thallium	< 1.8	1.8	mg/kg	1	01/05/12	01/06/12	RS	SW846 6010B [1]	SW846 3050B [3]
Zinc	39.6	1.8	mg/kg	1	01/05/12	01/06/12	RS	SW846 6010B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA2270
(2) Instrument QC Batch: MA2287
(3) Prep QC Batch: MP4373
(4) Prep QC Batch: MP4413

(a) All results reported on a wet weight basis.

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CCCAD 4046

Compliance & Closure, Inc.

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

PROJECT NO.	PROJECT NAME/SITE	P.O. #
12199-2	KBR Construction San Leandro, CA	C19634

SAMPLERS (SIGN) Gary R. Mulkey / (PRINT) Gary R. Mulkey

ANALYSIS REQUESTED

SAMPLE IDENTIFICATION	DATE	TIME	COMP	GRAB	PRES. USED	ICED	NO. CONTAINERS	SAMPLE TYPE	BTEX (602/8020)	TPHg (8015)	TPHd (8015)	TOG 418.1/5520	601/8010	8260 solvents	625/8270	CAM 17 metals	waste oil	8015 DRO/ORO			REMARKS
1 stockpile sample 1	1/4/12	9:45		X	—	X	1	S	X	X	X			X		X	X		3	2j	comp. composit samples into one sample
stockpile sample 2 — composite into one sample		9:50																			

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	LABORATORY:	PLEASE SEND RESULTS TO:
Gary R. Mulkey	1/4/12	11:00	[signature]	Accutest Laboratories San Jose, CA 13.6-0.4=13.2°C	Compliance & Closure, Inc. 4115 Blackhawk Plaza Circle Suite 100 Danville, CA 94506 (925) 648-2008 Fax (925) 292-4565 gary @ cci-envr.com
RELINQUISHED BY	DATE	TIME	RECEIVED BY:		
RELINQUISHED BY	DATE	TIME	RECEIVED BY:	REQUESTED TURNAROUND TIME standard	
RELINQUISHED BY	DATE	TIME	RECEIVED BY LABORATORY	RECEIPT CONDITION	PROJECT MANAGER Attn: Mr. Gary Mulkey

C19634: Chain of Custody

Page 1 of 2

Accutest Laboratories Northern California Sample Receiving Check List Job#: C19634 Initial: JM

Review Chain of Custody — Chain of Custody is to be complete and legible.

- ☑ Are these regulatory (NPDES) samples? CWA — Yes / No
- ☑ Is pH requested? — Yes / (No)
  - ☐ Was Client informed that hold time is 15 min? Yes / No — Continue Yes / No
  - ☐ Was ortho-Phosphate filtered with in 15 min? Yes / No — Continue Yes / No
- ☑ Are sample within hold time? — (Yes) / No
  - Are sample in danger of exceeding hold-time — Yes / (No)
- ☑ Existing Client? (Yes) / No — Existing Project? (Yes) / No
  - If No: Is Report to info complete and legible, including;
    - ☐ deliverable ☐ Name ☐ Address ☐ phone ☐ e-mail
  - Is Bill to info complete and legible, including;
    - ☐ PO# ☐ Credit card ☐ Contact ☐ address ☐ phone ☐ e-mail
  - Is Contact and/or Project Manager identified, including;
    - ☐ phone ☐ e-mail
    - ☐ Project name / number
- ☑ Special requirements? — Yes / (No)
- ☑ Sample IDs / date & time of collection provided? — (Yes) / No
- ☑ Is Matrix listed and correct? — (Yes) / No
- ☑ Analyses listed, we do, or client has authorized a subcontract? — (Yes) / No
- ☑ Chain is signed and dated by both client and sample custodian? — (Yes) / No
- ☑ TAT requested available? (Yes) / No — Approved by PM

Review Coolers;

- ☑ Were all Coolers temperatures measured at ≤6°C? — Yes / (No)
  - • If cooler is outside the ≤6°C; note down the affected bottles in that cooler on the left
- ☑ Are samples on ice? — Yes / (No)

Note that ANC does NOT accept evidentiary samples. (We do not lock refrigerators)

- ☑ Shipment Received Method WALK IN
- ☑ Custody Seals: Present: Yes / No — If Yes; Unbroken: Yes / No

Review of Sample Bottles; If you answer no, explain to the side

- ☑ Chain matches bottle labels? (Yes) / No — ☑ Sample bottle intact? (Yes) / No
- ☑ Is there enough sample volume in proper bottle for requested analyses? — (Yes) / No
- ☑ Proper Preservatives? Yes / No N/A
  - Check pH on preserved samples except 1664, 625, 8270 and VOAs; make notes on left.
- ☐ Headspace-VOAs? Greater than 6mm in diameter — Yes / No
  - List sample ID and affected container N/A

Client Sample ID	pH Check	Other Comments/Issues
		1-2x6 liner EA.

Non-Compliance issues and discrepancies on the COC are forwarded to Project Management

\\Accunca.accutest.com\depts\qa\sops\sop_completelist_2010\current_active_sop_oct_2010\sc001f1_0_form1_samplecontrol_samplereceivingchecklist_2009-01-01.doc

C19634: Chain of Custody
Page 2 of 2

Northern California ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C19634
Account: CCCAD Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM963-MB	M30415.D	1	01/06/12	XB	n/a	n/a	VM963

The QC reported here applies to the following samples: Method: SW846 8260B

C19634-3

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	40	10	ug/kg	
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.50	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.50	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.50	ug/kg	
75-25-2	Bromoform	ND	5.0	0.50	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	0.50	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.0	ug/kg	
67-66-3	Chloroform	ND	5.0	0.50	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.50	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	0.50	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	0.50	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	0.50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	0.50	ug/kg	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	0.50	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.50	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	0.50	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	0.50	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	0.50	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	0.50	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	0.50	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	0.50	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	5.0	0.50	ug/kg	

Method Blank Summary

Job Number: C19634
Account: CCCAD Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM963-MB	M30415.D	1	01/06/12	XB	n/a	n/a	VM963

The QC reported here applies to the following samples: Method: SW846 8260B

C19634-3

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	20	2.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	0.50	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	20	2.0	ug/kg	
74-83-9	Methyl bromide	ND	5.0	1.0	ug/kg	
74-87-3	Methyl chloride	ND	5.0	1.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.50	ug/kg	
75-09-2	Methylene chloride	ND	20	5.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	20	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/kg	
100-42-5	Styrene	ND	5.0	0.50	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	40	10	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.50	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.50	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	0.50	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	0.60	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	0.50	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	1.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

Method Blank Summary

Job Number: C19634
Account: CCCAD Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM963-MB	M30415.D	1	01/06/12	XB	n/a	n/a	VM963

The QC reported here applies to the following samples: Method: SW846 8260B

C19634-3

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	93%	60-130%
2037-26-5	Toluene-D8	102%	60-130%
460-00-4	4-Bromofluorobenzene	96%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C19634
Account: CCCAD Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM963-BS	M30412.D	1	01/06/12	XB	n/a	n/a	VM963
VM963-BSD	M30413.D	1	01/06/12	XB	n/a	n/a	VM963

The QC reported here applies to the following samples: Method: SW846 8260B

C19634-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	160	142	89	145	91	2	60-130/30
71-43-2	Benzene	40	43.9	110	43.5	109	1	60-130/30
108-86-1	Bromobenzene	40	43.4	109	43.7	109	1	60-130/30
74-97-5	Bromochloromethane	40	43.4	109	42.8	107	1	60-130/30
75-27-4	Bromodichloromethane	40	46.1	115	45.0	113	2	60-130/30
75-25-2	Bromoform	40	41.9	105	41.6	104	1	60-130/30
104-51-8	n-Butylbenzene	40	42.8	107	44.2	111	3	60-130/30
135-98-8	sec-Butylbenzene	40	43.1	108	44.2	111	3	60-130/30
98-06-6	tert-Butylbenzene	40	43.0	108	44.0	110	2	60-130/30
108-90-7	Chlorobenzene	40	42.7	107	42.4	106	1	60-130/30
75-00-3	Chloroethane	40	44.7	112	43.1	108	4	60-130/30
67-66-3	Chloroform	40	44.5	111	43.6	109	2	60-130/30
95-49-8	o-Chlorotoluene	40	42.8	107	43.2	108	1	60-130/30
106-43-4	p-Chlorotoluene	40	44.4	111	45.6	114	3	60-130/30
56-23-5	Carbon tetrachloride	40	44.8	112	45.1	113	1	60-130/30
75-34-3	1,1-Dichloroethane	40	44.6	112	43.4	109	3	60-130/30
75-35-4	1,1-Dichloroethylene	40	42.3	106	42.4	106	0	60-130/30
563-58-6	1,1-Dichloropropene	40	44.9	112	44.8	112	0	60-130/30
96-12-8	1,2-Dibromo-3-chloropropane	40	40.2	101	42.7	107	6	60-130/30
106-93-4	1,2-Dibromoethane	40	43.5	109	43.2	108	1	60-130/30
107-06-2	1,2-Dichloroethane	40	47.2	118	45.5	114	4	60-130/30
78-87-5	1,2-Dichloropropane	40	45.3	113	44.9	112	1	60-130/30
142-28-9	1,3-Dichloropropane	40	44.0	110	43.4	109	1	60-130/30
108-20-3	Di-Isopropyl ether	40	44.2	111	43.6	109	1	60-130/30
594-20-7	2,2-Dichloropropane	40	47.4	119	46.7	117	1	60-130/30
124-48-1	Dibromochloromethane	40	44.3	111	43.6	109	2	60-130/30
75-71-8	Dichlorodifluoromethane	40	34.9	87	33.3	83	5	60-130/30
156-59-2	cis-1,2-Dichloroethylene	40	43.3	108	42.0	105	3	60-130/30
10061-01-5	cis-1,3-Dichloropropene	40	46.4	116	45.6	114	2	60-130/30
541-73-1	m-Dichlorobenzene	40	42.9	107	43.2	108	1	60-130/30
95-50-1	o-Dichlorobenzene	40	42.8	107	43.1	108	1	60-130/30
106-46-7	p-Dichlorobenzene	40	42.7	107	43.0	108	1	60-130/30
156-60-5	trans-1,2-Dichloroethylene	40	43.1	108	43.0	108	0	60-130/30
10061-02-6	trans-1,3-Dichloropropene	40	45.4	114	44.6	112	2	60-130/30
100-41-4	Ethylbenzene	40	43.9	110	43.8	110	0	60-130/30
637-92-3	Ethyl tert-Butyl Ether	40	48.4	121	47.6	119	2	60-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: C19634
Account: CCCAD Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM963-BS	M30412.D	1	01/06/12	XB	n/a	n/a	VM963
VM963-BSD	M30413.D	1	01/06/12	XB	n/a	n/a	VM963

The QC reported here applies to the following samples: Method: SW846 8260B

C19634-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	160	176	110	179	112	2	60-130/30
87-68-3	Hexachlorobutadiene	40	42.3	106	43.7	109	3	60-130/30
98-82-8	Isopropylbenzene	40	43.3	108	43.1	108	0	60-130/30
99-87-6	p-Isopropyltoluene	40	43.3	108	44.0	110	2	60-130/30
108-10-1	4-Methyl-2-pentanone	160	182	114	184	115	1	60-130/30
74-83-9	Methyl bromide	40	43.7	109	42.7	107	2	60-130/30
74-87-3	Methyl chloride	40	43.7	109	40.6	102	7	60-130/30
74-95-3	Methylene bromide	40	43.7	109	43.5	109	0	60-130/30
75-09-2	Methylene chloride	40	41.0	103	39.8	100	3	60-130/30
78-93-3	Methyl ethyl ketone	160	151	94	155	97	3	60-130/30
1634-04-4	Methyl Tert Butyl Ether	40	46.5	116	46.1	115	1	60-130/30
91-20-3	Naphthalene	40	40.7	102	42.6	107	5	60-130/30
103-65-1	n-Propylbenzene	40	43.9	110	44.8	112	2	60-130/30
100-42-5	Styrene	40	43.1	108	42.7	107	1	60-130/30
994-05-8	Tert-Amyl Methyl Ether	40	47.4	119	46.0	115	3	60-130/30
75-65-0	Tert Butyl Alcohol	200	221	111	226	113	2	60-130/30
630-20-6	1,1,1,2-Tetrachloroethane	40	43.0	108	42.4	106	1	60-130/30
71-55-6	1,1,1-Trichloroethane	40	45.8	115	46.0	115	0	60-130/30
79-34-5	1,1,2,2-Tetrachloroethane	40	41.9	105	42.4	106	1	60-130/30
79-00-5	1,1,2-Trichloroethane	40	42.3	106	41.7	104	1	60-130/30
87-61-6	1,2,3-Trichlorobenzene	40	42.5	106	43.4	109	2	60-130/30
96-18-4	1,2,3-Trichloropropane	40	40.2	101	41.1	103	2	60-130/30
120-82-1	1,2,4-Trichlorobenzene	40	42.4	106	43.5	109	3	60-130/30
95-63-6	1,2,4-Trimethylbenzene	40	43.2	108	43.6	109	1	60-130/30
108-67-8	1,3,5-Trimethylbenzene	40	43.7	109	45.3	113	4	60-130/30
127-18-4	Tetrachloroethylene	40	42.9	107	43.6	109	2	60-130/30
108-88-3	Toluene	40	43.2	108	42.6	107	1	60-130/30
79-01-6	Trichloroethylene	40	44.2	111	44.6	112	1	60-130/30
75-69-4	Trichlorofluoromethane	40	45.3	113	44.6	112	2	60-130/30
75-01-4	Vinyl chloride	40	40.1	100	38.5	96	4	60-130/30
1330-20-7	Xylene (total)	120	127	106	125	104	2	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	97%	96%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C19634
Account: CCCAD Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM963-BS	M30412.D	1	01/06/12	XB	n/a	n/a	VM963
VM963-BSD	M30413.D	1	01/06/12	XB	n/a	n/a	VM963

The QC reported here applies to the following samples: Method: SW846 8260B

C19634-3

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
2037-26-5	Toluene-D8	97%	95%	60-130%
460-00-4	4-Bromofluorobenzene	102%	100%	60-130%

Laboratory Control Sample Summary

Job Number: C19634
Account: CCCAD Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM963-LCS	M30414.D	1	01/06/12	XB	n/a	n/a	VM963

The QC reported here applies to the following samples: Method: SW846 8260B

C19634-3

CAS No.	Compound	Spike ug/kg	LCS ug/kg	LCS %	Limits
	TPH-GRO (C6-C10)	250	251	100	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	93%	60-130%
2037-26-5	Toluene-D8	100%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C19634
Account: CCCAD Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C19641-6MS	M30428.D	1	01/06/12	XB	n/a	n/a	VM963
C19641-6MSD	M30429.D	1	01/06/12	XB	n/a	n/a	VM963
C19641-6	M30421.D	1	01/06/12	XB	n/a	n/a	VM963

The QC reported here applies to the following samples: Method: SW846 8260B

C19634-3

CAS No.	Compound	C19641-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	123		159	197	47* [a]	223	52* [a]	12	60-130/30
71-43-2	Benzene	1.4	J	39.7	33.3	80	41.1	83	21	60-130/30
108-86-1	Bromobenzene	5.2 U		39.7	21.7	55* [a]	26.9	56* [a]	21	60-130/30
74-97-5	Bromochloromethane	5.2 U		39.7	32.5	82	37.9	79	15	60-130/30
75-27-4	Bromodichloromethane	5.2 U		39.7	30.8	78	38.1	80	21	60-130/30
75-25-2	Bromoform	5.2 U		39.7	28.1	71	34.8	73	21	60-130/30
104-51-8	n-Butylbenzene	21.9		39.7	19.2	-7* [a]	23.0	2* [a]	18	60-130/30
135-98-8	sec-Butylbenzene	69.6		39.7	36.0	-85* [a]	44.0	-53* [a]	20	60-130/30
98-06-6	tert-Butylbenzene	6.6		39.7	24.6	45* [a]	29.6	48* [a]	18	60-130/30
108-90-7	Chlorobenzene	5.2 U		39.7	25.5	64	31.3	65	20	60-130/30
75-00-3	Chloroethane	5.2 U		39.7	35.3	89	43.7	91	21	60-130/30
67-66-3	Chloroform	5.2 U		39.7	34.6	87	41.1	86	17	60-130/30
95-49-8	o-Chlorotoluene	5.2 U		39.7	20.9	53* [a]	28.1	59* [a]	29	60-130/30
106-43-4	p-Chlorotoluene	5.2 U		39.7	15.7	40* [a]	20.8	43* [a]	28	60-130/30
56-23-5	Carbon tetrachloride	5.2 U		39.7	28.8	73	36.9	77	25	60-130/30
75-34-3	1,1-Dichloroethane	5.2 U		39.7	35.5	89	42.5	89	18	60-130/30
75-35-4	1,1-Dichloroethylene	5.2 U		39.7	29.0	73	35.4	74	20	60-130/30
563-58-6	1,1-Dichloropropene	5.2 U		39.7	27.4	69	33.4	70	20	60-130/30
96-12-8	1,2-Dibromo-3-chloropropane	5.2 U		39.7	33.7	85	39.5	83	16	60-130/30
106-93-4	1,2-Dibromoethane	5.2 U		39.7	31.0	78	37.0	77	18	60-130/30
107-06-2	1,2-Dichloroethane	5.2 U		39.7	36.7	92	43.3	90	17	60-130/30
78-87-5	1,2-Dichloropropane	5.2 U		39.7	35.0	88	42.3	88	19	60-130/30
142-28-9	1,3-Dichloropropane	5.2 U		39.7	33.8	85	39.9	83	17	60-130/30
108-20-3	Di-Isopropyl ether	5.2 U		39.7	36.1	91	43.7	91	19	60-130/30
594-20-7	2,2-Dichloropropane	5.2 U		39.7	37.5	95	44.7	93	18	60-130/30
124-48-1	Dibromochloromethane	5.2 U		39.7	30.4	77	37.3	78	20	60-130/30
75-71-8	Dichlorodifluoromethane	5.2 U		39.7	27.7	70	30.9	65	11	60-130/30
156-59-2	cis-1,2-Dichloroethylene	5.2 U		39.7	29.5	74	35.3	74	18	60-130/30
10061-01-5	cis-1,3-Dichloropropene	5.2 U		39.7	26.9	68	33.1	69	21	60-130/30
541-73-1	m-Dichlorobenzene	5.2 U		39.7	16.4	41* [a]	20.9	44* [a]	24	60-130/30
95-50-1	o-Dichlorobenzene	2.1	J	39.7	20.4	46* [a]	26.4	51* [a]	26	60-130/30
106-46-7	p-Dichlorobenzene	5.2 U		39.7	16.2	41* [a]	20.6	43* [a]	24	60-130/30
156-60-5	trans-1,2-Dichloroethylene	5.2 U		39.7	25.1	63	30.2	63	18	60-130/30
10061-02-6	trans-1,3-Dichloropropene	5.2 U		39.7	23.2	58* [a]	27.9	58* [a]	18	60-130/30
100-41-4	Ethylbenzene	0.63	J	39.7	26.0	64	31.1	64	18	60-130/30
637-92-3	Ethyl tert-Butyl Ether	5.2 U		39.7	44.1	111	52.5	110	17	60-130/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C19634
Account: CCCAD Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C19641-6MS	M30428.D	1	01/06/12	XB	n/a	n/a	VM963
C19641-6MSD	M30429.D	1	01/06/12	XB	n/a	n/a	VM963
C19641-6	M30421.D	1	01/06/12	XB	n/a	n/a	VM963

The QC reported here applies to the following samples: Method: SW846 8260B

C19634-3

CAS No.	Compound	C19641-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	21 U		159	200	126	233	122	15	60-130/30
87-68-3	Hexachlorobutadiene	5.2 U		39.7	11.4	29* a	11.7	24* a	3	60-130/30
98-82-8	Isopropylbenzene	53.3		39.7	30.2	-58* a	37.2	-34* a	21	60-130/30
99-87-6	p-Isopropyltoluene	0.56	J	39.7	17.8	43* a	20.8	42* a	16	60-130/30
108-10-1	4-Methyl-2-pentanone	21 U		159	205	129	240	125	16	60-130/30
74-83-9	Methyl bromide	5.2 U		39.7	29.3	74	35.7	75	20	60-130/30
74-87-3	Methyl chloride	5.2 U		39.7	31.6	80	35.2	74	11	60-130/30
74-95-3	Methylene bromide	5.2 U		39.7	30.8	78	36.8	77	18	60-130/30
75-09-2	Methylene chloride	21 U		39.7	31.2	79	37.3	78	18	60-130/30
78-93-3	Methyl ethyl ketone	32.1		159	184	96	211	93	14	60-130/30
1634-04-4	Methyl Tert Butyl Ether	5.2 U		39.7	44.9	113	53.8	112	18	60-130/30
91-20-3	Naphthalene	5.2 U		39.7	17.5	44* a	22.6	47* a	25	60-130/30
103-65-1	n-Propylbenzene	54.3		39.7	28.4	-65* a	35.9	-38* a	23	60-130/30
100-42-5	Styrene	5.2 U		39.7	22.1	56* a	27.5	57* a	22	60-130/30
994-05-8	Tert-Amyl Methyl Ether	5.2 U		39.7	43.1	109	51.6	108	18	60-130/30
75-65-0	Tert Butyl Alcohol	42 U		198	265	134* a	297	124	11	60-130/30
630-20-6	1,1,1,2-Tetrachloroethane	5.2 U		39.7	29.3	74	36.9	77	23	60-130/30
71-55-6	1,1,1-Trichloroethane	5.2 U		39.7	36.3	91	43.7	91	19	60-130/30
79-34-5	1,1,2,2-Tetrachloroethane	5.2 U		39.7	27.5	69	32.2	67	16	60-130/30
79-00-5	1,1,2-Trichloroethane	5.2 U		39.7	37.6	95	45.6	95	19	60-130/30
87-61-6	1,2,3-Trichlorobenzene	5.2 U		39.7	12.2	31* a	15.3	32* a	23	60-130/30
96-18-4	1,2,3-Trichloropropane	5.2 U		39.7	34.2	86	38.7	81	12	60-130/30
120-82-1	1,2,4-Trichlorobenzene	5.2 U		39.7	10.8	27* a	13.5	28* a	22	60-130/30
95-63-6	1,2,4-Trimethylbenzene	9.5		39.7	25.2	40* a	31.1	45* a	21	60-130/30
108-67-8	1,3,5-Trimethylbenzene	5.2 U		39.7	23.9	60	28.9	60	19	60-130/30
127-18-4	Tetrachloroethylene	5.2 U		39.7	35.3	89	42.2	88	18	60-130/30
108-88-3	Toluene	0.68	J	39.7	29.0	71	35.0	72	19	60-130/30
79-01-6	Trichloroethylene	5.2 U		39.7	28.8	73	34.4	72	18	60-130/30
75-69-4	Trichlorofluoromethane	5.2 U		39.7	34.8	88	42.3	88	19	60-130/30
75-01-4	Vinyl chloride	5.2 U		39.7	31.7	80	37.2	78	16	60-130/30
1330-20-7	Xylene (total)	1.1	J	119	75.5	63	92.0	63	20	60-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C19641-6	Limits
1868-53-7	Dibromofluoromethane	100%	98%	104%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C19634
Account: CCCAD Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C19641-6MS	M30428.D	1	01/06/12	XB	n/a	n/a	VM963
C19641-6MSD	M30429.D	1	01/06/12	XB	n/a	n/a	VM963
C19641-6	M30421.D	1	01/06/12	XB	n/a	n/a	VM963

The QC reported here applies to the following samples: Method: SW846 8260B

C19634-3

CAS No.	Surrogate Recoveries	MS	MSD	C19641-6	Limits
2037-26-5	Toluene-D8	96%	96%	98%	60-130%
460-00-4	4-Bromofluorobenzene	113%	114%	110%	60-130%

(a) Outside laboratory control limits.

Northern California ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C19634
Account: CCCAD Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP5172-MB	HH20283.D	1	01/06/12	JH	01/06/12	OP5172	GHH647

The QC reported here applies to the following samples: Method: SW846 8015B M

C19634-3

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	10	2.5	mg/kg	
	TPH (>C28-C40)	ND	20	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	58%	45-140%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C19634
Account: CCCAD Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP5172-BS	HH20284.D	1	01/06/12	JH	01/06/12	OP5172	GHH647
OP5172-BSD	HH20285.D	1	01/06/12	JH	01/06/12	OP5172	GHH647

The QC reported here applies to the following samples: Method: SW846 8015B M

C19634-3

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	100	63.7	64	61.6	62	3	45-140/30
	TPH (>C28-C40)	100	61.4	61	59.4	59	3	45-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	78%	72%	45-140%

Northern California ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: C19634
Account: CCCAD - Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

QC Batch ID: MP4373
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 01/05/12

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	1.3	2		
Antimony	2.0	.07	.087	-0.040	<2.0
Arsenic	2.0	.07	.07	-0.030	<2.0
Barium	20	.04	.035		
Beryllium	1.0	.02	.012	-0.010	<1.0
Boron	10	.09	.2		
Cadmium	1.0	.02	.015	-0.010	<1.0
Calcium	500	.71	7.6		
Chromium	1.0	.03	.054	0.060	<1.0
Cobalt	1.0	.02	.022		
Copper	2.5	.12	.19	0.24	<2.5
Iron	20	.64	1.6		
Lead	2.0	.07	.054	0.13	<2.0
Magnesium	500	2.7	1.5		
Manganese	1.5	.01	.054		
Molybdenum	2.0	.02	.024		
Nickel	1.0	.02	.024	0.010	<1.0
Potassium	1000	1.8	1.3		
Selenium	2.0	.18	.23	0.050	<2.0
Silicon		.12			
Silver	1.0	.03	.044	0.0	<1.0
Sodium	1000	1.5	4.8		
Strontium	1.0	.02	.017		
Thallium	2.0	.05	.073	-0.070	<2.0
Tin	50	.02	.41		
Titanium	1.0	.04	.079		
Vanadium	1.0	.03	.025		
Zinc	2.0	.03	.098	0.29	<2.0

Associated samples MP4373: C19634-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C19634
Account: CCCAD - Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

QC Batch ID: MP4373
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 01/05/12

Metal	C19630-11 Original	MS	Spikelot MPIR4A	% Rec	QC Limits
Aluminum					
Antimony	0.0	26.5	53.3	49.7N(a)	75-125
Arsenic	2.5	50.3	53.3	89.7	75-125
Barium	anr				
Beryllium	0.13	48.4	53.3	90.6	75-125
Boron					
Cadmium	0.0	47.9	53.3	89.9	75-125
Calcium					
Chromium	49.8	101	53.3	96.1	75-125
Cobalt	anr				
Copper	6.8	57.5	53.3	95.2	75-125
Iron					
Lead	2.4	53.7	53.3	96.3	75-125
Magnesium					
Manganese					
Molybdenum	anr				
Nickel	44.4	96.2	53.3	97.2	75-125
Potassium					
Selenium	0.0	45.7	53.3	85.8	75-125
Silicon					
Silver	0.0	49.8	53.3	93.5	75-125
Sodium					
Strontium					
Thallium	0.33	49.8	53.3	92.9	75-125
Tin					
Titanium					
Vanadium	anr				
Zinc	24.9	76.7	53.3	97.2	75-125

Associated samples MP4373: C19634-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery outside control limits due to matrix interference and/or high level in sample relative to the spike amount.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C19634
Account: CCCAD - Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

QC Batch ID: MP4373
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 01/05/12

Metal	C19630-11 Original	MSD	Spikelot MPIR4A	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony	0.0	25.6	52.8	48.5N(a)	3.5	20
Arsenic	2.5	50.4	52.8	90.7	0.2	20
Barium	anr					
Beryllium	0.13	48.5	52.8	91.6	0.2	20
Boron						
Cadmium	0.0	47.8	52.8	90.5	0.2	20
Calcium						
Chromium	49.8	103	52.8	100.8	2.0	20
Cobalt	anr					
Copper	6.8	58.0	52.8	97.0	0.9	20
Iron						
Lead	2.4	53.9	52.8	97.5	0.4	20
Magnesium						
Manganese						
Molybdenum	anr					
Nickel	44.4	96.1	52.8	97.9	0.1	20
Potassium						
Selenium	0.0	45.8	52.8	86.7	0.2	20
Silicon						
Silver	0.0	50.0	52.8	94.7	0.4	20
Sodium						
Strontium						
Thallium	0.33	49.8	52.8	93.7	0.0	20
Tin						
Titanium						
Vanadium	anr					
Zinc	24.9	76.6	52.8	97.9	0.1	20

Associated samples MP4373: C19634-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery outside control limits due to matrix interference and/or high level in sample relative to the spike amount.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: C19634
Account: CCCAD - Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

QC Batch ID: MP4373
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 01/05/12

Metal	BSP Result	Spikelot MPIR4A	% Rec	QC Limits
Aluminum				
Antimony	45.3	50	90.6	80-120
Arsenic	46.5	50	93.0	80-120
Barium	anr			
Beryllium	46.6	50	93.2	80-120
Boron				
Cadmium	46.7	50	93.4	80-120
Calcium				
Chromium	48.9	50	97.8	80-120
Cobalt	anr			
Copper	49.4	50	98.8	80-120
Iron				
Lead	48.2	50	96.4	80-120
Magnesium				
Manganese				
Molybdenum	anr			
Nickel	46.8	50	93.6	80-120
Potassium				
Selenium	44.6	50	89.2	80-120
Silicon				
Silver	48.5	50	97.0	80-120
Sodium				
Strontium				
Thallium	48.1	50	96.2	80-120
Tin				
Titanium				
Vanadium	anr			
Zinc	51.0	50	102.0	80-120

Associated samples MP4373: C19634-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: C19634
Account: CCCAD - Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

QC Batch ID: MP4373
Matrix Type: SOLID

Methods: SW846 6010B
Units: ug/l

Prep Date: 01/05/12

Metal	C19630-11 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony	0.00	0.00	NC	0-10
Arsenic	23.9	22.2	7.1	0-10
Barium	anr			
Beryllium	1.20	0.00	100.0(a)	0-10
Boron				
Cadmium	0.00	0.00	NC	0-10
Calcium				
Chromium	476	482	1.2	0-10
Cobalt	anr			
Copper	64.7	62.4	3.6	0-10
Iron				
Lead	23.4	23.3	0.4	0-10
Magnesium				
Manganese				
Molybdenum	anr			
Nickel	425	374	11.8*(b)	0-10
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium				
Strontium				
Thallium	3.20	0.00	100.0(a)	0-10
Tin				
Titanium				
Vanadium	anr			
Zinc	238	223	6.5	0-10

Associated samples MP4373: C19634-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
(b) Serial dilution indicates possible matrix interference.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: C19634
Account: CCCAD - Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

QC Batch ID: MP4413
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 01/14/12

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.042	.0017	.0043	0.0013	<0.042

Associated samples MP4413: C19634-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C19634
Account: CCCAD - Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

QC Batch ID: MP4413
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 01/14/12

Metal	C19630-11 Original	MS	Spikelot HGPWS1	% Rec	QC Limits
Mercury	0.014	0.38	0.379	96.6	75-125

Associated samples MP4413: C19634-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C19634
Account: CCCAD - Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

QC Batch ID: MP4413
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 01/14/12

Metal	C19630-11 Original	MSD	Spikelot HGPWS1	% Rec	MSD RPD	QC Limit
Mercury	0.014	0.39	0.385	97.7	2.6	20

Associated samples MP4413: C19634-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: C19634
Account: CCCAD - Compliance & Closure, Inc.
Project: KRB Construction - San Leandro, CA

QC Batch ID: MP4413
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 01/14/12

Metal	BSP Result	Spikelot HGPWS1	% Rec	QC Limits
Mercury	0.16	0.167	96.0	80-120

Associated samples MP4413: C19634-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested