



## General Chemistry

**ALS Environmental—Kelso Laboratory**  
1317 South 13th Avenue, Kelso, WA 98626  
Phone (360) 577-7222 Fax (360) 425-9096  
[www.alsglobal.com](http://www.alsglobal.com)

ALS Group USA, Corp.  
dba ALS Environmental

Analytical Report

**Client:** North Water District Lab Services (NWDLS)  
**Project:** 23A1459  
**Sample Matrix:** Ocean Water  
**Sample Name:** Method Blank  
**Lab Code:** K2301289-MB1

**Service Request:** K2301289  
**Date Collected:** NA  
**Date Received:** NA  
**Basis:** NA

General Chemistry Parameters

<u>Analyte Name</u>	<u>Analysis Method</u>	<u>Result</u>	<u>Units</u>	<u>MRL</u>	<u>MDL</u>	<u>Dil.</u>	<u>Date Analyzed</u>	<u>Date Extracted</u>	<u>Q</u>
Cyanide, Total	SM 4500-CN- E	ND U	mg/L	0.020	0.0005	1	02/04/23 15:04	02/04/23	

ALS Group USA, Corp.  
dba ALS Environmental

Analytical Report

**Client:** North Water District Lab Services (NWDLS)  
**Project:** 23A1459  
**Sample Matrix:** Ocean Water  
**Sample Name:** Method Blank  
**Lab Code:** K2301289-MB2

**Service Request:** K2301289  
**Date Collected:** NA  
**Date Received:** NA  
**Basis:** NA

General Chemistry Parameters

<u>Analyte Name</u>	<u>Analysis Method</u>	<u>Result</u>	<u>Units</u>	<u>MRL</u>	<u>MDL</u>	<u>Dil.</u>	<u>Date Analyzed</u>	<u>Date Extracted</u>	<u>Q</u>
Cyanide, Total	SM 4500-CN- E	ND U	mg/L	0.020	0.0005	1	02/09/23 16:15	02/09/23	

ALS Group USA, Corp.

dba ALS Environmental

QA/QC Report

**Client:** North Water District Lab Services (NWDLS)  
**Project:** 23A1459  
**Sample Matrix:** Sediment

**Service Request:** K2301289  
**Date Collected:** 01/16/23  
**Date Received:** 02/01/23  
**Date Analyzed:** 02/02/23

Replicate Sample Summary

Inorganic Parameters

**Sample Name:** 23A1459-16  
**Lab Code:** K2301289-005

**Units:** Percent  
**Basis:** As Received

<u>Analyte Name</u>	<u>Analysis Method</u>	<u>MRL</u>	<u>MDL</u>	<u>Sample Result</u>	<u>Duplicate Sample K2301289-005DUP Result</u>	<u>Average</u>	<u>RPD</u>	<u>RPD Limit</u>
Solids, Total	160.3 Modified	-	-	74.0	74.5	74.3	<1	20

Results flagged with an asterisk (\*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.

dba ALS Environmental

QA/QC Report

**Client:** North Water District Lab Services (NWDLS)  
**Project:** 23A1459  
**Sample Matrix:** Sediment

**Service Request:** K2301289  
**Date Collected:** 01/19/23  
**Date Received:** 02/01/23  
**Date Analyzed:** 02/02/23

**Replicate Sample Summary**  
**Inorganic Parameters**

**Sample Name:** 23A1459-36  
**Lab Code:** K2301289-020

**Units:** Percent  
**Basis:** As Received

<u>Analyte Name</u>	<u>Analysis Method</u>	<u>MRL</u>	<u>MDL</u>	<u>Sample Result</u>	<u>Duplicate Sample K2301289-020DUP Result</u>	<u>Average</u>	<u>RPD</u>	<u>RPD Limit</u>
Solids, Total	160.3 Modified	-	-	68.5	72.5	70.5	6	20

Results flagged with an asterisk (\*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.

dba ALS Environmental

QA/QC Report

Client: North Water District Lab Services (NWDLS)
Project: 23A1459
Sample Matrix: Sediment

Service Request: K2301289
Date Collected: 01/17/23
Date Received: 02/01/23
Date Analyzed: 02/02/23

Replicate Sample Summary
Inorganic Parameters

Sample Name: 23A1459-38
Lab Code: K2301289-021

Units: Percent
Basis: As Received

Table with 9 columns: Analyte Name, Analysis Method, MRL, MDL, Sample Result, Duplicate Sample K2301289-021DUP Result, Average, RPD, RPD Limit. Row 1: Solids, Total, 160.3 Modified, -, -, 65.6, 66.8, 66.2, 2, 20.

Results flagged with an asterisk (\*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.

dba ALS Environmental

QA/QC Report

Client: North Water District Lab Services (NWDLS)  
Project: 23A1459  
Sample Matrix: Sediment

Service Request: K2301289  
Date Collected: 01/21/23  
Date Received: 02/01/23  
Date Analyzed: 02/02/23

Replicate Sample Summary  
Inorganic Parameters

Sample Name: 23A1459-60  
Lab Code: K2301289-036

Units: Percent  
Basis: As Received

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2301289-036DUP Result	Average	RPD	RPD Limit
Solids, Total	160.3 Modified	-	-	78.0	78.1	78.1	<1	20

Results flagged with an asterisk (\*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.  
dba ALS Environmental

QA/QC Report

**Client:** North Water District Lab Services (NWDLS)  
**Project:** 23A1459  
**Sample Matrix:** Ocean Water

**Service Request:** K2301289  
**Date Analyzed:** 02/09/23  
**Date Extracted:** 02/09/23

**Lab Control Sample Summary**  
**Cyanide, Total**

**Analysis Method:** SM 4500-CN- E  
**Prep Method:** SM 4500-CN-C

**Units:** mg/L  
**Basis:** NA  
**Analysis Lot:** 794191

<b>Sample Name</b>	<b>Lab Code</b>	<b>Result</b>	<b>Spike Amount</b>	<b>% Rec</b>	<b>% Rec Limits</b>
Lab Control Sample	K2301289-LCS2	0.0734	0.075	98	84-115



**ALS Group USA, Corp.**  
dba ALS Environmental

QA/QC Report

**Client:** North Water District Lab Services (NWDLS)  
**Project:** 23A1459  
**Sample Matrix:** Ocean Water

**Service Request:** K2301289  
**Date Analyzed:** 02/04/23  
**Date Extracted:** 02/04/23

**Duplicate Lab Control Sample Summary**  
**General Chemistry Parameters**

**Analysis Method:** SM 4500-CN- E  
**Prep Method:** SM 4500-CN-C

**Units:** mg/L  
**Basis:** NA  
**Analysis Lot:** 793766

**Lab Control Sample**  
**K2301289-LCS1**

**Duplicate Lab Control Sample**  
**K2301289-DLCS1**

<u>Analyte Name</u>	<u>Result</u>	<u>Spike Amount</u>	<u>% Rec</u>	<u>Result</u>	<u>Spike Amount</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>RPD</u>	<u>RPD Limit</u>
Cyanide, Total	0.076	0.075	101	0.079	0.075	106	84-115	4	20



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10450 Stancliff Rd. Suite 210  
Houston, TX 77099  
T: +1 281 530 5656  
F: +1 281 530 5887

June 02, 2023

Monica Martin  
North Water District Laboratory Services, Inc.  
8725 Fawn Trail  
The Woodlands, TX 77380

Work Order: **HS23050576**

Laboratory Results for: **23A1459**

Dear Monica Martin,

ALS Environmental received 33 sample(s) on May 09, 2023 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: DAYNA.FISHER

Dane J. Wacasey

**Client:** North Water District Laboratory Services, Inc.  
**Project:** 23A1459  
**Work Order:** HS23050576

**SAMPLE SUMMARY**

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23050576-01	23A1459-16	Sediment		16-Jan-2023 14:20	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-02	23A1459-17	Sediment		17-Jan-2023 09:40	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-03	23A1459-18	Sediment		17-Jan-2023 14:40	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-04	23A1459-20	Sediment		16-Jan-2023 17:20	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-05	23A1459-21	Sediment		17-Jan-2023 11:30	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-06	23A1459-22	Sediment		17-Jan-2023 16:30	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-07	23A1459-24	Sediment		19-Jan-2023 15:20	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-08	23A1459-25	Sediment		20-Jan-2023 11:00	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-09	23A1459-27	Sediment		19-Jan-2023 17:00	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-10	23A1459-28	Sediment		20-Jan-2023 12:50	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-11	23A1459-30	Sediment		18-Jan-2023 09:40	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-12	23A1459-31	Sediment		18-Jan-2023 14:00	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-13	23A1459-32	Sediment		19-Jan-2023 09:20	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-14	23A1459-34	Sediment		18-Jan-2023 11:15	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-15	23A1459-35	Sediment		18-Jan-2023 15:45	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-16	23A1459-36	Sediment		19-Jan-2023 11:10	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-17	23A1459-38	Sediment		17-Jan-2023 14:12	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-18	23A1459-39	Sediment		18-Jan-2023 09:25	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-19	23A1459-40	Sediment		16-Jan-2023 16:37	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-20	23A1459-41	Sediment		17-Jan-2023 09:20	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-21	23A1459-43	Sediment		18-Jan-2023 14:10	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-22	23A1459-44	Sediment		19-Jan-2023 08:15	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-23	23A1459-45	Sediment		20-Jan-2023 09:15	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-24	23A1459-46	Sediment		27-Jan-2023 14:05	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-25	23A1459-47	Sediment		27-Jan-2023 09:20	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-26	23A1459-48	Sediment		19-Jan-2023 14:00	09-May-2023 12:21	<input type="checkbox"/>

**Client:** North Water District Laboratory Services, Inc.  
**Project:** 23A1459  
**Work Order:** HS23050576

**SAMPLE SUMMARY**

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Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23050576-27	23A1459-54	Sediment		25-Jan-2023 08:00	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-28	23A1459-55	Sediment		23-Jan-2023 16:00	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-29	23A1459-56	Sediment		23-Jan-2023 13:05	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-30	23A1459-58	Sediment		21-Jan-2023 10:00	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-31	23A1459-59	Sediment		21-Jan-2023 15:10	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-32	23A1459-60	Sediment		21-Jan-2023 11:45	09-May-2023 12:21	<input type="checkbox"/>
HS23050576-33	23A1459-66	Sediment		27-Jan-2023 12:30	09-May-2023 12:21	<input type="checkbox"/>

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**Client:** North Water District Laboratory Services, Inc.  
**Project:** 23A1459  
**Work Order:** HS23050576

**CASE NARRATIVE**

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**Work Order Comments**

- All samples were received frozen and were stored in compliant freezer storage.

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**WetChemistry by Method SW9060**

**Client:** North Water District Laboratory Services, Inc.  
**Project:** 23A1459  
**Work Order:** HS23050576

**CASE NARRATIVE****WetChemistry by Method SW9060****Batch ID: 194635****Sample ID: 23A1459-24 (HS23050576-07)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-25 (HS23050576-08)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-27 (HS23050576-09)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-28 (HS23050576-10)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-32 (HS23050576-13)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-36 (HS23050576-16)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-44 (HS23050576-22)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-45 (HS23050576-23)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-46 (HS23050576-24)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-47 (HS23050576-25)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-48 (HS23050576-26)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-54 (HS23050576-27)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-55 (HS23050576-28)**

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**Client:** North Water District Laboratory Services, Inc.  
**Project:** 23A1459  
**Work Order:** HS23050576

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**CASE NARRATIVE****WetChemistry by Method SW9060****Batch ID: 194635**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-56 (HS23050576-29)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-58 (HS23050576-30)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-59 (HS23050576-31)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-60 (HS23050576-32)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-66 (HS23050576-33)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Client:** North Water District Laboratory Services, Inc.  
**Project:** 23A1459  
**Work Order:** HS23050576

**CASE NARRATIVE****WetChemistry by Method SW9060****Batch ID: 194557****Sample ID: 23A1459-16 (HS23050576-01)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-17 (HS23050576-02)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-18 (HS23050576-03)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-20 (HS23050576-04)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-21 (HS23050576-05)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-22 (HS23050576-06)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-30 (HS23050576-11)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-31 (HS23050576-12)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-34 (HS23050576-14)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-35 (HS23050576-15)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-38 (HS23050576-17)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-39 (HS23050576-18)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-40 (HS23050576-19)**



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**Client:** North Water District Laboratory Services, Inc.  
**Project:** 23A1459  
**Work Order:** HS23050576

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**CASE NARRATIVE**

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**WetChemistry by Method SW9060**

**Batch ID: 194557**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-41 (HS23050576-20)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.

**Sample ID: 23A1459-43 (HS23050576-21)**

- Sample holding time expired prior to sample receipt. It was analyzed at the request of the client. Results should be considered estimated.
-

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-16  
 Collection Date: 16-Jan-2023 14:20

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-01  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>				Prep:SW9060 / 31-May-2023	Analyst: JAC
Total Organic Carbon	< 0.0594	H	0.0594	0.0594	wt%-dry	1	31-May-2023 16:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-17  
 Collection Date: 17-Jan-2023 09:40

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-02  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0514	H	0.0514	0.0514	wt%-dry	1	31-May-2023 16:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-18  
 Collection Date: 17-Jan-2023 14:40

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-03  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0569	H	0.0569	0.0569	wt%-dry	1	31-May-2023 16:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-20  
 Collection Date: 16-Jan-2023 17:20

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-04  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	0.0584	H	0.0548	0.0548	wt%-dry	1	31-May-2023 16:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-21  
 Collection Date: 17-Jan-2023 11:30

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-05  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>				Prep:SW9060 / 31-May-2023	Analyst: JAC
Total Organic Carbon	< 0.0529	H	0.0529	0.0529	wt%-dry	1	31-May-2023 16:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-22  
 Collection Date: 17-Jan-2023 16:30

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-06  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0598	H	0.0598	0.0598	wt%-dry	1	31-May-2023 16:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-24  
 Collection Date: 19-Jan-2023 15:20

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-07  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0547	H	0.0547	0.0547	wt%-dry	1	01-Jun-2023 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-25  
 Collection Date: 20-Jan-2023 11:00

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-08  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0596	H	0.0596	0.0596	wt%-dry	1	01-Jun-2023 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-27  
 Collection Date: 19-Jan-2023 17:00

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-09  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>				Prep:SW9060 / 31-May-2023	Analyst: JAC
Total Organic Carbon	< 0.0567	H	0.0567	0.0567	wt%-dry	1	01-Jun-2023 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-28  
 Collection Date: 20-Jan-2023 12:50

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-10  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0522	H	0.0522	0.0522	wt%-dry	1	01-Jun-2023 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-30  
 Collection Date: 18-Jan-2023 09:40

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-11  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0518	H	0.0518	0.0518	wt%-dry	1	31-May-2023 16:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-31  
 Collection Date: 18-Jan-2023 14:00

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-12  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>				Prep:SW9060 / 31-May-2023	Analyst: JAC
Total Organic Carbon	< 0.0522	H	0.0522	0.0522	wt%-dry	1	31-May-2023 16:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-32  
 Collection Date: 19-Jan-2023 09:20

**ANALYTICAL REPORT**  
 WorkOrder:HS23050576  
 Lab ID:HS23050576-13  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>				Prep:SW9060 / 31-May-2023	Analyst: JAC
Total Organic Carbon	< 0.0578	H	0.0578	0.0578	wt%-dry	1	01-Jun-2023 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-34  
 Collection Date: 18-Jan-2023 11:15

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-14  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0569	H	0.0569	0.0569	wt%-dry	1	31-May-2023 16:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-35  
 Collection Date: 18-Jan-2023 15:45

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-15  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0544	H	0.0544	0.0544	wt%-dry	1	31-May-2023 16:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-36  
 Collection Date: 19-Jan-2023 11:10

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-16  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0594	H	0.0594	0.0594	wt%-dry	1	01-Jun-2023 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-38  
 Collection Date: 17-Jan-2023 14:12

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-17  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	1.29	H	0.0513	0.0513	wt%-dry	1	31-May-2023 16:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-39  
 Collection Date: 18-Jan-2023 09:25

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-18  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>				Prep:SW9060 / 31-May-2023	Analyst: JAC
Total Organic Carbon	< 0.0528	H	0.0528	0.0528	wt%-dry	1	31-May-2023 16:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-40  
 Collection Date: 16-Jan-2023 16:37

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-19  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0545	H	0.0545	0.0545	wt%-dry	1	31-May-2023 16:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-41  
 Collection Date: 17-Jan-2023 09:20

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-20  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>				Prep:SW9060 / 31-May-2023	Analyst: JAC
Total Organic Carbon	< 0.0579	H	0.0579	0.0579	wt%-dry	1	31-May-2023 16:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-43  
 Collection Date: 18-Jan-2023 14:10

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-21  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0542	H	0.0542	0.0542	wt%-dry	1	31-May-2023 16:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-44  
 Collection Date: 19-Jan-2023 08:15

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-22  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0512	H	0.0512	0.0512	wt%-dry	1	01-Jun-2023 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-45  
 Collection Date: 20-Jan-2023 09:15

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-23  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0593	H	0.0593	0.0593	wt%-dry	1	01-Jun-2023 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-46  
 Collection Date: 27-Jan-2023 14:05

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-24  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>				Prep:SW9060 / 31-May-2023	Analyst: JAC
Total Organic Carbon	< 0.0583	H	0.0583	0.0583	wt%-dry	1	01-Jun-2023 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-47  
 Collection Date: 27-Jan-2023 09:20

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-25  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>				Prep:SW9060 / 31-May-2023	Analyst: JAC
Total Organic Carbon	< 0.0597	H	0.0597	0.0597	wt%-dry	1	01-Jun-2023 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-48  
 Collection Date: 19-Jan-2023 14:00

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-26  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0517	H	0.0517	0.0517	wt%-dry	1	01-Jun-2023 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-54  
 Collection Date: 25-Jan-2023 08:00

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-27  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0584	H	0.0584	0.0584	wt%-dry	1	01-Jun-2023 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-55  
 Collection Date: 23-Jan-2023 16:00

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-28  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>				Prep:SW9060 / 31-May-2023	Analyst: JAC
Total Organic Carbon	< 0.0599	H	0.0599	0.0599	wt%-dry	1	01-Jun-2023 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-56  
 Collection Date: 23-Jan-2023 13:05

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-29  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0570	H	0.0570	0.0570	wt%-dry	1	01-Jun-2023 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-58  
 Collection Date: 21-Jan-2023 10:00

**ANALYTICAL REPORT**  
 WorkOrder:HS23050576  
 Lab ID:HS23050576-30  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>				Prep:SW9060 / 31-May-2023	Analyst: JAC
Total Organic Carbon	< 0.0521	H	0.0521	0.0521	wt%-dry	1	01-Jun-2023 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-59  
 Collection Date: 21-Jan-2023 15:10

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-31  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0553	H	0.0553	0.0553	wt%-dry	1	01-Jun-2023 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-60  
 Collection Date: 21-Jan-2023 11:45

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-32  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>			Prep:SW9060 / 31-May-2023		Analyst: JAC
Total Organic Carbon	< 0.0477	H	0.0477	0.0477	wt%-dry	1	01-Jun-2023 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: North Water District Laboratory Services, Inc.  
 Project: 23A1459  
 Sample ID: 23A1459-66  
 Collection Date: 27-Jan-2023 12:30

**ANALYTICAL REPORT**

WorkOrder:HS23050576  
 Lab ID:HS23050576-33  
 Matrix:Sediment

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TOTAL ORGANIC CARBON BY SW9060A</b>		<b>Method:SW9060</b>				Prep:SW9060 / 31-May-2023	Analyst: JAC
Total Organic Carbon	< 0.0548	H	0.0548	0.0548	wt%-dry	1	01-Jun-2023 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

## Weight / Prep Log

Client: North Water District Laboratory Services, Inc.

Project: 23A1459

WorkOrder: HS23050576

Batch ID: 194557

Start Date: 31 May 2023 10:00

End Date: 31 May 2023 10:00

Method: TOC SOLID PREP

Prep Code: TOC\_SOLID\_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23050576-01		0.202 (grams)	0.2 (mL)	0.9901	8-oz glass, Neat
HS23050576-02		0.2333 (grams)	0.2 (mL)	0.8573	8-oz glass, Neat
HS23050576-03		0.2108 (grams)	0.2 (mL)	0.9488	8-oz glass, Neat
HS23050576-04		0.2191 (grams)	0.2 (mL)	0.9128	8-oz glass, Neat
HS23050576-05		0.2269 (grams)	0.2 (mL)	0.8814	8-oz glass, Neat
HS23050576-06		0.2007 (grams)	0.2 (mL)	0.9965	8-oz glass, Neat
HS23050576-11		0.2315 (grams)	0.2 (mL)	0.8639	8-oz glass, Neat
HS23050576-12		0.2298 (grams)	0.2 (mL)	0.8703	8-oz glass, Neat
HS23050576-14		0.2108 (grams)	0.2 (mL)	0.9488	8-oz glass, Neat
HS23050576-15		0.2204 (grams)	0.2 (mL)	0.9074	8-oz glass, Neat
HS23050576-17		0.2338 (grams)	0.2 (mL)	0.8554	8-oz glass, Neat
HS23050576-18		0.2271 (grams)	0.2 (mL)	0.8807	8-oz glass, Neat
HS23050576-19		0.22 (grams)	0.2 (mL)	0.9091	8-oz glass, Neat
HS23050576-20		0.2071 (grams)	0.2 (mL)	0.9657	8-oz glass, Neat
HS23050576-21		0.2212 (grams)	0.2 (mL)	0.9042	8-oz glass, Neat

Weight / Prep Log

**Client:** North Water District Laboratory Services, Inc.  
**Project:** 23A1459  
**WorkOrder:** HS23050576

**Batch ID:** 194635      **Start Date:** 31 May 2023 11:00      **End Date:** 31 May 2023 11:00  
**Method:** TOC SOLID PREP      **Prep Code:** TOC\_SOLID\_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS23050576-07		0.2193 (grams)	0.2 (mL)	0.912	8-oz glass, Neat
HS23050576-08		0.2015 (grams)	0.2 (mL)	0.9926	8-oz glass, Neat
HS23050576-09		0.2118 (grams)	0.2 (mL)	0.9443	8-oz glass, Neat
HS23050576-10		0.23 (grams)	0.2 (mL)	0.8696	8-oz glass, Neat
HS23050576-13		0.2077 (grams)	0.2 (mL)	0.9629	8-oz glass, Neat
HS23050576-16		0.2021 (grams)	0.2 (mL)	0.9896	8-oz glass, Neat
HS23050576-22		0.2344 (grams)	0.2 (mL)	0.8532	8-oz glass, Neat
HS23050576-23		0.2025 (grams)	0.2 (mL)	0.9877	8-oz glass, Neat
HS23050576-24		0.206 (grams)	0.2 (mL)	0.9709	8-oz glass, Neat
HS23050576-25		0.2011 (grams)	0.2 (mL)	0.9945	8-oz glass, Neat
HS23050576-26		0.2321 (grams)	0.2 (mL)	0.8617	8-oz glass, Neat
HS23050576-27		0.2054 (grams)	0.2 (mL)	0.9737	8-oz glass, Neat
HS23050576-28		0.2002 (grams)	0.2 (mL)	0.999	8-oz glass, Neat
HS23050576-29		0.2104 (grams)	0.2 (mL)	0.9506	8-oz glass, Neat
HS23050576-30		0.2302 (grams)	0.2 (mL)	0.8688	8-oz glass, Neat
HS23050576-31		0.217 (grams)	0.2 (mL)	0.9217	8-oz glass, Neat
HS23050576-32		0.2516 (grams)	0.2 (mL)	0.7949	8-oz glass, Neat
HS23050576-33		0.219 (grams)	0.2 (mL)	0.9132	8-oz glass, Neat

**Client:** North Water District Laboratory Services, Inc.  
**Project:** 23A1459  
**WorkOrder:** HS23050576

**DATES REPORT**

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
<b>Batch ID: 194557 ( 0 )</b>		<b>Test Name : TOTAL ORGANIC CARBON BY SW9060A</b>			<b>Matrix: Sediment</b>	
HS23050576-01	23A1459-16	16 Jan 2023 14:20		31 May 2023 10:00	31 May 2023 16:13	1
HS23050576-02	23A1459-17	17 Jan 2023 09:40		31 May 2023 10:00	31 May 2023 16:13	1
HS23050576-03	23A1459-18	17 Jan 2023 14:40		31 May 2023 10:00	31 May 2023 16:13	1
HS23050576-04	23A1459-20	16 Jan 2023 17:20		31 May 2023 10:00	31 May 2023 16:13	1
HS23050576-05	23A1459-21	17 Jan 2023 11:30		31 May 2023 10:00	31 May 2023 16:13	1
HS23050576-06	23A1459-22	17 Jan 2023 16:30		31 May 2023 10:00	31 May 2023 16:13	1
HS23050576-11	23A1459-30	18 Jan 2023 09:40		31 May 2023 10:00	31 May 2023 16:13	1
HS23050576-12	23A1459-31	18 Jan 2023 14:00		31 May 2023 10:00	31 May 2023 16:13	1
HS23050576-14	23A1459-34	18 Jan 2023 11:15		31 May 2023 10:00	31 May 2023 16:13	1
HS23050576-15	23A1459-35	18 Jan 2023 15:45		31 May 2023 10:00	31 May 2023 16:13	1
HS23050576-17	23A1459-38	17 Jan 2023 14:12		31 May 2023 10:00	31 May 2023 16:13	1
HS23050576-18	23A1459-39	18 Jan 2023 09:25		31 May 2023 10:00	31 May 2023 16:13	1
HS23050576-19	23A1459-40	16 Jan 2023 16:37		31 May 2023 10:00	31 May 2023 16:13	1
HS23050576-20	23A1459-41	17 Jan 2023 09:20		31 May 2023 10:00	31 May 2023 16:13	1
HS23050576-21	23A1459-43	18 Jan 2023 14:10		31 May 2023 10:00	31 May 2023 16:13	1
<b>Batch ID: 194635 ( 0 )</b>		<b>Test Name : TOTAL ORGANIC CARBON BY SW9060A</b>			<b>Matrix: Sediment</b>	
HS23050576-07	23A1459-24	19 Jan 2023 15:20		31 May 2023 11:00	01 Jun 2023 16:31	1
HS23050576-08	23A1459-25	20 Jan 2023 11:00		31 May 2023 11:00	01 Jun 2023 16:31	1
HS23050576-09	23A1459-27	19 Jan 2023 17:00		31 May 2023 11:00	01 Jun 2023 16:31	1
HS23050576-10	23A1459-28	20 Jan 2023 12:50		31 May 2023 11:00	01 Jun 2023 16:31	1
HS23050576-13	23A1459-32	19 Jan 2023 09:20		31 May 2023 11:00	01 Jun 2023 16:31	1
HS23050576-16	23A1459-36	19 Jan 2023 11:10		31 May 2023 11:00	01 Jun 2023 16:31	1
HS23050576-22	23A1459-44	19 Jan 2023 08:15		31 May 2023 11:00	01 Jun 2023 16:31	1
HS23050576-23	23A1459-45	20 Jan 2023 09:15		31 May 2023 11:00	01 Jun 2023 16:31	1
HS23050576-24	23A1459-46	27 Jan 2023 14:05		31 May 2023 11:00	01 Jun 2023 16:31	1
HS23050576-25	23A1459-47	27 Jan 2023 09:20		31 May 2023 11:00	01 Jun 2023 16:31	1
HS23050576-26	23A1459-48	19 Jan 2023 14:00		31 May 2023 11:00	01 Jun 2023 16:31	1
HS23050576-27	23A1459-54	25 Jan 2023 08:00		31 May 2023 11:00	01 Jun 2023 16:31	1
HS23050576-28	23A1459-55	23 Jan 2023 16:00		31 May 2023 11:00	01 Jun 2023 16:31	1
HS23050576-29	23A1459-56	23 Jan 2023 13:05		31 May 2023 11:00	01 Jun 2023 16:31	1
HS23050576-30	23A1459-58	21 Jan 2023 10:00		31 May 2023 11:00	01 Jun 2023 16:31	1
HS23050576-31	23A1459-59	21 Jan 2023 15:10		31 May 2023 11:00	01 Jun 2023 16:31	1
HS23050576-32	23A1459-60	21 Jan 2023 11:45		31 May 2023 11:00	01 Jun 2023 16:31	1
HS23050576-33	23A1459-66	27 Jan 2023 12:30		31 May 2023 11:00	01 Jun 2023 16:31	1

**Client:** North Water District Laboratory Services, Inc.  
**Project:** 23A1459  
**WorkOrder:** HS23050576

**QC BATCH REPORT**

**Batch ID:** 194557 ( 0 )      **Instrument:** TOC\_03      **Method:** TOTAL ORGANIC CARBON BY SW9060A

<b>MBLK</b>	Sample ID: <b>MBLK-194557</b>	Units: <b>wt%-dry</b>	Analysis Date: <b>31-May-2023 16:13</b>							
Client ID:	Run ID: <b>TOC_03_436750</b>	SeqNo: <b>7334636</b>	PrepDate: <b>31-May-2023</b>	DF: <b>1</b>						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual

Total Organic Carbon      < 0.0600      0.0600

<b>LCS</b>	Sample ID: <b>LCS-194557</b>	Units: <b>wt%-dry</b>	Analysis Date: <b>31-May-2023 16:13</b>							
Client ID:	Run ID: <b>TOC_03_436750</b>	SeqNo: <b>7334634</b>	PrepDate: <b>31-May-2023</b>	DF: <b>1</b>						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual

Total Organic Carbon      3.731      0.0562      3.747      0      99.6      80 - 120

<b>LCSD</b>	Sample ID: <b>LCSD-194557</b>	Units: <b>wt%-dry</b>	Analysis Date: <b>31-May-2023 16:13</b>							
Client ID:	Run ID: <b>TOC_03_436750</b>	SeqNo: <b>7334635</b>	PrepDate: <b>31-May-2023</b>	DF: <b>1</b>						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual

Total Organic Carbon      3.716      0.0573      3.817      0      97.4      80 - 120      3.731      0.416      20

<b>MS</b>	Sample ID: <b>HS23050576-01MS</b>	Units: <b>wt%-dry</b>	Analysis Date: <b>31-May-2023 16:13</b>							
Client ID: <b>23A1459-16</b>	Run ID: <b>TOC_03_436750</b>	SeqNo: <b>7334632</b>	PrepDate: <b>31-May-2023</b>	DF: <b>1</b>						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual

Total Organic Carbon      3.763      0.0572      3.815      0      98.6      80 - 120

<b>MSD</b>	Sample ID: <b>HS23050576-01MSD</b>	Units: <b>wt%-dry</b>	Analysis Date: <b>31-May-2023 16:13</b>							
Client ID: <b>23A1459-16</b>	Run ID: <b>TOC_03_436750</b>	SeqNo: <b>7334633</b>	PrepDate: <b>31-May-2023</b>	DF: <b>1</b>						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual

Total Organic Carbon      3.416      0.0558      3.719      0      91.8      80 - 120      3.763      9.65      20

<b>The following samples were analyzed in this batch:</b>	HS23050576-01	HS23050576-02	HS23050576-03	HS23050576-04
	HS23050576-05	HS23050576-06	HS23050576-11	HS23050576-12
	HS23050576-14	HS23050576-15	HS23050576-17	HS23050576-18
	HS23050576-19	HS23050576-20	HS23050576-21	

**Client:** North Water District Laboratory Services, Inc.  
**Project:** 23A1459  
**WorkOrder:** HS23050576

**QC BATCH REPORT**

**Batch ID:** 194635 ( 0 )      **Instrument:** TOC\_03      **Method:** TOTAL ORGANIC CARBON BY SW9060A

<b>MBLK</b>	Sample ID: <b>MBLK-194635</b>	Units: <b>wt%-dry</b>	Analysis Date: <b>01-Jun-2023 16:31</b>							
Client ID:	Run ID: <b>TOC_03_436852</b>	SeqNo: <b>7336944</b>	PrepDate: <b>31-May-2023</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual

Total Organic Carbon      < 0.0577      0.0577

<b>LCS</b>	Sample ID: <b>LCS-194635</b>	Units: <b>wt%-dry</b>	Analysis Date: <b>01-Jun-2023 16:31</b>							
Client ID:	Run ID: <b>TOC_03_436852</b>	SeqNo: <b>7336942</b>	PrepDate: <b>31-May-2023</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual

Total Organic Carbon      3.826      0.0573      3.822      0      100      80 - 120

<b>LCSD</b>	Sample ID: <b>LCSD-194635</b>	Units: <b>wt%-dry</b>	Analysis Date: <b>01-Jun-2023 16:31</b>							
Client ID:	Run ID: <b>TOC_03_436852</b>	SeqNo: <b>7336943</b>	PrepDate: <b>31-May-2023</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual

Total Organic Carbon      3.791      0.0581      3.872      0      97.9      80 - 120      3.826      0.924      20

<b>MS</b>	Sample ID: <b>HS23050576-07MS</b>	Units: <b>wt%-dry</b>	Analysis Date: <b>01-Jun-2023 16:31</b>							
Client ID: <b>23A1459-24</b>	Run ID: <b>TOC_03_436852</b>	SeqNo: <b>7336940</b>	PrepDate: <b>31-May-2023</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual

Total Organic Carbon      3.48      0.0569      3.795      0.01459      91.3      80 - 120

<b>MSD</b>	Sample ID: <b>HS23050576-07MSD</b>	Units: <b>wt%-dry</b>	Analysis Date: <b>01-Jun-2023 16:31</b>							
Client ID: <b>23A1459-24</b>	Run ID: <b>TOC_03_436852</b>	SeqNo: <b>7336941</b>	PrepDate: <b>31-May-2023</b> DF: <b>1</b>							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual

Total Organic Carbon      3.663      0.0570      3.802      0.01459      96.0      80 - 120      3.48      5.14      20

The following samples were analyzed in this batch:

HS23050576-07	HS23050576-08	HS23050576-09	HS23050576-10
HS23050576-13	HS23050576-16	HS23050576-22	HS23050576-23
HS23050576-24	HS23050576-25	HS23050576-26	HS23050576-27
HS23050576-28	HS23050576-29	HS23050576-30	HS23050576-31
HS23050576-32	HS23050576-33		

**Client:** North Water District Laboratory Services, Inc.  
**Project:** 23A1459  
**WorkOrder:** HS23050576

**QUALIFIERS,  
ACRONYMS, UNITS**

<b>Qualifier</b>	<b>Description</b>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

<b>Acronym</b>	<b>Description</b>
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

<b>Unit Reported</b>	<b>Description</b>
Date	



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**CERTIFICATIONS,ACCREDITATIONS & LICENSES**

<b>Agency</b>	<b>Number</b>	<b>Expire Date</b>
Arkansas	88-00356	27-Mar-2024
Dept of Defense	L23-358	31-May-2025
Florida	E87611-37	30-Jun-2023
Kansas	E-10352; 2022-2023	31-Jul-2023
Louisiana	03087, 2022-2023	30-Jun-2023
Maryland	343, 2022-2023	30-Jun-2023
North Carolina	624-2023	31-Dec-2023
Oklahoma	2022-141	31-Aug-2023
Texas	T104704231-23-31	30-Apr-2024
Utah	TX026932022-13	31-Jul-2023

Sample Receipt Checklist

Work Order ID: HS23050576

Date/Time Received: 09-May-2023 12:21

Client Name: NWDLS

Received by: Malcolm Burleson

Completed By: /S/ Corey Grandits	09-May-2023 16:22	Reviewed by: /S/ Dane J. Wacasey	23-May-2023 18:12
eSignature	Date/Time	eSignature	Date/Time

Matrices: S Carrier name: Client

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- VOA/TX1005/TX1006 Solids in hermetically sealed vials? Yes  No  Not Present
- Chain of custody present? Yes  No  5 Page(s)
- Chain of custody signed when relinquished and received? Yes  No
- Samplers name present on COC? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container/Temp Blank temperature in compliance? Yes  No

Temperature(s)/Thermometer(s):	2.0UC/1.9C	IR31
Cooler(s)/Kit(s):	Purple	
Date/Time sample(s) sent to storage:	5/9/23	

- Water - VOA vials have zero headspace? Yes  No  No VOA vials submitted
- Water - pH acceptable upon receipt? Yes  No  N/A
- pH adjusted? Yes  No  N/A

pH adjusted by:

Login Notes: Container label missing collection date/times

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

**Sending Laboratory:**

North Water District Laboratory Services, Inc.  
 130 South Trade Center Parkway  
 Conroe, TX 77385  
 Phone: 936-321-6060  
 Fax: 936-321-6061

Project Manager: Monica O. Martin

**Subcontracted Laboratory:**

ALS Environmental - Subcontract  
 10450 Stancliff Rd., Ste. #210  
 Houston, TX 77099  
 Phone: (281) 530-5656  
 Fax:

**Work Order: 23A1459**

Analysis	Due	Expires	Comments
<b>Sample ID: 23A1459-16 Sediment Sampled: 01/16/2023 14:20</b>			
TOC-9060	03/06/2023	02/13/2023 14:20	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-17 Sediment Sampled: 01/17/2023 09:40</b>			
TOC-9060	03/06/2023	02/14/2023 09:40	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-18 Sediment Sampled: 01/17/2023 14:40</b>			
TOC-9060	03/06/2023	02/14/2023 14:40	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-20 Sediment Sampled: 01/16/2023 17:20</b>			
TOC-9060	03/06/2023	02/13/2023 17:20	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-21 Sediment Sampled: 01/17/2023 11:30</b>			
TOC-9060	03/06/2023	02/14/2023 11:30	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			


 North Water District Laboratory Services, Inc.  
 23A1459

**HS23050576**

**Work Order: 23A1459 (Continued)**

Analysis	Due	Expires	Comments
<b>Sample ID: 23A1459-22 Sediment Sampled: 01/17/2023 16:30</b>			
TOC-9060	03/06/2023	02/14/2023 16:30	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-24 Sediment Sampled: 01/19/2023 15:20</b>			
TOC-9060	03/06/2023	02/16/2023 15:20	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-25 Sediment Sampled: 01/20/2023 11:00</b>			
TOC-9060	03/06/2023	02/17/2023 11:00	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-27 Sediment Sampled: 01/19/2023 17:00</b>			
TOC-9060	03/06/2023	02/16/2023 17:00	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-28 Sediment Sampled: 01/20/2023 12:50</b>			
TOC-9060	03/06/2023	02/17/2023 12:50	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-30 Sediment Sampled: 01/18/2023 09:40</b>			
TOC-9060	03/06/2023	02/15/2023 09:40	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			

**HS23050576**

 North Water District Laboratory Services, Inc.  
 23A1459


**Work Order: 23A1459 (Continued)**

Analysis	Due	Expires	Comments
<b>Sample ID: 23A1459-31 Sediment Sampled: 01/18/2023 14:00</b>			
TOC-9060	03/06/2023	02/15/2023 14:00	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-32 Sediment Sampled: 01/19/2023 09:20</b>			
TOC-9060	03/06/2023	02/16/2023 09:20	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-34 Sediment Sampled: 01/18/2023 11:15</b>			
TOC-9060	03/06/2023	02/15/2023 11:15	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-35 Sediment Sampled: 01/18/2023 15:45</b>			
TOC-9060	03/06/2023	02/15/2023 15:45	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-36 Sediment Sampled: 01/19/2023 11:10</b>			
TOC-9060	03/06/2023	02/16/2023 11:10	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-38 Sediment Sampled: 01/17/2023 14:12</b>			
TOC-9060	03/06/2023	02/14/2023 14:12	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			

**HS23050576**

 North Water District Laboratory Services, Inc  
 23A1459


**Work Order: 23A1459 (Continued)**

Analysis	Due	Expires	Comments
<b>Sample ID: 23A1459-39 Sediment Sampled: 01/18/2023 09:25</b>			
TOC-9060	03/06/2023	02/15/2023 09:25	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-40 Sediment Sampled: 01/16/2023 16:37</b>			
TOC-9060	03/06/2023	02/13/2023 16:37	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-41 Sediment Sampled: 01/17/2023 09:20</b>			
TOC-9060	03/06/2023	02/14/2023 09:20	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-43 Sediment Sampled: 01/18/2023 14:10</b>			
TOC-9060	03/06/2023	02/15/2023 14:10	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-44 Sediment Sampled: 01/19/2023 08:15</b>			
TOC-9060	03/06/2023	02/16/2023 08:15	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-45 Sediment Sampled: 01/20/2023 09:15</b>			
TOC-9060	03/06/2023	02/17/2023 09:15	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			

**HS23050576**

 North Water District Laboratory Services, Inc.  
 23A1459


**Work Order: 23A1459 (Continued)**

Analysis	Due	Expires	Comments
<b>Sample ID: 23A1459-46 Sediment Sampled: 01/27/2023 14:05</b>			
TOC-9060	03/06/2023	02/24/2023 14:05	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-47 Sediment Sampled: 01/27/2023 09:20</b>			
TOC-9060	03/06/2023	02/24/2023 09:20	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-48 Sediment Sampled: 01/19/2023 14:00</b>			
TOC-9060	03/06/2023	02/16/2023 14:00	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-54 Sediment Sampled: 01/25/2023 08:00</b>			
TOC-9060	03/06/2023	02/22/2023 08:00	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-55 Sediment Sampled: 01/23/2023 16:00</b>			
TOC-9060	03/06/2023	02/20/2023 16:00	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-56 Sediment Sampled: 01/23/2023 13:05</b>			
TOC-9060	03/06/2023	02/20/2023 13:05	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			

**HS23050576**

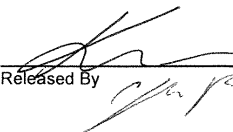
 North Water District Laboratory Services, Inc.  
 23A1459


**Work Order: 23A1459 (Continued)**

Analysis	Due	Expires	Comments
<b>Sample ID: 23A1459-58 Sediment Sampled: 01/21/2023 10:00</b>			
TOC-9060	03/06/2023	02/18/2023 10:00	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-59 Sediment Sampled: 01/21/2023 15:10</b>			
TOC-9060	03/06/2023	02/18/2023 15:10	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-60 Sediment Sampled: 01/21/2023 11:45</b>			
TOC-9060	03/06/2023	02/18/2023 11:45	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			
<b>Sample ID: 23A1459-66 Sediment Sampled: 01/27/2023 12:30</b>			
TOC-9060	03/06/2023	02/24/2023 12:30	
<i>Analyte(s):</i> Total Organic Carbon (TOC)			
<i>Containers Supplied:</i>			

**HS23050576**

 North Water District Laboratory Services, Inc.  
 23A1459


Released By 	Date <u>5/19/23</u>	Received By <u>LPS</u>	Date <u>5/19/23</u>
	03092023 1221	1R31 B. Purple 2.0mc - 0.12	

Release results to:

 NWDLs, Monica Martin: [Monica@nwdls.com](mailto:Monica@nwdls.com)

 Terracon, Gregg Pawlak: [Gregg.pawlak@terracon.com](mailto:Gregg.pawlak@terracon.com)





June 16, 2023

## LAB REPORT

Gregg Pawlak  
Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Report ID: 20230616110422MM

RE: PCCA CDP TISSUE CHEM

The following test results meet all NELAP requirements for analytes for which certification is available. Any deviations from our quality system will be noted in the case narrative. All analyses performed by North Water District Laboratory Services, Inc. unless noted.

For questions regarding this report, contact Monica Martin at 936-321-6060.

Sincerely,

Monica O. Martin  
Chief Administrative Officer

Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:04

## Work Order Case Narrative

A total of 36 samples were collected on:

<u>Laboratory ID</u>	<u>Sample Name</u>	<u>Sample Date</u>
23E2848-01	MM-CDP-06-1	04/01/2023 11:00
23E2848-02	MM-CDP-06-2	04/01/2023 11:00
23E2848-03	MM-CDP-06-3	04/01/2023 11:00
23E2848-04	MM-CDP-06-4	04/01/2023 11:00
23E2848-05	MM-CDP-06-5	04/01/2023 11:00
23E2848-06	MM-CDP-07-1	04/01/2023 11:00
23E2848-07	MM-CDP-07-2	04/01/2023 11:00
23E2848-08	MM-CDP-07-3	04/01/2023 11:00
23E2848-09	MM-CDP-07-4	04/01/2023 11:00
23E2848-10	MM-CDP-07-5	04/01/2023 11:00
23E2848-11	MM-REF-1	04/01/2023 11:00
23E2848-12	MM-REF-2	04/01/2023 11:00
23E2848-13	MM-REF-3	04/01/2023 11:00
23E2848-14	MM-REF-4	04/01/2023 11:00
23E2848-15	MM-REF-5	04/01/2023 11:00
23E2848-16	MM-CDP-PRETEST-1	04/01/2023 11:00
23E2848-17	MM-CDP-PRETEST-2	04/01/2023 11:00
23E2848-18	MM-CDP-PRETEST-3	04/01/2023 11:00
23E2848-19	NV-CDP-06-1	04/01/2023 13:00
23E2848-20	NV-CDP-06-2	04/01/2023 13:00
23E2848-21	NV-CDP-06-3	04/01/2023 13:00
23E2848-22	NV-CDP-06-4	04/01/2023 13:00
23E2848-23	NV-CDP-06-5	04/01/2023 13:00
23E2848-24	NV-CDP-07-1	04/01/2023 13:00
23E2848-25	NV-CDP-07-2	04/01/2023 13:00
23E2848-26	NV-CDP-07-3	04/01/2023 13:00
23E2848-27	NV-CDP-07-4	04/01/2023 13:00
23E2848-28	NV-CDP-07-5	04/01/2023 13:00
23E2848-29	NV-REF-1	04/01/2023 13:00
23E2848-30	NV-REF-2	04/01/2023 13:00
23E2848-31	NV-REF-3	04/01/2023 13:00
23E2848-32	NV-REF-4	04/01/2023 13:00
23E2848-33	NV-REF-5	04/01/2023 13:00
23E2848-34	NV-CDP-PRETEST-1	04/01/2023 13:00
23E2848-35	NV-CDP-PRETEST-2	04/01/2023 13:00
23E2848-36	NV-CDP-PRETEST-3	04/01/2023 13:00

Samples were received and accepted at NWDLS on 05/10/2023 15:00. Samples were held in freezer storage until digestion and/or extraction began for all tests, including subcontracted tests. Any receiving discrepancies are recorded and stored in NWDLS' database. The samples received a Work Order of 23E2848. The lab sample IDs, client sample IDs, and dates of collection can be found at the top of each result page.

NWDLS provided their lowest detection limit for all requested analyses. Note that detection and reporting limits are adjusted to account for sample specific parameters.

Any QC that did not meet the laboratory specified control limits was flagged and reported with qualifiers. For additional



Terracon\_Houston  
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information, please refer to the included quality control data pages.



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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### Sample Results

Client Sample ID: MM-CDP-06-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-01      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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#### Semivolatile Organic Compounds by GCMS

SW-8270	Phenol, Total	A	43.8V	ug/kg	1	4.71	4.71	BGE4170	06/05/2023 02:34	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		14.7% S	60-140					06/05/2023 02:34	
SW-8270	Surrogate: 2-Fluorophenol-surr		57.1% S	60-140					06/05/2023 02:34	
SW-8270	Surrogate: Phenol-d5-surr		64.6%	60-140					06/05/2023 02:34	

#### Metals, Total

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Arsenic	N	1.09	mg/kg	1	0.00246	0.0100	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Beryllium	N	0.00122J	mg/kg	1	0.000200	0.00400	BGE2506	06/08/2023 15:40	TBB
EPA 200.8	Cadmium	N	0.0406	mg/kg	1	0.000632	0.0200	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Chromium	N	0.0481V, J	mg/kg	1	0.00147	0.0600	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Copper	N	1.15V	mg/kg	1	0.00174	0.0200	BGE2506	06/02/2023 09:58	TBB
SW-7471B	Mercury	A	<0.00492U	mg/kg	1	0.00492	0.00984	BGE3654	06/07/2023 13:28	AKR
EPA 200.8	Lead	N	0.0265V	mg/kg	1	0.00151	0.0100	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Nickel	N	0.343V	mg/kg	1	0.000354	0.0200	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Selenium	N	0.151	mg/kg	1	0.0220	0.0400	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Thallium	N	0.000360J	mg/kg	1	0.000138	0.0100	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Zinc	N	11.2V	mg/kg	5	0.0376	0.200	BGE2506	06/08/2023 15:50	TBB

#### General Chemistry

SM 2540 G	% Solids	A	10.6V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-1	Sample Matrix: Tissue
Lab Sample ID: 23E2848-01RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0167	mg/kg	1	0.000141	0.00992	BGF0506	06/09/2023 13:24	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-02      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	49.7V	ug/kg	1	4.91	4.91	BGE4170	06/05/2023 02:00	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>39.0% S</i>	<i>60-140</i>					<i>06/05/2023 02:00</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>75.0%</i>	<i>60-140</i>					<i>06/05/2023 02:00</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>69.8%</i>	<i>60-140</i>					<i>06/05/2023 02:00</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.00160U	mg/kg	1	0.00160	0.0198	BGE2506	06/02/2023 10:13	TBB
EPA 200.8	Arsenic	N	1.01A	mg/kg	5	0.0122	0.0496	BGE2506	06/02/2023 10:23	TBB
EPA 200.8	Beryllium	N	0.00153J	mg/kg	1	0.000198	0.00397	BGE2506	06/08/2023 15:52	TBB
EPA 200.8	Cadmium	N	0.0427	mg/kg	1	0.000627	0.0198	BGE2506	06/02/2023 10:13	TBB
EPA 200.8	Chromium	N	0.0329A, V, J	mg/kg	5	0.00729	0.298	BGE2506	06/02/2023 10:23	TBB
EPA 200.8	Copper	N	1.16A, V	mg/kg	5	0.00863	0.0992	BGE2506	06/02/2023 10:23	TBB
SW-7471B	Mercury	A	<0.00496U	mg/kg	1	0.00496	0.00992	BGE3654	06/07/2023 13:32	AKR
EPA 200.8	Lead	N	0.0295V	mg/kg	1	0.00150	0.00992	BGE2506	06/02/2023 10:13	TBB
EPA 200.8	Nickel	N	0.365A, V	mg/kg	5	0.00176	0.0992	BGE2506	06/02/2023 10:23	TBB
EPA 200.8	Selenium	N	0.160A	mg/kg	1	0.0218	0.0397	BGE2506	06/02/2023 10:13	TBB
EPA 200.8	Thallium	N	0.000397J	mg/kg	1	0.000137	0.00992	BGE2506	06/02/2023 10:13	TBB
EPA 200.8	Zinc	N	11.8V	mg/kg	10	0.0745	0.397	BGE2506	06/08/2023 12:40	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.4V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-2	Sample Matrix: Tissue
Lab Sample ID: 23E2848-02RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0148	mg/kg	1	0.000139	0.00980	BGF0506	06/09/2023 13:31	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-03      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	3.46V	ug/kg	1	2.34	2.34	BGE4170	06/05/2023 03:09	KRB
SW-8270	Phenol, Total	A	49.4V	ug/kg	1	4.68	4.68	BGE4170	06/05/2023 03:09	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>16.3% S</i>	<i>60-140</i>					<i>06/05/2023 03:09</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>60.2%</i>	<i>60-140</i>					<i>06/05/2023 03:09</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>66.8%</i>	<i>60-140</i>					<i>06/05/2023 03:09</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.00160U	mg/kg	1	0.00160	0.0199	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Arsenic	N	1.00	mg/kg	1	0.00245	0.00996	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Beryllium	N	0.00165J	mg/kg	1	0.000199	0.00398	BGE2506	06/08/2023 15:57	TBB
EPA 200.8	Cadmium	N	0.0405	mg/kg	1	0.000629	0.0199	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Chromium	N	0.0341V, J	mg/kg	1	0.00146	0.0598	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Copper	N	1.01V	mg/kg	1	0.00173	0.0199	BGE2506	06/02/2023 10:25	TBB
SW-7471B	Mercury	A	<0.00465U	mg/kg	1	0.00465	0.00930	BGE3654	06/07/2023 13:35	AKR
EPA 200.8	Lead	N	0.0299V	mg/kg	1	0.00150	0.00996	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Nickel	N	0.359V	mg/kg	1	0.000353	0.0199	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Selenium	N	0.143	mg/kg	1	0.0219	0.0398	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Thallium	N	0.000558J	mg/kg	1	0.000137	0.00996	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Zinc	N	12.2V	mg/kg	10	0.0748	0.398	BGE2506	06/08/2023 12:43	TBB

**General Chemistry**

SM 2540 G	% Solids	A	9.19V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-3	Sample Matrix: Tissue
Lab Sample ID: 23E2848-03RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0119	mg/kg	1	0.000139	0.00977	BGF0506	06/09/2023 13:34	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-4  
Lab Sample ID: 23E2848-04  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	48.3V	ug/kg	1	4.50	4.50	BGE4170	06/05/2023 03:44	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		20.5% S	60-140					06/05/2023 03:44	
SW-8270	Surrogate: 2-Fluorophenol-surr		59.3% S	60-140					06/05/2023 03:44	
SW-8270	Surrogate: Phenol-d5-surr		62.9%	60-140					06/05/2023 03:44	

**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Arsenic	N	1.11	mg/kg	1	0.00246	0.0100	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Beryllium	N	0.00120J	mg/kg	5	0.00100	0.0200	BGE2506	06/08/2023 12:53	TBB
EPA 200.8	Cadmium	N	0.0353	mg/kg	1	0.000632	0.0200	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Chromium	N	0.0375V, J	mg/kg	1	0.00147	0.0600	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Copper	N	0.955V	mg/kg	1	0.00174	0.0200	BGE2506	06/02/2023 10:30	TBB
SW-7471B	Mercury	A	<0.00465U	mg/kg	1	0.00465	0.00930	BGE3654	06/07/2023 13:38	AKR
EPA 200.8	Lead	N	0.0334V	mg/kg	1	0.00151	0.0100	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Nickel	N	0.252V	mg/kg	1	0.000354	0.0200	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Selenium	N	0.143	mg/kg	1	0.0220	0.0400	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Thallium	N	0.000340J	mg/kg	1	0.000138	0.0100	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Zinc	N	9.96V	mg/kg	5	0.0376	0.200	BGE2506	06/08/2023 12:53	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.5V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-4	Sample Matrix: Tissue
Lab Sample ID: 23E2848-04RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0106	mg/kg	1	0.000139	0.00977	BGF0506	06/09/2023 13:36	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-05      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	68.5V	ug/kg	1	4.73	4.73	BGE4170	06/05/2023 04:18	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>7.95% S</i>	<i>60-140</i>					<i>06/05/2023 04:18</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>69.5%</i>	<i>60-140</i>					<i>06/05/2023 04:18</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>74.5%</i>	<i>60-140</i>					<i>06/05/2023 04:18</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.00160U	mg/kg	1	0.00160	0.0199	BGE2506	06/02/2023 10:35	TBB
EPA 200.8	Arsenic	N	0.996A	mg/kg	5	0.0123	0.0498	BGE2506	06/02/2023 10:38	TBB
EPA 200.8	Beryllium	N	0.00143J	mg/kg	1	0.000199	0.00398	BGE2506	06/08/2023 12:55	TBB
EPA 200.8	Cadmium	N	0.0454	mg/kg	1	0.000629	0.0199	BGE2506	06/02/2023 10:35	TBB
EPA 200.8	Chromium	N	0.0311A, V, J	mg/kg	5	0.00732	0.299	BGE2506	06/02/2023 10:38	TBB
EPA 200.8	Copper	N	1.17A, V	mg/kg	5	0.00867	0.0996	BGE2506	06/02/2023 10:38	TBB
SW-7471B	Mercury	A	<0.00484U	mg/kg	1	0.00484	0.00968	BGE3654	06/07/2023 13:41	AKR
EPA 200.8	Lead	N	0.0327V	mg/kg	1	0.00150	0.00996	BGE2506	06/02/2023 10:35	TBB
EPA 200.8	Nickel	N	0.333A, V	mg/kg	5	0.00176	0.0996	BGE2506	06/02/2023 10:38	TBB
EPA 200.8	Selenium	N	0.155A	mg/kg	1	0.0219	0.0398	BGE2506	06/02/2023 10:35	TBB
EPA 200.8	Thallium	N	0.000359J	mg/kg	1	0.000137	0.00996	BGE2506	06/02/2023 10:35	TBB
EPA 200.8	Zinc	N	11.7V	mg/kg	5	0.0374	0.199	BGE2506	06/08/2023 12:58	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.9V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-5	Sample Matrix: Tissue
Lab Sample ID: 23E2848-05RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0171	mg/kg	1	0.000140	0.00988	BGF0506	06/09/2023 13:39	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:04

**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-1  
Lab Sample ID: 23E2848-06  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	5.96V	ug/kg	1	2.41	2.41	BGE4170	06/05/2023 04:53	KRB
SW-8270	Di-n-butyl phthalate	A	6.11V	ug/kg	1	2.41	2.41	BGE4170	06/05/2023 04:53	KRB
SW-8270	Di-n-octyl phthalate	A	<2.41U	ug/kg	1	2.41	2.41	BGE4170	06/05/2023 04:53	KRB
SW-8270	Phenol, Total	A	74.2V	ug/kg	1	4.83	4.83	BGE4170	06/05/2023 04:53	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>16.3% S</i>	<i>60-140</i>					<i>06/05/2023 04:53</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>42.5% S</i>	<i>60-140</i>					<i>06/05/2023 04:53</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>72.1%</i>	<i>60-140</i>					<i>06/05/2023 04:53</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>84.3%</i>	<i>60-140</i>					<i>06/05/2023 04:53</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>78.2%</i>	<i>60-140</i>					<i>06/05/2023 04:53</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>43.0% S</i>	<i>60-140</i>					<i>06/05/2023 04:53</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.00162U	mg/kg	1	0.00162	0.0201	BGE2506	06/02/2023 10:40	TBB
EPA 200.8	Arsenic	N	1.24A	mg/kg	5	0.0123	0.0502	BGE2506	06/02/2023 10:42	TBB
EPA 200.8	Beryllium	N	0.00157J	mg/kg	1	0.000201	0.00402	BGE2506	06/08/2023 13:10	TBB
EPA 200.8	Cadmium	N	0.0526	mg/kg	1	0.000635	0.0201	BGE2506	06/02/2023 10:40	TBB
EPA 200.8	Chromium	N	0.0292A, V, J	mg/kg	5	0.00738	0.301	BGE2506	06/02/2023 10:42	TBB
EPA 200.8	Copper	N	1.35A, V	mg/kg	5	0.00873	0.100	BGE2506	06/02/2023 10:42	TBB
SW-7471B	Mercury	A	<0.00484U	mg/kg	1	0.00484	0.00968	BGE3654	06/07/2023 13:45	AKR
EPA 200.8	Lead	N	0.0492V	mg/kg	1	0.00152	0.0100	BGE2506	06/02/2023 10:40	TBB
EPA 200.8	Nickel	N	0.334A, V	mg/kg	5	0.00178	0.100	BGE2506	06/02/2023 10:42	TBB
EPA 200.8	Selenium	N	0.187A	mg/kg	1	0.0221	0.0402	BGE2506	06/02/2023 10:40	TBB
EPA 200.8	Thallium	N	0.000622J	mg/kg	1	0.000139	0.0100	BGE2506	06/02/2023 10:40	TBB
EPA 200.8	Zinc	N	12.4V	mg/kg	5	0.0377	0.201	BGE2506	06/08/2023 13:12	TBB

**General Chemistry**

SM 2540 G	% Solids	A	11.9V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-1	Sample Matrix: Tissue
Lab Sample ID: 23E2848-06RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0148	mg/kg	1	0.000140	0.00988	BGF0506	06/09/2023 15:19	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-2      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-07      Date Collected: 04/01/2023 11:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	10.0V	ug/kg	1	2.44	2.44	BGE4170	06/05/2023 05:28	KRB
SW-8270	Di-n-butyl phthalate	A	6.18V	ug/kg	1	2.44	2.44	BGE4170	06/05/2023 05:28	KRB
SW-8270	Di-n-octyl phthalate	A	<2.44U	ug/kg	1	2.44	2.44	BGE4170	06/05/2023 05:28	KRB
SW-8270	Phenol, Total	A	77.8V	ug/kg	1	4.88	4.88	BGE4170	06/05/2023 05:28	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>23.2% S</i>	<i>60-140</i>					<i>06/05/2023 05:28</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>47.5% S</i>	<i>60-140</i>					<i>06/05/2023 05:28</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>76.1%</i>	<i>60-140</i>					<i>06/05/2023 05:28</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>94.0%</i>	<i>60-140</i>					<i>06/05/2023 05:28</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>93.4%</i>	<i>60-140</i>					<i>06/05/2023 05:28</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>50.4% S</i>	<i>60-140</i>					<i>06/05/2023 05:28</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2506	06/02/2023 10:45	TBB
EPA 200.8	Arsenic	N	1.20A	mg/kg	5	0.0123	0.0500	BGE2506	06/02/2023 10:55	TBB
EPA 200.8	Beryllium	N	0.00166J	mg/kg	1	0.000200	0.00400	BGE2506	06/08/2023 13:15	TBB
EPA 200.8	Cadmium	N	0.0712	mg/kg	1	0.000632	0.0200	BGE2506	06/02/2023 10:45	TBB
EPA 200.8	Chromium	N	0.0428A, V, J	mg/kg	5	0.00735	0.300	BGE2506	06/02/2023 10:55	TBB
EPA 200.8	Copper	N	1.41A, V	mg/kg	5	0.00870	0.100	BGE2506	06/02/2023 10:55	TBB
SW-7471B	Mercury	A	<0.00500U	mg/kg	1	0.00500	0.0100	BGE3654	06/07/2023 13:55	AKR
EPA 200.8	Lead	N	0.0488V	mg/kg	1	0.00151	0.0100	BGE2506	06/02/2023 10:45	TBB
EPA 200.8	Nickel	N	0.393A, V	mg/kg	5	0.00177	0.100	BGE2506	06/02/2023 10:55	TBB
EPA 200.8	Selenium	N	0.197A	mg/kg	1	0.0220	0.0400	BGE2506	06/02/2023 10:45	TBB
EPA 200.8	Thallium	N	0.000500J	mg/kg	1	0.000138	0.0100	BGE2506	06/02/2023 10:45	TBB
EPA 200.8	Zinc	N	13.9V	mg/kg	5	0.0376	0.200	BGE2506	06/08/2023 13:17	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.3V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-2	Sample Matrix: Tissue
Lab Sample ID: 23E2848-07RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0184	mg/kg	1	0.000138	0.00969	BGF0506	06/09/2023 15:21	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-3      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-08      Date Collected: 04/01/2023 11:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	8.80V	ug/kg	1	2.18	2.18	BGE4170	06/05/2023 06:02	KRB
SW-8270	Di-n-butyl phthalate	A	6.23V	ug/kg	1	2.18	2.18	BGE4170	06/05/2023 06:02	KRB
SW-8270	Di-n-octyl phthalate	A	<2.18U	ug/kg	1	2.18	2.18	BGE4170	06/05/2023 06:02	KRB
SW-8270	Phenol, Total	A	67.9V	ug/kg	1	4.36	4.36	BGE4170	06/05/2023 06:02	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>20.0% S</i>	<i>60-140</i>					<i>06/05/2023 06:02</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>43.3% S</i>	<i>60-140</i>					<i>06/05/2023 06:02</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>75.7%</i>	<i>60-140</i>					<i>06/05/2023 06:02</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>76.9%</i>	<i>60-140</i>					<i>06/05/2023 06:02</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>84.9%</i>	<i>60-140</i>					<i>06/05/2023 06:02</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>49.4% S</i>	<i>60-140</i>					<i>06/05/2023 06:02</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2506	06/02/2023 15:42	TBB
EPA 200.8	Arsenic	N	1.23	mg/kg	1	0.00246	0.0100	BGE2506	06/02/2023 10:57	TBB
EPA 200.8	Beryllium	N	0.00154J	mg/kg	1	0.000200	0.00400	BGE2506	06/08/2023 13:22	TBB
EPA 200.8	Cadmium	N	0.0573	mg/kg	1	0.000632	0.0200	BGE2506	06/02/2023 10:57	TBB
EPA 200.8	Chromium	N	0.0239V, J	mg/kg	1	0.00147	0.0600	BGE2506	06/02/2023 10:57	TBB
EPA 200.8	Copper	N	1.18V	mg/kg	1	0.00174	0.0200	BGE2506	06/02/2023 10:57	TBB
SW-7471B	Mercury	A	<0.00469U	mg/kg	1	0.00469	0.00937	BGE3654	06/07/2023 13:58	AKR
EPA 200.8	Lead	N	0.0409V	mg/kg	1	0.00151	0.0100	BGE2506	06/02/2023 15:42	TBB
EPA 200.8	Nickel	N	0.359V	mg/kg	1	0.000354	0.0200	BGE2506	06/02/2023 10:57	TBB
EPA 200.8	Selenium	N	0.190	mg/kg	1	0.0220	0.0400	BGE2506	06/08/2023 13:22	TBB
EPA 200.8	Thallium	N	0.000440J	mg/kg	1	0.000138	0.0100	BGE2506	06/02/2023 10:57	TBB
EPA 200.8	Zinc	N	12.2V	mg/kg	5	0.0376	0.200	BGE2506	06/08/2023 13:25	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.9V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-3	Sample Matrix: Tissue
Lab Sample ID: 23E2848-08RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0144	mg/kg	1	0.000141	0.00992	BGF0506	06/09/2023 15:24	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-4      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-09      Date Collected: 04/01/2023 11:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	8.66V	ug/kg	1	2.30	2.30	BGE4170	06/05/2023 06:37	KRB
SW-8270	Di-n-butyl phthalate	A	5.56V	ug/kg	1	2.30	2.30	BGE4170	06/05/2023 06:37	KRB
SW-8270	Di-n-octyl phthalate	A	<2.30U	ug/kg	1	2.30	2.30	BGE4170	06/05/2023 06:37	KRB
SW-8270	Phenol, Total	A	88.8V	ug/kg	1	4.60	4.60	BGE4170	06/05/2023 06:37	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>12.1% S</i>	<i>60-140</i>					<i>06/05/2023 06:37</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>46.1% S</i>	<i>60-140</i>					<i>06/05/2023 06:37</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>70.3%</i>	<i>60-140</i>					<i>06/05/2023 06:37</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>76.8%</i>	<i>60-140</i>					<i>06/05/2023 06:37</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>76.3%</i>	<i>60-140</i>					<i>06/05/2023 06:37</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>45.2% S</i>	<i>60-140</i>					<i>06/05/2023 06:37</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.00160U	mg/kg	1	0.00160	0.0199	BGE2506	06/02/2023 15:47	TBB
EPA 200.8	Arsenic	N	0.971A	mg/kg	5	0.0123	0.0498	BGE2506	06/02/2023 11:05	TBB
EPA 200.8	Beryllium	N	0.00137J	mg/kg	1	0.000199	0.00398	BGE2506	06/08/2023 13:27	TBB
EPA 200.8	Cadmium	N	0.0563	mg/kg	1	0.000629	0.0199	BGE2506	06/02/2023 11:02	TBB
EPA 200.8	Chromium	N	0.0258A, V, J	mg/kg	5	0.00732	0.299	BGE2506	06/02/2023 11:05	TBB
EPA 200.8	Copper	N	1.26A, V	mg/kg	5	0.00867	0.0996	BGE2506	06/02/2023 11:05	TBB
SW-7471B	Mercury	A	<0.00484U	mg/kg	1	0.00484	0.00968	BGE3654	06/07/2023 14:01	AKR
EPA 200.8	Lead	N	0.0475V	mg/kg	1	0.00150	0.00996	BGE2506	06/02/2023 15:47	TBB
EPA 200.8	Nickel	N	0.336A, V	mg/kg	5	0.00176	0.0996	BGE2506	06/02/2023 11:05	TBB
EPA 200.8	Selenium	N	0.176	mg/kg	1	0.0219	0.0398	BGE2506	06/08/2023 13:27	TBB
EPA 200.8	Thallium	N	0.000438J	mg/kg	1	0.000137	0.00996	BGE2506	06/02/2023 11:02	TBB
EPA 200.8	Zinc	N	12.8V	mg/kg	5	0.0374	0.199	BGE2506	06/08/2023 13:30	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.7V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-4	Sample Matrix: Tissue
Lab Sample ID: 23E2848-09RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0151	mg/kg	1	0.000140	0.00984	BGF0506	06/09/2023 15:26	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-5      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-10      Date Collected: 04/01/2023 11:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	8.33V	ug/kg	1	2.39	2.39	BGE4170	06/05/2023 07:11	KRB
SW-8270	Di-n-butyl phthalate	A	5.42V	ug/kg	1	2.39	2.39	BGE4170	06/05/2023 07:11	KRB
SW-8270	Di-n-octyl phthalate	A	<2.39U	ug/kg	1	2.39	2.39	BGE4170	06/05/2023 07:11	KRB
SW-8270	Phenol, Total	A	80.9V	ug/kg	1	4.78	4.78	BGE4170	06/05/2023 07:11	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>12.0% S</i>	<i>60-140</i>					<i>06/05/2023 07:11</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>40.5% S</i>	<i>60-140</i>					<i>06/05/2023 07:11</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>73.8%</i>	<i>60-140</i>					<i>06/05/2023 07:11</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>82.1%</i>	<i>60-140</i>					<i>06/05/2023 07:11</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>73.5%</i>	<i>60-140</i>					<i>06/05/2023 07:11</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>31.3% S</i>	<i>60-140</i>					<i>06/05/2023 07:11</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.00160U	mg/kg	1	0.00160	0.0198	BGE2506	06/02/2023 15:52	TBB
EPA 200.8	Arsenic	N	1.18	mg/kg	1	0.00244	0.00992	BGE2506	06/15/2023 12:33	TBB
EPA 200.8	Beryllium	N	0.00113J	mg/kg	1	0.000198	0.00397	BGE2506	06/08/2023 13:42	TBB
EPA 200.8	Cadmium	N	0.0550	mg/kg	1	0.000627	0.0198	BGE2506	06/02/2023 11:07	TBB
EPA 200.8	Chromium	N	0.0362V, J	mg/kg	1	0.00146	0.0595	BGE2506	06/02/2023 15:52	TBB
EPA 200.8	Copper	N	1.31V	mg/kg	1	0.00173	0.0198	BGE2506	06/02/2023 15:52	TBB
SW-7471B	Mercury	A	<0.00500U	mg/kg	1	0.00500	0.0100	BGE3654	06/07/2023 14:05	AKR
EPA 200.8	Lead	N	0.0433V	mg/kg	1	0.00150	0.00992	BGE2506	06/02/2023 15:52	TBB
EPA 200.8	Nickel	N	0.337V	mg/kg	1	0.000351	0.0198	BGE2506	06/02/2023 15:52	TBB
EPA 200.8	Selenium	N	0.168	mg/kg	1	0.0218	0.0397	BGE2506	06/08/2023 13:42	TBB
EPA 200.8	Thallium	N	0.000357J	mg/kg	1	0.000137	0.00992	BGE2506	06/02/2023 11:07	TBB
EPA 200.8	Zinc	N	11.3V	mg/kg	5	0.0373	0.198	BGE2506	06/08/2023 13:44	TBB

**General Chemistry**

SM 2540 G	% Solids	A	9.80V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-5	Sample Matrix: Tissue
Lab Sample ID: 23E2848-10RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0133	mg/kg	1	0.000140	0.00984	BGF0506	06/09/2023 15:29	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-1      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-16      Date Collected: 04/01/2023 11:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	4.79V	ug/kg	1	2.43	2.43	BGE4145	06/01/2023 10:48	KRB
SW-8270	Phenol, Total	A	69.5V	ug/kg	1	4.85	4.85	BGE4145	06/01/2023 10:48	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>12.4% S</i>	<i>60-140</i>					<i>06/01/2023 10:48</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>55.4% S</i>	<i>60-140</i>					<i>06/01/2023 10:48</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>64.7%</i>	<i>60-140</i>					<i>06/01/2023 10:48</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>84.0%</i>	<i>60-140</i>					<i>06/01/2023 10:48</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>50.5% S</i>	<i>60-140</i>					<i>06/01/2023 10:48</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>49.1% S</i>	<i>60-140</i>					<i>06/01/2023 10:48</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.00162U	mg/kg	1	0.00162	0.0201	BGE2506	06/02/2023 16:46	TBB
EPA 200.8	Arsenic	N	1.04	mg/kg	1	0.00247	0.0100	BGE2506	06/02/2023 12:01	TBB
EPA 200.8	Beryllium	N	0.00124J	mg/kg	1	0.000201	0.00402	BGE2506	06/08/2023 14:48	TBB
EPA 200.8	Cadmium	N	0.0419	mg/kg	1	0.000635	0.0201	BGE2506	06/02/2023 12:01	TBB
EPA 200.8	Chromium	N	0.0424V, J	mg/kg	1	0.00148	0.0602	BGE2506	06/02/2023 12:01	TBB
EPA 200.8	Copper	N	1.03V	mg/kg	1	0.00175	0.0201	BGE2506	06/02/2023 12:01	TBB
SW-7471B	Mercury	A	<0.00476U	mg/kg	1	0.00476	0.00952	BGE3654	06/07/2023 14:35	AKR
EPA 200.8	Lead	N	0.0322V	mg/kg	1	0.00152	0.0100	BGE2506	06/02/2023 16:46	TBB
EPA 200.8	Nickel	N	0.384V	mg/kg	1	0.000355	0.0201	BGE2506	06/02/2023 12:01	TBB
EPA 200.8	Selenium	N	0.184	mg/kg	1	0.0221	0.0402	BGE2506	06/08/2023 14:48	TBB
EPA 200.8	Thallium	N	0.000221J	mg/kg	1	0.000139	0.0100	BGE2506	06/02/2023 12:01	TBB
EPA 200.8	Zinc	N	13.1V	mg/kg	5	0.0377	0.201	BGE2506	06/08/2023 14:51	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.8V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-16RE1      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	7.15V	ug/kg	1	2.43	2.43	BGE4145	06/05/2023 21:36	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<2.43U	ug/kg	1	2.43	2.43	BGE4145	06/05/2023 21:36	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		13.2% S	60-140					06/05/2023 21:36	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		59.6% S	60-140					06/05/2023 21:36	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		75.3%	60-140					06/05/2023 21:36	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		99.9%	60-140					06/05/2023 21:36	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		87.3%	60-140					06/05/2023 21:36	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		73.7%	60-140					06/05/2023 21:36	

**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0158	mg/kg	1	0.000142	0.0100	BGF0506	06/09/2023 15:55	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-17      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	4.66V	ug/kg	1	2.49	2.49	BGE4145	06/01/2023 11:23	KRB
SW-8270	Phenol, Total	A	77.1V	ug/kg	1	4.98	4.98	BGE4145	06/01/2023 11:23	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>14.2% S</i>	<i>60-140</i>					<i>06/01/2023 11:23</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>54.8% S</i>	<i>60-140</i>					<i>06/01/2023 11:23</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>61.1%</i>	<i>60-140</i>					<i>06/01/2023 11:23</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>85.5%</i>	<i>60-140</i>					<i>06/01/2023 11:23</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>50.4% S</i>	<i>60-140</i>					<i>06/01/2023 11:23</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>43.6% S</i>	<i>60-140</i>					<i>06/01/2023 11:23</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.00160U	mg/kg	1	0.00160	0.0198	BGE2506	06/02/2023 16:51	TBB
EPA 200.8	Arsenic	N	1.22	mg/kg	1	0.00244	0.00992	BGE2506	06/02/2023 12:06	TBB
EPA 200.8	Beryllium	N	0.00181J	mg/kg	1	0.000198	0.00397	BGE2506	06/08/2023 14:53	TBB
EPA 200.8	Cadmium	N	0.0429	mg/kg	1	0.000627	0.0198	BGE2506	06/02/2023 12:06	TBB
EPA 200.8	Chromium	N	0.0682V	mg/kg	1	0.00146	0.0595	BGE2506	06/02/2023 12:06	TBB
EPA 200.8	Copper	N	1.40V	mg/kg	1	0.00173	0.0198	BGE2506	06/02/2023 12:06	TBB
SW-7471B	Mercury	A	<0.00469U	mg/kg	1	0.00469	0.00937	BGE3654	06/07/2023 14:38	AKR
EPA 200.8	Lead	N	0.0486V	mg/kg	1	0.00150	0.00992	BGE2506	06/02/2023 16:51	TBB
EPA 200.8	Nickel	N	0.387V	mg/kg	1	0.000351	0.0198	BGE2506	06/02/2023 12:06	TBB
EPA 200.8	Selenium	N	0.202	mg/kg	1	0.0218	0.0397	BGE2506	06/08/2023 14:53	TBB
EPA 200.8	Thallium	N	0.000337J	mg/kg	1	0.000137	0.00992	BGE2506	06/02/2023 12:06	TBB
EPA 200.8	Zinc	N	13.2V	mg/kg	5	0.0373	0.198	BGE2506	06/08/2023 14:56	TBB

**General Chemistry**

SM 2540 G	% Solids	A	12.4V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-17RE1      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	12.0V	ug/kg	1	2.49	2.49	BGE4145	06/05/2023 22:45	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<2.49U	ug/kg	1	2.49	2.49	BGE4145	06/05/2023 22:45	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		15.7% S	60-140					06/05/2023 22:45	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		62.6%	60-140					06/05/2023 22:45	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		68.5%	60-140					06/05/2023 22:45	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		99.5%	60-140					06/05/2023 22:45	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		78.0%	60-140					06/05/2023 22:45	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		80.1%	60-140					06/05/2023 22:45	

**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0174	mg/kg	1	0.000141	0.00992	BGF0506	06/09/2023 15:58	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-18      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	3.82V	ug/kg	1	2.31	2.31	BGE4145	06/01/2023 11:57	KRB
SW-8270	Phenol, Total	A	63.7V	ug/kg	1	4.61	4.61	BGE4145	06/01/2023 11:57	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>27.0% S</i>	<i>60-140</i>					<i>06/01/2023 11:57</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>68.1%</i>	<i>60-140</i>					<i>06/01/2023 11:57</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>73.9%</i>	<i>60-140</i>					<i>06/01/2023 11:57</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>87.8%</i>	<i>60-140</i>					<i>06/01/2023 11:57</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>57.9% S</i>	<i>60-140</i>					<i>06/01/2023 11:57</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>42.6% S</i>	<i>60-140</i>					<i>06/01/2023 11:57</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2506	06/02/2023 16:56	TBB
EPA 200.8	Arsenic	N	1.28	mg/kg	1	0.00246	0.0100	BGE2506	06/02/2023 12:11	TBB
EPA 200.8	Beryllium	N	0.00134J	mg/kg	1	0.000200	0.00400	BGE2506	06/08/2023 14:58	TBB
EPA 200.8	Cadmium	N	0.0475	mg/kg	1	0.000632	0.0200	BGE2506	06/02/2023 12:11	TBB
EPA 200.8	Chromium	N	0.0321V, J	mg/kg	1	0.00147	0.0600	BGE2506	06/02/2023 12:11	TBB
EPA 200.8	Copper	N	1.43V	mg/kg	1	0.00174	0.0200	BGE2506	06/02/2023 12:11	TBB
SW-7471B	Mercury	A	<0.00496U	mg/kg	1	0.00496	0.00992	BGE3654	06/07/2023 14:41	AKR
EPA 200.8	Lead	N	0.0535V	mg/kg	1	0.00151	0.0100	BGE2506	06/02/2023 16:56	TBB
EPA 200.8	Nickel	N	0.359V	mg/kg	1	0.000354	0.0200	BGE2506	06/02/2023 12:11	TBB
EPA 200.8	Selenium	N	0.224	mg/kg	1	0.0220	0.0400	BGE2506	06/08/2023 14:58	TBB
EPA 200.8	Thallium	N	0.000400J	mg/kg	1	0.000138	0.0100	BGE2506	06/02/2023 12:11	TBB
EPA 200.8	Zinc	N	14.1V	mg/kg	5	0.0376	0.200	BGE2506	06/08/2023 15:01	TBB

**General Chemistry**

SM 2540 G	% Solids	A	11.4V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-3	Sample Matrix: Tissue
Lab Sample ID: 23E2848-18RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	7.45V	ug/kg	1	2.31	2.31	BGE4145	06/05/2023 23:19	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<2.31U	ug/kg	1	2.31	2.31	BGE4145	06/05/2023 23:19	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr (Rerun)</i>		<i>27.7% S</i>	<i>60-140</i>					<i>06/05/2023 23:19</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr (Rerun)</i>		<i>76.6%</i>	<i>60-140</i>					<i>06/05/2023 23:19</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr (Rerun)</i>		<i>88.1%</i>	<i>60-140</i>					<i>06/05/2023 23:19</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr (Rerun)</i>		<i>109%</i>	<i>60-140</i>					<i>06/05/2023 23:19</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr (Rerun)</i>		<i>93.3%</i>	<i>60-140</i>					<i>06/05/2023 23:19</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr (Rerun)</i>		<i>82.2%</i>	<i>60-140</i>					<i>06/05/2023 23:19</i>	

**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0198	mg/kg	1	0.000139	0.00980	BGF0506	06/09/2023 16:00	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-19      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	66.4V	ug/kg	1	4.77	4.77	BGE4170	06/05/2023 07:46	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		3.06% S	60-140					06/05/2023 07:46	
SW-8270	Surrogate: 2-Fluorophenol-surr		48.4% S	60-140					06/05/2023 07:46	
SW-8270	Surrogate: Phenol-d5-surr		60.2%	60-140					06/05/2023 07:46	

**Metals, Total**

EPA 200.8	Antimony	N	0.00199J	mg/kg	1	0.00162	0.0201	BGE2506	06/02/2023 17:01	TBB
EPA 200.8	Arsenic	N	2.00	mg/kg	5	0.0123	0.0502	BGE2506	06/02/2023 12:18	TBB
EPA 200.8	Beryllium	N	0.000341J	mg/kg	1	0.000201	0.00402	BGE2506	06/08/2023 15:03	TBB
EPA 200.8	Cadmium	N	0.0287	mg/kg	1	0.000635	0.0201	BGE2506	06/02/2023 12:16	TBB
EPA 200.8	Chromium	N	0.0704V	mg/kg	1	0.00148	0.0602	BGE2506	06/02/2023 12:16	TBB
EPA 200.8	Copper	N	1.04V	mg/kg	1	0.00175	0.0201	BGE2506	06/02/2023 12:16	TBB
SW-7471B	Mercury	A	0.00540J	mg/kg	1	0.00476	0.00952	BGE3654	06/07/2023 14:45	AKR
EPA 200.8	Lead	N	0.0717V	mg/kg	1	0.00152	0.0100	BGE2506	06/02/2023 17:01	TBB
EPA 200.8	Nickel	N	0.150V	mg/kg	1	0.000355	0.0201	BGE2506	06/02/2023 12:16	TBB
EPA 200.8	Selenium	N	0.305	mg/kg	1	0.0221	0.0402	BGE2506	06/08/2023 15:03	TBB
EPA 200.8	Thallium	N	0.000221J	mg/kg	1	0.000139	0.0100	BGE2506	06/02/2023 12:16	TBB
EPA 200.8	Zinc	N	8.46V	mg/kg	5	0.0377	0.201	BGE2506	06/08/2023 15:06	TBB

**General Chemistry**

SM 2540 G	% Solids	A	13.6V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 06/16/2023 11:04

**Sample Results**  
 (Continued)

Client Sample ID: NV-CDP-06-1  
 Lab Sample ID: 23E2848-19RE1  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 13:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0145	mg/kg	1	0.000138	0.00969	BGF0506	06/09/2023 16:03	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-20      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	53.0V	ug/kg	1	4.94	4.94	BGE4170	06/05/2023 08:21	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		4.28% S	60-140					06/05/2023 08:21	
SW-8270	Surrogate: 2-Fluorophenol-surr		58.4% S	60-140					06/05/2023 08:21	
SW-8270	Surrogate: Phenol-d5-surr		64.0%	60-140					06/05/2023 08:21	

**Metals, Total**

EPA 200.8	Antimony	N	0.00238J	mg/kg	1	0.00161	0.0200	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Arsenic	N	2.06	mg/kg	5	0.0123	0.0500	BGE2507	06/06/2023 15:41	TBB
EPA 200.8	Beryllium	N	0.000920J	mg/kg	1	0.000200	0.00400	BGE2507	06/07/2023 12:11	TBB
EPA 200.8	Cadmium	N	0.0301	mg/kg	1	0.000632	0.0200	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Chromium	N	0.116V	mg/kg	1	0.00147	0.0600	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Copper	N	1.20V	mg/kg	1	0.00174	0.0200	BGE2507	06/06/2023 15:39	TBB
SW-7471B	Mercury	A	<0.00492U	mg/kg	1	0.00492	0.00984	BGE3654	06/07/2023 14:48	AKR
EPA 200.8	Lead	N	0.0943	mg/kg	1	0.00151	0.0100	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Nickel	N	0.172V	mg/kg	1	0.000354	0.0200	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Selenium	N	0.300	mg/kg	1	0.0220	0.0400	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Thallium	N	0.000340J	mg/kg	1	0.000138	0.0100	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Zinc	N	50.4	mg/kg	20	0.150	0.800	BGE2507	06/08/2023 15:08	TBB

**General Chemistry**

SM 2540 G	% Solids	A	14.0V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-2	Sample Matrix: Tissue
Lab Sample ID: 23E2848-20RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0211	mg/kg	1	0.000139	0.00977	BGF0507	06/09/2023 16:27	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-3      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-21      Date Collected: 04/01/2023 13:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	63.3V	ug/kg	1	4.70	4.70	BGE4170	06/05/2023 08:55	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>35.0% S</i>	<i>60-140</i>					<i>06/05/2023 08:55</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>73.4%</i>	<i>60-140</i>					<i>06/05/2023 08:55</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>79.3%</i>	<i>60-140</i>					<i>06/05/2023 08:55</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.00201J	mg/kg	1	0.00162	0.0201	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Arsenic	N	1.76	mg/kg	1	0.00247	0.0100	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Beryllium	N	0.000984J	mg/kg	1	0.000201	0.00402	BGE2507	06/07/2023 12:26	TBB
EPA 200.8	Cadmium	N	0.0226	mg/kg	1	0.000635	0.0201	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Chromium	N	0.116V	mg/kg	1	0.00148	0.0602	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Copper	N	1.17V	mg/kg	1	0.00175	0.0201	BGE2507	06/06/2023 15:53	TBB
SW-7471B	Mercury	A	<0.00476U	mg/kg	1	0.00476	0.00952	BGE3655	06/08/2023 15:28	AKR
EPA 200.8	Lead	N	0.0798	mg/kg	1	0.00152	0.0100	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Nickel	N	0.159V	mg/kg	1	0.000355	0.0201	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Selenium	N	0.237	mg/kg	1	0.0221	0.0402	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Thallium	N	0.000341J	mg/kg	1	0.000139	0.0100	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Zinc	N	7.00	mg/kg	1	0.00754	0.0402	BGE2507	06/06/2023 15:53	TBB

**General Chemistry**

SM 2540 G	% Solids	A	12.2V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-3	Sample Matrix: Tissue
Lab Sample ID: 23E2848-21RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0133	mg/kg	1	0.000140	0.00984	BGF0507	06/09/2023 16:12	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-22      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	67.1V	ug/kg	1	4.69	4.69	BGE4170	06/05/2023 09:30	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>4.37% S</i>	<i>60-140</i>					<i>06/05/2023 09:30</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>51.2% S</i>	<i>60-140</i>					<i>06/05/2023 09:30</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>59.2% S</i>	<i>60-140</i>					<i>06/05/2023 09:30</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.00218J	mg/kg	1	0.00161	0.0200	BGE2507	06/07/2023 12:39	TBB
EPA 200.8	Arsenic	N	1.87	mg/kg	5	0.0123	0.0500	BGE2507	06/07/2023 12:41	TBB
EPA 200.8	Beryllium	N	0.000980J	mg/kg	1	0.000200	0.00400	BGE2507	06/07/2023 12:39	TBB
EPA 200.8	Cadmium	N	0.0284	mg/kg	1	0.000632	0.0200	BGE2507	06/07/2023 12:39	TBB
EPA 200.8	Chromium	N	0.105A, V, J	mg/kg	5	0.00735	0.300	BGE2507	06/07/2023 12:41	TBB
EPA 200.8	Copper	N	1.09V	mg/kg	5	0.00870	0.100	BGE2507	06/07/2023 12:41	TBB
SW-7471B	Mercury	A	<0.00492U	mg/kg	1	0.00492	0.00984	BGE3655	06/08/2023 15:18	AKR
EPA 200.8	Lead	N	0.0804	mg/kg	1	0.00151	0.0100	BGE2507	06/07/2023 12:39	TBB
EPA 200.8	Nickel	N	0.152V	mg/kg	5	0.00177	0.100	BGE2507	06/07/2023 12:41	TBB
EPA 200.8	Selenium	N	0.227	mg/kg	5	0.110	0.200	BGE2507	06/07/2023 12:41	TBB
EPA 200.8	Thallium	N	0.000360J	mg/kg	1	0.000138	0.0100	BGE2507	06/07/2023 12:39	TBB
EPA 200.8	Zinc	N	7.82	mg/kg	5	0.0376	0.200	BGE2507	06/07/2023 12:41	TBB

**General Chemistry**

SM 2540 G	% Solids	A	13.1V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-4	Sample Matrix: Tissue
Lab Sample ID: 23E2848-22RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0144	mg/kg	1	0.000141	0.00996	BGF0507	06/09/2023 16:29	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:04

**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-5  
Lab Sample ID: 23E2848-23  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	53.0V	ug/kg	1	4.94	4.94	BGE4170	06/05/2023 10:39	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		8.98% S	60-140					06/05/2023 10:39	
SW-8270	Surrogate: 2-Fluorophenol-surr		74.3%	60-140					06/05/2023 10:39	
SW-8270	Surrogate: Phenol-d5-surr		84.6%	60-140					06/05/2023 10:39	

**Metals, Total**

EPA 200.8	Antimony	N	0.00240J	mg/kg	1	0.00160	0.0198	BGE2507	06/07/2023 12:44	TBB
EPA 200.8	Arsenic	N	1.93	mg/kg	10	0.0244	0.0992	BGE2507	06/07/2023 12:46	TBB
EPA 200.8	Beryllium	N	0.00157J	mg/kg	1	0.000198	0.00397	BGE2507	06/07/2023 12:44	TBB
EPA 200.8	Cadmium	N	0.0234	mg/kg	1	0.000627	0.0198	BGE2507	06/07/2023 12:44	TBB
EPA 200.8	Chromium	N	0.107A, V, J	mg/kg	10	0.0146	0.595	BGE2507	06/07/2023 12:46	TBB
EPA 200.8	Copper	N	1.03V	mg/kg	10	0.0173	0.198	BGE2507	06/07/2023 12:46	TBB
SW-7471B	Mercury	A	<0.00476U	mg/kg	1	0.00476	0.00952	BGE3655	06/08/2023 15:55	AKR
EPA 200.8	Lead	N	0.0862	mg/kg	1	0.00150	0.00992	BGE2507	06/07/2023 12:44	TBB
EPA 200.8	Nickel	N	0.189A, V, J	mg/kg	10	0.00351	0.198	BGE2507	06/07/2023 12:46	TBB
EPA 200.8	Selenium	N	0.230A, J	mg/kg	10	0.218	0.397	BGE2507	06/07/2023 12:46	TBB
EPA 200.8	Thallium	N	0.000317J	mg/kg	1	0.000137	0.00992	BGE2507	06/07/2023 12:44	TBB
EPA 200.8	Zinc	N	33.0	mg/kg	10	0.0745	0.397	BGE2507	06/07/2023 12:46	TBB

**General Chemistry**

SM 2540 G	% Solids	A	13.8V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-5	Sample Matrix: Tissue
Lab Sample ID: 23E2848-23RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0129	mg/kg	1	0.000142	0.0100	BGF0507	06/09/2023 16:31	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:04

**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-1  
Lab Sample ID: 23E2848-24  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	3.90V	ug/kg	1	2.33	2.33	BGE4170	06/05/2023 11:13	KRB
SW-8270	Di-n-butyl phthalate	A	4.14V	ug/kg	1	2.33	2.33	BGE4170	06/05/2023 11:13	KRB
SW-8270	Di-n-octyl phthalate	A	<2.33U	ug/kg	1	2.33	2.33	BGE4170	06/05/2023 11:13	KRB
SW-8270	Phenol, Total	A	86.3V	ug/kg	1	4.66	4.66	BGE4170	06/05/2023 11:13	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>2.01% S</i>	<i>60-140</i>					<i>06/05/2023 11:13</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>31.6% S</i>	<i>60-140</i>					<i>06/05/2023 11:13</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>51.4% S</i>	<i>60-140</i>					<i>06/05/2023 11:13</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>66.1%</i>	<i>60-140</i>					<i>06/05/2023 11:13</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>67.4%</i>	<i>60-140</i>					<i>06/05/2023 11:13</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>25.5% S</i>	<i>60-140</i>					<i>06/05/2023 11:13</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.00309J	mg/kg	1	0.00160	0.0199	BGE2507	06/07/2023 12:49	TBB
EPA 200.8	Arsenic	N	2.25	mg/kg	5	0.0123	0.0498	BGE2507	06/08/2023 15:20	TBB
EPA 200.8	Beryllium	N	0.000857J	mg/kg	1	0.000199	0.00398	BGE2507	06/07/2023 12:49	TBB
EPA 200.8	Cadmium	N	0.0302	mg/kg	1	0.000629	0.0199	BGE2507	06/07/2023 12:49	TBB
EPA 200.8	Chromium	N	0.191V	mg/kg	1	0.00146	0.0598	BGE2507	06/08/2023 15:18	TBB
EPA 200.8	Copper	N	2.77V	mg/kg	1	0.00173	0.0199	BGE2507	06/08/2023 15:18	TBB
SW-7471B	Mercury	A	<0.00488U	mg/kg	1	0.00488	0.00976	BGE3655	06/08/2023 15:31	AKR
EPA 200.8	Lead	N	0.139	mg/kg	1	0.00150	0.00996	BGE2507	06/07/2023 12:49	TBB
EPA 200.8	Nickel	N	0.179V	mg/kg	1	0.000353	0.0199	BGE2507	06/08/2023 15:18	TBB
EPA 200.8	Selenium	N	0.320	mg/kg	1	0.0219	0.0398	BGE2507	06/08/2023 15:18	TBB
EPA 200.8	Thallium	N	0.000359J	mg/kg	1	0.000137	0.00996	BGE2507	06/07/2023 12:49	TBB
EPA 200.8	Zinc	N	9.56	mg/kg	5	0.0374	0.199	BGE2507	06/08/2023 15:20	TBB

**General Chemistry**

SM 2540 G	% Solids	A	14.0V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-1	Sample Matrix: Tissue
Lab Sample ID: 23E2848-24RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0117	mg/kg	1	0.000141	0.00992	BGF0507	06/09/2023 16:34	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-2      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-25      Date Collected: 04/01/2023 13:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	6.55V	ug/kg	1	2.36	2.36	BGE4170	06/05/2023 11:48	KRB
SW-8270	Di-n-butyl phthalate	A	7.05V	ug/kg	1	2.36	2.36	BGE4170	06/05/2023 11:48	KRB
SW-8270	Di-n-octyl phthalate	A	<2.36U	ug/kg	1	2.36	2.36	BGE4170	06/05/2023 11:48	KRB
SW-8270	Phenol, Total	A	83.9V	ug/kg	1	4.72	4.72	BGE4170	06/05/2023 11:48	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>2.05% S</i>	<i>60-140</i>					<i>06/05/2023 11:48</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>26.4% S</i>	<i>60-140</i>					<i>06/05/2023 11:48</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>53.7% S</i>	<i>60-140</i>					<i>06/05/2023 11:48</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>61.1%</i>	<i>60-140</i>					<i>06/05/2023 11:48</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>67.3%</i>	<i>60-140</i>					<i>06/05/2023 11:48</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>21.7% S</i>	<i>60-140</i>					<i>06/05/2023 11:48</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.00320J	mg/kg	1	0.00161	0.0200	BGE2507	06/07/2023 12:54	TBB
EPA 200.8	Arsenic	N	2.12	mg/kg	10	0.0246	0.100	BGE2507	06/07/2023 12:59	TBB
EPA 200.8	Beryllium	N	0.000520J	mg/kg	1	0.000200	0.00400	BGE2507	06/07/2023 12:54	TBB
EPA 200.8	Cadmium	N	0.0292	mg/kg	1	0.000632	0.0200	BGE2507	06/07/2023 12:54	TBB
EPA 200.8	Chromium	N	0.168A, V, J	mg/kg	10	0.0147	0.600	BGE2507	06/07/2023 12:59	TBB
EPA 200.8	Copper	N	3.16V	mg/kg	10	0.0174	0.200	BGE2507	06/07/2023 12:59	TBB
SW-7471B	Mercury	A	<0.00496U	mg/kg	1	0.00496	0.00992	BGE3655	06/08/2023 15:35	AKR
EPA 200.8	Lead	N	0.141	mg/kg	1	0.00151	0.0100	BGE2507	06/07/2023 12:54	TBB
EPA 200.8	Nickel	N	0.181A, V, J	mg/kg	10	0.00354	0.200	BGE2507	06/07/2023 12:59	TBB
EPA 200.8	Selenium	N	0.268A, J	mg/kg	10	0.220	0.400	BGE2507	06/07/2023 12:59	TBB
EPA 200.8	Thallium	N	0.000280J	mg/kg	1	0.000138	0.0100	BGE2507	06/07/2023 12:54	TBB
EPA 200.8	Zinc	N	18.8	mg/kg	10	0.0751	0.400	BGE2507	06/07/2023 12:59	TBB

**General Chemistry**

SM 2540 G	% Solids	A	13.8V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-2	Sample Matrix: Tissue
Lab Sample ID: 23E2848-25RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0152	mg/kg	1	0.000141	0.00996	BGF0507	06/09/2023 16:36	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-3      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-26      Date Collected: 04/01/2023 13:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	4.43V	ug/kg	1	2.45	2.45	BGE4170	06/05/2023 12:23	KRB
SW-8270	Di-n-butyl phthalate	A	3.58V	ug/kg	1	2.45	2.45	BGE4170	06/05/2023 12:23	KRB
SW-8270	Di-n-octyl phthalate	A	<2.45U	ug/kg	1	2.45	2.45	BGE4170	06/05/2023 12:23	KRB
SW-8270	Phenol, Total	A	52.9V	ug/kg	1	4.89	4.89	BGE4170	06/05/2023 12:23	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>6.27% S</i>	<i>60-140</i>					<i>06/05/2023 12:23</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>28.5% S</i>	<i>60-140</i>					<i>06/05/2023 12:23</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>62.2%</i>	<i>60-140</i>					<i>06/05/2023 12:23</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>73.3%</i>	<i>60-140</i>					<i>06/05/2023 12:23</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>65.3%</i>	<i>60-140</i>					<i>06/05/2023 12:23</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>22.8% S</i>	<i>60-140</i>					<i>06/05/2023 12:23</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.00378J	mg/kg	1	0.00161	0.0200	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Arsenic	N	2.22	mg/kg	10	0.0246	0.100	BGE2507	06/07/2023 13:14	TBB
EPA 200.8	Beryllium	N	0.000980J	mg/kg	1	0.000200	0.00400	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Cadmium	N	0.0297	mg/kg	1	0.000632	0.0200	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Chromium	N	0.317V	mg/kg	1	0.00147	0.0600	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Copper	N	3.44V	mg/kg	1	0.00174	0.0200	BGE2507	06/07/2023 13:09	TBB
SW-7471B	Mercury	A	<0.00496U	mg/kg	1	0.00496	0.00992	BGE3655	06/08/2023 15:38	AKR
EPA 200.8	Lead	N	0.154	mg/kg	1	0.00151	0.0100	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Nickel	N	0.190V	mg/kg	1	0.000354	0.0200	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Selenium	N	0.316	mg/kg	1	0.0220	0.0400	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Thallium	N	0.000360J	mg/kg	1	0.000138	0.0100	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Zinc	N	10.0	mg/kg	10	0.0751	0.400	BGE2507	06/07/2023 13:14	TBB

**General Chemistry**

SM 2540 G	% Solids	A	14.0V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-3	Sample Matrix: Tissue
Lab Sample ID: 23E2848-26RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0157	mg/kg	1	0.000140	0.00984	BGF0507	06/09/2023 16:39	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-4      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-27      Date Collected: 04/01/2023 13:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	<2.47U, B	ug/kg	1	2.47	2.47	BGE4170	06/05/2023 12:57	KRB
SW-8270	Di-n-butyl phthalate	A	9.02V	ug/kg	1	2.47	2.47	BGE4170	06/05/2023 12:57	KRB
SW-8270	Di-n-octyl phthalate	A	<2.47U	ug/kg	1	2.47	2.47	BGE4170	06/05/2023 12:57	KRB
SW-8270	Phenol, Total	A	71.1V	ug/kg	1	4.93	4.93	BGE4170	06/05/2023 12:57	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>37.1% S</i>	<i>60-140</i>					<i>06/05/2023 12:57</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>42.5% S</i>	<i>60-140</i>					<i>06/05/2023 12:57</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>81.8%</i>	<i>60-140</i>					<i>06/05/2023 12:57</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>86.8%</i>	<i>60-140</i>					<i>06/05/2023 12:57</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>77.4%</i>	<i>60-140</i>					<i>06/05/2023 12:57</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>23.4% S</i>	<i>60-140</i>					<i>06/05/2023 12:57</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.00306J	mg/kg	1	0.00161	0.0200	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Arsenic	N	2.11	mg/kg	10	0.0246	0.100	BGE2507	06/07/2023 13:21	TBB
EPA 200.8	Beryllium	N	0.000620J	mg/kg	1	0.000200	0.00400	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Cadmium	N	0.0283	mg/kg	1	0.000632	0.0200	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Chromium	N	0.222V	mg/kg	1	0.00147	0.0600	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Copper	N	2.89V	mg/kg	1	0.00174	0.0200	BGE2507	06/07/2023 13:16	TBB
SW-7471B	Mercury	A	<0.00480U	mg/kg	1	0.00480	0.00960	BGE3655	06/08/2023 15:41	AKR
EPA 200.8	Lead	N	0.135	mg/kg	1	0.00151	0.0100	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Nickel	N	0.169V	mg/kg	1	0.000354	0.0200	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Selenium	N	0.315	mg/kg	1	0.0220	0.0400	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Thallium	N	0.000280J	mg/kg	1	0.000138	0.0100	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Zinc	N	9.31	mg/kg	10	0.0751	0.400	BGE2507	06/07/2023 13:21	TBB

**General Chemistry**

SM 2540 G	% Solids	A	14.6V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-4	Sample Matrix: Tissue
Lab Sample ID: 23E2848-27RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0143	mg/kg	1	0.000140	0.00988	BGF0507	06/09/2023 16:41	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:04

**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-5  
Lab Sample ID: 23E2848-28  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	4.54V	ug/kg	1	2.35	2.35	BGE4170	06/05/2023 13:32	KRB
SW-8270	Di-n-butyl phthalate	A	4.07V	ug/kg	1	2.35	2.35	BGE4170	06/05/2023 13:32	KRB
SW-8270	Di-n-octyl phthalate	A	<2.35U	ug/kg	1	2.35	2.35	BGE4170	06/05/2023 13:32	KRB
SW-8270	Phenol, Total	A	74.2V	ug/kg	1	4.71	4.71	BGE4170	06/05/2023 13:32	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>1.60% S</i>	<i>60-140</i>					<i>06/05/2023 13:32</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>13.6% S</i>	<i>60-140</i>					<i>06/05/2023 13:32</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>43.3% S</i>	<i>60-140</i>					<i>06/05/2023 13:32</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>51.2% S</i>	<i>60-140</i>					<i>06/05/2023 13:32</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>54.5% S</i>	<i>60-140</i>					<i>06/05/2023 13:32</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>13.2% S</i>	<i>60-140</i>					<i>06/05/2023 13:32</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.00227J	mg/kg	1	0.00162	0.0201	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Arsenic	N	2.09	mg/kg	10	0.0247	0.100	BGE2507	06/07/2023 13:29	TBB
EPA 200.8	Beryllium	N	0.000442J	mg/kg	1	0.000201	0.00402	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Cadmium	N	0.0250	mg/kg	1	0.000635	0.0201	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Chromium	N	0.0967V	mg/kg	1	0.00148	0.0602	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Copper	N	1.87V	mg/kg	1	0.00175	0.0201	BGE2507	06/07/2023 13:24	TBB
SW-7471B	Mercury	A	<0.00500U	mg/kg	1	0.00500	0.0100	BGE3655	06/08/2023 15:45	AKR
EPA 200.8	Lead	N	0.0921	mg/kg	1	0.00152	0.0100	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Nickel	N	0.138V	mg/kg	1	0.000355	0.0201	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Selenium	N	0.328	mg/kg	1	0.0221	0.0402	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Thallium	N	0.000261J	mg/kg	1	0.000139	0.0100	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Zinc	N	34.0	mg/kg	10	0.0754	0.402	BGE2507	06/07/2023 13:29	TBB

**General Chemistry**

SM 2540 G	% Solids	A	14.2V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-5	Sample Matrix: Tissue
Lab Sample ID: 23E2848-28RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0126	mg/kg	1	0.000143	0.0100	BGF0507	06/09/2023 16:44	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-34      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	21.6V	ug/kg	1	2.44	2.44	BGE4145	06/01/2023 15:59	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>23.8% S</i>	<i>60-140</i>					<i>06/01/2023 15:59</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>65.0%</i>	<i>60-140</i>					<i>06/01/2023 15:59</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>90.5%</i>	<i>60-140</i>					<i>06/01/2023 15:59</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>96.6%</i>	<i>60-140</i>					<i>06/01/2023 15:59</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>132%</i>	<i>60-140</i>					<i>06/01/2023 15:59</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>10.5% S</i>	<i>60-140</i>					<i>06/01/2023 15:59</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.00247J	mg/kg	1	0.00162	0.0201	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Arsenic	N	2.13	mg/kg	10	0.0247	0.100	BGE2507	06/07/2023 14:50	TBB
EPA 200.8	Beryllium	N	0.000602J	mg/kg	1	0.000201	0.00402	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Cadmium	N	0.0247	mg/kg	1	0.000635	0.0201	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Chromium	N	0.0885V	mg/kg	1	0.00148	0.0602	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Copper	N	1.90V	mg/kg	1	0.00175	0.0201	BGE2507	06/07/2023 14:45	TBB
SW-7471B	Mercury	A	<0.00465U	mg/kg	1	0.00465	0.00930	BGE3655	06/08/2023 16:21	AKR
EPA 200.8	Lead	N	0.0677	mg/kg	1	0.00152	0.0100	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Nickel	N	0.181V	mg/kg	1	0.000355	0.0201	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Selenium	N	0.371	mg/kg	1	0.0221	0.0402	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Thallium	N	0.000301J	mg/kg	1	0.000139	0.0100	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Zinc	N	45.5	mg/kg	10	0.0754	0.402	BGE2507	06/07/2023 14:50	TBB

**General Chemistry**

SM 2540 G	% Solids	A	12.7V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-34RE1      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	<4.87U, B	ug/kg	2	4.87	4.87	BGE4145	06/10/2023 04:42	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<4.87U	ug/kg	2	4.87	4.87	BGE4145	06/10/2023 04:42	KRB
SW-8270	Phenol, Total (Rerun)	A	78.1V	ug/kg	2	9.75	9.75	BGE4145	06/10/2023 04:42	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		28.9% S	60-140					06/10/2023 04:42	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		68.5%	60-140					06/10/2023 04:42	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		79.6%	60-140					06/10/2023 04:42	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		111%	60-140					06/10/2023 04:42	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		94.8%	60-140					06/10/2023 04:42	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		11.9% S	60-140					06/10/2023 04:42	

**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0235	mg/kg	1	0.000141	0.00996	BGF0507	06/09/2023 17:10	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-35      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	13.6V	ug/kg	1	2.49	2.49	BGE4145	06/01/2023 16:33	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>16.1% S</i>	<i>60-140</i>					<i>06/01/2023 16:33</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>58.8% S</i>	<i>60-140</i>					<i>06/01/2023 16:33</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>70.2%</i>	<i>60-140</i>					<i>06/01/2023 16:33</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>90.1%</i>	<i>60-140</i>					<i>06/01/2023 16:33</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>112%</i>	<i>60-140</i>					<i>06/01/2023 16:33</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>8.78% S</i>	<i>60-140</i>					<i>06/01/2023 16:33</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.00272J	mg/kg	1	0.00161	0.0200	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Arsenic	N	1.86	mg/kg	5	0.0123	0.0500	BGE2507	06/07/2023 14:55	TBB
EPA 200.8	Beryllium	N	0.00176J	mg/kg	1	0.000200	0.00400	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Cadmium	N	0.0211	mg/kg	1	0.000632	0.0200	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Chromium	N	0.158V	mg/kg	1	0.00147	0.0600	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Copper	N	1.48V	mg/kg	1	0.00174	0.0200	BGE2507	06/07/2023 14:53	TBB
SW-7471B	Mercury	A	<0.00476U	mg/kg	1	0.00476	0.00952	BGE3655	06/08/2023 16:25	AKR
EPA 200.8	Lead	N	0.0970	mg/kg	1	0.00151	0.0100	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Nickel	N	0.201V	mg/kg	1	0.000354	0.0200	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Selenium	N	0.295	mg/kg	1	0.0220	0.0400	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Thallium	N	0.000540J	mg/kg	1	0.000138	0.0100	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Zinc	N	19.7	mg/kg	5	0.0376	0.200	BGE2507	06/07/2023 14:55	TBB

**General Chemistry**

SM 2540 G	% Solids	A	13.2V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-35RE1      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
<b>Semivolatile Organic Compounds by GCMS</b>										
SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	<4.98U, B	ug/kg	2	4.98	4.98	BGE4145	06/10/2023 05:17	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<4.98U	ug/kg	2	4.98	4.98	BGE4145	06/10/2023 05:17	KRB
SW-8270	Phenol, Total (Rerun)	A	109V	ug/kg	2	9.96	9.96	BGE4145	06/10/2023 05:17	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		20.0% S	60-140					06/10/2023 05:17	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		74.5%	60-140					06/10/2023 05:17	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		52.5% S	60-140					06/10/2023 05:17	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		106%	60-140					06/10/2023 05:17	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		91.1%	60-140					06/10/2023 05:17	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		11.7% S	60-140					06/10/2023 05:17	
<b>Metals, Total</b>										
EPA 200.8	Silver (Rerun)	N	0.0252	mg/kg	1	0.000140	0.00984	BGF0507	06/09/2023 17:13	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-36      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	3.46V	ug/kg	1	2.41	2.41	BGE4145	06/01/2023 17:08	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>7.23% S</i>	<i>60-140</i>					<i>06/01/2023 17:08</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>50.6% S</i>	<i>60-140</i>					<i>06/01/2023 17:08</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>83.7%</i>	<i>60-140</i>					<i>06/01/2023 17:08</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>102%</i>	<i>60-140</i>					<i>06/01/2023 17:08</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>125%</i>	<i>60-140</i>					<i>06/01/2023 17:08</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>26.0% S</i>	<i>60-140</i>					<i>06/01/2023 17:08</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.00276J	mg/kg	1	0.00160	0.0198	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Arsenic	N	2.25	mg/kg	5	0.0122	0.0496	BGE2507	06/07/2023 15:03	TBB
EPA 200.8	Beryllium	N	0.00161J	mg/kg	1	0.000198	0.00397	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Cadmium	N	0.0264	mg/kg	1	0.000627	0.0198	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Chromium	N	0.139V	mg/kg	1	0.00146	0.0595	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Copper	N	1.57V	mg/kg	1	0.00173	0.0198	BGE2507	06/07/2023 15:00	TBB
SW-7471B	Mercury	A	<0.00480U	mg/kg	1	0.00480	0.00960	BGE3655	06/08/2023 16:35	AKR
EPA 200.8	Lead	N	0.113	mg/kg	1	0.00150	0.00992	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Nickel	N	0.184V	mg/kg	1	0.000351	0.0198	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Selenium	N	0.355	mg/kg	1	0.0218	0.0397	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Thallium	N	0.000556J	mg/kg	1	0.000137	0.00992	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Zinc	N	16.5	mg/kg	5	0.0373	0.198	BGE2507	06/07/2023 15:03	TBB

**General Chemistry**

SM 2540 G	% Solids	A	13.9V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-36RE1      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	45.6V	ug/kg	2	4.83	4.83	BGE4145	06/10/2023 05:52	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<4.83U	ug/kg	2	4.83	4.83	BGE4145	06/10/2023 05:52	KRB
SW-8270	Phenol, Total (Rerun)	A	89.6V	ug/kg	2	9.65	9.65	BGE4145	06/10/2023 05:52	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		11.0% S	60-140					06/10/2023 05:52	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		60.6%	60-140					06/10/2023 05:52	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		57.7% S	60-140					06/10/2023 05:52	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		94.2%	60-140					06/10/2023 05:52	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		71.1%	60-140					06/10/2023 05:52	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		37.9% S	60-140					06/10/2023 05:52	

**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0200	mg/kg	1	0.000140	0.00988	BGF0507	06/09/2023 17:15	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:04

### Quality Control

#### Semivolatile Organic Compounds by GCMS

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE4145 - SW-3570</b>										
<b>MB SV BT (BGE4145-BLK1)</b>										
Prepared: 5/25/2023 Analyzed: 6/1/2023										
Di-n-butyl phthalate	3.59		2.36	ug/kg						
Surrogate: 2-Fluorobiphenyl-surr			55.7	ug/kg	75.6		73.6	60-140		
Surrogate: Nitrobenzene-d5-surr			62.4	ug/kg	75.6		82.5	60-140		
Surrogate: p-Terphenyl-d14-surr			49.2	ug/kg	75.6		65.1	60-140		
<b>Blank (BGE4145-BLK2)</b>										
Prepared: 5/25/2023 Analyzed: 6/5/2023										
Bis(2-ethylhexyl )phthalate	8.93		2.36	ug/kg						
Surrogate: 2-Fluorobiphenyl-surr			59.4	ug/kg	75.6		78.5	60-140		
Surrogate: Nitrobenzene-d5-surr			78.2	ug/kg	75.6		103	60-140		
Surrogate: p-Terphenyl-d14-surr			53.3	ug/kg	75.6		70.5	60-140		
<b>BS SV BT/IDOC1 (BGE4145-BS1)</b>										
Prepared: 5/25/2023 Analyzed: 6/1/2023										
Di-n-butyl phthalate	51.4		2.48	ug/kg	79.2		64.9	60-140		
Surrogate: 2-Fluorobiphenyl-surr			52.0	ug/kg	79.2		65.7	60-140		
Surrogate: Nitrobenzene-d5-surr			54.9	ug/kg	79.2		69.3	60-140		
Surrogate: p-Terphenyl-d14-surr	S		31.2	ug/kg	79.2		39.4	60-140		
<b>BS SV BT/IDOC1 (BGE4145-BS2)</b>										
Prepared: 5/25/2023 Analyzed: 6/5/2023										
Bis(2-ethylhexyl )phthalate	84.0		2.48	ug/kg	79.2		106	60-140		
Surrogate: 2-Fluorobiphenyl-surr	S		46.3	ug/kg	79.2		58.5	60-140		
Surrogate: Nitrobenzene-d5-surr			68.3	ug/kg	79.2		86.2	60-140		
Surrogate: p-Terphenyl-d14-surr			49.1	ug/kg	79.2		62.0	60-140		
<b>BSD SV BT/IDOC2 (BGE4145-BSD1)</b>										
Prepared: 5/25/2023 Analyzed: 6/1/2023										
Di-n-butyl phthalate	51.0		2.43	ug/kg	77.8		65.6	60-140	0.651	40
Surrogate: 2-Fluorobiphenyl-surr			47.7	ug/kg	77.8		61.3	60-140		
Surrogate: Nitrobenzene-d5-surr			48.6	ug/kg	77.8		62.4	60-140		
Surrogate: p-Terphenyl-d14-surr	S		32.9	ug/kg	77.8		42.2	60-140		

Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:04

**Quality Control**  
(Continued)

**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE4145 - SW-3570 (Continued)</b>										
<b>BSD SV BT/IDOC2 (BGE4145-BSD2)</b>										
					Prepared: 5/25/2023 Analyzed: 6/5/2023					
Bis(2-ethylhexyl )phthalate	89.4		2.43	ug/kg	77.8		115	60-140	6.16	40
Surrogate: 2-Fluorobiphenyl-surr		S	43.7	ug/kg	77.8		56.2	60-140		
Surrogate: Nitrobenzene-d5-surr			67.7	ug/kg	77.8		87.0	60-140		
Surrogate: p-Terphenyl-d14-surr			51.6	ug/kg	77.8		66.3	60-140		
<b>MDL SV BT (BGE4145-MRL1)</b>										
					Prepared: 5/25/2023 Analyzed: 6/1/2023					
Di-n-butyl phthalate	4.81		2.42	ug/kg	7.74		62.2	50-150		
Surrogate: 2-Fluorobiphenyl-surr			48.4	ug/kg	77.4		62.6	60-140		
Surrogate: Nitrobenzene-d5-surr			60.8	ug/kg	77.4		78.6	60-140		
Surrogate: p-Terphenyl-d14-surr		S	34.9	ug/kg	77.4		45.0	60-140		
<b>MRL Check (BGE4145-MRL2)</b>										
					Prepared: 5/25/2023 Analyzed: 6/5/2023					
Bis(2-ethylhexyl )phthalate	13.8	J1	2.42	ug/kg	7.74		178	50-150		
Surrogate: 2-Fluorobiphenyl-surr			50.3	ug/kg	77.4		65.0	60-140		
Surrogate: Nitrobenzene-d5-surr			68.3	ug/kg	77.4		88.3	60-140		
Surrogate: p-Terphenyl-d14-surr		S	43.7	ug/kg	77.4		56.5	60-140		
<b>23E2848-11 MS (BGE4145-MS1)</b>										
					Prepared: 5/25/2023 Analyzed: 6/1/2023					
Di-n-butyl phthalate	41.7	J1	2.24	ug/kg	71.8	6.50	49.0	60-140		
Surrogate: 2-Fluorobiphenyl-surr		S	34.4	ug/kg	71.8		47.9	60-140		
Surrogate: Nitrobenzene-d5-surr			55.7	ug/kg	71.8		77.5	60-140		
Surrogate: p-Terphenyl-d14-surr		S	23.0	ug/kg	71.8		32.0	60-140		
<b>Matrix Spike (BGE4145-MS2)</b>										
					Prepared: 5/25/2023 Analyzed: 6/5/2023					
Bis(2-ethylhexyl )phthalate	58.8		2.24	ug/kg	71.8	6.14	73.3	60-140		
Surrogate: 2-Fluorobiphenyl-surr		S	35.6	ug/kg	71.8		49.6	60-140		
Surrogate: Nitrobenzene-d5-surr			73.3	ug/kg	71.8		102	60-140		
Surrogate: p-Terphenyl-d14-surr			47.7	ug/kg	71.8		66.4	60-140		

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**Quality Control**  
(Continued)

**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE4145 - SW-3570 (Continued)**

**23E2848-11 MSD (BGE4145-MSD1)**

Source: **23E2848-11**

Prepared: 5/25/2023 Analyzed: 6/1/2023

Di-n-butyl phthalate	45.7	J1	2.36	ug/kg	75.6	6.50	51.8	60-140	9.14	40
Surrogate: 2-Fluorobiphenyl-surr		S	32.9	ug/kg	75.6		43.5	60-140		
Surrogate: Nitrobenzene-d5-surr			59.0	ug/kg	75.6		78.0	60-140		
Surrogate: p-Terphenyl-d14-surr		S	23.4	ug/kg	75.6		30.9	60-140		

**Matrix Spike Dup (BGE4145-MSD2)**

Source: **23E2848-11RE1**

Prepared: 5/25/2023 Analyzed: 6/5/2023

Bis(2-ethylhexyl )phthalate	67.1		2.36	ug/kg	75.6	6.14	80.6	60-140	13.2	40
Surrogate: 2-Fluorobiphenyl-surr		S	34.5	ug/kg	75.6		45.6	60-140		
Surrogate: Nitrobenzene-d5-surr			70.6	ug/kg	75.6		93.4	60-140		
Surrogate: p-Terphenyl-d14-surr			52.5	ug/kg	75.6		69.4	60-140		

**Batch: BGE4170 - SW-3570**

**MB SV BT (BGE4170-BLK1)**

Prepared: 5/25/2023 Analyzed: 6/4/2023

Bis(2-ethylhexyl )phthalate	5.46		2.45	ug/kg						
Di-n-butyl phthalate	6.13		2.45	ug/kg						
Surrogate: 2-Fluorobiphenyl-surr			54.3	ug/kg	78.4		69.3	60-140		
Surrogate: Nitrobenzene-d5-surr			50.8	ug/kg	78.4		64.7	60-140		
Surrogate: p-Terphenyl-d14-surr			62.8	ug/kg	78.4		80.1	60-140		

**BS SV BT (BGE4170-BS1)**

Prepared: 5/25/2023 Analyzed: 6/4/2023

Bis(2-ethylhexyl )phthalate	39.1	J1	2.38	ug/kg	76.0		51.4	60-140		
Di-n-butyl phthalate	41.7	J1	2.38	ug/kg	76.0		54.9	60-140		
Surrogate: 2-Fluorobiphenyl-surr		S	35.6	ug/kg	76.0		46.8	60-140		
Surrogate: Nitrobenzene-d5-surr		S	42.2	ug/kg	76.0		55.5	60-140		
Surrogate: p-Terphenyl-d14-surr		S	30.6	ug/kg	76.0		40.2	60-140		

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**Quality Control**  
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**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE4170 - SW-3570 (Continued)**

**BSD SV BT (BGE4170-bsd1)**

Prepared: 5/25/2023 Analyzed: 6/5/2023

Bis(2-ethylhexyl )phthalate	40.9	J1	2.47	ug/kg	79.1		51.7	60-140	4.43	40
Di-n-butyl phthalate	40.6	J1	2.47	ug/kg	79.1		51.3	60-140	2.79	40
<hr/>										
Surrogate: 2-Fluorobiphenyl-surr		S	43.7	ug/kg	79.1		55.3	60-140		
Surrogate: Nitrobenzene-d5-surr		S	46.1	ug/kg	79.1		58.3	60-140		
Surrogate: p-Terphenyl-d14-surr		S	36.7	ug/kg	79.1		46.5	60-140		

**MDL SV BT (BGE4170-MRL1)**

Prepared: 5/25/2023 Analyzed: 6/4/2023

Bis(2-ethylhexyl )phthalate	13.1	J1	2.35	ug/kg	7.50		174	50-150		
Di-n-butyl phthalate	7.76		2.35	ug/kg	7.50		103	50-150		
<hr/>										
Surrogate: 2-Fluorobiphenyl-surr			45.8	ug/kg	75.0		61.0	60-140		
Surrogate: Nitrobenzene-d5-surr			51.0	ug/kg	75.0		67.9	60-140		
Surrogate: p-Terphenyl-d14-surr		S	43.9	ug/kg	75.0		58.5	60-140		

**23E284802 MS (BGE4170-MS1)**

Source: 23E2848-02

Prepared: 5/25/2023 Analyzed: 6/5/2023

Bis(2-ethylhexyl )phthalate	28.6	J1	2.45	ug/kg	78.4	<2.45	36.4	60-140		
Di-n-butyl phthalate	54.6	J1	2.45	ug/kg	78.4	8.70	58.5	60-140		
<hr/>										
Surrogate: 2-Fluorobiphenyl-surr		S	40.2	ug/kg	78.4		51.3	60-140		
Surrogate: Nitrobenzene-d5-surr			48.3	ug/kg	78.4		61.6	60-140		
Surrogate: p-Terphenyl-d14-surr		S	33.0	ug/kg	78.4		42.1	60-140		

**23E284802 MSD (BGE4170-MSD1)**

Source: 23E2848-02

Prepared: 5/25/2023 Analyzed: 6/5/2023

Bis(2-ethylhexyl )phthalate	36.9	J1	2.44	ug/kg	78.0	<2.44	47.3	60-140	25.4	40
Di-n-butyl phthalate	68.9		2.44	ug/kg	78.0	8.70	77.2	60-140	23.2	40
<hr/>										
Surrogate: 2-Fluorobiphenyl-surr		S	43.9	ug/kg	78.0		56.3	60-140		
Surrogate: Nitrobenzene-d5-surr			49.5	ug/kg	78.0		63.4	60-140		
Surrogate: p-Terphenyl-d14-surr		S	37.2	ug/kg	78.0		47.7	60-140		



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**Quality Control**  
(Continued)

**Metals, Total**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2506 - EPA 200.3**

**Blank (BGE2506-BLK1)**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	<0.0996	U	0.0996	mg/kg						
Arsenic	<0.0498	U	0.0498	mg/kg						
Cadmium	<0.0996	U	0.0996	mg/kg						
Chromium	0.0342	J	0.299	mg/kg						
Copper	0.0292	J	0.0996	mg/kg						
Lead	0.0103	J	0.0498	mg/kg						
Nickel	0.0150	J	0.0996	mg/kg						
Selenium	<0.199	U	0.199	mg/kg						
Thallium	<0.0498	U	0.0498	mg/kg						

**Blank (BGE2506-BLK3)**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Zinc	1.34		0.199	mg/kg						
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**Blank (BGE2506-BLK4)**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	<0.0199	U	0.0199	mg/kg						
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**LCS (BGE2506-BS1)**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	9.72		0.0956	mg/kg	9.56		102	85-115		
Arsenic	4.85		0.0478	mg/kg	4.78		102	85-115		
Cadmium	9.43		0.0956	mg/kg	9.56		98.6	85-115		
Chromium	28.1		0.287	mg/kg	28.7		97.9	85-115		
Copper	9.45		0.0956	mg/kg	9.56		98.9	85-115		
Lead	4.94		0.0478	mg/kg	4.78		103	85-115		
Nickel	9.31		0.0956	mg/kg	9.56		97.4	85-115		
Thallium	4.83		0.0478	mg/kg	4.78		101	85-115		

**LCS (BGE2506-BS3)**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Zinc	20.5		0.191	mg/kg	19.1		107	85-115		
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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2506 - EPA 200.3 (Continued)**

**LCS (BGE2506-BS4)**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	2.10		0.0191	mg/kg	1.91		110	85-115		
Selenium	20.7		0.191	mg/kg	19.1		108	85-115		

**Duplicate (BGE2506-DUP1)**

**Source: 23E2848-01**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	<0.0199	U	0.0199	mg/kg		<0.0199				20
Arsenic	1.04		0.00996	mg/kg		1.09			5.51	20
Cadmium	0.0397		0.0199	mg/kg		0.0406			2.24	20
Chromium	0.0534	J	0.0598	mg/kg		0.0481			10.5	20
Copper	1.16		0.0199	mg/kg		1.15			0.865	20
Lead	0.0255		0.00996	mg/kg		0.0265			4.16	20
Nickel	0.342		0.0199	mg/kg		0.343			0.201	20
Selenium	0.148		0.0398	mg/kg		0.151			2.17	20
Thallium	0.000398	J	0.00996	mg/kg		0.000360			10.1	20

**Duplicate (BGE2506-DUP2)**

**Source: 23E2848-11**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Cadmium	0.0432		0.0200	mg/kg		0.0450			4.13	20
Thallium	0.000320	J	0.0100	mg/kg		0.000340			6.06	20

**Duplicate (BGE2506-DUP4)**

**Source: 23E2848-11**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	<0.0200	U	0.0200	mg/kg		<0.0200				20
Arsenic	1.18		0.0100	mg/kg		1.24			5.39	20
Chromium	0.0367	J	0.0600	mg/kg		0.0415			12.4	20
Copper	1.32		0.0200	mg/kg		1.42			7.35	20
Lead	0.0415		0.0100	mg/kg		0.0463			10.9	20
Nickel	0.316		0.0200	mg/kg		0.341			7.69	20

**Duplicate (BGE2506-DUP5)**

**Source: 23E2848-01**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Zinc	12.2		0.398	mg/kg		11.2			7.98	20
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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2506 - EPA 200.3 (Continued)**

**Duplicate (BGE2506-DUP6)**

Source: 23E2848-11

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	0.00126	J	0.00400	mg/kg		0.00120			4.88	20
Selenium	0.169		0.0400	mg/kg		0.181			6.94	20

**Duplicate (BGE2506-DUP7)**

Source: 23E2848-01

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	0.00147	J	0.00398	mg/kg		0.00122			18.9	20
Zinc	11.4		0.199	mg/kg		11.2			1.82	20

**MDL Check (BGE2506-MRL1)**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	0.0506	J	0.102	mg/kg	0.0509			99.4		
Arsenic	0.00163	J	0.0509	mg/kg	0.00509			32.0		
Cadmium	0.00570	J	0.102	mg/kg	0.00509			112		
Chromium	0.0303	J	0.305	mg/kg	0.0153			199		
Copper	0.0360	J	0.102	mg/kg	0.0102			354		
Lead	0.00611	J	0.0509	mg/kg	0.00509			120		
Nickel	0.0162	J	0.102	mg/kg	0.00509			318		
Selenium	0.116	J	0.204	mg/kg	0.102			114		
Thallium	0.00295	J	0.0509	mg/kg	0.00255			116		

**MDL Check (BGE2506-MRL3)**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Zinc	0.184	J	0.204	mg/kg	0.102			180		
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**MDL Check (BGE2506-MRL4)**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	0.00132	J	0.0204	mg/kg	0.00102			130		
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**Matrix Spike (BGE2506-MS1)**

Source: 23E2848-01

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	1.93		0.0200	mg/kg	2.00	<0.0200		96.6	75-125	
Arsenic	1.94		0.0500	mg/kg	1.00	1.09		84.6	75-125	
Cadmium	1.97		0.0200	mg/kg	2.00	0.0406		96.2	75-125	
Chromium	5.93		0.0600	mg/kg	6.00	0.0481		98.0	75-125	
Copper	2.98		0.0200	mg/kg	2.00	1.15		91.6	75-125	
Lead	1.01		0.0100	mg/kg	1.00	0.0265		98.8	75-125	
Nickel	2.23		0.0200	mg/kg	2.00	0.343		94.4	75-125	
Thallium	0.932		0.0100	mg/kg	1.00	0.000360		93.2	75-125	

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2506 - EPA 200.3 (Continued)**

**Matrix Spike (BGE2506-MS2)**

**Source: 23E2848-11**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Cadmium	1.87		0.0201	mg/kg	2.01	0.0450	91.1	75-125		
Thallium	0.866		0.0100	mg/kg	1.00	0.000340	86.2	75-125		

**Matrix Spike (BGE2506-MS4)**

**Source: 23E2848-11**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	1.91		0.0201	mg/kg	2.01	<0.0201	95.3	75-125		
Arsenic	1.93	J1	0.0502	mg/kg	1.00	1.24	68.3	75-125		
Chromium	5.71		0.0602	mg/kg	6.02	0.0415	94.0	75-125		
Copper	3.06		0.0201	mg/kg	2.01	1.42	81.6	75-125		
Lead	0.947		0.0100	mg/kg	1.00	0.0463	89.7	75-125		
Nickel	2.14		0.0201	mg/kg	2.01	0.341	89.3	75-125		

**Matrix Spike (BGE2506-MS5)**

**Source: 23E2848-01**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	0.431		0.00400	mg/kg	0.400	0.00122	107	75-125		
Selenium	5.38	J1	0.0400	mg/kg	4.00	0.151	131	75-125		
Zinc	16.6	J1	0.200	mg/kg	4.00	11.2	133	75-125		

**Matrix Spike (BGE2506-MS6)**

**Source: 23E2848-11**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	0.406		0.00402	mg/kg	0.402	0.00120	101	75-125		
Selenium	5.39	J1	0.0402	mg/kg	4.02	0.181	130	75-125		
Zinc	15.2		0.201	mg/kg	4.02	11.5	92.2	75-125		

**Batch: BGE2507 - EPA 200.3**

**Blank (BGE2507-BLK1)**

Prepared: 5/16/2023 Analyzed: 6/6/2023

Antimony	<0.101	U	0.101	mg/kg						
Arsenic	<0.0503	U	0.0503	mg/kg						
Cadmium	<0.101	U	0.101	mg/kg						
Chromium	0.0140	J	0.302	mg/kg						
Copper	0.0256	J	0.101	mg/kg						
Lead	<0.0503	U	0.0503	mg/kg						
Nickel	0.00573	J	0.101	mg/kg						
Selenium	<0.201	U	0.201	mg/kg						
Thallium	<0.0503	U	0.0503	mg/kg						
Zinc	<0.201	U	0.201	mg/kg						

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2507 - EPA 200.3 (Continued)**

**Blank (BGE2507-BLK2)**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Beryllium <0.0201 U 0.0201 mg/kg

**LCS (BGE2507-BS1)**

Prepared: 5/16/2023 Analyzed: 6/6/2023

Antimony	10.2		0.0952	mg/kg	9.52		107	85-115		
Arsenic	4.87		0.0476	mg/kg	4.76		102	85-115		
Cadmium	9.47		0.0952	mg/kg	9.52		99.4	85-115		
Chromium	28.1		0.286	mg/kg	28.6		98.4	85-115		
Copper	10.1		0.0952	mg/kg	9.52		106	85-115		
Lead	4.77		0.0476	mg/kg	4.76		100	85-115		
Nickel	9.33		0.0952	mg/kg	9.52		97.9	85-115		
Selenium	19.7		0.190	mg/kg	19.0		103	85-115		
Thallium	4.80		0.0476	mg/kg	4.76		101	85-115		
Zinc	19.6		0.190	mg/kg	19.0		103	85-115		

**LCS (BGE2507-BS2)**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Beryllium 2.19 0.0190 mg/kg 1.90 115 85-115

**Duplicate (BGE2507-DUP1)**

**Source: 23E2848-20**

Prepared: 5/16/2023 Analyzed: 6/6/2023

Antimony	0.00235	J	0.0201	mg/kg		0.00238		1.29	20
Arsenic	2.04		0.0502	mg/kg		2.06		1.19	20
Cadmium	0.0291		0.0201	mg/kg		0.0301		3.66	20
Chromium	0.131		0.0602	mg/kg		0.116		11.8	20
Copper	1.12		0.0201	mg/kg		1.20		6.73	20
Lead	0.0898		0.0100	mg/kg		0.0943		4.82	20
Nickel	0.173		0.0201	mg/kg		0.172		0.447	20
Selenium	0.300		0.0402	mg/kg		0.300		0.227	20
Thallium	0.000361	J	0.0100	mg/kg		0.000340		6.11	20
Zinc	24.0	J1	0.201	mg/kg		50.4		70.9	20



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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2507 - EPA 200.3 (Continued)**

**Duplicate (BGE2507-DUP2)**

**Source: 23E2848-30**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Antimony	0.00344	J	0.0200	mg/kg		0.00319			7.40	20
Arsenic	1.85		0.100	mg/kg		1.95			5.46	20
Beryllium	0.000580	J	0.00400	mg/kg		0.000615			5.87	20
Cadmium	0.0246		0.0200	mg/kg		0.0250			1.85	20
Chromium	0.151		0.0600	mg/kg		0.151			0.0322	20
Copper	2.56		0.0200	mg/kg		2.73			6.09	20
Lead	0.113		0.0100	mg/kg		0.123			9.11	20
Nickel	0.169		0.0200	mg/kg		0.181			7.12	20
Selenium	0.287	J1	0.0400	mg/kg		0.232			21.3	20
Thallium	0.000280	J	0.0100	mg/kg		0.000278			0.797	20
Zinc	8.12	J1	0.400	mg/kg		24.7			101	20

**Duplicate (BGE2507-DUP3)**

**Source: 23E2848-20**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Beryllium	0.000964	J	0.00402	mg/kg		0.000920			4.66	20
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**MDL Check (BGE2507-MRL1)**

Prepared: 5/16/2023 Analyzed: 6/6/2023

Antimony	0.0571	J	0.0990	mg/kg	0.0495		115			
Arsenic	<0.0495	U	0.0495	mg/kg	0.00495					
Cadmium	0.00634	J	0.0990	mg/kg	0.00495		128			
Chromium	0.0550	J	0.297	mg/kg	0.0149		370			
Copper	0.0366	J	0.0990	mg/kg	0.00990		370			
Lead	0.00762	J	0.0495	mg/kg	0.00495		154			
Nickel	0.0146	J	0.0990	mg/kg	0.00495		294			
Selenium	0.102	J	0.198	mg/kg	0.0990		103			
Thallium	0.00485	J	0.0495	mg/kg	0.00248		196			
Zinc	0.128	J	0.198	mg/kg	0.0990		129			

**MDL Check (BGE2507-MRL2)**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Beryllium	0.00158	J	0.0198	mg/kg	0.000990		160			
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Project Manager: Gregg Pawlak

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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2507 - EPA 200.3 (Continued)**

**Matrix Spike (BGE2507-MS1)**

**Source: 23E2848-20**

Prepared: 5/16/2023 Analyzed: 6/6/2023

Antimony	2.15		0.0200	mg/kg	2.00	0.00238	107	75-125		
Arsenic	3.11		0.0500	mg/kg	1.00	2.06	104	75-125		
Cadmium	2.06		0.0200	mg/kg	2.00	0.0301	101	75-125		
Chromium	6.15		0.0600	mg/kg	6.00	0.116	101	75-125		
Copper	3.00		0.0200	mg/kg	2.00	1.20	89.9	75-125		
Lead	1.05		0.0100	mg/kg	1.00	0.0943	95.5	75-125		
Nickel	2.09		0.0200	mg/kg	2.00	0.172	96.0	75-125		
Selenium	5.46	J1	0.0400	mg/kg	4.00	0.300	129	75-125		
Thallium	0.968		0.0100	mg/kg	1.00	0.000340	96.7	75-125		
Zinc	12.6	J1	0.200	mg/kg	4.00	50.4	NR	75-125		

**Matrix Spike (BGE2507-MS2)**

**Source: 23E2848-30**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Antimony	2.11		0.0199	mg/kg	1.99	0.00319	106	75-125		
Arsenic	2.89		0.0498	mg/kg	0.996	1.95	94.5	75-125		
Beryllium	0.464		0.00398	mg/kg	0.398	0.000615	116	75-125		
Cadmium	2.14		0.0199	mg/kg	1.99	0.0250	106	75-125		
Chromium	6.75		0.0598	mg/kg	5.98	0.151	110	75-125		
Copper	4.88		0.0996	mg/kg	1.99	2.73	108	75-125		
Lead	1.13		0.00996	mg/kg	0.996	0.123	101	75-125		
Nickel	2.25		0.0199	mg/kg	1.99	0.181	104	75-125		
Selenium	5.70	J1	0.0398	mg/kg	3.98	0.232	137	75-125		
Thallium	0.996		0.00996	mg/kg	0.996	0.000278	100	75-125		
Zinc	27.5	J1	0.199	mg/kg	3.98	24.7	70.5	75-125		

**Matrix Spike (BGE2507-MS3)**

**Source: 23E2848-20**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Beryllium	0.463		0.00400	mg/kg	0.400	0.000920	116	75-125		
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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE3654 - SW-7471</b>										
<b>MDL Check (BGE3654-MRL1)</b>										
Mercury	0.0107	J	0.0196	mg/kg	0.00979		109			
					Prepared & Analyzed: 6/7/2023					
<b>Matrix Spike (BGE3654-MS1)</b>										
Mercury	0.123		0.00992	mg/kg	0.124	<0.00992	99.1	80-120		
					Prepared & Analyzed: 6/7/2023					
<b>Matrix Spike (BGE3654-MS2)</b>										
Mercury	0.119		0.00952	mg/kg	0.119	<0.00952	99.8	80-120		
					Prepared & Analyzed: 6/7/2023					
<b>Matrix Spike Dup (BGE3654-MSD1)</b>										
Mercury	0.117		0.00945	mg/kg	0.118	<0.00945	99.0	80-120	4.96	20
					Prepared & Analyzed: 6/7/2023					
<b>Matrix Spike Dup (BGE3654-MSD2)</b>										
Mercury	0.121		0.00976	mg/kg	0.122	<0.00976	99.6	80-120	2.21	20
					Prepared & Analyzed: 6/7/2023					
<b>Batch: BGE3655 - SW-7471</b>										
<b>MDL Check (BGE3655-MRL1)</b>										
Mercury	0.00988	J	0.0200	mg/kg	0.00998		99.0			
					Prepared & Analyzed: 6/8/2023					
<b>Matrix Spike (BGE3655-MS1)</b>										
Mercury	0.121		0.00960	mg/kg	0.120	<0.00960	100	80-120		
					Prepared & Analyzed: 6/8/2023					
<b>Matrix Spike (BGE3655-MS2)</b>										
Mercury	0.114		0.00930	mg/kg	0.116	<0.00930	97.8	80-120		
					Prepared & Analyzed: 6/8/2023					
<b>Matrix Spike Dup (BGE3655-MSD1)</b>										
Mercury	0.126		0.00976	mg/kg	0.122	<0.00976	103	80-120	4.54	20
					Prepared & Analyzed: 6/8/2023					



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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE3655 - SW-7471 (Continued)**

**Matrix Spike Dup (BGE3655-MSD2)**

**Source: 23E2848-23**

Prepared & Analyzed: 6/8/2023

Mercury	0.124		0.0100	mg/kg	0.125	<0.0100	99.2	80-120	8.69	20
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**Batch: BGF0506 - EPA 200.3**

**Blank (BGF0506-BLK1)**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	<0.0505	U	0.0505	mg/kg						
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**LCS (BGF0506-BS1)**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	1.79	J1	0.0467	mg/kg	4.67		38.4	85-115		
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**Duplicate (BGF0506-DUP1)**

**Source: 23E2848-01RE1**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	0.0162		0.0100	mg/kg		0.0167			2.92	20
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**Duplicate (BGF0506-DUP2)**

**Source: 23E2848-11RE1**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	0.0151		0.00996	mg/kg		0.0155			2.91	20
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**MDL Check (BGF0506-MRL1)**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	0.00216	J	0.0490	mg/kg	0.00245		88.0			
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**Matrix Spike (BGF0506-MS1)**

**Source: 23E2848-01RE1**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	0.554	J1	0.00996	mg/kg	0.996	0.0167	53.9	75-125		
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**Matrix Spike (BGF0506-MS2)**

**Source: 23E2848-11RE1**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	0.379	J1	0.00977	mg/kg	0.977	0.0155	37.2	75-125		
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**Batch: BGF0507 - EPA 200.3**

**Blank (BGF0507-BLK1)**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	<0.0500	U	0.0500	mg/kg						
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**Quality Control  
(Continued)**

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGF0507 - EPA 200.3 (Continued)**

<b>LCS (BGF0507-BS1)</b>						Prepared: 6/5/2023 Analyzed: 6/9/2023				
Silver	2.22	J1	0.0505	mg/kg	5.05		43.9	85-115		
<b>Duplicate (BGF0507-DUP1)</b>						Prepared: 6/5/2023 Analyzed: 6/9/2023				
Silver	0.0152		0.00962	mg/kg		0.0133			13.4	20
<b>Duplicate (BGF0507-DUP2)</b>						Prepared: 6/5/2023 Analyzed: 6/9/2023				
Silver	0.0147		0.00996	mg/kg		0.0141			3.84	20
<b>MDL Check (BGF0507-MRL1)</b>						Prepared: 6/5/2023 Analyzed: 6/9/2023				
Silver	0.00263	J	0.0505	mg/kg	0.00253		104			
<b>Matrix Spike (BGF0507-MS1)</b>						Prepared: 6/5/2023 Analyzed: 6/9/2023				
Silver	0.816		0.0100	mg/kg	1.00	0.0133	80.3	75-125		
<b>Matrix Spike (BGF0507-MS2)</b>						Prepared: 6/5/2023 Analyzed: 6/9/2023				
Silver	0.563	J1	0.00992	mg/kg	0.992	0.0141	55.3	75-125		

**Batch: SGF0026 - BGE2506**

<b>Interference Check A (SGF0026-IFA1)</b>				Prepared & Analyzed: 6/2/2023			
Antimony	0.149			ug/L			70-130
Arsenic	0.126			ug/L			70-130
Cadmium	0.384			ug/L			70-130
Chromium	3.42			ug/L			70-130
Copper	0.164			ug/L			70-130
Lead	0.0720			ug/L			70-130
Nickel	0.595			ug/L			70-130
Selenium	0.195			ug/L			70-130
Thallium	0.00800			ug/L			70-130



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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0026 - BGE2506 (Continued)**

**Interference Check B (SGF0026-IFB1)**

Prepared & Analyzed: 6/2/2023

Antimony	96.9			ug/L	100		96.9	70-130		
Arsenic	49.6			ug/L	50.0		99.2	70-130		
Cadmium	94.8			ug/L	100		94.8	70-130		
Chromium	287			ug/L	300		95.8	70-130		
Copper	89.9			ug/L	100		89.9	70-130		
Lead	45.5			ug/L	50.0		91.0	70-130		
Nickel	89.7			ug/L	100		89.7	70-130		
Selenium	198			ug/L	200		99.1	70-130		
Thallium	46.5			ug/L	50.0		93.0	70-130		

**Batch: SGF0034 - BGE2506**

**Interference Check A (SGF0034-IFA1)**

Prepared & Analyzed: 6/2/2023

Antimony	0.139			ug/L				70-130		
Arsenic	0.106			ug/L				70-130		
Chromium	3.26			ug/L				70-130		
Copper	0.117			ug/L				70-130		
Lead	0.0640			ug/L				70-130		
Nickel	0.574			ug/L				70-130		

**Interference Check B (SGF0034-IFB1)**

Prepared & Analyzed: 6/2/2023

Antimony	94.4			ug/L	100		94.4	70-130		
Arsenic	49.5			ug/L	50.0		99.0	70-130		
Chromium	287			ug/L	300		95.6	70-130		
Copper	86.8			ug/L	100		86.8	70-130		
Lead	46.6			ug/L	50.0		93.1	70-130		
Nickel	88.0			ug/L	100		88.0	70-130		

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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0074 - BGE2507**

**Interference Check A (SGF0074-IFA1)**

Prepared & Analyzed: 6/6/2023

Antimony	0.215			ug/L				70-130		
Arsenic	0.125			ug/L				70-130		
Cadmium	0.410			ug/L				70-130		
Chromium	3.67			ug/L				70-130		
Copper	0.296			ug/L				70-130		
Lead	0.0900			ug/L				70-130		
Nickel	0.644			ug/L				70-130		
Selenium	0.186			ug/L				70-130		
Thallium	0.0320			ug/L				70-130		
Zinc	0.144			ug/L				70-130		

**Interference Check B (SGF0074-IFB1)**

Prepared & Analyzed: 6/6/2023

Antimony	104			ug/L	100	104		70-130		
Arsenic	52.0			ug/L	50.0	104		70-130		
Cadmium	99.9			ug/L	100	99.9		70-130		
Chromium	295			ug/L	300	98.3		70-130		
Copper	98.9			ug/L	100	98.9		70-130		
Lead	45.0			ug/L	50.0	89.9		70-130		
Nickel	92.5			ug/L	100	92.5		70-130		
Selenium	213			ug/L	200	106		70-130		
Thallium	48.2			ug/L	50.0	96.4		70-130		
Zinc	192			ug/L	200	96.2		70-130		

**Batch: SGF0091 - BGE2507**

**Interference Check A (SGF0091-IFA1)**

Prepared & Analyzed: 6/7/2023

Antimony	0.159			ug/L				70-130		
Arsenic	0.103			ug/L				70-130		
Beryllium	0.00200			ug/L				70-130		
Cadmium	0.367			ug/L				70-130		
Chromium	3.29			ug/L				70-130		
Copper	0.144			ug/L				70-130		
Lead	0.0700			ug/L				70-130		
Nickel	0.582			ug/L				70-130		
Selenium	0.249			ug/L				70-130		
Thallium	0.0160			ug/L				70-130		
Zinc	1.26			ug/L				70-130		



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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0091 - BGE2507 (Continued)**

**Interference Check B (SGF0091-IFB1)**

Prepared & Analyzed: 6/7/2023

Antimony	103			ug/L	100		103	70-130		
Arsenic	52.0			ug/L	50.0		104	70-130		
Beryllium	18.5			ug/L	20.0		92.6	70-130		
Cadmium	98.9			ug/L	100		98.9	70-130		
Chromium	295			ug/L	300		98.4	70-130		
Copper	96.1			ug/L	100		96.1	70-130		
Lead	46.1			ug/L	50.0		92.2	70-130		
Nickel	93.3			ug/L	100		93.3	70-130		
Selenium	213			ug/L	200		107	70-130		
Thallium	46.8			ug/L	50.0		93.5	70-130		
Zinc	193			ug/L	200		96.3	70-130		

**Batch: SGF0122 - BGE2506**

**Interference Check A (SGF0122-IFA1)**

Prepared & Analyzed: 6/8/2023

Arsenic	0.0990			ug/L				70-130		
Beryllium	0.00800			ug/L				70-130		
Chromium	3.28			ug/L				70-130		
Copper	0.338			ug/L				70-130		
Nickel	0.573			ug/L				70-130		
Selenium	0.185			ug/L				70-130		
Zinc	0.665			ug/L				70-130		

**Interference Check B (SGF0122-IFB1)**

Prepared & Analyzed: 6/8/2023

Arsenic	51.2			ug/L	50.0		102	70-130		
Beryllium	18.1			ug/L	20.0		90.6	70-130		
Chromium	286			ug/L	300		95.3	70-130		
Copper	92.8			ug/L	100		92.8	70-130		
Nickel	90.9			ug/L	100		90.9	70-130		
Selenium	208			ug/L	200		104	70-130		
Zinc	189			ug/L	200		94.7	70-130		



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**Quality Control  
(Continued)**

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: SGF0142 - BGF0506</b>										
<b>Interference Check A (SGF0142-IFA1)</b>										
Silver	0.00700			ug/L		Prepared & Analyzed: 6/9/2023		70-130		
<b>Interference Check B (SGF0142-IFB1)</b>										
Silver	45.6			ug/L	50.0	Prepared & Analyzed: 6/9/2023	91.3	70-130		
<b>Batch: SGF0149 - BGF0506</b>										
<b>Interference Check A (SGF0149-IFA1)</b>										
Silver	0.00800			ug/L		Prepared & Analyzed: 6/9/2023		70-130		
<b>Interference Check B (SGF0149-IFB1)</b>										
Silver	46.5			ug/L	50.0	Prepared & Analyzed: 6/9/2023	93.0	70-130		
<b>Batch: SGF0246 - BGE2506</b>										
<b>Interference Check A (SGF0246-IFA1)</b>										
Arsenic	0.0830			ug/L		Prepared & Analyzed: 6/15/2023		70-130		
<b>Interference Check B (SGF0246-IFB1)</b>										
Arsenic	52.1			ug/L	50.0	Prepared & Analyzed: 6/15/2023	104	70-130		



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:04
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**Quality Control**  
(Continued)

**General Chemistry**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE2233 - Percent Solids</b>										
<b>Blank (BGE2233-BLK1)</b>										
% Solids	<0.100	U	0.100	%						Prepared: 5/12/2023 Analyzed: 5/15/2023
<b>Duplicate (BGE2233-DUP1)</b>										
			<b>Source: 23E2848-01</b>		Prepared: 5/12/2023 Analyzed: 5/15/2023					
% Solids	10.4		0.100	%		10.6			1.47	10
<b>Duplicate (BGE2233-DUP2)</b>										
			<b>Source: 23E2848-36</b>		Prepared: 5/12/2023 Analyzed: 5/15/2023					
% Solids	14.0		0.100	%		13.9			0.908	10
<b>Reference (BGE2233-SRM1)</b>										
% Solids	0.369		0.100	%	0.350		105	78.9-118		
<b>Batch: BGE2234 - Percent Solids</b>										
<b>Blank (BGE2234-BLK1)</b>										
% Solids	<0.100	U	0.100	%						Prepared: 5/12/2023 Analyzed: 5/15/2023
<b>Duplicate (BGE2234-DUP1)</b>										
			<b>Source: 23E2848-03</b>		Prepared: 5/12/2023 Analyzed: 5/15/2023					
% Solids	9.17		0.100	%		9.19			0.209	10
<b>Duplicate (BGE2234-DUP2)</b>										
			<b>Source: 23E2848-10</b>		Prepared: 5/12/2023 Analyzed: 5/15/2023					
% Solids	9.70		0.100	%		9.80			1.07	10
<b>Reference (BGE2234-SRM1)</b>										
% Solids	0.377		0.100	%	0.350		108	78.9-118		



Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:04

### Sample Condition Checklist

**Work Order: 23E2848**

**Check Points**

- No Custody Seals
- Yes Containers Intact
- Yes COC/Labels Agree
- Yes Received On Ice
- Yes Appropriate Containers
- Yes Appropriate Sample Volume
- No Coolers Intact
- Yes Samples Accepted

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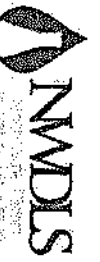
Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:04

## Term and Qualifier Definitions

Item	Definition
A	Detection limit elevated due to abundance of non-target analyte.
B	Analyte was found in the associated method blank.
J	Estimated value - The reported value is between the detection limit and reporting limit.
J1	Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.
S	The surrogate recovery was outside the established laboratory recovery limit.
U	Non-detected compound.
V	Analyte was detected in both sample and method blank.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated
*	A = Accredited, N = Not Accredited or Accreditation not available
DF	Dilution Factor - the factor applied to the reported data due to sample preparation, dilution, or moisture content
MDL	Method Detection Limit - The minimum concentration of a substance (or analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. Based on standard deviation of replicate spiked samples take through all steps of the analytical procedure following 40 CFR Part 136 Appendix B.
SDL	Sample Detection Limit - The minimum concentration of a substance (analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The SDL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MDL = SDL.
MRL	Method Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The MRL is at or above the lowest calibration standard.
LRL	Laboratory Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The LRL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MRL = LRL.





# CHAIN OF CUSTODY RECORD

North Water District Laboratory Services  
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**23E2848**

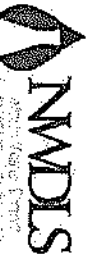
Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM

Schedule Comments:

Project Comments:

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation	Field Results
23E2848-01	MM-CDP-06-1		4-1-23 11:00	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2848-02	MM-CDP-06-2		4-1-23 11:00	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	



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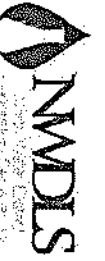
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**23E2848**

(Continued)

Tetracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8889

Project Name : PCCA CDP TISSUE CHEM		Project Comments:		Schedule Comments:		
23E2848-03	MM-CDP-06-3		4-1-23 1100	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.1 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C
23E2848-04	MM-CDP-06-4		4-1-23 1100	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.1 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C



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**23E2848**

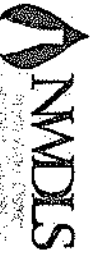
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Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2848-05	MM-CDP-06-5		4-1-23 1.05	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20 <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.4 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2848-06	MM-CDP-07-1		4-1-23 1.05	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20i <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.4 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C	



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**23E2848**

(Continued)

Tetracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:				
Project Comments:						
23E2848-07	MM-CDP-07-2	4-1-23 1/9/0	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200; <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	
23E2848-08	MM-CDP-07-3	4-1-23 1/9/0	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200; <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	



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 (936) 321-6060 - lab@nmdis.com

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**23E2848**

(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name: PCCA GDP TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2848-09	MM-CDP-07-4		4-1-23 1103	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200I <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200I <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organolns-TX10014°C TS-2540 G <-20°C	
23E2848-10	MM-CDP-07-5		4-1-23 1103	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200I <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200I <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organolns-TX10014°C TS-2540 G <-20°C	



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**23E2848**

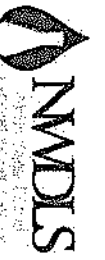
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Terracoh\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name: PCCA CDP TISSUE CHEM  
 Project Comments:

MM-REF-1	MM-REF-2	T Composite	A Glass 250mL w/ Teflon-lined Lid	Schedule Comments:
23E2848-11		4-1-23 1100		
23E2848-12		4-1-23 1100		

Antimony KED ICPMS 2 <-20°C  
 Arsenic KED ICPMS 20C <-20°C  
 Beryllium KED ICPMS 2i <-20°C  
 Cadmium KED ICPMS 2 <-20°C  
 Chromium KED ICPMS 1 <-20°C  
 Copper KED ICPMS 200 <-20°C  
 Hg-7471 <-20°C  
 Lead KED ICPMS 200.8 <-20°C  
 Nickel KED ICPMS 200.1 <-20°C  
 Selenium KED ICPMS 2 <-20°C  
 Silver KED ICPMS 200.1 <-20°C  
 Thallium KED ICPMS 20 <-20°C  
 Zinc KED ICPMS 200.8 <-20°C  
 SVOA-8270 <-20°C  
 TPH-1005 <-20°C  
 Sub\_Organotins-TX10014°C <-20°C  
 TS-2540 G <-20°C



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 (936) 321-6060 - lab@nwdis.com  
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Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2848-13	MM-REF-3		4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200; <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C	
23E2848-14	MM-REF-4		4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200; <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C	



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**23E2848**

(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2848-15	MM-REF-5		4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C	
23E2848-16	MM-CDP-PRETEST-1		4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C	





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 (936) 321-6060 - lab@nwdis.com  
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**23E2848**

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Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2848-17	MM-CDP-PRETEST-2		4-1-23 1.50	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20K <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C	
23E2848-18	MM-CDP-PRETEST-3		4-1-23 1.50	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20K <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C	

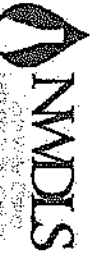


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 (936) 321-6060 - lab@nmdis.com  
 TCEQ T104704238-23-39

Terracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:	
Project Comments:			
23E2848-19	NV-CDP-06-1	T Composite	A Glass 250mL w/ Teflon-lined Lid
		U-1-23 1300	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.1 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C
23E2848-20	NV-CDP-06-2	T Composite	A Glass 250mL w/ Teflon-lined Lid
		U-1-23 1300	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.1 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C



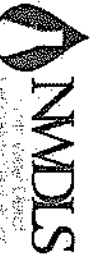
# CHAIN OF CUSTODY RECORD

North Water District Laboratory Services  
 130 S. Trade Center Pkwy, Conroe TX 77385  
 (936) 321-6060 - lab@nwdls.com  
 TCEQ T104704238-23-39

**23E2848**

(Continued)

Terracon_Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989		Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:	
Project Comments:					
23E2848-21	NV-CDP-06-3	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200. : <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C
23E2848-22	NV-CDP-06-4	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200. : <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C



# CHAIN OF CUSTODY RECORD

North Water District Laboratory Services  
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TCEQ T104704238-23-39

Terracor, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM		Project Comments:		Schedule Comments:	
23E2848-23	NV-CDP-06-5	4-1-23 1303	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVQA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C
23E2848-24	NV-CDP-07-1	4-1-23 1303	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVQA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX 10014°C <-20°C TS-2540 G <-20°C

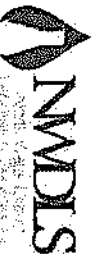


# CHAIN OF CUSTODY RECORD

North Water District Laboratory Services  
 130 S. Trade Center Pkwy, Conroe TX 77385  
 (936) 321-6060 - lab@nmwdis.com  
 TCEQ T104704238-23-39

(Continued)

Terracora, Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989		<b>Project Name :</b> PCCA CDP TISSUE CHEM <b>Project Comments:</b>					
23E2848-25	NV-CDP-07-2			T	Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C
23E2848-26	NV-CDP-07-3			T	Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C



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**23E2848**

(Continued)

Terracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:	
Project Comments:			
23E2848-27	NV-CDP-07-4	4-1-23 1300	T Composite
			A Glass 250ml w/ Teflon-lined Lid
23E2848-28	NV-CDP-07-5	4-1-23 1300	T Composite
			A Glass 250ml w/ Teflon-lined Lid
Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 200 <-20°C Beryllium KED ICPMS 20 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C			



# CHAIN OF CUSTODY RECORD

North Water District Laboratory Services  
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 (936) 321-6060 - lab@nwdis.com  
 TCEQ T104704238-23-39

(Continued)

Terracon, Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989		<b>Project Name :</b> PCCA CDP TISSUE CHEM <b>Project Comments:</b>		<b>Schedule Comments:</b>	
23E2848-29	NV-REF-1			T Composite A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20f <-20°C Beryllium KED ICPMS 2 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20f <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.8 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20f <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C
23E2848-30	NV-REF-2	4-1-23 1300		T Composite A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20f <-20°C Beryllium KED ICPMS 2 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.8 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C



# CHAIN OF CUSTODY RECORD

North Water District Laboratory Services  
 130 S. Trade Center Pkwy, Conroe Tx 77385  
 (936) 321-6060 - lab@nwdls.com  
 TCEQ T104704238-29-39

**23E2848**

(Continued)

Tetracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

**Project Name:** PCCA CDP TISSUE CHEM  
**Project Comments:**

**Schedule Comments:**

23E2848-31	NV-REF-3		T	Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organohls-TX10014°C TS-2540 G <-20°C	4-1-23 1300
23E2848-32	NV-REF-4		T	Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organohls-TX10014°C TS-2540 G <-20°C	4-1-23 1300





# CHAIN OF CUSTODY RECORD

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 TCEQ: T104704238-23-39

**23E2848**

(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2848-33	NV-REF-5		T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	
23E2848-34	NV-CDP-PRETEST-1	4-1-23 1303	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	



# CHAIN OF CUSTODY RECORD

North Water District Laboratory Services  
 130 S. Trade Center Pkwy, Conroe, TX 77385  
 (936) 321-6060 - lab@nwdis.com  
 TCEQ T104704238-23-99

**23E2848**

(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM  
 Project Comments:  
 Schedule Comments:

23E2848-35	NV-CDP-PRETEST-2	4-1-23 1333	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.8 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	
23E2848-36	NV-CDP-PRETEST-3	4-1-23 1333	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.8 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	



# CHAIN OF CUSTODY RECORD

North Water District Laboratory Services  
 130 S. Trade Center Pkwy, Conroe TX 77385  
 (936) 321-6060 - lab@nwdls.com  
 TCEQ T104704238-23-39

**23E2848**

(Continued)

Terracon_Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989	Project Name : PCCA CDP TISSUE CHEM Project Comments:
---	--

Field Remarks:	Preservation: (Circle and Write ID)	H2SO4	HN03	NaOH	Other:
Sampler (Signature) <i>Shirley</i>	Relinquished By: (Signature) <i>Shirley</i>	Date/Time 5/10/23 15:00	Received By: (Signature)	Date/Time	Date/Time
Print Name Theron King	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time	Date/Time
Affiliation TDC Lab	Relinquished To Lab By: (Signature)	Date/Time	Received for Laboratory By: (Signature)	Date/Time	Date/Time
Custody Seal : Yes / No	COC Labels Agree: Yes / No	Appropriate Volume: Yes / No	Received on Ice: Yes / No	Temperature: _____ °C	
Container Intact : Yes / No	Appropriate Containers: Yes / No	Coders Intact: Yes / No	Samples Accepted: Yes / No	Thermometer ID: _____	



June 16, 2023

## LAB REPORT

Gregg Pawlak  
Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Report ID: 20230616110719MM

RE: PCCA CDP TISSUE CHEM

The following test results meet all NELAP requirements for analytes for which certification is available. Any deviations from our quality system will be noted in the case narrative. All analyses performed by North Water District Laboratory Services, Inc. unless noted.

For questions regarding this report, contact Monica Martin at 936-321-6060.

Sincerely,

Monica O. Martin  
Chief Administrative Officer

Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

## Work Order Case Narrative

A total of 36 samples were collected on:

<u>Laboratory ID</u>	<u>Sample Name</u>	<u>Sample Date</u>
23E2848-01	MM-CDP-06-1	04/01/2023 11:00
23E2848-02	MM-CDP-06-2	04/01/2023 11:00
23E2848-03	MM-CDP-06-3	04/01/2023 11:00
23E2848-04	MM-CDP-06-4	04/01/2023 11:00
23E2848-05	MM-CDP-06-5	04/01/2023 11:00
23E2848-06	MM-CDP-07-1	04/01/2023 11:00
23E2848-07	MM-CDP-07-2	04/01/2023 11:00
23E2848-08	MM-CDP-07-3	04/01/2023 11:00
23E2848-09	MM-CDP-07-4	04/01/2023 11:00
23E2848-10	MM-CDP-07-5	04/01/2023 11:00
23E2848-11	MM-REF-1	04/01/2023 11:00
23E2848-12	MM-REF-2	04/01/2023 11:00
23E2848-13	MM-REF-3	04/01/2023 11:00
23E2848-14	MM-REF-4	04/01/2023 11:00
23E2848-15	MM-REF-5	04/01/2023 11:00
23E2848-16	MM-CDP-PRETEST-1	04/01/2023 11:00
23E2848-17	MM-CDP-PRETEST-2	04/01/2023 11:00
23E2848-18	MM-CDP-PRETEST-3	04/01/2023 11:00
23E2848-19	NV-CDP-06-1	04/01/2023 13:00
23E2848-20	NV-CDP-06-2	04/01/2023 13:00
23E2848-21	NV-CDP-06-3	04/01/2023 13:00
23E2848-22	NV-CDP-06-4	04/01/2023 13:00
23E2848-23	NV-CDP-06-5	04/01/2023 13:00
23E2848-24	NV-CDP-07-1	04/01/2023 13:00
23E2848-25	NV-CDP-07-2	04/01/2023 13:00
23E2848-26	NV-CDP-07-3	04/01/2023 13:00
23E2848-27	NV-CDP-07-4	04/01/2023 13:00
23E2848-28	NV-CDP-07-5	04/01/2023 13:00
23E2848-29	NV-REF-1	04/01/2023 13:00
23E2848-30	NV-REF-2	04/01/2023 13:00
23E2848-31	NV-REF-3	04/01/2023 13:00
23E2848-32	NV-REF-4	04/01/2023 13:00
23E2848-33	NV-REF-5	04/01/2023 13:00
23E2848-34	NV-CDP-PRETEST-1	04/01/2023 13:00
23E2848-35	NV-CDP-PRETEST-2	04/01/2023 13:00
23E2848-36	NV-CDP-PRETEST-3	04/01/2023 13:00

Samples were received and accepted at NWDLS on 05/10/2023 15:00. Samples were held in freezer storage until digestion and/or extraction began for all tests, including subcontracted tests. Any receiving discrepancies are recorded and stored in NWDLS' database. The samples received a Work Order of 23E2848. The lab sample IDs, client sample IDs, and dates of collection can be found at the top of each result page.

NWDLS provided their lowest detection limit for all requested analyses. Note that detection and reporting limits are adjusted to account for sample specific parameters.

Any QC that did not meet the laboratory specified control limits was flagged and reported with qualifiers. For additional



Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

information, please refer to the included quality control data pages.



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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### Sample Results

Client Sample ID: MM-CDP-06-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-01      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

#### Semivolatile Organic Compounds by GCMS

SW-8270	Phenol, Total	A	415V	ug/kg dry	1	44.6	44.6	BGE4170	06/05/2023 02:34	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>14.7% S</i>	<i>60-140</i>					<i>06/05/2023 02:34</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>57.1% S</i>	<i>60-140</i>					<i>06/05/2023 02:34</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>64.6%</i>	<i>60-140</i>					<i>06/05/2023 02:34</i>	

#### Metals, Total

EPA 200.8	Antimony	N	<0.0152U	mg/kg dry	1	0.0152	0.189	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Arsenic	N	10.4	mg/kg dry	1	0.0233	0.0947	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Beryllium	N	0.0116J	mg/kg dry	1	0.00189	0.0379	BGE2506	06/08/2023 15:40	TBB
EPA 200.8	Cadmium	N	0.385	mg/kg dry	1	0.00598	0.189	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Chromium	N	0.455V, J	mg/kg dry	1	0.0139	0.568	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Copper	N	10.9V	mg/kg dry	1	0.0165	0.189	BGE2506	06/02/2023 09:58	TBB
SW-7471B	Mercury	A	<0.0466U	mg/kg dry	1	0.0466	0.0931	BGE3654	06/07/2023 13:28	AKR
EPA 200.8	Lead	N	0.251V	mg/kg dry	1	0.0143	0.0947	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Nickel	N	3.25V	mg/kg dry	1	0.00335	0.189	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Selenium	N	1.43	mg/kg dry	1	0.208	0.379	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Thallium	N	0.00341J	mg/kg dry	1	0.00131	0.0947	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Zinc	N	106V	mg/kg dry	5	0.356	1.89	BGE2506	06/08/2023 15:50	TBB

#### General Chemistry

SM 2540 G	% Solids	A	10.6V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-1	Sample Matrix: Tissue
Lab Sample ID: 23E2848-01RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.158	mg/kg dry	1	0.00133	0.0939	BGF0506	06/09/2023 13:24	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-02      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	480V	ug/kg dry	1	47.4	47.4	BGE4170	06/05/2023 02:00	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>39.0% S</i>	<i>60-140</i>					<i>06/05/2023 02:00</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>75.0%</i>	<i>60-140</i>					<i>06/05/2023 02:00</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>69.8%</i>	<i>60-140</i>					<i>06/05/2023 02:00</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0154U	mg/kg dry	1	0.0154	0.192	BGE2506	06/02/2023 10:13	TBB
EPA 200.8	Arsenic	N	9.79A	mg/kg dry	5	0.118	0.479	BGE2506	06/02/2023 10:23	TBB
EPA 200.8	Beryllium	N	0.0148J	mg/kg dry	1	0.00192	0.0383	BGE2506	06/08/2023 15:52	TBB
EPA 200.8	Cadmium	N	0.413	mg/kg dry	1	0.00605	0.192	BGE2506	06/02/2023 10:13	TBB
EPA 200.8	Chromium	N	0.317A, V, J	mg/kg dry	5	0.0704	2.87	BGE2506	06/02/2023 10:23	TBB
EPA 200.8	Copper	N	11.2A, V	mg/kg dry	5	0.0833	0.958	BGE2506	06/02/2023 10:23	TBB
SW-7471B	Mercury	A	<0.0479U	mg/kg dry	1	0.0479	0.0958	BGE3654	06/07/2023 13:32	AKR
EPA 200.8	Lead	N	0.285V	mg/kg dry	1	0.0145	0.0958	BGE2506	06/02/2023 10:13	TBB
EPA 200.8	Nickel	N	3.52A, V	mg/kg dry	5	0.0170	0.958	BGE2506	06/02/2023 10:23	TBB
EPA 200.8	Selenium	N	1.54A	mg/kg dry	1	0.211	0.383	BGE2506	06/02/2023 10:13	TBB
EPA 200.8	Thallium	N	0.00383J	mg/kg dry	1	0.00132	0.0958	BGE2506	06/02/2023 10:13	TBB
EPA 200.8	Zinc	N	114V	mg/kg dry	10	0.719	3.83	BGE2506	06/08/2023 12:40	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.4V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-2	Sample Matrix: Tissue
Lab Sample ID: 23E2848-02RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.143	mg/kg dry	1	0.00134	0.0947	BGF0506	06/09/2023 13:31	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-03      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	37.7V	ug/kg dry	1	25.5	25.5	BGE4170	06/05/2023 03:09	KRB
SW-8270	Phenol, Total	A	537V	ug/kg dry	1	51.0	51.0	BGE4170	06/05/2023 03:09	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>16.3% S</i>	<i>60-140</i>					<i>06/05/2023 03:09</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>60.2%</i>	<i>60-140</i>					<i>06/05/2023 03:09</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>66.8%</i>	<i>60-140</i>					<i>06/05/2023 03:09</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0175U	mg/kg dry	1	0.0175	0.217	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Arsenic	N	10.9	mg/kg dry	1	0.0267	0.108	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Beryllium	N	0.0180J	mg/kg dry	1	0.00217	0.0434	BGE2506	06/08/2023 15:57	TBB
EPA 200.8	Cadmium	N	0.441	mg/kg dry	1	0.00685	0.217	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Chromium	N	0.372V, J	mg/kg dry	1	0.0159	0.651	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Copper	N	11.0V	mg/kg dry	1	0.0189	0.217	BGE2506	06/02/2023 10:25	TBB
SW-7471B	Mercury	A	<0.0506U	mg/kg dry	1	0.0506	0.101	BGE3654	06/07/2023 13:35	AKR
EPA 200.8	Lead	N	0.326V	mg/kg dry	1	0.0164	0.108	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Nickel	N	3.91V	mg/kg dry	1	0.00384	0.217	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Selenium	N	1.55	mg/kg dry	1	0.239	0.434	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Thallium	N	0.00607J	mg/kg dry	1	0.00150	0.108	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Zinc	N	133V	mg/kg dry	10	0.814	4.34	BGE2506	06/08/2023 12:43	TBB

**General Chemistry**

SM 2540 G	% Solids	A	9.19V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-3	Sample Matrix: Tissue
Lab Sample ID: 23E2848-03RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.129	mg/kg dry	1	0.00151	0.106	BGF0506	06/09/2023 13:34	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-04      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	460V	ug/kg dry	1	42.8	42.8	BGE4170	06/05/2023 03:44	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>20.5% S</i>	<i>60-140</i>					<i>06/05/2023 03:44</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>59.3% S</i>	<i>60-140</i>					<i>06/05/2023 03:44</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>62.9%</i>	<i>60-140</i>					<i>06/05/2023 03:44</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0153U	mg/kg dry	1	0.0153	0.191	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Arsenic	N	10.6	mg/kg dry	1	0.0234	0.0953	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Beryllium	N	0.0114J	mg/kg dry	5	0.00953	0.191	BGE2506	06/08/2023 12:53	TBB
EPA 200.8	Cadmium	N	0.337	mg/kg dry	1	0.00602	0.191	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Chromium	N	0.358V, J	mg/kg dry	1	0.0140	0.572	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Copper	N	9.10V	mg/kg dry	1	0.0166	0.191	BGE2506	06/02/2023 10:30	TBB
SW-7471B	Mercury	A	<0.0443U	mg/kg dry	1	0.0443	0.0886	BGE3654	06/07/2023 13:38	AKR
EPA 200.8	Lead	N	0.318V	mg/kg dry	1	0.0144	0.0953	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Nickel	N	2.40V	mg/kg dry	1	0.00337	0.191	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Selenium	N	1.36	mg/kg dry	1	0.210	0.381	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Thallium	N	0.00324J	mg/kg dry	1	0.00131	0.0953	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Zinc	N	94.9V	mg/kg dry	5	0.358	1.91	BGE2506	06/08/2023 12:53	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.5V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-4	Sample Matrix: Tissue
Lab Sample ID: 23E2848-04RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.101	mg/kg dry	1	0.00132	0.0930	BGF0506	06/09/2023 13:36	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-5  
Lab Sample ID: 23E2848-05  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	628V	ug/kg dry	1	43.4	43.4	BGE4170	06/05/2023 04:18	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>7.95% S</i>	<i>60-140</i>					<i>06/05/2023 04:18</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>69.5%</i>	<i>60-140</i>					<i>06/05/2023 04:18</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>74.5%</i>	<i>60-140</i>					<i>06/05/2023 04:18</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0147U	mg/kg dry	1	0.0147	0.183	BGE2506	06/02/2023 10:35	TBB
EPA 200.8	Arsenic	N	9.14A	mg/kg dry	5	0.112	0.457	BGE2506	06/02/2023 10:38	TBB
EPA 200.8	Beryllium	N	0.0132J	mg/kg dry	1	0.00183	0.0365	BGE2506	06/08/2023 12:55	TBB
EPA 200.8	Cadmium	N	0.416	mg/kg dry	1	0.00577	0.183	BGE2506	06/02/2023 10:35	TBB
EPA 200.8	Chromium	N	0.285A, V, J	mg/kg dry	5	0.0671	2.74	BGE2506	06/02/2023 10:38	TBB
EPA 200.8	Copper	N	10.7A, V	mg/kg dry	5	0.0795	0.913	BGE2506	06/02/2023 10:38	TBB
SW-7471B	Mercury	A	<0.0444U	mg/kg dry	1	0.0444	0.0887	BGE3654	06/07/2023 13:41	AKR
EPA 200.8	Lead	N	0.300V	mg/kg dry	1	0.0138	0.0913	BGE2506	06/02/2023 10:35	TBB
EPA 200.8	Nickel	N	3.05A, V	mg/kg dry	5	0.0162	0.913	BGE2506	06/02/2023 10:38	TBB
EPA 200.8	Selenium	N	1.42A	mg/kg dry	1	0.201	0.365	BGE2506	06/02/2023 10:35	TBB
EPA 200.8	Thallium	N	0.00329J	mg/kg dry	1	0.00126	0.0913	BGE2506	06/02/2023 10:35	TBB
EPA 200.8	Zinc	N	107V	mg/kg dry	5	0.343	1.83	BGE2506	06/08/2023 12:58	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.9V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-5	Sample Matrix: Tissue
Lab Sample ID: 23E2848-05RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.157	mg/kg dry	1	0.00129	0.0906	BGF0506	06/09/2023 13:39	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-1  
Lab Sample ID: 23E2848-06  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	50.2V	ug/kg dry	1	20.3	20.3	BGE4170	06/05/2023 04:53	KRB
SW-8270	Di-n-butyl phthalate	A	51.5V	ug/kg dry	1	20.3	20.3	BGE4170	06/05/2023 04:53	KRB
SW-8270	Di-n-octyl phthalate	A	<20.3U	ug/kg dry	1	20.3	20.3	BGE4170	06/05/2023 04:53	KRB
SW-8270	Phenol, Total	A	626V	ug/kg dry	1	40.7	40.7	BGE4170	06/05/2023 04:53	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>16.3% S</i>	<i>60-140</i>					<i>06/05/2023 04:53</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>42.5% S</i>	<i>60-140</i>					<i>06/05/2023 04:53</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>72.1%</i>	<i>60-140</i>					<i>06/05/2023 04:53</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>84.3%</i>	<i>60-140</i>					<i>06/05/2023 04:53</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>78.2%</i>	<i>60-140</i>					<i>06/05/2023 04:53</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>43.0% S</i>	<i>60-140</i>					<i>06/05/2023 04:53</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0136U	mg/kg dry	1	0.0136	0.169	BGE2506	06/02/2023 10:40	TBB
EPA 200.8	Arsenic	N	10.5A	mg/kg dry	5	0.104	0.423	BGE2506	06/02/2023 10:42	TBB
EPA 200.8	Beryllium	N	0.0132J	mg/kg dry	1	0.00169	0.0338	BGE2506	06/08/2023 13:10	TBB
EPA 200.8	Cadmium	N	0.443	mg/kg dry	1	0.00535	0.169	BGE2506	06/02/2023 10:40	TBB
EPA 200.8	Chromium	N	0.246A, V, J	mg/kg dry	5	0.0622	2.54	BGE2506	06/02/2023 10:42	TBB
EPA 200.8	Copper	N	11.3A, V	mg/kg dry	5	0.0736	0.846	BGE2506	06/02/2023 10:42	TBB
SW-7471B	Mercury	A	<0.0408U	mg/kg dry	1	0.0408	0.0816	BGE3654	06/07/2023 13:45	AKR
EPA 200.8	Lead	N	0.415V	mg/kg dry	1	0.0128	0.0846	BGE2506	06/02/2023 10:40	TBB
EPA 200.8	Nickel	N	2.81A, V	mg/kg dry	5	0.0150	0.846	BGE2506	06/02/2023 10:42	TBB
EPA 200.8	Selenium	N	1.58A	mg/kg dry	1	0.186	0.338	BGE2506	06/02/2023 10:40	TBB
EPA 200.8	Thallium	N	0.00525J	mg/kg dry	1	0.00117	0.0846	BGE2506	06/02/2023 10:40	TBB
EPA 200.8	Zinc	N	105V	mg/kg dry	5	0.318	1.69	BGE2506	06/08/2023 13:12	TBB

**General Chemistry**

SM 2540 G	% Solids	A	11.9V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-1	Sample Matrix: Tissue
Lab Sample ID: 23E2848-06RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.125	mg/kg dry	1	0.00118	0.0833	BGF0506	06/09/2023 15:19	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-2      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-07      Date Collected: 04/01/2023 11:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	96.9V	ug/kg dry	1	23.6	23.6	BGE4170	06/05/2023 05:28	KRB
SW-8270	Di-n-butyl phthalate	A	59.8V	ug/kg dry	1	23.6	23.6	BGE4170	06/05/2023 05:28	KRB
SW-8270	Di-n-octyl phthalate	A	<23.6U	ug/kg dry	1	23.6	23.6	BGE4170	06/05/2023 05:28	KRB
SW-8270	Phenol, Total	A	752V	ug/kg dry	1	47.2	47.2	BGE4170	06/05/2023 05:28	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>23.2% S</i>	<i>60-140</i>					<i>06/05/2023 05:28</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>47.5% S</i>	<i>60-140</i>					<i>06/05/2023 05:28</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>76.1%</i>	<i>60-140</i>					<i>06/05/2023 05:28</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>94.0%</i>	<i>60-140</i>					<i>06/05/2023 05:28</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>93.4%</i>	<i>60-140</i>					<i>06/05/2023 05:28</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>50.4% S</i>	<i>60-140</i>					<i>06/05/2023 05:28</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0156U	mg/kg dry	1	0.0156	0.193	BGE2506	06/02/2023 10:45	TBB
EPA 200.8	Arsenic	N	11.6A	mg/kg dry	5	0.119	0.484	BGE2506	06/02/2023 10:55	TBB
EPA 200.8	Beryllium	N	0.0161J	mg/kg dry	1	0.00193	0.0387	BGE2506	06/08/2023 13:15	TBB
EPA 200.8	Cadmium	N	0.688	mg/kg dry	1	0.00611	0.193	BGE2506	06/02/2023 10:45	TBB
EPA 200.8	Chromium	N	0.414A, V, J	mg/kg dry	5	0.0711	2.90	BGE2506	06/02/2023 10:55	TBB
EPA 200.8	Copper	N	13.6A, V	mg/kg dry	5	0.0842	0.967	BGE2506	06/02/2023 10:55	TBB
SW-7471B	Mercury	A	<0.0484U	mg/kg dry	1	0.0484	0.0967	BGE3654	06/07/2023 13:55	AKR
EPA 200.8	Lead	N	0.472V	mg/kg dry	1	0.0146	0.0967	BGE2506	06/02/2023 10:45	TBB
EPA 200.8	Nickel	N	3.80A, V	mg/kg dry	5	0.0171	0.967	BGE2506	06/02/2023 10:55	TBB
EPA 200.8	Selenium	N	1.90A	mg/kg dry	1	0.213	0.387	BGE2506	06/02/2023 10:45	TBB
EPA 200.8	Thallium	N	0.00484J	mg/kg dry	1	0.00133	0.0967	BGE2506	06/02/2023 10:45	TBB
EPA 200.8	Zinc	N	134V	mg/kg dry	5	0.363	1.93	BGE2506	06/08/2023 13:17	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.3V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 06/16/2023 11:07

**Sample Results**  
 (Continued)

Client Sample ID: MM-CDP-07-2  
 Lab Sample ID: 23E2848-07RE1  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.178	mg/kg dry	1	0.00133	0.0937	BGF0506	06/09/2023 15:21	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-3      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-08      Date Collected: 04/01/2023 11:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	80.5V	ug/kg dry	1	20.0	20.0	BGE4170	06/05/2023 06:02	KRB
SW-8270	Di-n-butyl phthalate	A	57.0V	ug/kg dry	1	20.0	20.0	BGE4170	06/05/2023 06:02	KRB
SW-8270	Di-n-octyl phthalate	A	<20.0U	ug/kg dry	1	20.0	20.0	BGE4170	06/05/2023 06:02	KRB
SW-8270	Phenol, Total	A	621V	ug/kg dry	1	39.9	39.9	BGE4170	06/05/2023 06:02	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>20.0% S</i>	<i>60-140</i>					<i>06/05/2023 06:02</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>43.3% S</i>	<i>60-140</i>					<i>06/05/2023 06:02</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>75.7%</i>	<i>60-140</i>					<i>06/05/2023 06:02</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>76.9%</i>	<i>60-140</i>					<i>06/05/2023 06:02</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>84.9%</i>	<i>60-140</i>					<i>06/05/2023 06:02</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>49.4% S</i>	<i>60-140</i>					<i>06/05/2023 06:02</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0147U	mg/kg dry	1	0.0147	0.183	BGE2506	06/02/2023 15:42	TBB
EPA 200.8	Arsenic	N	11.3	mg/kg dry	1	0.0225	0.0915	BGE2506	06/02/2023 10:57	TBB
EPA 200.8	Beryllium	N	0.0141J	mg/kg dry	1	0.00183	0.0366	BGE2506	06/08/2023 13:22	TBB
EPA 200.8	Cadmium	N	0.524	mg/kg dry	1	0.00578	0.183	BGE2506	06/02/2023 10:57	TBB
EPA 200.8	Chromium	N	0.218V, J	mg/kg dry	1	0.0134	0.549	BGE2506	06/02/2023 10:57	TBB
EPA 200.8	Copper	N	10.8V	mg/kg dry	1	0.0159	0.183	BGE2506	06/02/2023 10:57	TBB
SW-7471B	Mercury	A	<0.0429U	mg/kg dry	1	0.0429	0.0858	BGE3654	06/07/2023 13:58	AKR
EPA 200.8	Lead	N	0.374V	mg/kg dry	1	0.0138	0.0915	BGE2506	06/02/2023 15:42	TBB
EPA 200.8	Nickel	N	3.29V	mg/kg dry	1	0.00324	0.183	BGE2506	06/02/2023 10:57	TBB
EPA 200.8	Selenium	N	1.74	mg/kg dry	1	0.201	0.366	BGE2506	06/08/2023 13:22	TBB
EPA 200.8	Thallium	N	0.00403J	mg/kg dry	1	0.00126	0.0915	BGE2506	06/02/2023 10:57	TBB
EPA 200.8	Zinc	N	112V	mg/kg dry	5	0.344	1.83	BGE2506	06/08/2023 13:25	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.9V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-3	Sample Matrix: Tissue
Lab Sample ID: 23E2848-08RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.132	mg/kg dry	1	0.00129	0.0908	BGF0506	06/09/2023 15:24	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-4  
Lab Sample ID: 23E2848-09  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	80.8V	ug/kg dry	1	21.5	21.5	BGE4170	06/05/2023 06:37	KRB
SW-8270	Di-n-butyl phthalate	A	51.9V	ug/kg dry	1	21.5	21.5	BGE4170	06/05/2023 06:37	KRB
SW-8270	Di-n-octyl phthalate	A	<21.5U	ug/kg dry	1	21.5	21.5	BGE4170	06/05/2023 06:37	KRB
SW-8270	Phenol, Total	A	829V	ug/kg dry	1	42.9	42.9	BGE4170	06/05/2023 06:37	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>12.1% S</i>	<i>60-140</i>					<i>06/05/2023 06:37</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>46.1% S</i>	<i>60-140</i>					<i>06/05/2023 06:37</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>70.3%</i>	<i>60-140</i>					<i>06/05/2023 06:37</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>76.8%</i>	<i>60-140</i>					<i>06/05/2023 06:37</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>76.3%</i>	<i>60-140</i>					<i>06/05/2023 06:37</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>45.2% S</i>	<i>60-140</i>					<i>06/05/2023 06:37</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0150U	mg/kg dry	1	0.0150	0.186	BGE2506	06/02/2023 15:47	TBB
EPA 200.8	Arsenic	N	9.07A	mg/kg dry	5	0.114	0.465	BGE2506	06/02/2023 11:05	TBB
EPA 200.8	Beryllium	N	0.0128J	mg/kg dry	1	0.00186	0.0372	BGE2506	06/08/2023 13:27	TBB
EPA 200.8	Cadmium	N	0.526	mg/kg dry	1	0.00588	0.186	BGE2506	06/02/2023 11:02	TBB
EPA 200.8	Chromium	N	0.241A, V, J	mg/kg dry	5	0.0683	2.79	BGE2506	06/02/2023 11:05	TBB
EPA 200.8	Copper	N	11.7A, V	mg/kg dry	5	0.0809	0.930	BGE2506	06/02/2023 11:05	TBB
SW-7471B	Mercury	A	<0.0452U	mg/kg dry	1	0.0452	0.0903	BGE3654	06/07/2023 14:01	AKR
EPA 200.8	Lead	N	0.444V	mg/kg dry	1	0.0140	0.0930	BGE2506	06/02/2023 15:47	TBB
EPA 200.8	Nickel	N	3.14A, V	mg/kg dry	5	0.0165	0.930	BGE2506	06/02/2023 11:05	TBB
EPA 200.8	Selenium	N	1.64	mg/kg dry	1	0.205	0.372	BGE2506	06/08/2023 13:27	TBB
EPA 200.8	Thallium	N	0.00409J	mg/kg dry	1	0.00128	0.0930	BGE2506	06/02/2023 11:02	TBB
EPA 200.8	Zinc	N	119V	mg/kg dry	5	0.349	1.86	BGE2506	06/08/2023 13:30	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.7V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-4	Sample Matrix: Tissue
Lab Sample ID: 23E2848-09RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.141	mg/kg dry	1	0.00130	0.0919	BGF0506	06/09/2023 15:26	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-5      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-10      Date Collected: 04/01/2023 11:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	85.0V	ug/kg dry	1	24.4	24.4	BGE4170	06/05/2023 07:11	KRB
SW-8270	Di-n-butyl phthalate	A	55.3V	ug/kg dry	1	24.4	24.4	BGE4170	06/05/2023 07:11	KRB
SW-8270	Di-n-octyl phthalate	A	<24.4U	ug/kg dry	1	24.4	24.4	BGE4170	06/05/2023 07:11	KRB
SW-8270	Phenol, Total	A	825V	ug/kg dry	1	48.8	48.8	BGE4170	06/05/2023 07:11	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>12.0% S</i>	<i>60-140</i>					<i>06/05/2023 07:11</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>40.5% S</i>	<i>60-140</i>					<i>06/05/2023 07:11</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>73.8%</i>	<i>60-140</i>					<i>06/05/2023 07:11</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>82.1%</i>	<i>60-140</i>					<i>06/05/2023 07:11</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>73.5%</i>	<i>60-140</i>					<i>06/05/2023 07:11</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>31.3% S</i>	<i>60-140</i>					<i>06/05/2023 07:11</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0163U	mg/kg dry	1	0.0163	0.202	BGE2506	06/02/2023 15:52	TBB
EPA 200.8	Arsenic	N	12.1	mg/kg dry	1	0.0249	0.101	BGE2506	06/15/2023 12:33	TBB
EPA 200.8	Beryllium	N	0.0115J	mg/kg dry	1	0.00202	0.0405	BGE2506	06/08/2023 13:42	TBB
EPA 200.8	Cadmium	N	0.561	mg/kg dry	1	0.00640	0.202	BGE2506	06/02/2023 11:07	TBB
EPA 200.8	Chromium	N	0.369V, J	mg/kg dry	1	0.0149	0.607	BGE2506	06/02/2023 15:52	TBB
EPA 200.8	Copper	N	13.4V	mg/kg dry	1	0.0176	0.202	BGE2506	06/02/2023 15:52	TBB
SW-7471B	Mercury	A	<0.0510U	mg/kg dry	1	0.0510	0.102	BGE3654	06/07/2023 14:05	AKR
EPA 200.8	Lead	N	0.441V	mg/kg dry	1	0.0153	0.101	BGE2506	06/02/2023 15:52	TBB
EPA 200.8	Nickel	N	3.43V	mg/kg dry	1	0.00358	0.202	BGE2506	06/02/2023 15:52	TBB
EPA 200.8	Selenium	N	1.71	mg/kg dry	1	0.223	0.405	BGE2506	06/08/2023 13:42	TBB
EPA 200.8	Thallium	N	0.00364J	mg/kg dry	1	0.00140	0.101	BGE2506	06/02/2023 11:07	TBB
EPA 200.8	Zinc	N	116V	mg/kg dry	5	0.380	2.02	BGE2506	06/08/2023 13:44	TBB

**General Chemistry**

SM 2540 G	% Solids	A	9.80V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 06/16/2023 11:07

**Sample Results**  
 (Continued)

Client Sample ID: MM-CDP-07-5  
 Lab Sample ID: 23E2848-10RE1  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.136	mg/kg dry	1	0.00143	0.100	BGF0506	06/09/2023 15:29	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-REF-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-13      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	43.8V	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 09:05	KRB
SW-8270	Phenol, Total	A	666V	ug/kg dry	1	44.9	44.9	BGE4145	06/01/2023 09:05	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>13.2% S</i>	<i>60-140</i>					<i>06/01/2023 09:05</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>52.8% S</i>	<i>60-140</i>					<i>06/01/2023 09:05</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>70.2%</i>	<i>60-140</i>					<i>06/01/2023 09:05</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>84.9%</i>	<i>60-140</i>					<i>06/01/2023 09:05</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>57.9% S</i>	<i>60-140</i>					<i>06/01/2023 09:05</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>37.9% S</i>	<i>60-140</i>					<i>06/01/2023 09:05</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0151U	mg/kg dry	1	0.0151	0.188	BGE2506	06/02/2023 16:24	TBB
EPA 200.8	Arsenic	N	12.2	mg/kg dry	1	0.0231	0.0938	BGE2506	06/02/2023 11:39	TBB
EPA 200.8	Beryllium	N	0.0137J	mg/kg dry	1	0.00188	0.0375	BGE2506	06/08/2023 14:26	TBB
EPA 200.8	Cadmium	N	0.432	mg/kg dry	1	0.00593	0.188	BGE2506	06/02/2023 11:39	TBB
EPA 200.8	Chromium	N	0.235V, J	mg/kg dry	1	0.0138	0.563	BGE2506	06/02/2023 11:39	TBB
EPA 200.8	Copper	N	9.34V	mg/kg dry	1	0.0163	0.188	BGE2506	06/02/2023 11:39	TBB
SW-7471B	Mercury	A	<0.0452U	mg/kg dry	1	0.0452	0.0904	BGE3654	06/07/2023 14:11	AKR
EPA 200.8	Lead	N	0.301V	mg/kg dry	1	0.0142	0.0938	BGE2506	06/02/2023 16:24	TBB
EPA 200.8	Nickel	N	3.25V	mg/kg dry	1	0.00332	0.188	BGE2506	06/02/2023 11:39	TBB
EPA 200.8	Selenium	N	1.59	mg/kg dry	1	0.206	0.375	BGE2506	06/08/2023 14:26	TBB
EPA 200.8	Thallium	N	0.00225J	mg/kg dry	1	0.00129	0.0938	BGE2506	06/02/2023 11:39	TBB
EPA 200.8	Zinc	N	107V	mg/kg dry	5	0.352	1.88	BGE2506	06/08/2023 14:29	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.5V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-1      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-16      Date Collected: 04/01/2023 11:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	44.5V	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 10:48	KRB
SW-8270	Phenol, Total	A	646V	ug/kg dry	1	45.1	45.1	BGE4145	06/01/2023 10:48	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>12.4% S</i>	<i>60-140</i>					<i>06/01/2023 10:48</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>55.4% S</i>	<i>60-140</i>					<i>06/01/2023 10:48</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>64.7%</i>	<i>60-140</i>					<i>06/01/2023 10:48</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>84.0%</i>	<i>60-140</i>					<i>06/01/2023 10:48</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>50.5% S</i>	<i>60-140</i>					<i>06/01/2023 10:48</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>49.1% S</i>	<i>60-140</i>					<i>06/01/2023 10:48</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0150U	mg/kg dry	1	0.0150	0.186	BGE2506	06/02/2023 16:46	TBB
EPA 200.8	Arsenic	N	9.67	mg/kg dry	1	0.0229	0.0932	BGE2506	06/02/2023 12:01	TBB
EPA 200.8	Beryllium	N	0.0116J	mg/kg dry	1	0.00186	0.0373	BGE2506	06/08/2023 14:48	TBB
EPA 200.8	Cadmium	N	0.390	mg/kg dry	1	0.00589	0.186	BGE2506	06/02/2023 12:01	TBB
EPA 200.8	Chromium	N	0.394V, J	mg/kg dry	1	0.0137	0.559	BGE2506	06/02/2023 12:01	TBB
EPA 200.8	Copper	N	9.57V	mg/kg dry	1	0.0162	0.186	BGE2506	06/02/2023 12:01	TBB
SW-7471B	Mercury	A	<0.0442U	mg/kg dry	1	0.0442	0.0884	BGE3654	06/07/2023 14:35	AKR
EPA 200.8	Lead	N	0.299V	mg/kg dry	1	0.0141	0.0932	BGE2506	06/02/2023 16:46	TBB
EPA 200.8	Nickel	N	3.57V	mg/kg dry	1	0.00330	0.186	BGE2506	06/02/2023 12:01	TBB
EPA 200.8	Selenium	N	1.71	mg/kg dry	1	0.205	0.373	BGE2506	06/08/2023 14:48	TBB
EPA 200.8	Thallium	N	0.00205J	mg/kg dry	1	0.00129	0.0932	BGE2506	06/02/2023 12:01	TBB
EPA 200.8	Zinc	N	122V	mg/kg dry	5	0.350	1.86	BGE2506	06/08/2023 14:51	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.8V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-1      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-16RE1      Date Collected: 04/01/2023 11:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	66.4V	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 21:36	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 21:36	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		13.2% S	60-140					06/05/2023 21:36	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		59.6% S	60-140					06/05/2023 21:36	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		75.3%	60-140					06/05/2023 21:36	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		99.9%	60-140					06/05/2023 21:36	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		87.3%	60-140					06/05/2023 21:36	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		73.7%	60-140					06/05/2023 21:36	

**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.147	mg/kg dry	1	0.00132	0.0929	BGF0506	06/09/2023 15:55	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-2      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-17      Date Collected: 04/01/2023 11:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	37.5V	ug/kg dry	1	20.0	20.0	BGE4145	06/01/2023 11:23	KRB
SW-8270	Phenol, Total	A	620V	ug/kg dry	1	40.0	40.0	BGE4145	06/01/2023 11:23	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>14.2% S</i>	<i>60-140</i>					<i>06/01/2023 11:23</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>54.8% S</i>	<i>60-140</i>					<i>06/01/2023 11:23</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>61.1%</i>	<i>60-140</i>					<i>06/01/2023 11:23</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>85.5%</i>	<i>60-140</i>					<i>06/01/2023 11:23</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>50.4% S</i>	<i>60-140</i>					<i>06/01/2023 11:23</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>43.6% S</i>	<i>60-140</i>					<i>06/01/2023 11:23</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0128U	mg/kg dry	1	0.0128	0.160	BGE2506	06/02/2023 16:51	TBB
EPA 200.8	Arsenic	N	9.77	mg/kg dry	1	0.0196	0.0798	BGE2506	06/02/2023 12:06	TBB
EPA 200.8	Beryllium	N	0.0145J	mg/kg dry	1	0.00160	0.0319	BGE2506	06/08/2023 14:53	TBB
EPA 200.8	Cadmium	N	0.345	mg/kg dry	1	0.00504	0.160	BGE2506	06/02/2023 12:06	TBB
EPA 200.8	Chromium	N	0.549V	mg/kg dry	1	0.0117	0.479	BGE2506	06/02/2023 12:06	TBB
EPA 200.8	Copper	N	11.3V	mg/kg dry	1	0.0139	0.160	BGE2506	06/02/2023 12:06	TBB
SW-7471B	Mercury	A	<0.0377U	mg/kg dry	1	0.0377	0.0754	BGE3654	06/07/2023 14:38	AKR
EPA 200.8	Lead	N	0.391V	mg/kg dry	1	0.0120	0.0798	BGE2506	06/02/2023 16:51	TBB
EPA 200.8	Nickel	N	3.11V	mg/kg dry	1	0.00282	0.160	BGE2506	06/02/2023 12:06	TBB
EPA 200.8	Selenium	N	1.62	mg/kg dry	1	0.176	0.319	BGE2506	06/08/2023 14:53	TBB
EPA 200.8	Thallium	N	0.00271J	mg/kg dry	1	0.00110	0.0798	BGE2506	06/02/2023 12:06	TBB
EPA 200.8	Zinc	N	106V	mg/kg dry	5	0.300	1.60	BGE2506	06/08/2023 14:56	TBB

**General Chemistry**

SM 2540 G	% Solids	A	12.4V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-2  
Lab Sample ID: 23E2848-17RE1  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	96.6V	ug/kg dry	1	20.0	20.0	BGE4145	06/05/2023 22:45	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<20.0U	ug/kg dry	1	20.0	20.0	BGE4145	06/05/2023 22:45	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		15.7% S	60-140					06/05/2023 22:45	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		62.6%	60-140					06/05/2023 22:45	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		68.5%	60-140					06/05/2023 22:45	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		99.5%	60-140					06/05/2023 22:45	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		78.0%	60-140					06/05/2023 22:45	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		80.1%	60-140					06/05/2023 22:45	

**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.140	mg/kg dry	1	0.00113	0.0798	BGF0506	06/09/2023 15:58	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-18      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	33.5V	ug/kg dry	1	20.3	20.3	BGE4145	06/01/2023 11:57	KRB
SW-8270	Phenol, Total	A	559V	ug/kg dry	1	40.5	40.5	BGE4145	06/01/2023 11:57	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>27.0% S</i>	<i>60-140</i>					<i>06/01/2023 11:57</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>68.1%</i>	<i>60-140</i>					<i>06/01/2023 11:57</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>73.9%</i>	<i>60-140</i>					<i>06/01/2023 11:57</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>87.8%</i>	<i>60-140</i>					<i>06/01/2023 11:57</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>57.9% S</i>	<i>60-140</i>					<i>06/01/2023 11:57</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>42.6% S</i>	<i>60-140</i>					<i>06/01/2023 11:57</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0141U	mg/kg dry	1	0.0141	0.176	BGE2506	06/02/2023 16:56	TBB
EPA 200.8	Arsenic	N	11.3	mg/kg dry	1	0.0216	0.0878	BGE2506	06/02/2023 12:11	TBB
EPA 200.8	Beryllium	N	0.0118J	mg/kg dry	1	0.00176	0.0351	BGE2506	06/08/2023 14:58	TBB
EPA 200.8	Cadmium	N	0.417	mg/kg dry	1	0.00555	0.176	BGE2506	06/02/2023 12:11	TBB
EPA 200.8	Chromium	N	0.282V, J	mg/kg dry	1	0.0129	0.527	BGE2506	06/02/2023 12:11	TBB
EPA 200.8	Copper	N	12.6V	mg/kg dry	1	0.0153	0.176	BGE2506	06/02/2023 12:11	TBB
SW-7471B	Mercury	A	<0.0435U	mg/kg dry	1	0.0435	0.0871	BGE3654	06/07/2023 14:41	AKR
EPA 200.8	Lead	N	0.469V	mg/kg dry	1	0.0133	0.0878	BGE2506	06/02/2023 16:56	TBB
EPA 200.8	Nickel	N	3.15V	mg/kg dry	1	0.00311	0.176	BGE2506	06/02/2023 12:11	TBB
EPA 200.8	Selenium	N	1.97	mg/kg dry	1	0.193	0.351	BGE2506	06/08/2023 14:58	TBB
EPA 200.8	Thallium	N	0.00351J	mg/kg dry	1	0.00121	0.0878	BGE2506	06/02/2023 12:11	TBB
EPA 200.8	Zinc	N	124V	mg/kg dry	5	0.330	1.76	BGE2506	06/08/2023 15:01	TBB

**General Chemistry**

SM 2540 G	% Solids	A	11.4V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-18RE1      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	65.4V	ug/kg dry	1	20.3	20.3	BGE4145	06/05/2023 23:19	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<20.3U	ug/kg dry	1	20.3	20.3	BGE4145	06/05/2023 23:19	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		27.7% S	60-140					06/05/2023 23:19	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		76.6%	60-140					06/05/2023 23:19	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		88.1%	60-140					06/05/2023 23:19	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		109%	60-140					06/05/2023 23:19	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		93.3%	60-140					06/05/2023 23:19	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		82.2%	60-140					06/05/2023 23:19	

**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.174	mg/kg dry	1	0.00122	0.0861	BGF0506	06/09/2023 16:00	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-19      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	487V	ug/kg dry	1	35.0	35.0	BGE4170	06/05/2023 07:46	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>3.06% S</i>	<i>60-140</i>					<i>06/05/2023 07:46</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>48.4% S</i>	<i>60-140</i>					<i>06/05/2023 07:46</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>60.2%</i>	<i>60-140</i>					<i>06/05/2023 07:46</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0146J	mg/kg dry	1	0.0119	0.147	BGE2506	06/02/2023 17:01	TBB
EPA 200.8	Arsenic	N	14.7	mg/kg dry	5	0.0906	0.368	BGE2506	06/02/2023 12:18	TBB
EPA 200.8	Beryllium	N	0.00250J	mg/kg dry	1	0.00147	0.0295	BGE2506	06/08/2023 15:03	TBB
EPA 200.8	Cadmium	N	0.210	mg/kg dry	1	0.00465	0.147	BGE2506	06/02/2023 12:16	TBB
EPA 200.8	Chromium	N	0.517V	mg/kg dry	1	0.0108	0.442	BGE2506	06/02/2023 12:16	TBB
EPA 200.8	Copper	N	7.64V	mg/kg dry	1	0.0128	0.147	BGE2506	06/02/2023 12:16	TBB
SW-7471B	Mercury	A	0.0396J	mg/kg dry	1	0.0349	0.0699	BGE3654	06/07/2023 14:45	AKR
EPA 200.8	Lead	N	0.526V	mg/kg dry	1	0.0111	0.0736	BGE2506	06/02/2023 17:01	TBB
EPA 200.8	Nickel	N	1.10V	mg/kg dry	1	0.00261	0.147	BGE2506	06/02/2023 12:16	TBB
EPA 200.8	Selenium	N	2.24	mg/kg dry	1	0.162	0.295	BGE2506	06/08/2023 15:03	TBB
EPA 200.8	Thallium	N	0.00162J	mg/kg dry	1	0.00102	0.0736	BGE2506	06/02/2023 12:16	TBB
EPA 200.8	Zinc	N	62.1V	mg/kg dry	5	0.277	1.47	BGE2506	06/08/2023 15:06	TBB

**General Chemistry**

SM 2540 G	% Solids	A	13.6V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-1	Sample Matrix: Tissue
Lab Sample ID: 23E2848-19RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.106	mg/kg dry	1	0.00101	0.0711	BGF0506	06/09/2023 16:03	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-20      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	379V	ug/kg dry	1	35.3	35.3	BGE4170	06/05/2023 08:21	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		4.28% S	60-140					06/05/2023 08:21	
SW-8270	Surrogate: 2-Fluorophenol-surr		58.4% S	60-140					06/05/2023 08:21	
SW-8270	Surrogate: Phenol-d5-surr		64.0%	60-140					06/05/2023 08:21	

**Metals, Total**

EPA 200.8	Antimony	N	0.0170J	mg/kg dry	1	0.0115	0.143	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Arsenic	N	14.8	mg/kg dry	5	0.0880	0.358	BGE2507	06/06/2023 15:41	TBB
EPA 200.8	Beryllium	N	0.00658J	mg/kg dry	1	0.00143	0.0286	BGE2507	06/07/2023 12:11	TBB
EPA 200.8	Cadmium	N	0.216	mg/kg dry	1	0.00452	0.143	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Chromium	N	0.830V	mg/kg dry	1	0.0105	0.429	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Copper	N	8.59V	mg/kg dry	1	0.0124	0.143	BGE2507	06/06/2023 15:39	TBB
SW-7471B	Mercury	A	<0.0352U	mg/kg dry	1	0.0352	0.0703	BGE3654	06/07/2023 14:48	AKR
EPA 200.8	Lead	N	0.674	mg/kg dry	1	0.0108	0.0715	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Nickel	N	1.23V	mg/kg dry	1	0.00253	0.143	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Selenium	N	2.15	mg/kg dry	1	0.157	0.286	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Thallium	N	0.00243J	mg/kg dry	1	0.000987	0.0715	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Zinc	N	360	mg/kg dry	20	1.07	5.72	BGE2507	06/08/2023 15:08	TBB

**General Chemistry**

SM 2540 G	% Solids	A	14.0V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-2	Sample Matrix: Tissue
Lab Sample ID: 23E2848-20RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.151	mg/kg dry	1	0.000992	0.0698	BGF0507	06/09/2023 16:27	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-3  
Lab Sample ID: 23E2848-21  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	519V	ug/kg dry	1	38.5	38.5	BGE4170	06/05/2023 08:55	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		35.0% S	60-140					06/05/2023 08:55	
SW-8270	Surrogate: 2-Fluorophenol-surr		73.4%	60-140					06/05/2023 08:55	
SW-8270	Surrogate: Phenol-d5-surr		79.3%	60-140					06/05/2023 08:55	

**Metals, Total**

EPA 200.8	Antimony	N	0.0165J	mg/kg dry	1	0.0133	0.165	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Arsenic	N	14.4	mg/kg dry	1	0.0203	0.0824	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Beryllium	N	0.00807J	mg/kg dry	1	0.00165	0.0329	BGE2507	06/07/2023 12:26	TBB
EPA 200.8	Cadmium	N	0.185	mg/kg dry	1	0.00520	0.165	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Chromium	N	0.950V	mg/kg dry	1	0.0121	0.494	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Copper	N	9.62V	mg/kg dry	1	0.0143	0.165	BGE2507	06/06/2023 15:53	TBB
SW-7471B	Mercury	A	<0.0391U	mg/kg dry	1	0.0391	0.0781	BGE3655	06/08/2023 15:28	AKR
EPA 200.8	Lead	N	0.655	mg/kg dry	1	0.0124	0.0824	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Nickel	N	1.31V	mg/kg dry	1	0.00292	0.165	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Selenium	N	1.94	mg/kg dry	1	0.181	0.329	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Thallium	N	0.00280J	mg/kg dry	1	0.00114	0.0824	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Zinc	N	57.4	mg/kg dry	1	0.0618	0.329	BGE2507	06/06/2023 15:53	TBB

**General Chemistry**

SM 2540 G	% Solids	A	12.2V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-3	Sample Matrix: Tissue
Lab Sample ID: 23E2848-21RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.109	mg/kg dry	1	0.00115	0.0807	BGF0507	06/09/2023 16:12	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-22      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	514V	ug/kg dry	1	35.9	35.9	BGE4170	06/05/2023 09:30	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>4.37% S</i>	<i>60-140</i>					<i>06/05/2023 09:30</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>51.2% S</i>	<i>60-140</i>					<i>06/05/2023 09:30</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>59.2% S</i>	<i>60-140</i>					<i>06/05/2023 09:30</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0167J	mg/kg dry	1	0.0123	0.153	BGE2507	06/07/2023 12:39	TBB
EPA 200.8	Arsenic	N	14.4	mg/kg dry	5	0.0942	0.383	BGE2507	06/07/2023 12:41	TBB
EPA 200.8	Beryllium	N	0.00751J	mg/kg dry	1	0.00153	0.0306	BGE2507	06/07/2023 12:39	TBB
EPA 200.8	Cadmium	N	0.218	mg/kg dry	1	0.00484	0.153	BGE2507	06/07/2023 12:39	TBB
EPA 200.8	Chromium	N	0.802A, V, J	mg/kg dry	5	0.0563	2.30	BGE2507	06/07/2023 12:41	TBB
EPA 200.8	Copper	N	8.35V	mg/kg dry	5	0.0667	0.766	BGE2507	06/07/2023 12:41	TBB
SW-7471B	Mercury	A	<0.0377U	mg/kg dry	1	0.0377	0.0754	BGE3655	06/08/2023 15:18	AKR
EPA 200.8	Lead	N	0.616	mg/kg dry	1	0.0116	0.0766	BGE2507	06/07/2023 12:39	TBB
EPA 200.8	Nickel	N	1.16V	mg/kg dry	5	0.0136	0.766	BGE2507	06/07/2023 12:41	TBB
EPA 200.8	Selenium	N	1.74	mg/kg dry	5	0.843	1.53	BGE2507	06/07/2023 12:41	TBB
EPA 200.8	Thallium	N	0.00276J	mg/kg dry	1	0.00106	0.0766	BGE2507	06/07/2023 12:39	TBB
EPA 200.8	Zinc	N	59.9	mg/kg dry	5	0.288	1.53	BGE2507	06/07/2023 12:41	TBB

**General Chemistry**

SM 2540 G	% Solids	A	13.1V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-4	Sample Matrix: Tissue
Lab Sample ID: 23E2848-22RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.110	mg/kg dry	1	0.00108	0.0763	BGF0507	06/09/2023 16:29	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-23      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	384V	ug/kg dry	1	35.8	35.8	BGE4170	06/05/2023 10:39	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>8.98% S</i>	<i>60-140</i>					<i>06/05/2023 10:39</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>74.3%</i>	<i>60-140</i>					<i>06/05/2023 10:39</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>84.6%</i>	<i>60-140</i>					<i>06/05/2023 10:39</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0174J	mg/kg dry	1	0.0116	0.144	BGE2507	06/07/2023 12:44	TBB
EPA 200.8	Arsenic	N	14.0	mg/kg dry	10	0.177	0.719	BGE2507	06/07/2023 12:46	TBB
EPA 200.8	Beryllium	N	0.0114J	mg/kg dry	1	0.00144	0.0288	BGE2507	06/07/2023 12:44	TBB
EPA 200.8	Cadmium	N	0.169	mg/kg dry	1	0.00454	0.144	BGE2507	06/07/2023 12:44	TBB
EPA 200.8	Chromium	N	0.773A, V, J	mg/kg dry	10	0.106	4.31	BGE2507	06/07/2023 12:46	TBB
EPA 200.8	Copper	N	7.43V	mg/kg dry	10	0.125	1.44	BGE2507	06/07/2023 12:46	TBB
SW-7471B	Mercury	A	<0.0345U	mg/kg dry	1	0.0345	0.0690	BGE3655	06/08/2023 15:55	AKR
EPA 200.8	Lead	N	0.625	mg/kg dry	1	0.0109	0.0719	BGE2507	06/07/2023 12:44	TBB
EPA 200.8	Nickel	N	1.37A, V, J	mg/kg dry	10	0.0254	1.44	BGE2507	06/07/2023 12:46	TBB
EPA 200.8	Selenium	N	1.66A, J	mg/kg dry	10	1.58	2.88	BGE2507	06/07/2023 12:46	TBB
EPA 200.8	Thallium	N	0.00230J	mg/kg dry	1	0.000992	0.0719	BGE2507	06/07/2023 12:44	TBB
EPA 200.8	Zinc	N	239	mg/kg dry	10	0.540	2.88	BGE2507	06/07/2023 12:46	TBB

**General Chemistry**

SM 2540 G	% Solids	A	13.8V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-5	Sample Matrix: Tissue
Lab Sample ID: 23E2848-23RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0936	mg/kg dry	1	0.00103	0.0725	BGF0507	06/09/2023 16:31	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-1  
Lab Sample ID: 23E2848-24  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	27.8V	ug/kg dry	1	16.6	16.6	BGE4170	06/05/2023 11:13	KRB
SW-8270	Di-n-butyl phthalate	A	29.4V	ug/kg dry	1	16.6	16.6	BGE4170	06/05/2023 11:13	KRB
SW-8270	Di-n-octyl phthalate	A	<16.6U	ug/kg dry	1	16.6	16.6	BGE4170	06/05/2023 11:13	KRB
SW-8270	Phenol, Total	A	614V	ug/kg dry	1	33.2	33.2	BGE4170	06/05/2023 11:13	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>2.01% S</i>	<i>60-140</i>					<i>06/05/2023 11:13</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>31.6% S</i>	<i>60-140</i>					<i>06/05/2023 11:13</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>51.4% S</i>	<i>60-140</i>					<i>06/05/2023 11:13</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>66.1%</i>	<i>60-140</i>					<i>06/05/2023 11:13</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>67.4%</i>	<i>60-140</i>					<i>06/05/2023 11:13</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>25.5% S</i>	<i>60-140</i>					<i>06/05/2023 11:13</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0220J	mg/kg dry	1	0.0114	0.142	BGE2507	06/07/2023 12:49	TBB
EPA 200.8	Arsenic	N	16.0	mg/kg dry	5	0.0872	0.355	BGE2507	06/08/2023 15:20	TBB
EPA 200.8	Beryllium	N	0.00610J	mg/kg dry	1	0.00142	0.0284	BGE2507	06/07/2023 12:49	TBB
EPA 200.8	Cadmium	N	0.215	mg/kg dry	1	0.00448	0.142	BGE2507	06/07/2023 12:49	TBB
EPA 200.8	Chromium	N	1.36V	mg/kg dry	1	0.0104	0.426	BGE2507	06/08/2023 15:18	TBB
EPA 200.8	Copper	N	19.8V	mg/kg dry	1	0.0123	0.142	BGE2507	06/08/2023 15:18	TBB
SW-7471B	Mercury	A	<0.0347U	mg/kg dry	1	0.0347	0.0695	BGE3655	06/08/2023 15:31	AKR
EPA 200.8	Lead	N	0.990	mg/kg dry	1	0.0107	0.0709	BGE2507	06/07/2023 12:49	TBB
EPA 200.8	Nickel	N	1.28V	mg/kg dry	1	0.00251	0.142	BGE2507	06/08/2023 15:18	TBB
EPA 200.8	Selenium	N	2.28	mg/kg dry	1	0.156	0.284	BGE2507	06/08/2023 15:18	TBB
EPA 200.8	Thallium	N	0.00255J	mg/kg dry	1	0.000979	0.0709	BGE2507	06/07/2023 12:49	TBB
EPA 200.8	Zinc	N	68.1	mg/kg dry	5	0.266	1.42	BGE2507	06/08/2023 15:20	TBB

**General Chemistry**

SM 2540 G	% Solids	A	14.0V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-1	Sample Matrix: Tissue
Lab Sample ID: 23E2848-24RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0832	mg/kg dry	1	0.00100	0.0706	BGF0507	06/09/2023 16:34	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-2      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-25      Date Collected: 04/01/2023 13:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	47.6V	ug/kg dry	1	17.1	17.1	BGE4170	06/05/2023 11:48	KRB
SW-8270	Di-n-butyl phthalate	A	51.2V	ug/kg dry	1	17.1	17.1	BGE4170	06/05/2023 11:48	KRB
SW-8270	Di-n-octyl phthalate	A	<17.1U	ug/kg dry	1	17.1	17.1	BGE4170	06/05/2023 11:48	KRB
SW-8270	Phenol, Total	A	610V	ug/kg dry	1	34.3	34.3	BGE4170	06/05/2023 11:48	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>2.05% S</i>	<i>60-140</i>					<i>06/05/2023 11:48</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>26.4% S</i>	<i>60-140</i>					<i>06/05/2023 11:48</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>53.7% S</i>	<i>60-140</i>					<i>06/05/2023 11:48</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>61.1%</i>	<i>60-140</i>					<i>06/05/2023 11:48</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>67.3%</i>	<i>60-140</i>					<i>06/05/2023 11:48</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>21.7% S</i>	<i>60-140</i>					<i>06/05/2023 11:48</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0233J	mg/kg dry	1	0.0117	0.145	BGE2507	06/07/2023 12:54	TBB
EPA 200.8	Arsenic	N	15.4	mg/kg dry	10	0.179	0.727	BGE2507	06/07/2023 12:59	TBB
EPA 200.8	Beryllium	N	0.00378J	mg/kg dry	1	0.00145	0.0291	BGE2507	06/07/2023 12:54	TBB
EPA 200.8	Cadmium	N	0.212	mg/kg dry	1	0.00459	0.145	BGE2507	06/07/2023 12:54	TBB
EPA 200.8	Chromium	N	1.22A, V, J	mg/kg dry	10	0.107	4.36	BGE2507	06/07/2023 12:59	TBB
EPA 200.8	Copper	N	22.9V	mg/kg dry	10	0.126	1.45	BGE2507	06/07/2023 12:59	TBB
SW-7471B	Mercury	A	<0.0360U	mg/kg dry	1	0.0360	0.0721	BGE3655	06/08/2023 15:35	AKR
EPA 200.8	Lead	N	1.03	mg/kg dry	1	0.0110	0.0727	BGE2507	06/07/2023 12:54	TBB
EPA 200.8	Nickel	N	1.31A, V, J	mg/kg dry	10	0.0257	1.45	BGE2507	06/07/2023 12:59	TBB
EPA 200.8	Selenium	N	1.95A, J	mg/kg dry	10	1.60	2.91	BGE2507	06/07/2023 12:59	TBB
EPA 200.8	Thallium	N	0.00204J	mg/kg dry	1	0.00100	0.0727	BGE2507	06/07/2023 12:54	TBB
EPA 200.8	Zinc	N	137	mg/kg dry	10	0.546	2.91	BGE2507	06/07/2023 12:59	TBB

**General Chemistry**

SM 2540 G	% Solids	A	13.8V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-2	Sample Matrix: Tissue
Lab Sample ID: 23E2848-25RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.111	mg/kg dry	1	0.00103	0.0724	BGF0507	06/09/2023 16:36	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-3      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-26      Date Collected: 04/01/2023 13:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	31.6V	ug/kg dry	1	17.4	17.4	BGE4170	06/05/2023 12:23	KRB
SW-8270	Di-n-butyl phthalate	A	25.5V	ug/kg dry	1	17.4	17.4	BGE4170	06/05/2023 12:23	KRB
SW-8270	Di-n-octyl phthalate	A	<17.4U	ug/kg dry	1	17.4	17.4	BGE4170	06/05/2023 12:23	KRB
SW-8270	Phenol, Total	A	377V	ug/kg dry	1	34.9	34.9	BGE4170	06/05/2023 12:23	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>6.27% S</i>	<i>60-140</i>					<i>06/05/2023 12:23</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>28.5% S</i>	<i>60-140</i>					<i>06/05/2023 12:23</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>62.2%</i>	<i>60-140</i>					<i>06/05/2023 12:23</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>73.3%</i>	<i>60-140</i>					<i>06/05/2023 12:23</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>65.3%</i>	<i>60-140</i>					<i>06/05/2023 12:23</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>22.8% S</i>	<i>60-140</i>					<i>06/05/2023 12:23</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0269J	mg/kg dry	1	0.0115	0.143	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Arsenic	N	15.9	mg/kg dry	10	0.175	0.713	BGE2507	06/07/2023 13:14	TBB
EPA 200.8	Beryllium	N	0.00699J	mg/kg dry	1	0.00143	0.0285	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Cadmium	N	0.212	mg/kg dry	1	0.00450	0.143	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Chromium	N	2.26V	mg/kg dry	1	0.0105	0.428	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Copper	N	24.5V	mg/kg dry	1	0.0124	0.143	BGE2507	06/07/2023 13:09	TBB
SW-7471B	Mercury	A	<0.0353U	mg/kg dry	1	0.0353	0.0707	BGE3655	06/08/2023 15:38	AKR
EPA 200.8	Lead	N	1.09	mg/kg dry	1	0.0108	0.0713	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Nickel	N	1.36V	mg/kg dry	1	0.00252	0.143	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Selenium	N	2.25	mg/kg dry	1	0.157	0.285	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Thallium	N	0.00257J	mg/kg dry	1	0.000984	0.0713	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Zinc	N	71.5	mg/kg dry	10	0.535	2.85	BGE2507	06/07/2023 13:14	TBB

**General Chemistry**

SM 2540 G	% Solids	A	14.0V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-3	Sample Matrix: Tissue
Lab Sample ID: 23E2848-26RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.112	mg/kg dry	1	0.000996	0.0702	BGF0507	06/09/2023 16:39	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-4  
Lab Sample ID: 23E2848-27  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	<16.9U, B	ug/kg dry	1	16.9	16.9	BGE4170	06/05/2023 12:57	KRB
SW-8270	Di-n-butyl phthalate	A	61.7V	ug/kg dry	1	16.9	16.9	BGE4170	06/05/2023 12:57	KRB
SW-8270	Di-n-octyl phthalate	A	<16.9U	ug/kg dry	1	16.9	16.9	BGE4170	06/05/2023 12:57	KRB
SW-8270	Phenol, Total	A	487V	ug/kg dry	1	33.7	33.7	BGE4170	06/05/2023 12:57	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>37.1% S</i>	<i>60-140</i>					<i>06/05/2023 12:57</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>42.5% S</i>	<i>60-140</i>					<i>06/05/2023 12:57</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>81.8%</i>	<i>60-140</i>					<i>06/05/2023 12:57</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>86.8%</i>	<i>60-140</i>					<i>06/05/2023 12:57</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>77.4%</i>	<i>60-140</i>					<i>06/05/2023 12:57</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>23.4% S</i>	<i>60-140</i>					<i>06/05/2023 12:57</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0209J	mg/kg dry	1	0.0110	0.137	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Arsenic	N	14.4	mg/kg dry	10	0.168	0.684	BGE2507	06/07/2023 13:21	TBB
EPA 200.8	Beryllium	N	0.00424J	mg/kg dry	1	0.00137	0.0274	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Cadmium	N	0.194	mg/kg dry	1	0.00432	0.137	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Chromium	N	1.52V	mg/kg dry	1	0.0101	0.411	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Copper	N	19.8V	mg/kg dry	1	0.0119	0.137	BGE2507	06/07/2023 13:16	TBB
SW-7471B	Mercury	A	<0.0328U	mg/kg dry	1	0.0328	0.0657	BGE3655	06/08/2023 15:41	AKR
EPA 200.8	Lead	N	0.924	mg/kg dry	1	0.0103	0.0684	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Nickel	N	1.15V	mg/kg dry	1	0.00242	0.137	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Selenium	N	2.16	mg/kg dry	1	0.151	0.274	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Thallium	N	0.00192J	mg/kg dry	1	0.000944	0.0684	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Zinc	N	63.7	mg/kg dry	10	0.514	2.74	BGE2507	06/07/2023 13:21	TBB

**General Chemistry**

SM 2540 G	% Solids	A	14.6V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-4	Sample Matrix: Tissue
Lab Sample ID: 23E2848-27RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0976	mg/kg dry	1	0.000960	0.0676	BGF0507	06/09/2023 16:41	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-5      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-28      Date Collected: 04/01/2023 13:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	32.1V	ug/kg dry	1	16.6	16.6	BGE4170	06/05/2023 13:32	KRB
SW-8270	Di-n-butyl phthalate	A	28.7V	ug/kg dry	1	16.6	16.6	BGE4170	06/05/2023 13:32	KRB
SW-8270	Di-n-octyl phthalate	A	<16.6U	ug/kg dry	1	16.6	16.6	BGE4170	06/05/2023 13:32	KRB
SW-8270	Phenol, Total	A	524V	ug/kg dry	1	33.3	33.3	BGE4170	06/05/2023 13:32	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>1.60% S</i>	<i>60-140</i>					<i>06/05/2023 13:32</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>13.6% S</i>	<i>60-140</i>					<i>06/05/2023 13:32</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>43.3% S</i>	<i>60-140</i>					<i>06/05/2023 13:32</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>51.2% S</i>	<i>60-140</i>					<i>06/05/2023 13:32</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>54.5% S</i>	<i>60-140</i>					<i>06/05/2023 13:32</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>13.2% S</i>	<i>60-140</i>					<i>06/05/2023 13:32</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0160J	mg/kg dry	1	0.0114	0.142	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Arsenic	N	14.8	mg/kg dry	10	0.174	0.709	BGE2507	06/07/2023 13:29	TBB
EPA 200.8	Beryllium	N	0.00312J	mg/kg dry	1	0.00142	0.0284	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Cadmium	N	0.177	mg/kg dry	1	0.00448	0.142	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Chromium	N	0.683V	mg/kg dry	1	0.0104	0.426	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Copper	N	13.2V	mg/kg dry	1	0.0123	0.142	BGE2507	06/07/2023 13:24	TBB
SW-7471B	Mercury	A	<0.0353U	mg/kg dry	1	0.0353	0.0706	BGE3655	06/08/2023 15:45	AKR
EPA 200.8	Lead	N	0.651	mg/kg dry	1	0.0107	0.0709	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Nickel	N	0.973V	mg/kg dry	1	0.00251	0.142	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Selenium	N	2.32	mg/kg dry	1	0.156	0.284	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Thallium	N	0.00184J	mg/kg dry	1	0.000979	0.0709	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Zinc	N	240	mg/kg dry	10	0.533	2.84	BGE2507	06/07/2023 13:29	TBB

**General Chemistry**

SM 2540 G	% Solids	A	14.2V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-5	Sample Matrix: Tissue
Lab Sample ID: 23E2848-28RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0888	mg/kg dry	1	0.00101	0.0709	BGF0507	06/09/2023 16:44	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-REF-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-29      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	38.4V	ug/kg dry	1	16.2	16.2	BGE4145	06/01/2023 12:32	KRB
SW-8270	Phenol, Total	A	350V	ug/kg dry	1	32.5	32.5	BGE4145	06/01/2023 12:32	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>5.72% S</i>	<i>60-140</i>					<i>06/01/2023 12:32</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>26.8% S</i>	<i>60-140</i>					<i>06/01/2023 12:32</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>51.7% S</i>	<i>60-140</i>					<i>06/01/2023 12:32</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>58.0% S</i>	<i>60-140</i>					<i>06/01/2023 12:32</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>38.6% S</i>	<i>60-140</i>					<i>06/01/2023 12:32</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>26.9% S</i>	<i>60-140</i>					<i>06/01/2023 12:32</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0183J	mg/kg dry	1	0.0111	0.138	BGE2507	06/07/2023 13:31	TBB
EPA 200.8	Arsenic	N	14.3	mg/kg dry	5	0.0850	0.346	BGE2507	06/07/2023 13:41	TBB
EPA 200.8	Beryllium	N	0.00470J	mg/kg dry	1	0.00138	0.0277	BGE2507	06/07/2023 13:31	TBB
EPA 200.8	Cadmium	N	0.182	mg/kg dry	1	0.00437	0.138	BGE2507	06/07/2023 13:31	TBB
EPA 200.8	Chromium	N	0.868V	mg/kg dry	1	0.0102	0.415	BGE2507	06/07/2023 13:31	TBB
EPA 200.8	Copper	N	12.7V	mg/kg dry	1	0.0120	0.138	BGE2507	06/07/2023 13:31	TBB
SW-7471B	Mercury	A	<0.0322U	mg/kg dry	1	0.0322	0.0643	BGE3655	06/08/2023 16:05	AKR
EPA 200.8	Lead	N	0.732	mg/kg dry	1	0.0104	0.0691	BGE2507	06/07/2023 13:31	TBB
EPA 200.8	Nickel	N	1.10V	mg/kg dry	1	0.00245	0.138	BGE2507	06/07/2023 13:31	TBB
EPA 200.8	Selenium	N	2.08	mg/kg dry	1	0.152	0.277	BGE2507	06/07/2023 13:31	TBB
EPA 200.8	Thallium	N	0.00207J	mg/kg dry	1	0.000954	0.0691	BGE2507	06/07/2023 13:31	TBB
EPA 200.8	Zinc	N	56.9	mg/kg dry	5	0.260	1.38	BGE2507	06/07/2023 13:41	TBB

**General Chemistry**

SM 2540 G	% Solids	A	14.5V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-1  
Lab Sample ID: 23E2848-34  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	170V	ug/kg dry	1	19.2	19.2	BGE4145	06/01/2023 15:59	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		23.8% S	60-140					06/01/2023 15:59	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		65.0%	60-140					06/01/2023 15:59	
SW-8270	Surrogate: 2-Fluorophenol-surr		90.5%	60-140					06/01/2023 15:59	
SW-8270	Surrogate: Nitrobenzene-d5-surr		96.6%	60-140					06/01/2023 15:59	
SW-8270	Surrogate: Phenol-d5-surr		132%	60-140					06/01/2023 15:59	
SW-8270	Surrogate: p-Terphenyl-d14-surr		10.5% S	60-140					06/01/2023 15:59	

**Metals, Total**

EPA 200.8	Antimony	N	0.0195J	mg/kg dry	1	0.0127	0.158	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Arsenic	N	16.8	mg/kg dry	10	0.195	0.792	BGE2507	06/07/2023 14:50	TBB
EPA 200.8	Beryllium	N	0.00475J	mg/kg dry	1	0.00158	0.0317	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Cadmium	N	0.195	mg/kg dry	1	0.00500	0.158	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Chromium	N	0.698V	mg/kg dry	1	0.0116	0.475	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Copper	N	15.0V	mg/kg dry	1	0.0138	0.158	BGE2507	06/07/2023 14:45	TBB
SW-7471B	Mercury	A	<0.0367U	mg/kg dry	1	0.0367	0.0734	BGE3655	06/08/2023 16:21	AKR
EPA 200.8	Lead	N	0.533	mg/kg dry	1	0.0120	0.0792	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Nickel	N	1.43V	mg/kg dry	1	0.00280	0.158	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Selenium	N	2.93	mg/kg dry	1	0.174	0.317	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Thallium	N	0.00238J	mg/kg dry	1	0.00109	0.0792	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Zinc	N	359	mg/kg dry	10	0.595	3.17	BGE2507	06/07/2023 14:50	TBB

**General Chemistry**

SM 2540 G	% Solids	A	12.7V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-34RE1      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
<b>Semivolatile Organic Compounds by GCMS</b>										
SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	<38.4U, B	ug/kg dry	2	38.4	38.4	BGE4145	06/10/2023 04:42	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<38.4U	ug/kg dry	2	38.4	38.4	BGE4145	06/10/2023 04:42	KRB
SW-8270	Phenol, Total (Rerun)	A	616V	ug/kg dry	2	76.9	76.9	BGE4145	06/10/2023 04:42	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		28.9% S	60-140					06/10/2023 04:42	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		68.5%	60-140					06/10/2023 04:42	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		79.6%	60-140					06/10/2023 04:42	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		111%	60-140					06/10/2023 04:42	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		94.8%	60-140					06/10/2023 04:42	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		11.9% S	60-140					06/10/2023 04:42	
<b>Metals, Total</b>										
EPA 200.8	Silver (Rerun)	N	0.185	mg/kg dry	1	0.00112	0.0785	BGF0507	06/09/2023 17:10	TBB

Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-2  
Lab Sample ID: 23E2848-35  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	103V	ug/kg dry	1	18.8	18.8	BGE4145	06/01/2023 16:33	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>16.1% S</i>	<i>60-140</i>					<i>06/01/2023 16:33</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>58.8% S</i>	<i>60-140</i>					<i>06/01/2023 16:33</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>70.2%</i>	<i>60-140</i>					<i>06/01/2023 16:33</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>90.1%</i>	<i>60-140</i>					<i>06/01/2023 16:33</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>112%</i>	<i>60-140</i>					<i>06/01/2023 16:33</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>8.78% S</i>	<i>60-140</i>					<i>06/01/2023 16:33</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0206J	mg/kg dry	1	0.0122	0.151	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Arsenic	N	14.1	mg/kg dry	5	0.0931	0.378	BGE2507	06/07/2023 14:55	TBB
EPA 200.8	Beryllium	N	0.0133J	mg/kg dry	1	0.00151	0.0303	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Cadmium	N	0.159	mg/kg dry	1	0.00478	0.151	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Chromium	N	1.19V	mg/kg dry	1	0.0111	0.454	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Copper	N	11.2V	mg/kg dry	1	0.0132	0.151	BGE2507	06/07/2023 14:53	TBB
SW-7471B	Mercury	A	<0.0360U	mg/kg dry	1	0.0360	0.0721	BGE3655	06/08/2023 16:25	AKR
EPA 200.8	Lead	N	0.734	mg/kg dry	1	0.0114	0.0757	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Nickel	N	1.52V	mg/kg dry	1	0.00268	0.151	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Selenium	N	2.23	mg/kg dry	1	0.166	0.303	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Thallium	N	0.00409J	mg/kg dry	1	0.00104	0.0757	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Zinc	N	149	mg/kg dry	5	0.284	1.51	BGE2507	06/07/2023 14:55	TBB

**General Chemistry**

SM 2540 G	% Solids	A	13.2V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-2      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-35RE1      Date Collected: 04/01/2023 13:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	<37.7U, B	ug/kg dry	2	37.7	37.7	BGE4145	06/10/2023 05:17	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<37.7U	ug/kg dry	2	37.7	37.7	BGE4145	06/10/2023 05:17	KRB
SW-8270	Phenol, Total (Rerun)	A	822V	ug/kg dry	2	75.4	75.4	BGE4145	06/10/2023 05:17	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		20.0% S	60-140					06/10/2023 05:17	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		74.5%	60-140					06/10/2023 05:17	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		52.5% S	60-140					06/10/2023 05:17	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		106%	60-140					06/10/2023 05:17	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		91.1%	60-140					06/10/2023 05:17	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		11.7% S	60-140					06/10/2023 05:17	

**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.191	mg/kg dry	1	0.00106	0.0745	BGF0507	06/09/2023 17:13	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-36      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	24.9V	ug/kg dry	1	17.4	17.4	BGE4145	06/01/2023 17:08	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>7.23% S</i>	<i>60-140</i>					<i>06/01/2023 17:08</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>50.6% S</i>	<i>60-140</i>					<i>06/01/2023 17:08</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>83.7%</i>	<i>60-140</i>					<i>06/01/2023 17:08</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>102%</i>	<i>60-140</i>					<i>06/01/2023 17:08</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>125%</i>	<i>60-140</i>					<i>06/01/2023 17:08</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>26.0% S</i>	<i>60-140</i>					<i>06/01/2023 17:08</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0199J	mg/kg dry	1	0.0115	0.143	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Arsenic	N	16.2	mg/kg dry	5	0.0881	0.358	BGE2507	06/07/2023 15:03	TBB
EPA 200.8	Beryllium	N	0.0116J	mg/kg dry	1	0.00143	0.0286	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Cadmium	N	0.190	mg/kg dry	1	0.00453	0.143	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Chromium	N	1.00V	mg/kg dry	1	0.0105	0.430	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Copper	N	11.3V	mg/kg dry	1	0.0125	0.143	BGE2507	06/07/2023 15:00	TBB
SW-7471B	Mercury	A	<0.0346U	mg/kg dry	1	0.0346	0.0693	BGE3655	06/08/2023 16:35	AKR
EPA 200.8	Lead	N	0.817	mg/kg dry	1	0.0108	0.0716	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Nickel	N	1.33V	mg/kg dry	1	0.00253	0.143	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Selenium	N	2.56	mg/kg dry	1	0.158	0.286	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Thallium	N	0.00401J	mg/kg dry	1	0.000988	0.0716	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Zinc	N	119	mg/kg dry	5	0.269	1.43	BGE2507	06/07/2023 15:03	TBB

**General Chemistry**

SM 2540 G	% Solids	A	13.9V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-36RE1      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	329V	ug/kg dry	2	34.8	34.8	BGE4145	06/10/2023 05:52	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<34.8U	ug/kg dry	2	34.8	34.8	BGE4145	06/10/2023 05:52	KRB
SW-8270	Phenol, Total (Rerun)	A	647V	ug/kg dry	2	69.7	69.7	BGE4145	06/10/2023 05:52	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		11.0% S	60-140					06/10/2023 05:52	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		60.6%	60-140					06/10/2023 05:52	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		57.7% S	60-140					06/10/2023 05:52	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		94.2%	60-140					06/10/2023 05:52	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		71.1%	60-140					06/10/2023 05:52	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		37.9% S	60-140					06/10/2023 05:52	

**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.145	mg/kg dry	1	0.00101	0.0713	BGF0507	06/09/2023 17:15	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

### Quality Control

#### Semivolatile Organic Compounds by GCMS

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE4145 - SW-3570</b>										
<b>MB SV BT (BGE4145-BLK1)</b>										
Prepared: 5/25/2023 Analyzed: 6/1/2023										
Di-n-butyl phthalate	3.59		2.36	ug/kg wet						
Surrogate: 2-Fluorobiphenyl-surr			55.7	ug/kg wet	75.6		73.6	60-140		
Surrogate: Nitrobenzene-d5-surr			62.4	ug/kg wet	75.6		82.5	60-140		
Surrogate: p-Terphenyl-d14-surr			49.2	ug/kg wet	75.6		65.1	60-140		
<b>Blank (BGE4145-BLK2)</b>										
Prepared: 5/25/2023 Analyzed: 6/5/2023										
Bis(2-ethylhexyl )phthalate	8.93		2.36	ug/kg wet						
Surrogate: 2-Fluorobiphenyl-surr			59.4	ug/kg wet	75.6		78.5	60-140		
Surrogate: Nitrobenzene-d5-surr			78.2	ug/kg wet	75.6		103	60-140		
Surrogate: p-Terphenyl-d14-surr			53.3	ug/kg wet	75.6		70.5	60-140		
<b>BS SV BT/IDOC1 (BGE4145-BS1)</b>										
Prepared: 5/25/2023 Analyzed: 6/1/2023										
Di-n-butyl phthalate	51.4		2.48	ug/kg wet	79.2		64.9	60-140		
Surrogate: 2-Fluorobiphenyl-surr			52.0	ug/kg wet	79.2		65.7	60-140		
Surrogate: Nitrobenzene-d5-surr			54.9	ug/kg wet	79.2		69.3	60-140		
Surrogate: p-Terphenyl-d14-surr	S		31.2	ug/kg wet	79.2		39.4	60-140		
<b>BS SV BT/IDOC1 (BGE4145-BS2)</b>										
Prepared: 5/25/2023 Analyzed: 6/5/2023										
Bis(2-ethylhexyl )phthalate	84.0		2.48	ug/kg wet	79.2		106	60-140		
Surrogate: 2-Fluorobiphenyl-surr	S		46.3	ug/kg wet	79.2		58.5	60-140		
Surrogate: Nitrobenzene-d5-surr			68.3	ug/kg wet	79.2		86.2	60-140		
Surrogate: p-Terphenyl-d14-surr			49.1	ug/kg wet	79.2		62.0	60-140		
<b>BSD SV BT/IDOC2 (BGE4145-BSD1)</b>										
Prepared: 5/25/2023 Analyzed: 6/1/2023										
Di-n-butyl phthalate	51.0		2.43	ug/kg wet	77.8		65.6	60-140	0.651	40
Surrogate: 2-Fluorobiphenyl-surr			47.7	ug/kg wet	77.8		61.3	60-140		
Surrogate: Nitrobenzene-d5-surr			48.6	ug/kg wet	77.8		62.4	60-140		
Surrogate: p-Terphenyl-d14-surr	S		32.9	ug/kg wet	77.8		42.2	60-140		

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**Quality Control**  
(Continued)

**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE4145 - SW-3570 (Continued)</b>										
<b>BSD SV BT/IDOC2 (BGE4145-BSD2)</b>										
Prepared: 5/25/2023 Analyzed: 6/5/2023										
Bis(2-ethylhexyl )phthalate	89.4		2.43	ug/kg wet	77.8		115	60-140	6.16	40
Surrogate: 2-Fluorobiphenyl-surr		S	43.7	ug/kg wet	77.8		56.2	60-140		
Surrogate: Nitrobenzene-d5-surr			67.7	ug/kg wet	77.8		87.0	60-140		
Surrogate: p-Terphenyl-d14-surr			51.6	ug/kg wet	77.8		66.3	60-140		
<b>MDL SV BT (BGE4145-MRL1)</b>										
Prepared: 5/25/2023 Analyzed: 6/1/2023										
Di-n-butyl phthalate	4.81		2.42	ug/kg wet	7.74		62.2	50-150		
Surrogate: 2-Fluorobiphenyl-surr			48.4	ug/kg wet	77.4		62.6	60-140		
Surrogate: Nitrobenzene-d5-surr			60.8	ug/kg wet	77.4		78.6	60-140		
Surrogate: p-Terphenyl-d14-surr		S	34.9	ug/kg wet	77.4		45.0	60-140		
<b>MRL Check (BGE4145-MRL2)</b>										
Prepared: 5/25/2023 Analyzed: 6/5/2023										
Bis(2-ethylhexyl )phthalate	13.8	J1	2.42	ug/kg wet	7.74		178	50-150		
Surrogate: 2-Fluorobiphenyl-surr			50.3	ug/kg wet	77.4		65.0	60-140		
Surrogate: Nitrobenzene-d5-surr			68.3	ug/kg wet	77.4		88.3	60-140		
Surrogate: p-Terphenyl-d14-surr		S	43.7	ug/kg wet	77.4		56.5	60-140		
<b>23E2848-11 MS (BGE4145-MS1)</b>										
Source: 23E2848-11 Prepared: 5/25/2023 Analyzed: 6/1/2023										
Di-n-butyl phthalate	372	J1	20.0	ug/kg dry	641	58.1	49.0	60-140		
Surrogate: 2-Fluorobiphenyl-surr		S	307	ug/kg dry	641		47.9	60-140		
Surrogate: Nitrobenzene-d5-surr			497	ug/kg dry	641		77.5	60-140		
Surrogate: p-Terphenyl-d14-surr		S	205	ug/kg dry	641		32.0	60-140		
<b>Matrix Spike (BGE4145-MS2)</b>										
Source: 23E2848-11RE1 Prepared: 5/25/2023 Analyzed: 6/5/2023										
Bis(2-ethylhexyl )phthalate	525		20.0	ug/kg dry	641	54.8	73.3	60-140		
Surrogate: 2-Fluorobiphenyl-surr		S	318	ug/kg dry	641		49.6	60-140		
Surrogate: Nitrobenzene-d5-surr			655	ug/kg dry	641		102	60-140		
Surrogate: p-Terphenyl-d14-surr			426	ug/kg dry	641		66.4	60-140		



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**Quality Control**  
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**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE4145 - SW-3570 (Continued)**

**23E2848-11 MSD (BGE4145-MSD1)**

Source: **23E2848-11**

Prepared: 5/25/2023 Analyzed: 6/1/2023

Di-n-butyl phthalate	408	J1	21.1	ug/kg dry	675	58.1	51.8	60-140	9.14	40
Surrogate: 2-Fluorobiphenyl-surr		S	294	ug/kg dry	675		43.5	60-140		
Surrogate: Nitrobenzene-d5-surr			527	ug/kg dry	675		78.0	60-140		
Surrogate: p-Terphenyl-d14-surr		S	209	ug/kg dry	675		30.9	60-140		

**Matrix Spike Dup (BGE4145-MSD2)**

Source: **23E2848-11RE1**

Prepared: 5/25/2023 Analyzed: 6/5/2023

Bis(2-ethylhexyl )phthalate	599		21.1	ug/kg dry	675	54.8	80.6	60-140	13.2	40
Surrogate: 2-Fluorobiphenyl-surr		S	308	ug/kg dry	675		45.6	60-140		
Surrogate: Nitrobenzene-d5-surr			630	ug/kg dry	675		93.4	60-140		
Surrogate: p-Terphenyl-d14-surr			469	ug/kg dry	675		69.4	60-140		

**Batch: BGE4170 - SW-3570**

**MB SV BT (BGE4170-BLK1)**

Prepared: 5/25/2023 Analyzed: 6/4/2023

Bis(2-ethylhexyl )phthalate	5.46		2.45	ug/kg wet						
Di-n-butyl phthalate	6.13		2.45	ug/kg wet						
Surrogate: 2-Fluorobiphenyl-surr			54.3	ug/kg wet	78.4		69.3	60-140		
Surrogate: Nitrobenzene-d5-surr			50.8	ug/kg wet	78.4		64.7	60-140		
Surrogate: p-Terphenyl-d14-surr			62.8	ug/kg wet	78.4		80.1	60-140		

**BS SV BT (BGE4170-BS1)**

Prepared: 5/25/2023 Analyzed: 6/4/2023

Bis(2-ethylhexyl )phthalate	39.1	J1	2.38	ug/kg wet	76.0		51.4	60-140		
Di-n-butyl phthalate	41.7	J1	2.38	ug/kg wet	76.0		54.9	60-140		
Surrogate: 2-Fluorobiphenyl-surr		S	35.6	ug/kg wet	76.0		46.8	60-140		
Surrogate: Nitrobenzene-d5-surr		S	42.2	ug/kg wet	76.0		55.5	60-140		
Surrogate: p-Terphenyl-d14-surr		S	30.6	ug/kg wet	76.0		40.2	60-140		

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**Quality Control**  
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**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE4170 - SW-3570 (Continued)**

**BSD SV BT (BGE4170-bsd1)**

Prepared: 5/25/2023 Analyzed: 6/5/2023

Bis(2-ethylhexyl )phthalate	40.9	J1	2.47	ug/kg wet	79.1		51.7	60-140	4.43	40
Di-n-butyl phthalate	40.6	J1	2.47	ug/kg wet	79.1		51.3	60-140	2.79	40
-----										
Surrogate: 2-Fluorobiphenyl-surr		S	43.7	ug/kg wet	79.1		55.3	60-140		
Surrogate: Nitrobenzene-d5-surr		S	46.1	ug/kg wet	79.1		58.3	60-140		
Surrogate: p-Terphenyl-d14-surr		S	36.7	ug/kg wet	79.1		46.5	60-140		

**MDL SV BT (BGE4170-MRL1)**

Prepared: 5/25/2023 Analyzed: 6/4/2023

Bis(2-ethylhexyl )phthalate	13.1	J1	2.35	ug/kg wet	7.50		174	50-150		
Di-n-butyl phthalate	7.76		2.35	ug/kg wet	7.50		103	50-150		
-----										
Surrogate: 2-Fluorobiphenyl-surr			45.8	ug/kg wet	75.0		61.0	60-140		
Surrogate: Nitrobenzene-d5-surr			51.0	ug/kg wet	75.0		67.9	60-140		
Surrogate: p-Terphenyl-d14-surr		S	43.9	ug/kg wet	75.0		58.5	60-140		

**23E284802 MS (BGE4170-MS1)**

Source: 23E2848-02

Prepared: 5/25/2023 Analyzed: 6/5/2023

Bis(2-ethylhexyl )phthalate	276	J1	23.7	ug/kg dry	757	<23.7	36.4	60-140		
Di-n-butyl phthalate	527	J1	23.7	ug/kg dry	757	84.0	58.5	60-140		
-----										
Surrogate: 2-Fluorobiphenyl-surr		S	388	ug/kg dry	757		51.3	60-140		
Surrogate: Nitrobenzene-d5-surr			467	ug/kg dry	757		61.6	60-140		
Surrogate: p-Terphenyl-d14-surr		S	319	ug/kg dry	757		42.1	60-140		

**23E284802 MSD (BGE4170-MSD1)**

Source: 23E2848-02

Prepared: 5/25/2023 Analyzed: 6/5/2023

Bis(2-ethylhexyl )phthalate	356	J1	23.5	ug/kg dry	753	<23.5	47.3	60-140	25.4	40
Di-n-butyl phthalate	665		23.5	ug/kg dry	753	84.0	77.2	60-140	23.2	40
-----										
Surrogate: 2-Fluorobiphenyl-surr		S	424	ug/kg dry	753		56.3	60-140		
Surrogate: Nitrobenzene-d5-surr			478	ug/kg dry	753		63.4	60-140		
Surrogate: p-Terphenyl-d14-surr		S	359	ug/kg dry	753		47.7	60-140		



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**Quality Control  
(Continued)**

**Metals, Total**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2506 - EPA 200.3**

**Blank (BGE2506-BLK1)**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	<0.0996	U	0.0996	mg/kg wet						
Arsenic	<0.0498	U	0.0498	mg/kg wet						
Cadmium	<0.0996	U	0.0996	mg/kg wet						
Chromium	0.0342	J	0.299	mg/kg wet						
Copper	0.0292	J	0.0996	mg/kg wet						
Lead	0.0103	J	0.0498	mg/kg wet						
Nickel	0.0150	J	0.0996	mg/kg wet						
Selenium	<0.199	U	0.199	mg/kg wet						
Thallium	<0.0498	U	0.0498	mg/kg wet						

**Blank (BGE2506-BLK3)**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Zinc	1.34		0.199	mg/kg wet						
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**Blank (BGE2506-BLK4)**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	<0.0199	U	0.0199	mg/kg wet						
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**LCS (BGE2506-BS1)**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	9.72		0.0956	mg/kg wet	9.56		102	85-115		
Arsenic	4.85		0.0478	mg/kg wet	4.78		102	85-115		
Cadmium	9.43		0.0956	mg/kg wet	9.56		98.6	85-115		
Chromium	28.1		0.287	mg/kg wet	28.7		97.9	85-115		
Copper	9.45		0.0956	mg/kg wet	9.56		98.9	85-115		
Lead	4.94		0.0478	mg/kg wet	4.78		103	85-115		
Nickel	9.31		0.0956	mg/kg wet	9.56		97.4	85-115		
Thallium	4.83		0.0478	mg/kg wet	4.78		101	85-115		

**LCS (BGE2506-BS3)**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Zinc	20.5		0.191	mg/kg wet	19.1		107	85-115		
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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2506 - EPA 200.3 (Continued)**

**LCS (BGE2506-BS4)**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	2.10		0.0191	mg/kg wet	1.91		110	85-115		
Selenium	20.7		0.191	mg/kg wet	19.1		108	85-115		

**Duplicate (BGE2506-DUP1)**

**Source: 23E2848-01**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	<0.189	U	0.189	mg/kg dry		<0.189				20
Arsenic	9.81		0.0943	mg/kg dry		10.4		5.51		20
Cadmium	0.376		0.189	mg/kg dry		0.385		2.24		20
Chromium	0.506	J	0.566	mg/kg dry		0.455		10.5		20
Copper	11.0		0.189	mg/kg dry		10.9		0.865		20
Lead	0.241		0.0943	mg/kg dry		0.251		4.16		20
Nickel	3.24		0.189	mg/kg dry		3.25		0.201		20
Selenium	1.40		0.377	mg/kg dry		1.43		2.17		20
Thallium	0.00377	J	0.0943	mg/kg dry		0.00341		10.1		20

**Duplicate (BGE2506-DUP2)**

**Source: 23E2848-11**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Cadmium	0.386		0.179	mg/kg dry		0.402		4.13		20
Thallium	0.00286	J	0.0893	mg/kg dry		0.00304		6.06		20

**Duplicate (BGE2506-DUP4)**

**Source: 23E2848-11**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	<0.179	U	0.179	mg/kg dry		<0.179				20
Arsenic	10.5		0.0893	mg/kg dry		11.1		5.39		20
Chromium	0.327	J	0.536	mg/kg dry		0.371		12.4		20
Copper	11.8		0.179	mg/kg dry		12.7		7.35		20
Lead	0.371		0.0893	mg/kg dry		0.414		10.9		20
Nickel	2.82		0.179	mg/kg dry		3.05		7.69		20

**Duplicate (BGE2506-DUP5)**

**Source: 23E2848-01**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Zinc	115		3.77	mg/kg dry		106		7.98		20
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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2506 - EPA 200.3 (Continued)**

**Duplicate (BGE2506-DUP6)**

Source: 23E2848-11

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	0.0113	J	0.0357	mg/kg dry		0.0107			4.88	20
Selenium	1.51		0.357	mg/kg dry		1.62			6.94	20

**Duplicate (BGE2506-DUP7)**

Source: 23E2848-01

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	0.0140	J	0.0377	mg/kg dry		0.0116			18.9	20
Zinc	108		1.89	mg/kg dry		106			1.82	20

**MDL Check (BGE2506-MRL1)**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	0.0506	J	0.102	mg/kg wet	0.0509			99.4		
Arsenic	0.00163	J	0.0509	mg/kg wet	0.00509			32.0		
Cadmium	0.00570	J	0.102	mg/kg wet	0.00509			112		
Chromium	0.0303	J	0.305	mg/kg wet	0.0153			199		
Copper	0.0360	J	0.102	mg/kg wet	0.0102			354		
Lead	0.00611	J	0.0509	mg/kg wet	0.00509			120		
Nickel	0.0162	J	0.102	mg/kg wet	0.00509			318		
Selenium	0.116	J	0.204	mg/kg wet	0.102			114		
Thallium	0.00295	J	0.0509	mg/kg wet	0.00255			116		

**MDL Check (BGE2506-MRL3)**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Zinc	0.184	J	0.204	mg/kg wet	0.102			180		
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**MDL Check (BGE2506-MRL4)**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	0.00132	J	0.0204	mg/kg wet	0.00102			130		
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**Matrix Spike (BGE2506-MS1)**

Source: 23E2848-01

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	18.3		0.189	mg/kg dry	18.9	<0.189		96.6	75-125	
Arsenic	18.4		0.473	mg/kg dry	9.47	10.4		84.6	75-125	
Cadmium	18.6		0.189	mg/kg dry	18.9	0.385		96.2	75-125	
Chromium	56.1		0.568	mg/kg dry	56.8	0.455		98.0	75-125	
Copper	28.2		0.189	mg/kg dry	18.9	10.9		91.6	75-125	
Lead	9.60		0.0947	mg/kg dry	9.47	0.251		98.8	75-125	
Nickel	21.1		0.189	mg/kg dry	18.9	3.25		94.4	75-125	
Thallium	8.83		0.0947	mg/kg dry	9.47	0.00341		93.2	75-125	

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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2506 - EPA 200.3 (Continued)**

**Matrix Spike (BGE2506-MS2)**

Source: 23E2848-11

Prepared: 5/16/2023 Analyzed: 6/2/2023

Cadmium	16.7		0.179	mg/kg dry	17.9	0.402	91.1	75-125		
Thallium	7.73		0.0897	mg/kg dry	8.97	0.00304	86.2	75-125		

**Matrix Spike (BGE2506-MS4)**

Source: 23E2848-11

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	17.1		0.179	mg/kg dry	17.9	<0.179	95.3	75-125		
Arsenic	17.2	J1	0.448	mg/kg dry	8.97	11.1	68.3	75-125		
Chromium	51.0		0.538	mg/kg dry	53.8	0.371	94.0	75-125		
Copper	27.3		0.179	mg/kg dry	17.9	12.7	81.6	75-125		
Lead	8.46		0.0897	mg/kg dry	8.97	0.414	89.7	75-125		
Nickel	19.1		0.179	mg/kg dry	17.9	3.05	89.3	75-125		

**Matrix Spike (BGE2506-MS5)**

Source: 23E2848-01

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	4.08		0.0379	mg/kg dry	3.79	0.0116	107	75-125		
Selenium	51.0	J1	0.379	mg/kg dry	37.9	1.43	131	75-125		
Zinc	157	J1	1.89	mg/kg dry	37.9	106	133	75-125		

**Matrix Spike (BGE2506-MS6)**

Source: 23E2848-11

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	3.63		0.0359	mg/kg dry	3.59	0.0107	101	75-125		
Selenium	48.1	J1	0.359	mg/kg dry	35.9	1.62	130	75-125		
Zinc	136		1.79	mg/kg dry	35.9	103	92.2	75-125		

**Batch: BGE2507 - EPA 200.3**

**Blank (BGE2507-BLK1)**

Prepared: 5/16/2023 Analyzed: 6/6/2023

Antimony	<0.101	U	0.101	mg/kg wet						
Arsenic	<0.0503	U	0.0503	mg/kg wet						
Cadmium	<0.101	U	0.101	mg/kg wet						
Chromium	0.0140	J	0.302	mg/kg wet						
Copper	0.0256	J	0.101	mg/kg wet						
Lead	<0.0503	U	0.0503	mg/kg wet						
Nickel	0.00573	J	0.101	mg/kg wet						
Selenium	<0.201	U	0.201	mg/kg wet						
Thallium	<0.0503	U	0.0503	mg/kg wet						
Zinc	<0.201	U	0.201	mg/kg wet						

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2507 - EPA 200.3 (Continued)**

**Blank (BGE2507-BLK2)**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Beryllium	<0.0201	U	0.0201	mg/kg wet						
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**LCS (BGE2507-BS1)**

Prepared: 5/16/2023 Analyzed: 6/6/2023

Antimony	10.2		0.0952	mg/kg wet	9.52		107	85-115		
Arsenic	4.87		0.0476	mg/kg wet	4.76		102	85-115		
Cadmium	9.47		0.0952	mg/kg wet	9.52		99.4	85-115		
Chromium	28.1		0.286	mg/kg wet	28.6		98.4	85-115		
Copper	10.1		0.0952	mg/kg wet	9.52		106	85-115		
Lead	4.77		0.0476	mg/kg wet	4.76		100	85-115		
Nickel	9.33		0.0952	mg/kg wet	9.52		97.9	85-115		
Selenium	19.7		0.190	mg/kg wet	19.0		103	85-115		
Thallium	4.80		0.0476	mg/kg wet	4.76		101	85-115		
Zinc	19.6		0.190	mg/kg wet	19.0		103	85-115		

**LCS (BGE2507-BS2)**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Beryllium	2.19		0.0190	mg/kg wet	1.90		115	85-115		
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**Duplicate (BGE2507-DUP1)**

**Source: 23E2848-20**

Prepared: 5/16/2023 Analyzed: 6/6/2023

Antimony	0.0168	J	0.144	mg/kg dry		0.0170		1.29	20
Arsenic	14.6		0.359	mg/kg dry		14.8		1.19	20
Cadmium	0.208		0.144	mg/kg dry		0.216		3.66	20
Chromium	0.935		0.431	mg/kg dry		0.830		11.8	20
Copper	8.03		0.144	mg/kg dry		8.59		6.73	20
Lead	0.642		0.0718	mg/kg dry		0.674		4.82	20
Nickel	1.24		0.144	mg/kg dry		1.23		0.447	20
Selenium	2.14		0.287	mg/kg dry		2.15		0.227	20
Thallium	0.00258	J	0.0718	mg/kg dry		0.00243		6.11	20
Zinc	172	J1	1.44	mg/kg dry		360		70.9	20

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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2507 - EPA 200.3 (Continued)**

**Duplicate (BGE2507-DUP2)**

Source: 23E2848-30

Prepared: 5/16/2023 Analyzed: 6/7/2023

Antimony	0.0246	J	0.143	mg/kg dry		0.0228			7.40	20
Arsenic	13.2		0.715	mg/kg dry		14.0			5.46	20
Beryllium	0.00415	J	0.0286	mg/kg dry		0.00440			5.87	20
Cadmium	0.176		0.143	mg/kg dry		0.179			1.85	20
Chromium	1.08		0.429	mg/kg dry		1.08			0.0321	20
Copper	18.3		0.143	mg/kg dry		19.5			6.09	20
Lead	0.805		0.0715	mg/kg dry		0.882			9.11	20
Nickel	1.21		0.143	mg/kg dry		1.29			7.12	20
Selenium	2.05	J1	0.286	mg/kg dry		1.66			21.3	20
Thallium	0.00200	J	0.0715	mg/kg dry		0.00199			0.797	20
Zinc	58.0	J1	2.86	mg/kg dry		177			101	20

**Duplicate (BGE2507-DUP3)**

Source: 23E2848-20

Prepared: 5/16/2023 Analyzed: 6/7/2023

Beryllium	0.00689	J	0.0287	mg/kg dry		0.00658			4.66	20
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**MDL Check (BGE2507-MRL1)**

Prepared: 5/16/2023 Analyzed: 6/6/2023

Antimony	0.0571	J	0.0990	mg/kg wet	0.0495			115		
Arsenic	<0.0495	U	0.0495	mg/kg wet	0.00495					
Cadmium	0.00634	J	0.0990	mg/kg wet	0.00495			128		
Chromium	0.0550	J	0.297	mg/kg wet	0.0149			370		
Copper	0.0366	J	0.0990	mg/kg wet	0.00990			370		
Lead	0.00762	J	0.0495	mg/kg wet	0.00495			154		
Nickel	0.0146	J	0.0990	mg/kg wet	0.00495			294		
Selenium	0.102	J	0.198	mg/kg wet	0.0990			103		
Thallium	0.00485	J	0.0495	mg/kg wet	0.00248			196		
Zinc	0.128	J	0.198	mg/kg wet	0.0990			129		

**MDL Check (BGE2507-MRL2)**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Beryllium	0.00158	J	0.0198	mg/kg wet	0.000990			160		
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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2507 - EPA 200.3 (Continued)**

**Matrix Spike (BGE2507-MS1)**

**Source: 23E2848-20**

Prepared: 5/16/2023 Analyzed: 6/6/2023

Antimony	15.4		0.143	mg/kg dry	14.3	0.0170	107	75-125		
Arsenic	22.2		0.358	mg/kg dry	7.15	14.8	104	75-125		
Cadmium	14.7		0.143	mg/kg dry	14.3	0.216	101	75-125		
Chromium	44.0		0.429	mg/kg dry	42.9	0.830	101	75-125		
Copper	21.5		0.143	mg/kg dry	14.3	8.59	89.9	75-125		
Lead	7.50		0.0715	mg/kg dry	7.15	0.674	95.5	75-125		
Nickel	15.0		0.143	mg/kg dry	14.3	1.23	96.0	75-125		
Selenium	39.1	J1	0.286	mg/kg dry	28.6	2.15	129	75-125		
Thallium	6.92		0.0715	mg/kg dry	7.15	0.00243	96.7	75-125		
Zinc	90.4	J1	1.43	mg/kg dry	28.6	360	NR	75-125		

**Matrix Spike (BGE2507-MS2)**

**Source: 23E2848-30**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Antimony	15.1		0.142	mg/kg dry	14.2	0.0228	106	75-125		
Arsenic	20.7		0.356	mg/kg dry	7.12	14.0	94.5	75-125		
Beryllium	3.31		0.0285	mg/kg dry	2.85	0.00440	116	75-125		
Cadmium	15.3		0.142	mg/kg dry	14.2	0.179	106	75-125		
Chromium	48.3		0.427	mg/kg dry	42.7	1.08	110	75-125		
Copper	34.9		0.712	mg/kg dry	14.2	19.5	108	75-125		
Lead	8.04		0.0712	mg/kg dry	7.12	0.882	101	75-125		
Nickel	16.1		0.142	mg/kg dry	14.2	1.29	104	75-125		
Selenium	40.8	J1	0.285	mg/kg dry	28.5	1.66	137	75-125		
Thallium	7.12		0.0712	mg/kg dry	7.12	0.00199	100	75-125		
Zinc	197	J1	1.42	mg/kg dry	28.5	177	70.5	75-125		

**Matrix Spike (BGE2507-MS3)**

**Source: 23E2848-20**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Beryllium	3.31		0.0286	mg/kg dry	2.86	0.00658	116	75-125		
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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE3654 - SW-7471</b>										
<b>MDL Check (BGE3654-MRL1)</b>										
Mercury	0.0107	J	0.0196	mg/kg wet	0.00979		109			
Prepared & Analyzed: 6/7/2023										
<b>Matrix Spike (BGE3654-MS1)</b>										
Mercury	1.14		0.0922	mg/kg dry	1.15	<0.0922	99.1	80-120		
Source: 23E2848-12 Prepared & Analyzed: 6/7/2023										
<b>Matrix Spike (BGE3654-MS2)</b>										
Mercury	1.13		0.0904	mg/kg dry	1.13	<0.0904	99.8	80-120		
Source: 23E2848-13 Prepared & Analyzed: 6/7/2023										
<b>Matrix Spike Dup (BGE3654-MSD1)</b>										
Mercury	1.09		0.0878	mg/kg dry	1.10	<0.0878	99.0	80-120	4.96	20
Source: 23E2848-12 Prepared & Analyzed: 6/7/2023										
<b>Matrix Spike Dup (BGE3654-MSD2)</b>										
Mercury	1.15		0.0926	mg/kg dry	1.16	<0.0926	99.6	80-120	2.21	20
Source: 23E2848-13 Prepared & Analyzed: 6/7/2023										
<b>Batch: BGE3655 - SW-7471</b>										
<b>MDL Check (BGE3655-MRL1)</b>										
Mercury	0.00988	J	0.0200	mg/kg wet	0.00998		99.0			
Prepared & Analyzed: 6/8/2023										
<b>Matrix Spike (BGE3655-MS1)</b>										
Mercury	0.923		0.0735	mg/kg dry	0.919	<0.0735	100	80-120		
Source: 23E2848-22 Prepared & Analyzed: 6/8/2023										
<b>Matrix Spike (BGE3655-MS2)</b>										
Mercury	0.824		0.0674	mg/kg dry	0.843	<0.0674	97.8	80-120		
Source: 23E2848-23 Prepared & Analyzed: 6/8/2023										
<b>Matrix Spike Dup (BGE3655-MSD1)</b>										
Mercury	0.966		0.0747	mg/kg dry	0.934	<0.0747	103	80-120	4.54	20
Source: 23E2848-22 Prepared & Analyzed: 6/8/2023										

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE3655 - SW-7471 (Continued)**

**Matrix Spike Dup (BGE3655-MSD2)**

Source: **23E2848-23**

Prepared & Analyzed: 6/8/2023

Mercury	0.899		0.0725	mg/kg dry	0.906	<0.0725	99.2	80-120	8.69	20
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**Batch: BGF0506 - EPA 200.3**

**Blank (BGF0506-BLK1)**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	<0.0505	U	0.0505	mg/kg wet						
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**LCS (BGF0506-BS1)**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	1.79	J1	0.0467	mg/kg wet	4.67		38.4	85-115		
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**Duplicate (BGF0506-DUP1)**

Source: **23E2848-01RE1**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	0.154		0.0951	mg/kg dry		0.158			2.92	20
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**Duplicate (BGF0506-DUP2)**

Source: **23E2848-11RE1**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	0.135		0.0889	mg/kg dry		0.139			2.91	20
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**MDL Check (BGF0506-MRL1)**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	0.00216	J	0.0490	mg/kg wet	0.00245		88.0			
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**Matrix Spike (BGF0506-MS1)**

Source: **23E2848-01RE1**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	5.24	J1	0.0943	mg/kg dry	9.43	0.158	53.9	75-125		
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**Matrix Spike (BGF0506-MS2)**

Source: **23E2848-11RE1**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	3.38	J1	0.0872	mg/kg dry	8.72	0.139	37.2	75-125		
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**Batch: BGF0507 - EPA 200.3**

**Blank (BGF0507-BLK1)**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	<0.0500	U	0.0500	mg/kg wet						
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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGF0507 - EPA 200.3 (Continued)**

<b>LCS (BGF0507-BS1)</b>										
Silver	2.22	J1	0.0505	mg/kg wet	5.05		43.9	85-115		
Prepared: 6/5/2023 Analyzed: 6/9/2023										
<b>Duplicate (BGF0507-DUP1) Source: 23E2848-21RE1</b>										
Silver	0.124		0.0789	mg/kg dry		0.109			13.4	20
Prepared: 6/5/2023 Analyzed: 6/9/2023										
<b>Duplicate (BGF0507-DUP2) Source: 23E2848-32RE1</b>										
Silver	0.138		0.0934	mg/kg dry		0.132			3.84	20
Prepared: 6/5/2023 Analyzed: 6/9/2023										
<b>MDL Check (BGF0507-MRL1)</b>										
Silver	0.00263	J	0.0505	mg/kg wet	0.00253		104			
Prepared: 6/5/2023 Analyzed: 6/9/2023										
<b>Matrix Spike (BGF0507-MS1) Source: 23E2848-21RE1</b>										
Silver	6.69		0.0820	mg/kg dry	8.20	0.109	80.3	75-125		
Prepared: 6/5/2023 Analyzed: 6/9/2023										
<b>Matrix Spike (BGF0507-MS2) Source: 23E2848-32RE1</b>										
Silver	5.28	J1	0.0930	mg/kg dry	9.30	0.132	55.3	75-125		
Prepared: 6/5/2023 Analyzed: 6/9/2023										

**Batch: SGF0026 - BGE2506**

<b>Interference Check A (SGF0026-IFA1)</b>										
Prepared & Analyzed: 6/2/2023										
Antimony	0.149			ug/L					70-130	
Arsenic	0.126			ug/L					70-130	
Cadmium	0.384			ug/L					70-130	
Chromium	3.42			ug/L					70-130	
Copper	0.164			ug/L					70-130	
Lead	0.0720			ug/L					70-130	
Nickel	0.595			ug/L					70-130	
Selenium	0.195			ug/L					70-130	
Thallium	0.00800			ug/L					70-130	



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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0026 - BGE2506 (Continued)**

**Interference Check B (SGF0026-IFB1)**

Prepared & Analyzed: 6/2/2023

Antimony	96.9			ug/L	100		96.9	70-130		
Arsenic	49.6			ug/L	50.0		99.2	70-130		
Cadmium	94.8			ug/L	100		94.8	70-130		
Chromium	287			ug/L	300		95.8	70-130		
Copper	89.9			ug/L	100		89.9	70-130		
Lead	45.5			ug/L	50.0		91.0	70-130		
Nickel	89.7			ug/L	100		89.7	70-130		
Selenium	198			ug/L	200		99.1	70-130		
Thallium	46.5			ug/L	50.0		93.0	70-130		

**Batch: SGF0034 - BGE2506**

**Interference Check A (SGF0034-IFA1)**

Prepared & Analyzed: 6/2/2023

Antimony	0.139			ug/L				70-130		
Arsenic	0.106			ug/L				70-130		
Chromium	3.26			ug/L				70-130		
Copper	0.117			ug/L				70-130		
Lead	0.0640			ug/L				70-130		
Nickel	0.574			ug/L				70-130		

**Interference Check B (SGF0034-IFB1)**

Prepared & Analyzed: 6/2/2023

Antimony	94.4			ug/L	100		94.4	70-130		
Arsenic	49.5			ug/L	50.0		99.0	70-130		
Chromium	287			ug/L	300		95.6	70-130		
Copper	86.8			ug/L	100		86.8	70-130		
Lead	46.6			ug/L	50.0		93.1	70-130		
Nickel	88.0			ug/L	100		88.0	70-130		

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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0074 - BGE2507**

**Interference Check A (SGF0074-IFA1)**

Prepared & Analyzed: 6/6/2023

Antimony	0.215			ug/L				70-130		
Arsenic	0.125			ug/L				70-130		
Cadmium	0.410			ug/L				70-130		
Chromium	3.67			ug/L				70-130		
Copper	0.296			ug/L				70-130		
Lead	0.0900			ug/L				70-130		
Nickel	0.644			ug/L				70-130		
Selenium	0.186			ug/L				70-130		
Thallium	0.0320			ug/L				70-130		
Zinc	0.144			ug/L				70-130		

**Interference Check B (SGF0074-IFB1)**

Prepared & Analyzed: 6/6/2023

Antimony	104			ug/L	100	104		70-130		
Arsenic	52.0			ug/L	50.0	104		70-130		
Cadmium	99.9			ug/L	100	99.9		70-130		
Chromium	295			ug/L	300	98.3		70-130		
Copper	98.9			ug/L	100	98.9		70-130		
Lead	45.0			ug/L	50.0	89.9		70-130		
Nickel	92.5			ug/L	100	92.5		70-130		
Selenium	213			ug/L	200	106		70-130		
Thallium	48.2			ug/L	50.0	96.4		70-130		
Zinc	192			ug/L	200	96.2		70-130		

**Batch: SGF0091 - BGE2507**

**Interference Check A (SGF0091-IFA1)**

Prepared & Analyzed: 6/7/2023

Antimony	0.159			ug/L				70-130		
Arsenic	0.103			ug/L				70-130		
Beryllium	0.00200			ug/L				70-130		
Cadmium	0.367			ug/L				70-130		
Chromium	3.29			ug/L				70-130		
Copper	0.144			ug/L				70-130		
Lead	0.0700			ug/L				70-130		
Nickel	0.582			ug/L				70-130		
Selenium	0.249			ug/L				70-130		
Thallium	0.0160			ug/L				70-130		
Zinc	1.26			ug/L				70-130		

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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0091 - BGE2507 (Continued)**

**Interference Check B (SGF0091-IFB1)**

Prepared & Analyzed: 6/7/2023

Antimony	103			ug/L	100		103	70-130		
Arsenic	52.0			ug/L	50.0		104	70-130		
Beryllium	18.5			ug/L	20.0		92.6	70-130		
Cadmium	98.9			ug/L	100		98.9	70-130		
Chromium	295			ug/L	300		98.4	70-130		
Copper	96.1			ug/L	100		96.1	70-130		
Lead	46.1			ug/L	50.0		92.2	70-130		
Nickel	93.3			ug/L	100		93.3	70-130		
Selenium	213			ug/L	200		107	70-130		
Thallium	46.8			ug/L	50.0		93.5	70-130		
Zinc	193			ug/L	200		96.3	70-130		

**Batch: SGF0122 - BGE2506**

**Interference Check A (SGF0122-IFA1)**

Prepared & Analyzed: 6/8/2023

Arsenic	0.0990			ug/L				70-130		
Beryllium	0.00800			ug/L				70-130		
Chromium	3.28			ug/L				70-130		
Copper	0.338			ug/L				70-130		
Nickel	0.573			ug/L				70-130		
Selenium	0.185			ug/L				70-130		
Zinc	0.665			ug/L				70-130		

**Interference Check B (SGF0122-IFB1)**

Prepared & Analyzed: 6/8/2023

Arsenic	51.2			ug/L	50.0		102	70-130		
Beryllium	18.1			ug/L	20.0		90.6	70-130		
Chromium	286			ug/L	300		95.3	70-130		
Copper	92.8			ug/L	100		92.8	70-130		
Nickel	90.9			ug/L	100		90.9	70-130		
Selenium	208			ug/L	200		104	70-130		
Zinc	189			ug/L	200		94.7	70-130		



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Quality Control  
(Continued)**

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: SGF0142 - BGF0506</b>										
<b>Interference Check A (SGF0142-IFA1)</b>										
Silver	0.00700			ug/L		Prepared & Analyzed: 6/9/2023		70-130		
<b>Interference Check B (SGF0142-IFB1)</b>										
Silver	45.6			ug/L	50.0	Prepared & Analyzed: 6/9/2023	91.3	70-130		
<b>Batch: SGF0149 - BGF0506</b>										
<b>Interference Check A (SGF0149-IFA1)</b>										
Silver	0.00800			ug/L		Prepared & Analyzed: 6/9/2023		70-130		
<b>Interference Check B (SGF0149-IFB1)</b>										
Silver	46.5			ug/L	50.0	Prepared & Analyzed: 6/9/2023	93.0	70-130		
<b>Batch: SGF0246 - BGE2506</b>										
<b>Interference Check A (SGF0246-IFA1)</b>										
Arsenic	0.0830			ug/L		Prepared & Analyzed: 6/15/2023		70-130		
<b>Interference Check B (SGF0246-IFB1)</b>										
Arsenic	52.1			ug/L	50.0	Prepared & Analyzed: 6/15/2023	104	70-130		





Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Quality Control**  
(Continued)

**General Chemistry**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE2233 - Percent Solids</b>										
<b>Blank (BGE2233-BLK1)</b> Prepared: 5/12/2023 Analyzed: 5/15/2023										
% Solids	<0.100	U	0.100	%						
<b>Duplicate (BGE2233-DUP1)</b> Source: 23E2848-01 Prepared: 5/12/2023 Analyzed: 5/15/2023										
% Solids	10.4		0.100	%		10.6			1.47	10
<b>Duplicate (BGE2233-DUP2)</b> Source: 23E2848-36 Prepared: 5/12/2023 Analyzed: 5/15/2023										
% Solids	14.0		0.100	%		13.9			0.908	10
<b>Reference (BGE2233-SRM1)</b> Prepared: 5/12/2023 Analyzed: 5/15/2023										
% Solids	0.369		0.100	%	0.350		105	78.9-118		
<b>Batch: BGE2234 - Percent Solids</b>										
<b>Blank (BGE2234-BLK1)</b> Prepared: 5/12/2023 Analyzed: 5/15/2023										
% Solids	<0.100	U	0.100	%						
<b>Duplicate (BGE2234-DUP1)</b> Source: 23E2848-03 Prepared: 5/12/2023 Analyzed: 5/15/2023										
% Solids	9.17		0.100	%		9.19			0.209	10
<b>Duplicate (BGE2234-DUP2)</b> Source: 23E2848-10 Prepared: 5/12/2023 Analyzed: 5/15/2023										
% Solids	9.70		0.100	%		9.80			1.07	10
<b>Reference (BGE2234-SRM1)</b> Prepared: 5/12/2023 Analyzed: 5/15/2023										
% Solids	0.377		0.100	%	0.350		108	78.9-118		



Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

### Sample Condition Checklist

**Work Order: 23E2848**

**Check Points**

- No Custody Seals
- Yes Containers Intact
- Yes COC/Labels Agree
- Yes Received On Ice
- Yes Appropriate Containers
- Yes Appropriate Sample Volume
- No Coolers Intact
- Yes Samples Accepted

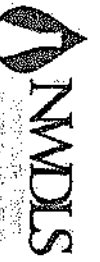
Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

## Term and Qualifier Definitions

Item	Definition
A	Detection limit elevated due to abundance of non-target analyte.
B	Analyte was found in the associated method blank.
J	Estimated value - The reported value is between the detection limit and reporting limit.
J1	Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.
S	The surrogate recovery was outside the established laboratory recovery limit.
U	Non-detected compound.
V	Analyte was detected in both sample and method blank.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated
*	A = Accredited, N = Not Accredited or Accreditation not available
DF	Dilution Factor - the factor applied to the reported data due to sample preparation, dilution, or moisture content
MDL	Method Detection Limit - The minimum concentration of a substance (or analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. Based on standard deviation of replicate spiked samples take through all steps of the analytical procedure following 40 CFR Part 136 Appendix B.
SDL	Sample Detection Limit - The minimum concentration of a substance (analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The SDL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MDL = SDL.
MRL	Method Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The MRL is at or above the lowest calibration standard.
LRL	Laboratory Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The LRL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MRL = LRL.



# CHAIN OF CUSTODY RECORD

North Water District Laboratory Services  
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 TCEQ T104704238-23-39

**23E2848**

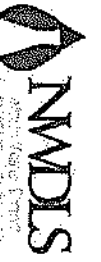
Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM

Schedule Comments:

Project Comments:

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation	Field Results
23E2848-01	MM-CDP-06-1		4-1-23 11:00	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20c <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20c <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2848-02	MM-CDP-06-2		4-1-23 11:00	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20c <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20c <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	



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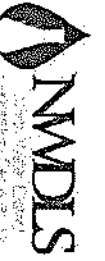
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**23E2848**

(Continued)

Tetracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8889

Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:			
Project Comments:					
23E2848-03	MM-CDP-06-3	4-1-23 1100	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.1 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C
23E2848-04	MM-CDP-06-4	4-1-23 1100	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.1 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C



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**23E2848**

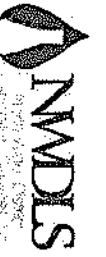
(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2848-05	MM-CDP-06-5		4-1-23 1:05	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20 <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.4 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2848-06	MM-CDP-07-1		4-1-23 1:05	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20i <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.4 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C	



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Tetracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:			
Project Comments:					
23E2848-07	MM-CDP-07-2	4-1-23 1.9.0	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200; <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C
23E2848-08	MM-CDP-07-3	4-1-23 1.0.0	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200; <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C



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**23E2848**

(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA GDP TISSUE CHEM  
 Project Comments :

Schedule Comments:

23E2848-09	MM-CDP-07-4		4-1-23 1103	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200i <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organolns-TX10014°C TS-2540 G <-20°C	
23E2848-10	MM-CDP-07-5		4-1-23 1103	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200i <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organolns-TX10014°C TS-2540 G <-20°C	





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**23E2848**

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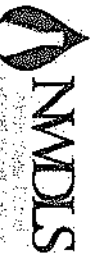
Terracoh\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name: PCCA CDP TISSUE CHEM

Project Comments:

Schedule Comments:

23E2848-11	MM-REF-1	4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	
23E2848-12	MM-REF-2	4-1-23 1000	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	



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Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2848-13	MM-REF-3		4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200; <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C	
23E2848-14	MM-REF-4		4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200; <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C	



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TOEQ T104704238-23-39

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**23E2848**

(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2848-15	MM-REF-5		4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	
23E2848-16	MM-CDP-PRETEST-1		4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	



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North Water District Laboratory Services  
 130 S. Trade Center Pkwy, Conroe, TX 77385  
 (936) 321-6060 - lab@nwdis.com  
 TCEQ T104704238-23-39

**23E2848**

(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2848-17	MM-CDP-PRETEST-2		4-1-23 1.50	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20K <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub Organotins-TX10014°C TS-2540 G <-20°C	
23E2848-18	MM-CDP-PRETEST-3		4-1-23 1.50	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20K <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub Organotins-TX10014°C TS-2540 G <-20°C	

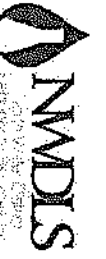


# CHAIN OF CUSTODY RECORD

North Texas Water District Laboratory Services  
 130 S. Trade Center Pkwy, Conroe TX 77385  
 (936) 321-6060 - lab@nmdis.com  
 TCEQ T104704238-23-39

Terracon\_Houston  
 Gregg Pawliak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:	
Project Comments:			
23E2848-19	NV-CDP-06-1	T Composite	A Glass 250mL w/ Teflon-lined Lid
		U-1-23 1300	
23E2848-20	NV-CDP-06-2	T Composite	A Glass 250mL w/ Teflon-lined Lid
		U-1-23 1300	
			Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.1 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C



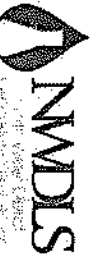
# CHAIN OF CUSTODY RECORD

North Water District Laboratory Services  
 130 S. Trade Center Pkwy, Conroe TX 77385  
 (936) 321-6060 - lab@nmdis.com  
 TCEQ T104704238-23-39

**23E2848**

(Continued)

Terracon_Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989		Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:	
Project Comments:					
23E2848-21	NV-CDP-06-3	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200. : <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C
23E2848-22	NV-CDP-06-4	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200. : <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C



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North Water District Laboratory Services  
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 (936) 321-6060 - lab@nwdls.com

TCEQ T104704238-23-39

Terracor, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:				
Project Comments:						
23E2848-23	NV-CDP-06-5	4-1-23 1303	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX 10014°C TS-2540 G <-20°C	
23E2848-24	NV-CDP-07-1	4-1-23 1303	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX 10014°C TS-2540 G <-20°C	



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North Water District Laboratory Services  
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 (936) 321-6060 - lab@nwdls.com  
 TCEQ T104704238-23-39

(Continued)

Terracon, Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989		<b>Project Name :</b> PCCA CDP TISSUE CHEM <b>Project Comments:</b>			
23E2848-25	NV-CDP-07-2				
		4-1-23 1300	T	Composite	A Glass 250mL w/ Teflon-lined Lid
		4-1-23 1300	T	Composite	A Glass 250mL w/ Teflon-lined Lid
23E2848-26	NV-CDP-07-3				
		4-1-23 1300	T	Composite	A Glass 250mL w/ Teflon-lined Lid
					Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C

Schedule Comments:





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North Water District Laboratory Services  
 130 S. Trade Center Pkwy, Conroe Tx 77385  
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 TOEQ T104704238-23-39

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**23E2848**

(Continued)

Terracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:	
Project Comments:			
23E2848-27	NV-CDP-07-4	T Composite	A Glass 250ml w/ Teflon-lined Lid
			Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200I <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C
23E2848-28	NV-CDP-07-5	T Composite	A Glass 250ml w/ Teflon-lined Lid
			Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200I <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C



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**23E2848**

(Continued)

Terracon, Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989		<b>Project Name :</b> PCCA CDP TISSUE CHEM <b>Project Comments:</b>		<b>Schedule Comments:</b>	
23E2848-29	NV-REF-1			T Composite A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20f <-20°C Beryllium KED ICPMS 2 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20f <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.8 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20f <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C
23E2848-30	NV-REF-2	4-1-23 1300		T Composite A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20f <-20°C Beryllium KED ICPMS 2 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20f <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.8 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20f <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C



# CHAIN OF CUSTODY RECORD

North Water District Laboratory Services  
 130 S. Trade Center Pkwy, Conroe, Tx 77385  
 (936) 321-6060 - lab@nwdis.com  
 TCEQ T104704238-29-39

**23E2848**

(Continued)

Tetracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name: PCCA CDP TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2848-31	NV-REF-3		4-1-23 1300	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organohals-TX10014°C TS-2540 G <-20°C	
23E2848-32	NV-REF-4		4-1-23 1300	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organohals-TX10014°C TS-2540 G <-20°C	



# CHAIN OF CUSTODY RECORD

North Water District Laboratory Services  
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**23E2848**

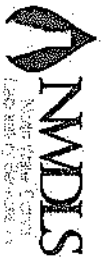
(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2848-33	NV-REF-5			T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	
23E2848-34	NV-CDP-PRETEST-1	4-1-23 1303		T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	



# CHAIN OF CUSTODY RECORD

North Water District Laboratory Services  
 130 S. Trade Center Pkwy, Conroe, TX 77385  
 (936) 321-6060 - lab@nwdis.com  
 TCEQ T104704238-23-99

**23E2848**

(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:			
Project Comments:					
23E2848-35	NV-CDP-PRETEST-2	4-1-23 1333	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.8 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C
23E2848-36	NV-CDP-PRETEST-3	4-1-23 1333	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.8 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C



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(936) 321-6060 - lab@nwdls.com  
TCEQ T104704238-23-39

**23E2848**

(Continued)

Terracon\_Houston  
Gregg Pawlak  
11555 Clay Road  
Houston, TX 77043  
Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:	
Project Comments:			

Field Remarks:	Preservation: (Circle and Write ID)	H2SO4	HN03	NaOH	Other:
Sampler (Signature) <i>Shirley</i>	Relinquished By: (Signature) <i>Shirley</i>	Date/Time 5/10/23 15:00	Received By: (Signature)	Date/Time	Date/Time
Print Name Theron Gies	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time	Date/Time
Affiliation TDC Lab	Relinquished To Lab By: (Signature)	Date/Time	Received for Laboratory By: (Signature)	Date/Time	Date/Time
Custody Seal : Yes / No	COC Labels Agree: Yes / No	Appropriate Volume: Yes / No	Received on Ice: Yes / No	Temperature: _____ °C	
Container Intact : Yes / No	Appropriate Containers: Yes / No	Coders Intact: Yes / No	Samples Accepted: Yes / No	Thermometer ID: _____	



July 07, 2023

## LAB REPORT

Gregg Pawlak  
Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Report ID: 20230707093414MM

RE: PCCA HI TISSUE CHEM

The following test results meet all NELAP requirements for analytes for which certification is available. Any deviations from our quality system will be noted in the case narrative. All analyses performed by North Water District Laboratory Services, Inc. unless noted.

For questions regarding this report, contact Monica Martin at 936-321-6060.

Sincerely,

Monica O. Martin  
Chief Administrative Officer

Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/07/2023 09:34

## Work Order Case Narrative

A total of 80 samples were collected on:

<u>Laboratory ID</u>	<u>Sample Name</u>	<u>Sample Date</u>
23E2845-01	MM-HI-DMMU 1-1	04/01/2023 11:00
23E2845-02	MM-HI-DMMU 1-2	04/01/2023 11:00
23E2845-03	MM-HI-DMMU 1-3	04/01/2023 11:00
23E2845-04	MM-HI-DMMU 1-4	04/01/2023 11:00
23E2845-05	MM-HI-DMMU 1-5	04/01/2023 11:00
23E2845-06	MM-HI-DMMU 2-1	04/01/2023 11:00
23E2845-07	MM-HI-DMMU 2-2	04/01/2023 11:00
23E2845-08	MM-HI-DMMU 2-3	04/01/2023 11:00
23E2845-09	MM-HI-DMMU 2-4	04/01/2023 11:00
23E2845-10	MM-HI-DMMU 2-5	04/01/2023 11:00
23E2845-11	MM-HI-DMMU 3-1	04/01/2023 11:00
23E2845-12	MM-HI-DMMU 3-2	04/01/2023 11:00
23E2845-13	MM-HI-DMMU 3-3	04/01/2023 11:00
23E2845-14	MM-HI-DMMU 3-4	04/01/2023 11:00
23E2845-15	MM-HI-DMMU 3-5	04/01/2023 11:00
23E2845-16	MM-HI-DMMU 4-1	04/01/2023 11:00
23E2845-17	MM-HI-DMMU 4-2	04/01/2023 11:00
23E2845-18	MM-HI-DMMU 4-3	04/01/2023 11:00
23E2845-19	MM-HI-DMMU 4-4	04/01/2023 11:00
23E2845-20	MM-HI-DMMU 4-5	04/01/2023 11:00
23E2845-21	MM-HI-DMMU 5-1	04/01/2023 11:00
23E2845-22	MM-HI-DMMU 5-2	04/01/2023 11:00
23E2845-23	MM-HI-DMMU 5-3	04/01/2023 11:00
23E2845-24	MM-HI-DMMU 5-4	04/01/2023 11:00
23E2845-25	MM-HI-DMMU 5-5	04/01/2023 11:00
23E2845-26	MM-HI-DMMU 6-1	04/01/2023 11:00
23E2845-27	MM-HI-DMMU 6-2	04/01/2023 11:00
23E2845-28	MM-HI-DMMU 6-3	04/01/2023 11:00
23E2845-29	MM-HI-DMMU 6-4	04/01/2023 11:00
23E2845-30	MM-HI-DMMU 6-5	04/01/2023 11:00
23E2845-31	MM-HI-DMMU 7-1	04/01/2023 11:00
23E2845-32	MM-HI-DMMU 7-2	04/01/2023 11:00
23E2845-33	MM-HI-DMMU 7-3	04/01/2023 11:00
23E2845-34	MM-HI-DMMU 7-4	04/01/2023 11:00
23E2845-35	MM-HI-DMMU 7-5	04/01/2023 11:00
23E2845-36	MM-HI-DMMU 8-1	04/01/2023 11:00
23E2845-37	MM-HI-DMMU 8-2	04/01/2023 11:00
23E2845-38	MM-HI-DMMU 8-3	04/01/2023 11:00
23E2845-39	MM-HI-DMMU 8-4	04/01/2023 11:00
23E2845-40	MM-HI-DMMU 8-5	04/01/2023 11:00
23E2845-41	NV-HI-DMMU 1-1	04/01/2023 13:00
23E2845-42	NV-HI-DMMU 1-2	04/01/2023 13:00
23E2845-43	NV-HI-DMMU 1-3	04/01/2023 13:00
23E2845-44	NV-HI-DMMU 1-4	04/01/2023 13:00
23E2845-45	NV-HI-DMMU 1-5	04/01/2023 13:00
23E2845-46	NV-HI-DMMU 2-1	04/01/2023 13:00



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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23E2845-47	NV-HI-DMMU 2-2	04/01/2023 13:00
23E2845-48	NV-HI-DMMU 2-3	04/01/2023 13:00
23E2845-49	NV-HI-DMMU 2-4	04/01/2023 13:00
23E2845-50	NV-HI-DMMU 2-5	04/01/2023 13:00
23E2845-51	NV-HI-DMMU 3-1	04/01/2023 13:00
23E2845-52	NV-HI-DMMU 3-2	04/01/2023 13:00
23E2845-53	NV-HI-DMMU 3-3	04/01/2023 13:00
23E2845-54	NV-HI-DMMU 3-4	04/01/2023 13:00
23E2845-55	NV-HI-DMMU 3-5	04/01/2023 13:00
23E2845-56	NV-HI-DMMU 4-1	04/01/2023 13:00
23E2845-57	NV-HI-DMMU 4-2	04/01/2023 13:00
23E2845-58	NV-HI-DMMU 4-3	04/01/2023 13:00
23E2845-59	NV-HI-DMMU 4-4	04/01/2023 13:00
23E2845-60	NV-HI-DMMU 4-5	04/01/2023 13:00
23E2845-61	NV-HI-DMMU 5-1	04/01/2023 13:00
23E2845-62	NV-HI-DMMU 5-2	04/01/2023 13:00
23E2845-63	NV-HI-DMMU 5-3	04/01/2023 13:00
23E2845-64	NV-HI-DMMU 5-4	04/01/2023 13:00
23E2845-65	NV-HI-DMMU 5-5	04/01/2023 13:00
23E2845-66	NV-HI-DMMU 6-1	04/01/2023 13:00
23E2845-67	NV-HI-DMMU 6-2	04/01/2023 13:00
23E2845-68	NV-HI-DMMU 6-3	04/01/2023 13:00
23E2845-69	NV-HI-DMMU 6-4	04/01/2023 13:00
23E2845-70	NV-HI-DMMU 6-5	04/01/2023 13:00
23E2845-71	NV-HI-DMMU 7-1	04/01/2023 13:00
23E2845-72	NV-HI-DMMU 7-2	04/01/2023 13:00
23E2845-73	NV-HI-DMMU 7-3	04/01/2023 13:00
23E2845-74	NV-HI-DMMU 7-4	04/01/2023 13:00
23E2845-75	NV-HI-DMMU 7-5	04/01/2023 13:00
23E2845-76	NV-HI-DMMU 8-1	04/01/2023 13:00
23E2845-77	NV-HI-DMMU 8-2	04/01/2023 13:00
23E2845-78	NV-HI-DMMU 8-3	04/01/2023 13:00
23E2845-79	NV-HI-DMMU 8-4	04/01/2023 13:00
23E2845-80	NV-HI-DMMU 8-5	04/01/2023 13:00

Samples were received and accepted at NWDLS on 05/10/2023 15:00 (previously held in freezer storage). Any receiving discrepancies are recorded and stored in NWDLS' database. The samples received a Work Order of 23E2845. The lab sample IDs, client sample IDs, and dates of collection can be found at the top of each result page.

NWDLS provided their lowest detection limit for all requested analyses. Note that detection and reporting limits are adjusted to account for sample specific parameters.

Any QC that did not meet the laboratory specified control limits was flagged and reported with qualifiers. For additional information, please refer to the included quality control data pages.



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### Sample Results

Client Sample ID: MM-HI-DMMU 1-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-01      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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#### Metals, Total

EPA 200.8	Antimony	N	0.0174J	mg/kg dry	1	0.0118	0.147	BGE2501	06/18/2023 10:49	TBB
EPA 200.8	Arsenic	N	17.6	mg/kg dry	5	0.0905	0.368	BGE2501	06/18/2023 10:52	TBB
EPA 200.8	Beryllium	N	0.00221J	mg/kg dry	1	0.00147	0.0294	BGE2501	06/19/2023 13:13	TBB
EPA 200.8	Cadmium	N	0.224	mg/kg dry	1	0.00465	0.147	BGE2501	06/18/2023 10:49	TBB
EPA 200.8	Chromium	N	0.332V, J	mg/kg dry	1	0.0108	0.441	BGE2501	06/18/2023 10:49	TBB
EPA 200.8	Copper	N	8.43V	mg/kg dry	1	0.0128	0.147	BGE2501	06/18/2023 10:49	TBB
SW-7471B	Mercury	A	<0.0362U	mg/kg dry	1	0.0362	0.0724	BGE3529	06/12/2023 13:56	AKR
EPA 200.8	Lead	N	0.561	mg/kg dry	1	0.0111	0.0736	BGE2501	06/18/2023 10:49	TBB
EPA 200.8	Nickel	N	1.19V	mg/kg dry	1	0.00260	0.147	BGE2501	06/18/2023 10:49	TBB
EPA 200.8	Selenium	N	2.14	mg/kg dry	1	0.162	0.294	BGE2501	06/18/2023 10:49	TBB
EPA 200.8	Silver	N	0.144	mg/kg dry	1	0.00104	0.0736	BGE2501	06/19/2023 13:13	TBB
EPA 200.8	Thallium	N	0.00368J	mg/kg dry	1	0.00102	0.0736	BGE2501	06/18/2023 10:49	TBB
EPA 200.8	Zinc	N	63.4V	mg/kg dry	5	0.276	1.47	BGE2501	06/18/2023 10:52	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 1-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-02      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0183J	mg/kg dry	1	0.0116	0.144	BGE2501	06/18/2023 11:11	TBB
EPA 200.8	Arsenic	N	18.4	mg/kg dry	5	0.0886	0.360	BGE2501	06/18/2023 11:14	TBB
EPA 200.8	Beryllium	N	0.00389J	mg/kg dry	1	0.00144	0.0288	BGE2501	06/19/2023 13:20	TBB
EPA 200.8	Cadmium	N	0.254	mg/kg dry	1	0.00455	0.144	BGE2501	06/18/2023 11:11	TBB
EPA 200.8	Chromium	N	0.494V	mg/kg dry	1	0.0106	0.432	BGE2501	06/18/2023 11:11	TBB
EPA 200.8	Copper	N	10.5V	mg/kg dry	1	0.0125	0.144	BGE2501	06/18/2023 11:11	TBB
SW-7471B	Mercury	A	0.0456J	mg/kg dry	1	0.0335	0.0670	BGE3529	06/12/2023 13:59	AKR
EPA 200.8	Lead	N	0.548	mg/kg dry	1	0.0109	0.0720	BGE2501	06/18/2023 11:11	TBB
EPA 200.8	Nickel	N	1.26V	mg/kg dry	1	0.00255	0.144	BGE2501	06/21/2023 13:36	TBB
EPA 200.8	Selenium	N	2.28	mg/kg dry	1	0.158	0.288	BGE2501	06/18/2023 11:11	TBB
EPA 200.8	Silver	N	0.124	mg/kg dry	1	0.00102	0.0720	BGE2501	06/19/2023 13:20	TBB
EPA 200.8	Thallium	N	0.00389J	mg/kg dry	1	0.000994	0.0720	BGE2501	06/18/2023 11:11	TBB
EPA 200.8	Zinc	N	61.3V	mg/kg dry	5	0.270	1.44	BGE2501	06/18/2023 11:14	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 1-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-03      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0218J	mg/kg dry	1	0.0114	0.141	BGE2501	06/18/2023 11:16	TBB
EPA 200.8	Arsenic	N	18.8	mg/kg dry	5	0.0869	0.353	BGE2501	06/18/2023 11:19	TBB
EPA 200.8	Beryllium	N	0.00580J	mg/kg dry	1	0.00141	0.0283	BGE2501	06/19/2023 13:23	TBB
EPA 200.8	Cadmium	N	0.253	mg/kg dry	1	0.00447	0.141	BGE2501	06/18/2023 11:16	TBB
EPA 200.8	Chromium	N	0.543V	mg/kg dry	1	0.0104	0.424	BGE2501	06/18/2023 11:16	TBB
EPA 200.8	Copper	N	9.54V	mg/kg dry	1	0.0123	0.141	BGE2501	06/18/2023 11:16	TBB
SW-7471B	Mercury	A	0.0432J	mg/kg dry	1	0.0327	0.0655	BGE3529	06/12/2023 14:02	AKR
EPA 200.8	Lead	N	0.663	mg/kg dry	1	0.0107	0.0707	BGE2501	06/18/2023 11:16	TBB
EPA 200.8	Nickel	N	1.48V	mg/kg dry	1	0.00250	0.141	BGE2501	06/21/2023 13:38	TBB
EPA 200.8	Selenium	N	2.55	mg/kg dry	1	0.155	0.283	BGE2501	06/18/2023 11:16	TBB
EPA 200.8	Silver	N	0.128	mg/kg dry	1	0.00100	0.0707	BGE2501	06/19/2023 13:23	TBB
EPA 200.8	Thallium	N	0.00509J	mg/kg dry	1	0.000975	0.0707	BGE2501	06/18/2023 11:16	TBB
EPA 200.8	Zinc	N	151V	mg/kg dry	5	0.265	1.41	BGE2501	06/18/2023 11:19	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 1-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-04      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0352U	mg/kg dry	1	0.0352	0.438	BGE2501	06/18/2023 11:21	TBB
EPA 200.8	Arsenic	N	21.3	mg/kg dry	1	0.0538	0.219	BGE2501	06/18/2023 11:21	TBB
EPA 200.8	Beryllium	N	0.00700J	mg/kg dry	1	0.00438	0.0875	BGE2501	06/19/2023 13:25	TBB
EPA 200.8	Cadmium	N	0.278J	mg/kg dry	1	0.0138	0.438	BGE2501	06/18/2023 11:21	TBB
EPA 200.8	Chromium	N	0.678V, J	mg/kg dry	1	0.0322	1.31	BGE2501	06/18/2023 11:21	TBB
EPA 200.8	Copper	N	9.92V	mg/kg dry	1	0.0381	0.438	BGE2501	06/18/2023 11:21	TBB
SW-7471B	Mercury	A	0.0375J	mg/kg dry	1	0.0329	0.0657	BGE3529	06/12/2023 14:06	AKR
EPA 200.8	Lead	N	0.705	mg/kg dry	1	0.0330	0.219	BGE2501	06/18/2023 11:21	TBB
EPA 200.8	Nickel	N	1.77V	mg/kg dry	1	0.00775	0.438	BGE2501	06/21/2023 13:40	TBB
EPA 200.8	Selenium	N	2.27	mg/kg dry	1	0.481	0.875	BGE2501	06/18/2023 11:21	TBB
EPA 200.8	Silver	N	0.116J	mg/kg dry	1	0.00311	0.219	BGE2501	06/19/2023 13:25	TBB
EPA 200.8	Thallium	N	0.00481J	mg/kg dry	1	0.00302	0.219	BGE2501	06/18/2023 11:21	TBB
EPA 200.8	Zinc	N	81.4V	mg/kg dry	1	0.164	0.875	BGE2501	06/18/2023 11:21	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 1-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-05      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0179J	mg/kg dry	1	0.0103	0.128	BGE2501	06/18/2023 11:26	TBB
EPA 200.8	Arsenic	N	14.0	mg/kg dry	5	0.0787	0.320	BGE2501	06/18/2023 11:29	TBB
EPA 200.8	Beryllium	N	0.0132J	mg/kg dry	1	0.00128	0.0256	BGE2501	06/19/2023 13:27	TBB
EPA 200.8	Cadmium	N	0.212	mg/kg dry	1	0.00404	0.128	BGE2501	06/18/2023 11:26	TBB
EPA 200.8	Chromium	N	1.79V	mg/kg dry	1	0.00940	0.384	BGE2501	06/18/2023 11:26	TBB
EPA 200.8	Copper	N	7.94V	mg/kg dry	1	0.0111	0.128	BGE2501	06/18/2023 11:26	TBB
SW-7471B	Mercury	A	0.0453J	mg/kg dry	1	0.0307	0.0614	BGE3529	06/12/2023 14:09	AKR
EPA 200.8	Lead	N	0.764	mg/kg dry	1	0.00966	0.0639	BGE2501	06/18/2023 11:26	TBB
EPA 200.8	Nickel	N	1.80V	mg/kg dry	1	0.00226	0.128	BGE2501	06/21/2023 13:43	TBB
EPA 200.8	Selenium	N	2.03	mg/kg dry	1	0.141	0.256	BGE2501	06/18/2023 11:26	TBB
EPA 200.8	Silver	N	0.0884	mg/kg dry	1	0.000908	0.0639	BGE2501	06/19/2023 13:27	TBB
EPA 200.8	Thallium	N	0.00473J	mg/kg dry	1	0.000882	0.0639	BGE2501	06/18/2023 11:26	TBB
EPA 200.8	Zinc	N	113V	mg/kg dry	5	0.240	1.28	BGE2501	06/18/2023 11:29	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 2-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-06      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0165J	mg/kg dry	1	0.0116	0.144	BGE2501	06/18/2023 11:38	TBB
EPA 200.8	Arsenic	N	16.9	mg/kg dry	5	0.0888	0.361	BGE2501	06/18/2023 11:41	TBB
EPA 200.8	Beryllium	N	0.00419J	mg/kg dry	1	0.00144	0.0289	BGE2501	06/19/2023 13:30	TBB
EPA 200.8	Cadmium	N	0.266	mg/kg dry	1	0.00456	0.144	BGE2501	06/18/2023 11:38	TBB
EPA 200.8	Chromium	N	0.604V	mg/kg dry	1	0.0106	0.433	BGE2501	06/18/2023 11:38	TBB
EPA 200.8	Copper	N	9.86V	mg/kg dry	1	0.0126	0.144	BGE2501	06/18/2023 11:38	TBB
SW-7471B	Mercury	A	0.0412J	mg/kg dry	1	0.0351	0.0701	BGE3529	06/12/2023 14:12	AKR
EPA 200.8	Lead	N	0.708	mg/kg dry	1	0.0109	0.0722	BGE2501	06/18/2023 11:38	TBB
EPA 200.8	Nickel	N	1.24V	mg/kg dry	1	0.00255	0.144	BGE2501	06/21/2023 13:45	TBB
EPA 200.8	Selenium	N	2.30	mg/kg dry	1	0.159	0.289	BGE2501	06/18/2023 11:38	TBB
EPA 200.8	Silver	N	0.0963	mg/kg dry	1	0.00102	0.0722	BGE2501	06/19/2023 13:30	TBB
EPA 200.8	Thallium	N	0.00491J	mg/kg dry	1	0.000996	0.0722	BGE2501	06/18/2023 11:38	TBB
EPA 200.8	Zinc	N	312V	mg/kg dry	10	0.542	2.89	BGE2501	06/20/2023 12:04	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 2-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-07      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0172J	mg/kg dry	1	0.0115	0.143	BGE2501	06/18/2023 11:43	TBB
EPA 200.8	Arsenic	N	18.2	mg/kg dry	5	0.0881	0.358	BGE2501	06/18/2023 11:46	TBB
EPA 200.8	Beryllium	N	0.00430J	mg/kg dry	1	0.00143	0.0286	BGE2501	06/19/2023 13:32	TBB
EPA 200.8	Cadmium	N	0.286	mg/kg dry	1	0.00453	0.143	BGE2501	06/18/2023 11:43	TBB
EPA 200.8	Chromium	N	0.905V	mg/kg dry	1	0.0105	0.430	BGE2501	06/18/2023 11:43	TBB
EPA 200.8	Copper	N	9.46V	mg/kg dry	1	0.0125	0.143	BGE2501	06/18/2023 11:43	TBB
SW-7471B	Mercury	A	0.0403J	mg/kg dry	1	0.0359	0.0719	BGE3529	06/12/2023 14:22	AKR
EPA 200.8	Lead	N	0.752	mg/kg dry	1	0.0108	0.0716	BGE2501	06/18/2023 11:43	TBB
EPA 200.8	Nickel	N	1.51V	mg/kg dry	1	0.00253	0.143	BGE2501	06/21/2023 13:48	TBB
EPA 200.8	Selenium	N	2.34	mg/kg dry	1	0.158	0.286	BGE2501	06/18/2023 11:43	TBB
EPA 200.8	Silver	N	0.0859	mg/kg dry	1	0.00102	0.0716	BGE2501	06/19/2023 13:32	TBB
EPA 200.8	Thallium	N	0.00444J	mg/kg dry	1	0.000988	0.0716	BGE2501	06/18/2023 11:43	TBB
EPA 200.8	Zinc	N	319V	mg/kg dry	10	0.538	2.86	BGE2501	06/20/2023 12:07	TBB





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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 2-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-08      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0156J	mg/kg dry	1	0.0110	0.137	BGE2501	06/18/2023 11:48	TBB
EPA 200.8	Arsenic	N	16.5	mg/kg dry	5	0.0841	0.342	BGE2501	06/18/2023 11:51	TBB
EPA 200.8	Beryllium	N	0.00602J	mg/kg dry	1	0.00137	0.0273	BGE2501	06/19/2023 13:42	TBB
EPA 200.8	Cadmium	N	0.256	mg/kg dry	1	0.00432	0.137	BGE2501	06/18/2023 11:48	TBB
EPA 200.8	Chromium	N	1.42V	mg/kg dry	1	0.0101	0.410	BGE2501	06/18/2023 11:48	TBB
EPA 200.8	Copper	N	8.23V	mg/kg dry	1	0.0119	0.137	BGE2501	06/18/2023 11:48	TBB
SW-7471B	Mercury	A	<0.0318U	mg/kg dry	1	0.0318	0.0636	BGE3529	06/12/2023 13:46	AKR
EPA 200.8	Lead	N	0.670	mg/kg dry	1	0.0103	0.0684	BGE2501	06/18/2023 11:48	TBB
EPA 200.8	Nickel	N	1.72V	mg/kg dry	1	0.00242	0.137	BGE2501	07/06/2023 10:08	TBB
EPA 200.8	Selenium	N	2.07	mg/kg dry	1	0.150	0.273	BGE2501	06/18/2023 11:48	TBB
EPA 200.8	Silver	N	0.0753	mg/kg dry	1	0.000971	0.0684	BGE2501	06/19/2023 13:42	TBB
EPA 200.8	Thallium	N	0.00451J	mg/kg dry	1	0.000943	0.0684	BGE2501	06/18/2023 11:48	TBB
EPA 200.8	Zinc	N	179V	mg/kg dry	5	0.257	1.37	BGE2501	06/18/2023 11:51	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 2-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-09      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0177J	mg/kg dry	1	0.0114	0.142	BGE2501	06/18/2023 11:53	TBB
EPA 200.8	Arsenic	N	15.5	mg/kg dry	5	0.0871	0.354	BGE2501	06/18/2023 11:56	TBB
EPA 200.8	Beryllium	N	0.00396J	mg/kg dry	1	0.00142	0.0283	BGE2501	06/19/2023 13:44	TBB
EPA 200.8	Cadmium	N	0.274	mg/kg dry	1	0.00447	0.142	BGE2501	06/18/2023 11:53	TBB
EPA 200.8	Chromium	N	1.40V	mg/kg dry	1	0.0104	0.425	BGE2501	06/18/2023 11:53	TBB
EPA 200.8	Copper	N	7.66V	mg/kg dry	1	0.0123	0.142	BGE2501	06/18/2023 11:53	TBB
SW-7471B	Mercury	A	0.0399J	mg/kg dry	1	0.0347	0.0693	BGE3529	06/12/2023 14:26	AKR
EPA 200.8	Lead	N	0.670	mg/kg dry	1	0.0107	0.0708	BGE2501	06/18/2023 11:53	TBB
EPA 200.8	Nickel	N	1.63V	mg/kg dry	1	0.00251	0.142	BGE2501	07/06/2023 10:11	TBB
EPA 200.8	Selenium	N	2.04	mg/kg dry	1	0.156	0.283	BGE2501	06/18/2023 11:53	TBB
EPA 200.8	Silver	N	0.0651J	mg/kg dry	1	0.00101	0.0708	BGE2501	06/19/2023 13:44	TBB
EPA 200.8	Thallium	N	0.00425J	mg/kg dry	1	0.000977	0.0708	BGE2501	06/18/2023 11:53	TBB
EPA 200.8	Zinc	N	73.7V	mg/kg dry	5	0.266	1.42	BGE2501	06/18/2023 11:56	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 2-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-10      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0172J	mg/kg dry	1	0.0111	0.138	BGE2501	06/18/2023 11:58	TBB
EPA 200.8	Arsenic	N	15.0	mg/kg dry	5	0.0847	0.344	BGE2501	06/18/2023 12:01	TBB
EPA 200.8	Beryllium	N	0.0102J	mg/kg dry	1	0.00138	0.0275	BGE2501	06/19/2023 13:47	TBB
EPA 200.8	Cadmium	N	0.261	mg/kg dry	1	0.00435	0.138	BGE2501	06/18/2023 11:58	TBB
EPA 200.8	Chromium	N	0.757V	mg/kg dry	1	0.0101	0.413	BGE2501	06/18/2023 11:58	TBB
EPA 200.8	Copper	N	7.80V	mg/kg dry	1	0.0120	0.138	BGE2501	06/18/2023 11:58	TBB
SW-7471B	Mercury	A	0.0336J	mg/kg dry	1	0.0328	0.0656	BGE3529	06/12/2023 14:29	AKR
EPA 200.8	Lead	N	0.842	mg/kg dry	1	0.0104	0.0689	BGE2501	06/18/2023 11:58	TBB
EPA 200.8	Nickel	N	1.52V	mg/kg dry	1	0.00244	0.138	BGE2501	07/06/2023 10:20	TBB
EPA 200.8	Selenium	N	2.03	mg/kg dry	1	0.151	0.275	BGE2501	06/18/2023 11:58	TBB
EPA 200.8	Silver	N	0.0574J	mg/kg dry	1	0.000978	0.0689	BGE2501	06/19/2023 13:47	TBB
EPA 200.8	Thallium	N	0.00441J	mg/kg dry	1	0.000950	0.0689	BGE2501	06/18/2023 11:58	TBB
EPA 200.8	Zinc	N	359V	mg/kg dry	10	0.517	2.75	BGE2501	06/20/2023 12:09	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 3-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-11      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0206J	mg/kg dry	1	0.0133	0.165	BGE2501	06/18/2023 12:10	TBB
EPA 200.8	Arsenic	N	14.7	mg/kg dry	5	0.102	0.413	BGE2501	06/18/2023 12:13	TBB
EPA 200.8	Beryllium	N	0.00528J	mg/kg dry	1	0.00165	0.0330	BGE2501	06/19/2023 13:49	TBB
EPA 200.8	Cadmium	N	0.236	mg/kg dry	1	0.00522	0.165	BGE2501	06/18/2023 12:10	TBB
EPA 200.8	Chromium	N	0.466V, J	mg/kg dry	1	0.0121	0.495	BGE2501	06/18/2023 12:10	TBB
EPA 200.8	Copper	N	7.46V	mg/kg dry	1	0.0144	0.165	BGE2501	06/21/2023 14:05	TBB
SW-7471B	Mercury	A	<0.0384U	mg/kg dry	1	0.0384	0.0768	BGE3529	06/12/2023 14:32	AKR
EPA 200.8	Lead	N	0.757	mg/kg dry	1	0.0125	0.0826	BGE2501	06/18/2023 12:10	TBB
EPA 200.8	Nickel	N	1.20V	mg/kg dry	1	0.00292	0.165	BGE2501	07/06/2023 10:23	TBB
EPA 200.8	Selenium	N	2.17	mg/kg dry	1	0.182	0.330	BGE2501	06/18/2023 12:10	TBB
EPA 200.8	Silver	N	0.124	mg/kg dry	1	0.00117	0.0826	BGE2501	06/19/2023 13:49	TBB
EPA 200.8	Thallium	N	0.00264J	mg/kg dry	1	0.00114	0.0826	BGE2501	06/18/2023 12:10	TBB
EPA 200.8	Zinc	N	171V	mg/kg dry	5	0.310	1.65	BGE2501	06/18/2023 12:13	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 3-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-12      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0180J	mg/kg dry	1	0.0112	0.139	BGE2501	06/18/2023 12:25	TBB
EPA 200.8	Arsenic	N	15.3	mg/kg dry	5	0.0856	0.348	BGE2501	06/18/2023 12:28	TBB
EPA 200.8	Beryllium	N	0.00348J	mg/kg dry	1	0.00139	0.0278	BGE2501	06/19/2023 13:56	TBB
EPA 200.8	Cadmium	N	0.224	mg/kg dry	1	0.00440	0.139	BGE2501	06/18/2023 12:25	TBB
EPA 200.8	Chromium	N	0.653V	mg/kg dry	1	0.0102	0.418	BGE2501	06/18/2023 12:25	TBB
EPA 200.8	Copper	N	8.14V	mg/kg dry	1	0.0121	0.139	BGE2501	06/21/2023 14:12	TBB
SW-7471B	Mercury	A	0.0357J	mg/kg dry	1	0.0329	0.0658	BGE3529	06/12/2023 14:36	AKR
EPA 200.8	Lead	N	0.749	mg/kg dry	1	0.0105	0.0696	BGE2501	06/18/2023 12:25	TBB
EPA 200.8	Nickel	N	1.37V	mg/kg dry	1	0.00246	0.139	BGE2501	07/06/2023 10:33	TBB
EPA 200.8	Selenium	N	2.30	mg/kg dry	1	0.153	0.278	BGE2501	06/18/2023 12:25	TBB
EPA 200.8	Silver	N	0.0991	mg/kg dry	1	0.000988	0.0696	BGE2501	06/19/2023 13:56	TBB
EPA 200.8	Thallium	N	0.00306J	mg/kg dry	1	0.000960	0.0696	BGE2501	06/18/2023 12:25	TBB
EPA 200.8	Zinc	N	68.6V	mg/kg dry	5	0.261	1.39	BGE2501	06/18/2023 12:28	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 3-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-13      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0168J	mg/kg dry	1	0.0118	0.146	BGE2501	06/18/2023 12:30	TBB
EPA 200.8	Arsenic	N	14.5	mg/kg dry	5	0.0900	0.366	BGE2501	06/18/2023 12:33	TBB
EPA 200.8	Beryllium	N	0.00351J	mg/kg dry	1	0.00146	0.0293	BGE2501	06/19/2023 13:59	TBB
EPA 200.8	Cadmium	N	0.195	mg/kg dry	1	0.00462	0.146	BGE2501	06/18/2023 12:30	TBB
EPA 200.8	Chromium	N	0.688V	mg/kg dry	1	0.0108	0.439	BGE2501	06/18/2023 12:30	TBB
EPA 200.8	Copper	N	7.96V	mg/kg dry	1	0.0127	0.146	BGE2501	06/21/2023 14:14	TBB
SW-7471B	Mercury	A	0.0456J	mg/kg dry	1	0.0343	0.0686	BGE3529	06/12/2023 14:39	AKR
EPA 200.8	Lead	N	0.683	mg/kg dry	1	0.0110	0.0731	BGE2501	06/18/2023 12:30	TBB
EPA 200.8	Nickel	N	1.27V	mg/kg dry	1	0.00259	0.146	BGE2501	07/06/2023 10:35	TBB
EPA 200.8	Selenium	N	2.27	mg/kg dry	1	0.161	0.293	BGE2501	06/18/2023 12:30	TBB
EPA 200.8	Silver	N	0.0768	mg/kg dry	1	0.00104	0.0731	BGE2501	06/19/2023 13:59	TBB
EPA 200.8	Thallium	N	0.00249J	mg/kg dry	1	0.00101	0.0731	BGE2501	06/18/2023 12:30	TBB
EPA 200.8	Zinc	N	60.2V	mg/kg dry	5	0.275	1.46	BGE2501	06/18/2023 12:33	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 3-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-14      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0184J	mg/kg dry	1	0.0111	0.137	BGE2501	06/18/2023 12:42	TBB
EPA 200.8	Arsenic	N	15.0	mg/kg dry	5	0.0845	0.343	BGE2501	06/18/2023 12:45	TBB
EPA 200.8	Beryllium	N	0.00426J	mg/kg dry	1	0.00137	0.0275	BGE2501	06/19/2023 14:01	TBB
EPA 200.8	Cadmium	N	0.201	mg/kg dry	1	0.00434	0.137	BGE2501	06/18/2023 12:42	TBB
EPA 200.8	Chromium	N	0.784V	mg/kg dry	1	0.0101	0.412	BGE2501	06/18/2023 12:42	TBB
EPA 200.8	Copper	N	7.31V	mg/kg dry	1	0.0120	0.137	BGE2501	06/21/2023 14:17	TBB
SW-7471B	Mercury	A	0.0345J	mg/kg dry	1	0.0338	0.0676	BGE3529	06/12/2023 14:42	AKR
EPA 200.8	Lead	N	0.696	mg/kg dry	1	0.0104	0.0687	BGE2501	06/18/2023 12:42	TBB
EPA 200.8	Nickel	N	1.18V	mg/kg dry	1	0.00243	0.137	BGE2501	07/06/2023 10:38	TBB
EPA 200.8	Selenium	N	2.21	mg/kg dry	1	0.151	0.275	BGE2501	06/18/2023 12:42	TBB
EPA 200.8	Silver	N	0.111	mg/kg dry	1	0.000975	0.0687	BGE2501	06/19/2023 14:01	TBB
EPA 200.8	Thallium	N	0.00385J	mg/kg dry	1	0.000948	0.0687	BGE2501	06/18/2023 12:42	TBB
EPA 200.8	Zinc	N	126V	mg/kg dry	5	0.258	1.37	BGE2501	06/18/2023 12:45	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 3-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-15      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
<b>Metals, Total</b>										
EPA 200.8	Antimony	N	0.0158J	mg/kg dry	1	0.0110	0.137	BGE2501	06/18/2023 12:47	TBB
EPA 200.8	Arsenic	N	15.0	mg/kg dry	5	0.0844	0.343	BGE2501	06/18/2023 12:50	TBB
EPA 200.8	Beryllium	N	0.00261J	mg/kg dry	1	0.00137	0.0274	BGE2501	06/19/2023 14:04	TBB
EPA 200.8	Cadmium	N	0.207	mg/kg dry	1	0.00433	0.137	BGE2501	06/18/2023 12:47	TBB
EPA 200.8	Chromium	N	0.579V	mg/kg dry	1	0.0101	0.411	BGE2501	06/18/2023 12:47	TBB
EPA 200.8	Copper	N	8.03V	mg/kg dry	1	0.0119	0.137	BGE2501	06/21/2023 14:19	TBB
SW-7471B	Mercury	A	0.0461J	mg/kg dry	1	0.0319	0.0638	BGE3529	06/12/2023 15:02	AKR
EPA 200.8	Lead	N	0.607	mg/kg dry	1	0.0104	0.0686	BGE2501	06/18/2023 12:47	TBB
EPA 200.8	Nickel	N	1.33V	mg/kg dry	1	0.00243	0.137	BGE2501	07/06/2023 10:40	TBB
EPA 200.8	Selenium	N	2.31	mg/kg dry	1	0.151	0.274	BGE2501	06/18/2023 12:47	TBB
EPA 200.8	Silver	N	0.0914	mg/kg dry	1	0.000974	0.0686	BGE2501	06/19/2023 14:04	TBB
EPA 200.8	Thallium	N	0.00274J	mg/kg dry	1	0.000946	0.0686	BGE2501	06/18/2023 12:47	TBB
EPA 200.8	Zinc	N	114V	mg/kg dry	5	0.258	1.37	BGE2501	06/18/2023 12:50	TBB





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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-16      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0170J	mg/kg dry	1	0.0108	0.134	BGE2501	06/18/2023 12:52	TBB
EPA 200.8	Arsenic	N	15.9	mg/kg dry	5	0.0822	0.334	BGE2501	06/18/2023 12:55	TBB
EPA 200.8	Beryllium	N	0.00401J	mg/kg dry	1	0.00134	0.0267	BGE2501	07/06/2023 10:43	TBB
EPA 200.8	Cadmium	N	0.262	mg/kg dry	1	0.00423	0.134	BGE2501	06/18/2023 12:52	TBB
EPA 200.8	Chromium	N	0.337V, J	mg/kg dry	1	0.00983	0.401	BGE2501	06/18/2023 12:52	TBB
EPA 200.8	Copper	N	7.33V	mg/kg dry	1	0.0116	0.134	BGE2501	06/21/2023 14:29	TBB
SW-7471B	Mercury	A	0.0324J	mg/kg dry	1	0.0313	0.0627	BGE3529	06/12/2023 14:46	AKR
EPA 200.8	Lead	N	0.597	mg/kg dry	1	0.0101	0.0669	BGE2501	06/18/2023 12:52	TBB
EPA 200.8	Nickel	N	1.68V	mg/kg dry	1	0.00237	0.134	BGE2501	07/06/2023 10:43	TBB
EPA 200.8	Selenium	N	2.07	mg/kg dry	1	0.147	0.267	BGE2501	06/18/2023 12:52	TBB
EPA 200.8	Silver	N	0.122	mg/kg dry	1	0.000949	0.0669	BGE2501	06/19/2023 14:14	TBB
EPA 200.8	Thallium	N	0.00374J	mg/kg dry	1	0.000923	0.0669	BGE2501	06/18/2023 12:52	TBB
EPA 200.8	Zinc	N	216V	mg/kg dry	5	0.251	1.34	BGE2501	06/18/2023 12:55	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-17      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0150J	mg/kg dry	1	0.0130	0.162	BGE2501	06/18/2023 12:57	TBB
EPA 200.8	Arsenic	N	16.9	mg/kg dry	5	0.0994	0.404	BGE2501	06/18/2023 13:00	TBB
EPA 200.8	Beryllium	N	0.00178J	mg/kg dry	1	0.00162	0.0323	BGE2501	07/06/2023 10:52	TBB
EPA 200.8	Cadmium	N	0.229	mg/kg dry	1	0.00511	0.162	BGE2501	06/18/2023 12:57	TBB
EPA 200.8	Chromium	N	0.331V, J	mg/kg dry	1	0.0119	0.485	BGE2501	06/18/2023 12:57	TBB
EPA 200.8	Copper	N	7.95V	mg/kg dry	1	0.0141	0.162	BGE2501	06/21/2023 14:31	TBB
SW-7471B	Mercury	A	<0.0404U	mg/kg dry	1	0.0404	0.0808	BGE3529	06/12/2023 15:06	AKR
EPA 200.8	Lead	N	0.611	mg/kg dry	1	0.0122	0.0808	BGE2501	06/18/2023 12:57	TBB
EPA 200.8	Nickel	N	1.67V	mg/kg dry	1	0.00286	0.162	BGE2501	07/06/2023 10:52	TBB
EPA 200.8	Selenium	N	2.08	mg/kg dry	1	0.178	0.323	BGE2501	06/18/2023 12:57	TBB
EPA 200.8	Silver	N	0.0896	mg/kg dry	1	0.00115	0.0808	BGE2501	06/19/2023 14:16	TBB
EPA 200.8	Thallium	N	0.00372J	mg/kg dry	1	0.00112	0.0808	BGE2501	06/18/2023 12:57	TBB
EPA 200.8	Zinc	N	157V	mg/kg dry	5	0.303	1.62	BGE2501	06/18/2023 13:00	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-18      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0142J	mg/kg dry	1	0.0112	0.139	BGE2501	06/18/2023 13:02	TBB
EPA 200.8	Arsenic	N	12.5	mg/kg dry	5	0.0857	0.349	BGE2501	06/18/2023 13:04	TBB
EPA 200.8	Beryllium	N	0.00697J	mg/kg dry	1	0.00139	0.0279	BGE2501	07/06/2023 10:55	TBB
EPA 200.8	Cadmium	N	0.207	mg/kg dry	1	0.00441	0.139	BGE2501	06/18/2023 13:02	TBB
EPA 200.8	Chromium	N	1.11V	mg/kg dry	1	0.0102	0.418	BGE2501	06/18/2023 13:02	TBB
EPA 200.8	Copper	N	5.64V	mg/kg dry	1	0.0121	0.139	BGE2501	06/21/2023 14:34	TBB
SW-7471B	Mercury	A	0.0451J	mg/kg dry	1	0.0341	0.0683	BGE3529	06/12/2023 15:09	AKR
EPA 200.8	Lead	N	0.542	mg/kg dry	1	0.0105	0.0697	BGE2501	06/18/2023 13:02	TBB
EPA 200.8	Nickel	N	1.65V	mg/kg dry	1	0.00247	0.139	BGE2501	07/06/2023 10:55	TBB
EPA 200.8	Selenium	N	1.60	mg/kg dry	1	0.153	0.279	BGE2501	06/18/2023 13:02	TBB
EPA 200.8	Silver	N	0.0722	mg/kg dry	1	0.000990	0.0697	BGE2501	06/19/2023 14:18	TBB
EPA 200.8	Thallium	N	0.00335J	mg/kg dry	1	0.000962	0.0697	BGE2501	06/18/2023 13:02	TBB
EPA 200.8	Zinc	N	114V	mg/kg dry	5	0.262	1.39	BGE2501	06/18/2023 13:04	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-19      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0166J	mg/kg dry	1	0.0112	0.139	BGE2501	06/18/2023 13:14	TBB
EPA 200.8	Arsenic	N	15.0	mg/kg dry	5	0.0852	0.346	BGE2501	06/18/2023 13:17	TBB
EPA 200.8	Beryllium	N	0.00887J	mg/kg dry	1	0.00139	0.0277	BGE2501	07/06/2023 10:57	TBB
EPA 200.8	Cadmium	N	0.222	mg/kg dry	1	0.00438	0.139	BGE2501	06/18/2023 13:14	TBB
EPA 200.8	Chromium	N	1.29V	mg/kg dry	1	0.0102	0.416	BGE2501	06/18/2023 13:14	TBB
EPA 200.8	Copper	N	6.54V	mg/kg dry	1	0.0121	0.139	BGE2501	06/21/2023 14:36	TBB
SW-7471B	Mercury	A	0.0437J	mg/kg dry	1	0.0327	0.0654	BGE3529	06/12/2023 15:12	AKR
EPA 200.8	Lead	N	0.734	mg/kg dry	1	0.0105	0.0693	BGE2501	06/18/2023 13:14	TBB
EPA 200.8	Nickel	N	2.04V	mg/kg dry	1	0.00245	0.139	BGE2501	07/06/2023 10:57	TBB
EPA 200.8	Selenium	N	2.01	mg/kg dry	1	0.152	0.277	BGE2501	06/18/2023 13:14	TBB
EPA 200.8	Silver	N	0.0896	mg/kg dry	1	0.000984	0.0693	BGE2501	06/19/2023 14:21	TBB
EPA 200.8	Thallium	N	0.00457J	mg/kg dry	1	0.000956	0.0693	BGE2501	06/18/2023 13:14	TBB
EPA 200.8	Zinc	N	57.3V	mg/kg dry	5	0.260	1.39	BGE2501	06/18/2023 13:17	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-20      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0220J	mg/kg dry	1	0.0125	0.155	BGE2508	06/15/2023 10:19	TBB
EPA 200.8	Arsenic	N	16.3	mg/kg dry	5	0.0952	0.387	BGE2508	06/15/2023 10:21	TBB
EPA 200.8	Beryllium	N	0.00727J	mg/kg dry	1	0.00155	0.0310	BGE2508	06/15/2023 10:19	TBB
EPA 200.8	Cadmium	N	0.259	mg/kg dry	1	0.00489	0.155	BGE2508	06/15/2023 10:19	TBB
EPA 200.8	Chromium	N	2.76V	mg/kg dry	1	0.0114	0.464	BGE2508	06/15/2023 10:19	TBB
EPA 200.8	Copper	N	15.1V	mg/kg dry	1	0.0135	0.155	BGE2508	06/15/2023 10:19	TBB
SW-7471B	Mercury	A	<0.0366U	mg/kg dry	1	0.0366	0.0731	BGE3529	06/12/2023 15:15	AKR
EPA 200.8	Lead	N	1.08	mg/kg dry	1	0.0117	0.0774	BGE2508	06/15/2023 10:19	TBB
EPA 200.8	Nickel	N	2.40V	mg/kg dry	1	0.00274	0.155	BGE2508	06/15/2023 10:19	TBB
EPA 200.8	Selenium	N	2.09	mg/kg dry	1	0.170	0.310	BGE2508	06/15/2023 10:19	TBB
EPA 200.8	Silver	N	0.115V	mg/kg dry	1	0.00110	0.0774	BGE2508	06/15/2023 10:19	TBB
EPA 200.8	Thallium	N	0.00511V, J	mg/kg dry	1	0.00107	0.0774	BGE2508	06/15/2023 10:19	TBB
EPA 200.8	Zinc	N	114V	mg/kg dry	5	0.291	1.55	BGE2508	06/20/2023 12:21	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 5-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-21      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
<b>Metals, Total</b>										
EPA 200.8	Antimony	N	0.0281J	mg/kg dry	1	0.0116	0.145	BGE2508	06/15/2023 10:34	TBB
EPA 200.8	Arsenic	N	15.0	mg/kg dry	10	0.178	0.723	BGE2508	06/15/2023 13:05	TBB
EPA 200.8	Beryllium	N	0.00824J	mg/kg dry	1	0.00145	0.0289	BGE2508	06/15/2023 10:34	TBB
EPA 200.8	Cadmium	N	0.207	mg/kg dry	1	0.00457	0.145	BGE2508	06/15/2023 10:34	TBB
EPA 200.8	Chromium	N	1.76V	mg/kg dry	1	0.0106	0.434	BGE2508	06/15/2023 10:34	TBB
EPA 200.8	Copper	N	18.1V	mg/kg dry	1	0.0126	0.145	BGE2508	06/15/2023 10:34	TBB
SW-7471B	Mercury	A	<0.0344U	mg/kg dry	1	0.0344	0.0689	BGE3650	06/12/2023 15:48	AKR
EPA 200.8	Lead	N	1.18	mg/kg dry	1	0.0109	0.0723	BGE2508	06/15/2023 10:34	TBB
EPA 200.8	Nickel	N	1.45V	mg/kg dry	1	0.00256	0.145	BGE2508	06/15/2023 10:34	TBB
EPA 200.8	Selenium	N	2.08	mg/kg dry	1	0.159	0.289	BGE2508	06/15/2023 10:34	TBB
EPA 200.8	Silver	N	0.125V	mg/kg dry	1	0.00103	0.0723	BGE2508	06/15/2023 10:34	TBB
EPA 200.8	Thallium	N	0.00362V, J	mg/kg dry	1	0.000998	0.0723	BGE2508	06/15/2023 10:34	TBB
EPA 200.8	Zinc	N	475V	mg/kg dry	10	0.543	2.89	BGE2508	06/20/2023 12:43	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 5-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-22      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0200J	mg/kg dry	1	0.0118	0.147	BGE2508	06/15/2023 13:07	TBB
EPA 200.8	Arsenic	N	16.9	mg/kg dry	5	0.0905	0.368	BGE2508	06/15/2023 13:10	TBB
EPA 200.8	Beryllium	N	0.00280J	mg/kg dry	1	0.00147	0.0294	BGE2508	06/15/2023 13:07	TBB
EPA 200.8	Cadmium	N	0.233	mg/kg dry	1	0.00465	0.147	BGE2508	06/15/2023 13:07	TBB
EPA 200.8	Chromium	N	0.679V	mg/kg dry	1	0.0108	0.442	BGE2508	06/15/2023 13:07	TBB
EPA 200.8	Copper	N	9.73V	mg/kg dry	1	0.0128	0.147	BGE2508	06/15/2023 13:07	TBB
SW-7471B	Mercury	A	<0.0362U	mg/kg dry	1	0.0362	0.0724	BGE3650	06/12/2023 15:51	AKR
EPA 200.8	Lead	N	0.652	mg/kg dry	1	0.0111	0.0736	BGE2508	06/15/2023 13:07	TBB
EPA 200.8	Nickel	N	1.10V	mg/kg dry	1	0.00260	0.147	BGE2508	06/15/2023 13:07	TBB
EPA 200.8	Selenium	N	2.06	mg/kg dry	1	0.162	0.294	BGE2508	06/15/2023 13:07	TBB
EPA 200.8	Silver	N	0.119V	mg/kg dry	1	0.00104	0.0736	BGE2508	06/15/2023 13:07	TBB
EPA 200.8	Thallium	N	0.00309V, J	mg/kg dry	1	0.00102	0.0736	BGE2508	06/15/2023 13:07	TBB
EPA 200.8	Zinc	N	244V	mg/kg dry	5	0.276	1.47	BGE2508	06/20/2023 12:48	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 5-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-23      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0253J	mg/kg dry	1	0.0112	0.139	BGE2508	06/15/2023 13:12	TBB
EPA 200.8	Arsenic	N	13.2	mg/kg dry	5	0.0855	0.348	BGE2508	06/15/2023 13:14	TBB
EPA 200.8	Beryllium	N	0.0100J	mg/kg dry	1	0.00139	0.0278	BGE2508	06/15/2023 13:12	TBB
EPA 200.8	Cadmium	N	0.201	mg/kg dry	1	0.00439	0.139	BGE2508	06/15/2023 13:12	TBB
EPA 200.8	Chromium	N	2.50V	mg/kg dry	1	0.0102	0.417	BGE2508	06/15/2023 13:12	TBB
EPA 200.8	Copper	N	16.0V	mg/kg dry	1	0.0121	0.139	BGE2508	06/15/2023 13:12	TBB
SW-7471B	Mercury	A	<0.0350U	mg/kg dry	1	0.0350	0.0701	BGE3650	06/12/2023 15:54	AKR
EPA 200.8	Lead	N	1.06	mg/kg dry	1	0.0105	0.0695	BGE2508	06/15/2023 13:12	TBB
EPA 200.8	Nickel	N	1.60V	mg/kg dry	1	0.00246	0.139	BGE2508	06/15/2023 13:12	TBB
EPA 200.8	Selenium	N	1.96	mg/kg dry	1	0.153	0.278	BGE2508	06/15/2023 13:12	TBB
EPA 200.8	Silver	N	0.0961V	mg/kg dry	1	0.000987	0.0695	BGE2508	06/15/2023 13:12	TBB
EPA 200.8	Thallium	N	0.00375V, J	mg/kg dry	1	0.000960	0.0695	BGE2508	06/15/2023 13:12	TBB
EPA 200.8	Zinc	N	92.7V	mg/kg dry	5	0.261	1.39	BGE2508	06/20/2023 12:53	TBB





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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 5-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-24      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0284J	mg/kg dry	1	0.0112	0.139	BGE2508	06/15/2023 13:17	TBB
EPA 200.8	Arsenic	N	12.9	mg/kg dry	5	0.0853	0.347	BGE2508	06/15/2023 13:19	TBB
EPA 200.8	Beryllium	N	0.0114J	mg/kg dry	1	0.00139	0.0278	BGE2508	06/15/2023 13:17	TBB
EPA 200.8	Cadmium	N	0.184	mg/kg dry	1	0.00438	0.139	BGE2508	06/15/2023 13:17	TBB
EPA 200.8	Chromium	N	4.63V	mg/kg dry	1	0.0102	0.416	BGE2508	06/15/2023 13:17	TBB
EPA 200.8	Copper	N	17.8V	mg/kg dry	1	0.0121	0.139	BGE2508	06/15/2023 13:17	TBB
SW-7471B	Mercury	A	<0.0343U	mg/kg dry	1	0.0343	0.0685	BGE3650	06/12/2023 15:58	AKR
EPA 200.8	Lead	N	1.15	mg/kg dry	1	0.0105	0.0694	BGE2508	06/15/2023 13:17	TBB
EPA 200.8	Nickel	N	2.43V	mg/kg dry	1	0.00246	0.139	BGE2508	06/15/2023 13:17	TBB
EPA 200.8	Selenium	N	1.84	mg/kg dry	1	0.153	0.278	BGE2508	06/15/2023 13:17	TBB
EPA 200.8	Silver	N	0.0910V	mg/kg dry	1	0.000985	0.0694	BGE2508	06/15/2023 13:17	TBB
EPA 200.8	Thallium	N	0.00402V, J	mg/kg dry	1	0.000957	0.0694	BGE2508	06/15/2023 13:17	TBB
EPA 200.8	Zinc	N	53.2V	mg/kg dry	5	0.261	1.39	BGE2508	06/20/2023 12:58	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 5-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-25      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0327J	mg/kg dry	1	0.0122	0.151	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Arsenic	N	13.9	mg/kg dry	1	0.0186	0.0757	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Beryllium	N	0.0115J	mg/kg dry	1	0.00151	0.0303	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Cadmium	N	0.176	mg/kg dry	1	0.00478	0.151	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Chromium	N	3.51V	mg/kg dry	1	0.0111	0.454	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Copper	N	24.6V	mg/kg dry	1	0.0132	0.151	BGE2508	06/15/2023 13:22	TBB
SW-7471B	Mercury	A	<0.0355U	mg/kg dry	1	0.0355	0.0709	BGE3650	06/12/2023 16:01	AKR
EPA 200.8	Lead	N	1.19	mg/kg dry	1	0.0114	0.0757	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Nickel	N	1.80V	mg/kg dry	1	0.00268	0.151	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Selenium	N	1.72	mg/kg dry	1	0.166	0.303	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Silver	N	0.0812V	mg/kg dry	1	0.00107	0.0757	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Thallium	N	0.00348V, J	mg/kg dry	1	0.00104	0.0757	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Zinc	N	55.0V	mg/kg dry	1	0.0568	0.303	BGE2508	06/20/2023 13:08	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 6-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-26      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0205J	mg/kg dry	1	0.0143	0.177	BGE2508	06/15/2023 13:27	TBB
EPA 200.8	Arsenic	N	18.8	mg/kg dry	5	0.109	0.443	BGE2508	06/15/2023 13:37	TBB
EPA 200.8	Beryllium	N	0.00602J	mg/kg dry	1	0.00177	0.0354	BGE2508	06/15/2023 13:27	TBB
EPA 200.8	Cadmium	N	0.290	mg/kg dry	1	0.00560	0.177	BGE2508	06/15/2023 13:27	TBB
EPA 200.8	Chromium	N	1.05V	mg/kg dry	1	0.0130	0.531	BGE2508	06/15/2023 13:27	TBB
EPA 200.8	Copper	N	9.73V	mg/kg dry	1	0.0154	0.177	BGE2508	06/15/2023 13:27	TBB
SW-7471B	Mercury	A	0.0608J	mg/kg dry	1	0.0415	0.0830	BGE3650	06/12/2023 16:04	AKR
EPA 200.8	Lead	N	0.732	mg/kg dry	1	0.0134	0.0886	BGE2508	06/15/2023 13:27	TBB
EPA 200.8	Nickel	N	2.24V	mg/kg dry	1	0.00314	0.177	BGE2508	06/15/2023 13:27	TBB
EPA 200.8	Selenium	N	2.41	mg/kg dry	1	0.195	0.354	BGE2508	06/15/2023 13:27	TBB
EPA 200.8	Silver	N	0.122V	mg/kg dry	1	0.00126	0.0886	BGE2508	06/15/2023 13:27	TBB
EPA 200.8	Thallium	N	0.00443V, J	mg/kg dry	1	0.00122	0.0886	BGE2508	06/15/2023 13:27	TBB
EPA 200.8	Zinc	N	156V	mg/kg dry	5	0.333	1.77	BGE2508	06/20/2023 13:15	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 6-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-27      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0156J	mg/kg dry	1	0.0108	0.135	BGE2508	06/15/2023 13:39	TBB
EPA 200.8	Arsenic	N	12.5	mg/kg dry	5	0.0828	0.337	BGE2508	06/15/2023 13:41	TBB
EPA 200.8	Beryllium	N	0.0110J	mg/kg dry	1	0.00135	0.0269	BGE2508	06/15/2023 13:39	TBB
EPA 200.8	Cadmium	N	0.198	mg/kg dry	1	0.00426	0.135	BGE2508	06/15/2023 13:39	TBB
EPA 200.8	Chromium	N	2.57V	mg/kg dry	1	0.00990	0.404	BGE2508	06/15/2023 13:39	TBB
EPA 200.8	Copper	N	7.06V	mg/kg dry	1	0.0117	0.135	BGE2508	06/15/2023 13:39	TBB
SW-7471B	Mercury	A	<0.0323U	mg/kg dry	1	0.0323	0.0647	BGE3650	06/12/2023 15:38	AKR
EPA 200.8	Lead	N	0.607	mg/kg dry	1	0.0102	0.0674	BGE2508	06/15/2023 13:39	TBB
EPA 200.8	Nickel	N	2.35V	mg/kg dry	1	0.00238	0.135	BGE2508	06/15/2023 13:39	TBB
EPA 200.8	Selenium	N	1.90	mg/kg dry	1	0.148	0.269	BGE2508	06/15/2023 13:39	TBB
EPA 200.8	Silver	N	0.0788V	mg/kg dry	1	0.000956	0.0674	BGE2508	06/15/2023 13:39	TBB
EPA 200.8	Thallium	N	0.00404V, J	mg/kg dry	1	0.000930	0.0674	BGE2508	06/15/2023 13:39	TBB
EPA 200.8	Zinc	N	84.9V	mg/kg dry	5	0.253	1.35	BGE2508	06/20/2023 13:20	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 6-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-28      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0577U	mg/kg dry	5	0.0577	0.716	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Arsenic	N	15.0	mg/kg dry	5	0.0881	0.358	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Beryllium	N	<0.00716U	mg/kg dry	5	0.00716	0.143	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Cadmium	N	0.218J	mg/kg dry	5	0.0226	0.716	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Chromium	N	0.922V, J	mg/kg dry	5	0.0527	2.15	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Copper	N	7.86V	mg/kg dry	5	0.0623	0.716	BGE2508	06/15/2023 13:46	TBB
SW-7471B	Mercury	A	0.0363J	mg/kg dry	1	0.0354	0.0707	BGE3650	06/12/2023 16:24	AKR
EPA 200.8	Lead	N	0.593	mg/kg dry	5	0.0541	0.358	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Nickel	N	1.90V	mg/kg dry	5	0.0127	0.716	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Selenium	N	1.50	mg/kg dry	5	0.788	1.43	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Silver	N	0.0847V, J	mg/kg dry	5	0.00509	0.358	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Thallium	N	<0.00494B, U	mg/kg dry	5	0.00494	0.358	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Zinc	N	111V	mg/kg dry	5	0.269	1.43	BGE2508	06/20/2023 13:25	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 6-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-29      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0156J	mg/kg dry	1	0.0115	0.143	BGE2508	06/15/2023 13:49	TBB
EPA 200.8	Arsenic	N	13.2	mg/kg dry	5	0.0878	0.357	BGE2508	06/15/2023 13:51	TBB
EPA 200.8	Beryllium	N	0.00543J	mg/kg dry	1	0.00143	0.0286	BGE2508	06/15/2023 13:49	TBB
EPA 200.8	Cadmium	N	0.211	mg/kg dry	1	0.00451	0.143	BGE2508	06/15/2023 13:49	TBB
EPA 200.8	Chromium	N	1.47V	mg/kg dry	1	0.0105	0.428	BGE2508	06/15/2023 13:49	TBB
EPA 200.8	Copper	N	6.93V	mg/kg dry	1	0.0124	0.143	BGE2508	06/15/2023 13:49	TBB
SW-7471B	Mercury	A	0.0407J	mg/kg dry	1	0.0333	0.0667	BGE3650	06/12/2023 16:27	AKR
EPA 200.8	Lead	N	0.637	mg/kg dry	1	0.0108	0.0714	BGE2508	06/15/2023 13:49	TBB
EPA 200.8	Nickel	N	2.14V	mg/kg dry	1	0.00253	0.143	BGE2508	06/15/2023 13:49	TBB
EPA 200.8	Selenium	N	2.03	mg/kg dry	1	0.157	0.286	BGE2508	06/15/2023 13:49	TBB
EPA 200.8	Silver	N	0.0717V	mg/kg dry	1	0.00101	0.0714	BGE2508	06/15/2023 13:49	TBB
EPA 200.8	Thallium	N	0.00386V, J	mg/kg dry	1	0.000985	0.0714	BGE2508	06/15/2023 13:49	TBB
EPA 200.8	Zinc	N	140V	mg/kg dry	5	0.268	1.43	BGE2508	06/20/2023 13:30	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 6-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-30      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0158J	mg/kg dry	1	0.0115	0.143	BGE2508	06/15/2023 13:54	TBB
EPA 200.8	Arsenic	N	13.0	mg/kg dry	5	0.0877	0.356	BGE2508	06/15/2023 13:56	TBB
EPA 200.8	Beryllium	N	0.00841J	mg/kg dry	1	0.00143	0.0285	BGE2508	06/15/2023 13:54	TBB
EPA 200.8	Cadmium	N	0.215	mg/kg dry	1	0.00451	0.143	BGE2508	06/15/2023 13:54	TBB
EPA 200.8	Chromium	N	1.79V	mg/kg dry	1	0.0105	0.428	BGE2508	06/15/2023 13:54	TBB
EPA 200.8	Copper	N	7.30V	mg/kg dry	1	0.0124	0.143	BGE2508	06/15/2023 13:54	TBB
SW-7471B	Mercury	A	0.0457J	mg/kg dry	1	0.0339	0.0679	BGE3650	06/12/2023 16:31	AKR
EPA 200.8	Lead	N	0.632	mg/kg dry	1	0.0108	0.0713	BGE2508	06/15/2023 13:54	TBB
EPA 200.8	Nickel	N	1.98V	mg/kg dry	1	0.00252	0.143	BGE2508	06/15/2023 13:54	TBB
EPA 200.8	Selenium	N	1.96	mg/kg dry	1	0.157	0.285	BGE2508	06/15/2023 13:54	TBB
EPA 200.8	Silver	N	0.0793V	mg/kg dry	1	0.00101	0.0713	BGE2508	06/15/2023 13:54	TBB
EPA 200.8	Thallium	N	0.00385V, J	mg/kg dry	1	0.000984	0.0713	BGE2508	06/15/2023 13:54	TBB
EPA 200.8	Zinc	N	77.2V	mg/kg dry	5	0.268	1.43	BGE2508	06/20/2023 13:43	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-31      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0159J	mg/kg dry	1	0.0117	0.146	BGE2508	06/15/2023 14:16	TBB
EPA 200.8	Arsenic	N	13.5	mg/kg dry	5	0.0895	0.364	BGE2508	06/15/2023 14:18	TBB
EPA 200.8	Beryllium	N	0.00378J	mg/kg dry	1	0.00146	0.0291	BGE2508	06/23/2023 15:42	TBB
EPA 200.8	Cadmium	N	0.218	mg/kg dry	1	0.00460	0.146	BGE2508	06/15/2023 14:16	TBB
EPA 200.8	Chromium	N	0.350V, J	mg/kg dry	1	0.0107	0.437	BGE2508	06/15/2023 14:16	TBB
EPA 200.8	Copper	N	7.81V	mg/kg dry	1	0.0127	0.146	BGE2508	06/15/2023 14:16	TBB
SW-7471B	Mercury	A	<0.0359U	mg/kg dry	1	0.0359	0.0719	BGE3650	06/12/2023 16:34	AKR
EPA 200.8	Lead	N	0.702	mg/kg dry	1	0.0110	0.0728	BGE2508	06/15/2023 14:16	TBB
EPA 200.8	Nickel	N	1.11V	mg/kg dry	1	0.00258	0.146	BGE2508	06/23/2023 12:04	TBB
EPA 200.8	Selenium	N	2.02	mg/kg dry	1	0.160	0.291	BGE2508	06/15/2023 14:16	TBB
EPA 200.8	Silver	N	0.111V	mg/kg dry	1	0.00103	0.0728	BGE2508	06/15/2023 14:16	TBB
EPA 200.8	Thallium	N	0.00262V, J	mg/kg dry	1	0.00100	0.0728	BGE2508	06/15/2023 14:16	TBB
EPA 200.8	Zinc	N	190V	mg/kg dry	5	0.273	1.46	BGE2508	06/20/2023 13:57	TBB





Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 7-2  
 Lab Sample ID: 23E2845-32  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0179J	mg/kg dry	1	0.0143	0.177	BGE2508	06/15/2023 14:21	TBB
EPA 200.8	Arsenic	N	14.7	mg/kg dry	5	0.109	0.443	BGE2508	06/15/2023 14:23	TBB
EPA 200.8	Beryllium	N	0.00337J	mg/kg dry	1	0.00177	0.0354	BGE2508	06/23/2023 15:57	TBB
EPA 200.8	Cadmium	N	0.228	mg/kg dry	1	0.00560	0.177	BGE2508	06/15/2023 14:21	TBB
EPA 200.8	Chromium	N	0.368V, J	mg/kg dry	1	0.0130	0.532	BGE2508	06/15/2023 14:21	TBB
EPA 200.8	Copper	N	9.05V	mg/kg dry	1	0.0154	0.177	BGE2508	06/15/2023 14:21	TBB
SW-7471B	Mercury	A	<0.0417U	mg/kg dry	1	0.0417	0.0834	BGE3650	06/12/2023 16:37	AKR
EPA 200.8	Lead	N	0.878	mg/kg dry	1	0.0134	0.0886	BGE2508	06/15/2023 14:21	TBB
EPA 200.8	Nickel	N	1.23V	mg/kg dry	1	0.00314	0.177	BGE2508	06/23/2023 12:06	TBB
EPA 200.8	Selenium	N	2.48	mg/kg dry	1	0.195	0.354	BGE2508	06/15/2023 14:21	TBB
EPA 200.8	Silver	N	0.167V	mg/kg dry	1	0.00126	0.0886	BGE2508	06/15/2023 14:21	TBB
EPA 200.8	Thallium	N	0.00213V, J	mg/kg dry	1	0.00122	0.0886	BGE2508	06/15/2023 14:21	TBB
EPA 200.8	Zinc	N	602V	mg/kg dry	10	0.666	3.54	BGE2508	06/20/2023 14:49	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-33      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0149J	mg/kg dry	1	0.0135	0.168	BGE2508	06/15/2023 14:26	TBB
EPA 200.8	Arsenic	N	16.3	mg/kg dry	1	0.0206	0.0839	BGE2508	06/15/2023 14:26	TBB
EPA 200.8	Beryllium	N	0.00252J	mg/kg dry	1	0.00168	0.0336	BGE2508	06/23/2023 15:47	TBB
EPA 200.8	Cadmium	N	0.229	mg/kg dry	1	0.00530	0.168	BGE2508	06/15/2023 14:26	TBB
EPA 200.8	Chromium	N	0.370V, J	mg/kg dry	1	0.0123	0.503	BGE2508	06/15/2023 14:26	TBB
EPA 200.8	Copper	N	9.32V	mg/kg dry	1	0.0146	0.168	BGE2508	06/15/2023 14:26	TBB
SW-7471B	Mercury	A	<0.0393U	mg/kg dry	1	0.0393	0.0787	BGE3650	06/12/2023 16:40	AKR
EPA 200.8	Lead	N	0.712	mg/kg dry	1	0.0127	0.0839	BGE2508	06/15/2023 14:26	TBB
EPA 200.8	Nickel	N	1.25V	mg/kg dry	1	0.00297	0.168	BGE2508	06/23/2023 12:08	TBB
EPA 200.8	Selenium	N	2.26	mg/kg dry	1	0.185	0.336	BGE2508	06/15/2023 14:26	TBB
EPA 200.8	Silver	N	0.110V	mg/kg dry	1	0.00119	0.0839	BGE2508	06/15/2023 14:26	TBB
EPA 200.8	Thallium	N	0.00201V, J	mg/kg dry	1	0.00116	0.0839	BGE2508	06/15/2023 14:26	TBB
EPA 200.8	Zinc	N	185V	mg/kg dry	5	0.315	1.68	BGE2508	06/20/2023 14:14	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-34      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0168J	mg/kg dry	1	0.0130	0.161	BGE2508	06/15/2023 14:31	TBB
EPA 200.8	Arsenic	N	15.4	mg/kg dry	1	0.0198	0.0807	BGE2508	06/15/2023 14:31	TBB
EPA 200.8	Beryllium	N	0.00516J	mg/kg dry	1	0.00161	0.0323	BGE2508	06/23/2023 15:49	TBB
EPA 200.8	Cadmium	N	0.209	mg/kg dry	1	0.00510	0.161	BGE2508	06/15/2023 14:31	TBB
EPA 200.8	Chromium	N	0.459V, J	mg/kg dry	1	0.0119	0.484	BGE2508	06/15/2023 14:31	TBB
EPA 200.8	Copper	N	7.91V	mg/kg dry	1	0.0140	0.161	BGE2508	06/15/2023 14:31	TBB
SW-7471B	Mercury	A	<0.0398U	mg/kg dry	1	0.0398	0.0797	BGE3650	06/12/2023 16:50	AKR
EPA 200.8	Lead	N	0.712	mg/kg dry	1	0.0122	0.0807	BGE2508	06/15/2023 14:31	TBB
EPA 200.8	Nickel	N	1.27V	mg/kg dry	1	0.00286	0.161	BGE2508	06/23/2023 12:11	TBB
EPA 200.8	Selenium	N	2.19	mg/kg dry	1	0.177	0.323	BGE2508	06/15/2023 14:31	TBB
EPA 200.8	Silver	N	0.0995V	mg/kg dry	1	0.00115	0.0807	BGE2508	06/15/2023 14:31	TBB
EPA 200.8	Thallium	N	0.00226V, J	mg/kg dry	1	0.00111	0.0807	BGE2508	06/15/2023 14:31	TBB
EPA 200.8	Zinc	N	305V	mg/kg dry	5	0.303	1.61	BGE2508	06/20/2023 14:19	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-35      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0134J	mg/kg dry	1	0.0123	0.152	BGE2508	06/15/2023 14:43	TBB
EPA 200.8	Arsenic	N	15.0	mg/kg dry	1	0.0187	0.0761	BGE2508	06/15/2023 14:43	TBB
EPA 200.8	Beryllium	N	0.00640J	mg/kg dry	1	0.00152	0.0305	BGE2508	06/23/2023 15:52	TBB
EPA 200.8	Cadmium	N	0.223	mg/kg dry	1	0.00481	0.152	BGE2508	06/15/2023 14:43	TBB
EPA 200.8	Chromium	N	0.668V	mg/kg dry	1	0.0112	0.457	BGE2508	06/15/2023 14:43	TBB
EPA 200.8	Copper	N	8.64V	mg/kg dry	1	0.0132	0.152	BGE2508	06/15/2023 14:43	TBB
SW-7471B	Mercury	A	0.0404J	mg/kg dry	1	0.0354	0.0708	BGE3650	06/12/2023 16:54	AKR
EPA 200.8	Lead	N	0.763	mg/kg dry	1	0.0115	0.0761	BGE2508	06/15/2023 14:43	TBB
EPA 200.8	Nickel	N	1.26V	mg/kg dry	1	0.00270	0.152	BGE2508	06/23/2023 12:13	TBB
EPA 200.8	Selenium	N	1.97	mg/kg dry	1	0.168	0.305	BGE2508	06/15/2023 14:43	TBB
EPA 200.8	Silver	N	0.0914V	mg/kg dry	1	0.00108	0.0761	BGE2508	06/15/2023 14:43	TBB
EPA 200.8	Thallium	N	0.00259V, J	mg/kg dry	1	0.00105	0.0761	BGE2508	06/15/2023 14:43	TBB
EPA 200.8	Zinc	N	61.8V	mg/kg dry	5	0.286	1.52	BGE2508	06/20/2023 14:24	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 8-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-36      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0181J	mg/kg dry	1	0.0120	0.150	BGE2508	06/15/2023 14:48	TBB
EPA 200.8	Arsenic	N	15.5	mg/kg dry	5	0.0920	0.374	BGE2508	06/15/2023 14:50	TBB
EPA 200.8	Beryllium	N	0.00553J	mg/kg dry	1	0.00150	0.0299	BGE2508	06/23/2023 17:00	TBB
EPA 200.8	Cadmium	N	0.185	mg/kg dry	1	0.00473	0.150	BGE2508	06/15/2023 14:48	TBB
EPA 200.8	Chromium	N	0.327V, J	mg/kg dry	1	0.0110	0.449	BGE2508	06/15/2023 14:48	TBB
EPA 200.8	Copper	N	7.82V	mg/kg dry	1	0.0130	0.150	BGE2508	06/15/2023 14:48	TBB
SW-7471B	Mercury	A	<0.0363U	mg/kg dry	1	0.0363	0.0726	BGE3650	06/12/2023 16:57	AKR
EPA 200.8	Lead	N	0.744	mg/kg dry	1	0.0113	0.0748	BGE2508	06/15/2023 14:48	TBB
EPA 200.8	Nickel	N	1.05V	mg/kg dry	1	0.00265	0.150	BGE2508	06/23/2023 12:16	TBB
EPA 200.8	Selenium	N	2.22	mg/kg dry	1	0.165	0.299	BGE2508	06/15/2023 14:48	TBB
EPA 200.8	Silver	N	0.114V	mg/kg dry	1	0.00106	0.0748	BGE2508	06/15/2023 14:48	TBB
EPA 200.8	Thallium	N	0.00269V, J	mg/kg dry	1	0.00103	0.0748	BGE2508	06/15/2023 14:48	TBB
EPA 200.8	Zinc	N	394V	mg/kg dry	10	0.562	2.99	BGE2508	06/23/2023 16:11	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 8-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-37      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0152J	mg/kg dry	1	0.0119	0.148	BGE2508	06/15/2023 14:53	TBB
EPA 200.8	Arsenic	N	15.7	mg/kg dry	5	0.0908	0.369	BGE2508	06/15/2023 14:55	TBB
EPA 200.8	Beryllium	N	0.00399J	mg/kg dry	1	0.00148	0.0295	BGE2508	06/23/2023 15:59	TBB
EPA 200.8	Cadmium	N	0.205	mg/kg dry	1	0.00467	0.148	BGE2508	06/15/2023 14:53	TBB
EPA 200.8	Chromium	N	0.380V, J	mg/kg dry	1	0.0109	0.443	BGE2508	06/15/2023 14:53	TBB
EPA 200.8	Copper	N	8.21V	mg/kg dry	1	0.0128	0.148	BGE2508	06/15/2023 14:53	TBB
SW-7471B	Mercury	A	<0.0357U	mg/kg dry	1	0.0357	0.0714	BGE3650	06/12/2023 17:00	AKR
EPA 200.8	Lead	N	0.596	mg/kg dry	1	0.0111	0.0738	BGE2508	06/15/2023 14:53	TBB
EPA 200.8	Nickel	N	1.12V	mg/kg dry	1	0.00261	0.148	BGE2508	06/23/2023 12:18	TBB
EPA 200.8	Selenium	N	2.11	mg/kg dry	1	0.162	0.295	BGE2508	06/15/2023 14:53	TBB
EPA 200.8	Silver	N	0.0945V	mg/kg dry	1	0.00105	0.0738	BGE2508	06/15/2023 14:53	TBB
EPA 200.8	Thallium	N	0.00281V, J	mg/kg dry	1	0.00102	0.0738	BGE2508	06/15/2023 14:53	TBB
EPA 200.8	Zinc	N	212V	mg/kg dry	5	0.277	1.48	BGE2508	06/20/2023 14:34	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 8-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-38      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0158J	mg/kg dry	1	0.0123	0.153	BGE2508	06/15/2023 14:58	TBB
EPA 200.8	Arsenic	N	14.2	mg/kg dry	5	0.0943	0.384	BGE2508	06/15/2023 15:00	TBB
EPA 200.8	Beryllium	N	0.00291J	mg/kg dry	1	0.00153	0.0307	BGE2508	06/23/2023 16:02	TBB
EPA 200.8	Cadmium	N	0.214	mg/kg dry	1	0.00485	0.153	BGE2508	06/15/2023 14:58	TBB
EPA 200.8	Chromium	N	0.367V, J	mg/kg dry	1	0.0113	0.460	BGE2508	06/15/2023 14:58	TBB
EPA 200.8	Copper	N	7.94V	mg/kg dry	1	0.0133	0.153	BGE2508	06/15/2023 14:58	TBB
SW-7471B	Mercury	A	0.0409J	mg/kg dry	1	0.0368	0.0736	BGE3650	06/12/2023 17:04	AKR
EPA 200.8	Lead	N	0.624	mg/kg dry	1	0.0116	0.0767	BGE2508	06/15/2023 14:58	TBB
EPA 200.8	Nickel	N	1.06V	mg/kg dry	1	0.00272	0.153	BGE2508	06/23/2023 12:21	TBB
EPA 200.8	Selenium	N	2.02	mg/kg dry	1	0.169	0.307	BGE2508	06/15/2023 14:58	TBB
EPA 200.8	Silver	N	0.0997V	mg/kg dry	1	0.00109	0.0767	BGE2508	06/15/2023 14:58	TBB
EPA 200.8	Thallium	N	0.00261V, J	mg/kg dry	1	0.00106	0.0767	BGE2508	06/15/2023 14:58	TBB
EPA 200.8	Zinc	N	224V	mg/kg dry	5	0.288	1.53	BGE2508	06/20/2023 14:46	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 8-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-39      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0162J	mg/kg dry	1	0.0142	0.176	BGE2509	06/19/2023 08:55	TBB
EPA 200.8	Arsenic	N	17.2	mg/kg dry	1	0.0217	0.0882	BGE2509	06/21/2023 09:24	TBB
EPA 200.8	Beryllium	N	0.00653J	mg/kg dry	1	0.00176	0.0353	BGE2509	06/19/2023 11:11	TBB
EPA 200.8	Cadmium	N	0.195	mg/kg dry	1	0.00557	0.176	BGE2509	06/19/2023 08:55	TBB
EPA 200.8	Chromium	N	0.489J	mg/kg dry	1	0.0130	0.529	BGE2509	06/19/2023 08:55	TBB
EPA 200.8	Copper	N	8.80V	mg/kg dry	1	0.0153	0.176	BGE2509	06/21/2023 09:24	TBB
SW-7471B	Mercury	A	<0.0430U	mg/kg dry	1	0.0430	0.0861	BGE3650	06/12/2023 17:07	AKR
EPA 200.8	Lead	N	0.665V	mg/kg dry	1	0.0133	0.0882	BGE2509	06/21/2023 09:24	TBB
EPA 200.8	Nickel	N	1.12V	mg/kg dry	1	0.00312	0.176	BGE2509	06/21/2023 09:24	TBB
EPA 200.8	Selenium	N	1.98	mg/kg dry	1	0.194	0.353	BGE2509	06/19/2023 08:55	TBB
EPA 200.8	Silver	N	0.0954	mg/kg dry	1	0.00125	0.0882	BGE2509	06/19/2023 08:55	TBB
EPA 200.8	Thallium	N	0.00335J	mg/kg dry	1	0.00122	0.0882	BGE2509	06/19/2023 08:55	TBB
EPA 200.8	Zinc	N	209V	mg/kg dry	5	0.331	1.76	BGE2509	06/21/2023 10:49	TBB





Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 8-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-40      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0212J	mg/kg dry	1	0.0125	0.156	BGE2509	06/19/2023 09:10	TBB
EPA 200.8	Arsenic	N	17.6	mg/kg dry	10	0.192	0.779	BGE2509	06/21/2023 10:47	TBB
EPA 200.8	Beryllium	N	0.00265J	mg/kg dry	1	0.00156	0.0312	BGE2509	06/19/2023 11:21	TBB
EPA 200.8	Cadmium	N	0.188	mg/kg dry	1	0.00493	0.156	BGE2509	06/19/2023 09:10	TBB
EPA 200.8	Chromium	N	0.343J	mg/kg dry	1	0.0115	0.468	BGE2509	06/19/2023 09:10	TBB
EPA 200.8	Copper	N	7.21V	mg/kg dry	1	0.0136	0.156	BGE2509	06/21/2023 09:39	TBB
SW-7471B	Mercury	A	0.0404J	mg/kg dry	1	0.0383	0.0767	BGE3650	06/12/2023 16:14	AKR
EPA 200.8	Lead	N	0.612V	mg/kg dry	1	0.0118	0.0779	BGE2509	06/21/2023 09:39	TBB
EPA 200.8	Nickel	N	1.05V	mg/kg dry	1	0.00276	0.156	BGE2509	06/21/2023 09:39	TBB
EPA 200.8	Selenium	N	1.98	mg/kg dry	1	0.171	0.312	BGE2509	06/19/2023 09:10	TBB
EPA 200.8	Silver	N	0.0870	mg/kg dry	1	0.00111	0.0779	BGE2509	06/19/2023 09:10	TBB
EPA 200.8	Thallium	N	0.00390J	mg/kg dry	1	0.00108	0.0779	BGE2509	06/19/2023 09:10	TBB
EPA 200.8	Zinc	N	348V	mg/kg dry	10	0.585	3.12	BGE2509	06/21/2023 10:47	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 1-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-41      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0146U	mg/kg dry	1	0.0146	0.181	BGE2509	06/19/2023 09:22	TBB
EPA 200.8	Arsenic	N	11.4	mg/kg dry	1	0.0223	0.0906	BGE2509	06/21/2023 10:57	TBB
EPA 200.8	Beryllium	N	0.0121J	mg/kg dry	1	0.00181	0.0362	BGE2509	06/19/2023 11:26	TBB
EPA 200.8	Cadmium	N	0.401	mg/kg dry	1	0.00572	0.181	BGE2509	06/19/2023 09:22	TBB
EPA 200.8	Chromium	N	0.364J	mg/kg dry	1	0.0133	0.543	BGE2509	06/19/2023 09:22	TBB
EPA 200.8	Copper	N	11.1V	mg/kg dry	1	0.0158	0.181	BGE2509	06/21/2023 10:57	TBB
SW-7471B	Mercury	A	<0.0453U	mg/kg dry	1	0.0453	0.0906	BGE3651	06/23/2023 13:48	AKR
EPA 200.8	Lead	N	0.317V	mg/kg dry	1	0.0137	0.0906	BGE2509	06/21/2023 10:57	TBB
EPA 200.8	Nickel	N	2.93V	mg/kg dry	1	0.00321	0.181	BGE2509	06/21/2023 10:57	TBB
EPA 200.8	Selenium	N	1.23	mg/kg dry	1	0.199	0.362	BGE2509	06/19/2023 09:22	TBB
EPA 200.8	Silver	N	0.183	mg/kg dry	1	0.00129	0.0906	BGE2509	06/19/2023 09:22	TBB
EPA 200.8	Thallium	N	0.00326J	mg/kg dry	1	0.00125	0.0906	BGE2509	06/19/2023 09:22	TBB
EPA 200.8	Zinc	N	96.2V	mg/kg dry	5	0.340	1.81	BGE2509	06/21/2023 10:59	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 1-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-42      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0147U	mg/kg dry	1	0.0147	0.183	BGE2509	06/19/2023 09:27	TBB
EPA 200.8	Arsenic	N	11.9	mg/kg dry	1	0.0225	0.0913	BGE2509	06/21/2023 11:02	TBB
EPA 200.8	Beryllium	N	0.0139J	mg/kg dry	1	0.00183	0.0365	BGE2509	06/19/2023 11:36	TBB
EPA 200.8	Cadmium	N	0.404	mg/kg dry	1	0.00577	0.183	BGE2509	06/19/2023 09:27	TBB
EPA 200.8	Chromium	N	0.514J	mg/kg dry	1	0.0134	0.548	BGE2509	06/19/2023 09:27	TBB
EPA 200.8	Copper	N	11.1V	mg/kg dry	1	0.0159	0.183	BGE2509	06/21/2023 11:02	TBB
SW-7471B	Mercury	A	<0.0445U	mg/kg dry	1	0.0445	0.0891	BGE3651	06/23/2023 13:52	AKR
EPA 200.8	Lead	N	0.356V	mg/kg dry	1	0.0138	0.0913	BGE2509	06/21/2023 11:02	TBB
EPA 200.8	Nickel	N	3.93V	mg/kg dry	1	0.00323	0.183	BGE2509	06/21/2023 11:02	TBB
EPA 200.8	Selenium	N	1.44	mg/kg dry	1	0.201	0.365	BGE2509	06/19/2023 09:27	TBB
EPA 200.8	Silver	N	0.171	mg/kg dry	1	0.00130	0.0913	BGE2509	06/19/2023 09:27	TBB
EPA 200.8	Thallium	N	0.00365J	mg/kg dry	1	0.00126	0.0913	BGE2509	06/19/2023 09:27	TBB
EPA 200.8	Zinc	N	118V	mg/kg dry	5	0.343	1.83	BGE2509	06/21/2023 11:04	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 1-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-43      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0150U	mg/kg dry	1	0.0150	0.186	BGE2509	06/19/2023 09:32	TBB
EPA 200.8	Arsenic	N	13.3	mg/kg dry	1	0.0229	0.0929	BGE2509	06/21/2023 11:06	TBB
EPA 200.8	Beryllium	N	0.0132J	mg/kg dry	1	0.00186	0.0372	BGE2509	06/19/2023 11:38	TBB
EPA 200.8	Cadmium	N	0.447	mg/kg dry	1	0.00587	0.186	BGE2509	06/19/2023 09:32	TBB
EPA 200.8	Chromium	N	0.357J	mg/kg dry	1	0.0137	0.558	BGE2509	06/19/2023 09:32	TBB
EPA 200.8	Copper	N	11.1V	mg/kg dry	1	0.0162	0.186	BGE2509	06/21/2023 11:06	TBB
SW-7471B	Mercury	A	<0.0437U	mg/kg dry	1	0.0437	0.0875	BGE3651	06/23/2023 13:55	AKR
EPA 200.8	Lead	N	0.360V	mg/kg dry	1	0.0140	0.0929	BGE2509	06/21/2023 11:06	TBB
EPA 200.8	Nickel	N	3.89V	mg/kg dry	1	0.00329	0.186	BGE2509	06/21/2023 11:06	TBB
EPA 200.8	Selenium	N	1.49	mg/kg dry	1	0.204	0.372	BGE2509	06/19/2023 09:32	TBB
EPA 200.8	Silver	N	0.137	mg/kg dry	1	0.00132	0.0929	BGE2509	06/19/2023 09:32	TBB
EPA 200.8	Thallium	N	0.00390J	mg/kg dry	1	0.00128	0.0929	BGE2509	06/19/2023 09:32	TBB
EPA 200.8	Zinc	N	112V	mg/kg dry	5	0.349	1.86	BGE2509	06/21/2023 11:09	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 1-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-44      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0144U	mg/kg dry	1	0.0144	0.179	BGE2509	06/19/2023 09:34	TBB
EPA 200.8	Arsenic	N	11.7	mg/kg dry	1	0.0220	0.0894	BGE2509	06/21/2023 11:19	TBB
EPA 200.8	Beryllium	N	0.0140J	mg/kg dry	1	0.00179	0.0358	BGE2509	06/19/2023 11:40	TBB
EPA 200.8	Cadmium	N	0.439	mg/kg dry	1	0.00565	0.179	BGE2509	06/19/2023 09:34	TBB
EPA 200.8	Chromium	N	0.375J	mg/kg dry	1	0.0131	0.537	BGE2509	06/19/2023 09:34	TBB
EPA 200.8	Copper	N	13.1V	mg/kg dry	1	0.0156	0.179	BGE2509	06/21/2023 11:19	TBB
SW-7471B	Mercury	A	<0.0426U	mg/kg dry	1	0.0426	0.0852	BGE3651	06/23/2023 13:58	AKR
EPA 200.8	Lead	N	0.447V	mg/kg dry	1	0.0135	0.0894	BGE2509	06/21/2023 11:19	TBB
EPA 200.8	Nickel	N	3.45V	mg/kg dry	1	0.00317	0.179	BGE2509	06/21/2023 11:19	TBB
EPA 200.8	Selenium	N	1.44	mg/kg dry	1	0.197	0.358	BGE2509	06/19/2023 09:34	TBB
EPA 200.8	Silver	N	0.195	mg/kg dry	1	0.00127	0.0894	BGE2509	06/19/2023 09:34	TBB
EPA 200.8	Thallium	N	0.00537J	mg/kg dry	1	0.00123	0.0894	BGE2509	06/19/2023 09:34	TBB
EPA 200.8	Zinc	N	105V	mg/kg dry	5	0.336	1.79	BGE2509	06/21/2023 11:21	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 1-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-45      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0162U	mg/kg dry	1	0.0162	0.202	BGE2509	06/19/2023 09:37	TBB
EPA 200.8	Arsenic	N	12.6	mg/kg dry	1	0.0248	0.101	BGE2509	06/21/2023 11:24	TBB
EPA 200.8	Beryllium	N	0.00928J	mg/kg dry	1	0.00202	0.0403	BGE2509	06/19/2023 11:43	TBB
EPA 200.8	Cadmium	N	0.454	mg/kg dry	1	0.00637	0.202	BGE2509	06/19/2023 09:37	TBB
EPA 200.8	Chromium	N	0.311J	mg/kg dry	1	0.0148	0.605	BGE2509	06/19/2023 11:43	TBB
EPA 200.8	Copper	N	11.8V	mg/kg dry	1	0.0175	0.202	BGE2509	06/21/2023 11:24	TBB
SW-7471B	Mercury	A	<0.0498U	mg/kg dry	1	0.0498	0.0996	BGE3651	06/23/2023 14:01	AKR
EPA 200.8	Lead	N	0.327V	mg/kg dry	1	0.0152	0.101	BGE2509	06/21/2023 11:24	TBB
EPA 200.8	Nickel	N	3.62V	mg/kg dry	1	0.00357	0.202	BGE2509	06/21/2023 11:24	TBB
EPA 200.8	Selenium	N	1.63	mg/kg dry	1	0.222	0.403	BGE2509	06/19/2023 11:43	TBB
EPA 200.8	Silver	N	0.164	mg/kg dry	1	0.00143	0.101	BGE2509	06/19/2023 09:37	TBB
EPA 200.8	Thallium	N	0.00343J	mg/kg dry	1	0.00139	0.101	BGE2509	06/19/2023 09:37	TBB
EPA 200.8	Zinc	N	101V	mg/kg dry	5	0.379	2.02	BGE2509	06/21/2023 11:26	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-46      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0153U	mg/kg dry	1	0.0153	0.190	BGE2509	06/19/2023 09:42	TBB
EPA 200.8	Arsenic	N	11.8	mg/kg dry	1	0.0234	0.0952	BGE2509	06/21/2023 11:28	TBB
EPA 200.8	Beryllium	N	0.0135J	mg/kg dry	1	0.00190	0.0381	BGE2509	06/19/2023 11:45	TBB
EPA 200.8	Cadmium	N	0.509	mg/kg dry	1	0.00601	0.190	BGE2509	06/19/2023 09:42	TBB
EPA 200.8	Chromium	N	0.231J	mg/kg dry	1	0.0140	0.571	BGE2509	06/19/2023 09:42	TBB
EPA 200.8	Copper	N	14.6V	mg/kg dry	1	0.0166	0.190	BGE2509	06/21/2023 11:28	TBB
SW-7471B	Mercury	A	<0.0468U	mg/kg dry	1	0.0468	0.0936	BGE3651	06/23/2023 13:38	AKR
EPA 200.8	Lead	N	0.330V	mg/kg dry	1	0.0144	0.0952	BGE2509	06/21/2023 11:28	TBB
EPA 200.8	Nickel	N	3.61V	mg/kg dry	1	0.00337	0.190	BGE2509	06/21/2023 11:28	TBB
EPA 200.8	Selenium	N	1.61	mg/kg dry	1	0.209	0.381	BGE2509	06/19/2023 09:42	TBB
EPA 200.8	Silver	N	0.191	mg/kg dry	1	0.00135	0.0952	BGE2509	06/19/2023 09:42	TBB
EPA 200.8	Thallium	N	0.00514J	mg/kg dry	1	0.00131	0.0952	BGE2509	06/19/2023 09:42	TBB
EPA 200.8	Zinc	N	116V	mg/kg dry	5	0.357	1.90	BGE2509	06/21/2023 11:31	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-47      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0147U	mg/kg dry	1	0.0147	0.183	BGE2509	06/19/2023 11:48	TBB
EPA 200.8	Arsenic	N	11.2	mg/kg dry	1	0.0225	0.0915	BGE2509	06/21/2023 11:33	TBB
EPA 200.8	Beryllium	N	0.0128J	mg/kg dry	1	0.00183	0.0366	BGE2509	06/19/2023 11:48	TBB
EPA 200.8	Cadmium	N	0.439	mg/kg dry	1	0.00578	0.183	BGE2509	06/19/2023 11:48	TBB
EPA 200.8	Chromium	N	0.367J	mg/kg dry	1	0.0135	0.549	BGE2509	06/19/2023 11:48	TBB
EPA 200.8	Copper	N	10.8V	mg/kg dry	1	0.0159	0.183	BGE2509	06/21/2023 11:33	TBB
SW-7471B	Mercury	A	<0.0448U	mg/kg dry	1	0.0448	0.0897	BGE3651	06/23/2023 14:05	AKR
EPA 200.8	Lead	N	0.313V	mg/kg dry	1	0.0138	0.0915	BGE2509	06/21/2023 11:33	TBB
EPA 200.8	Nickel	N	3.41V	mg/kg dry	1	0.00324	0.183	BGE2509	06/21/2023 11:33	TBB
EPA 200.8	Selenium	N	1.53	mg/kg dry	1	0.201	0.366	BGE2509	06/19/2023 11:48	TBB
EPA 200.8	Silver	N	0.182	mg/kg dry	1	0.00130	0.0915	BGE2509	06/19/2023 11:48	TBB
EPA 200.8	Thallium	N	0.00384J	mg/kg dry	1	0.00126	0.0915	BGE2509	06/19/2023 11:48	TBB
EPA 200.8	Zinc	N	115V	mg/kg dry	5	0.344	1.83	BGE2509	06/21/2023 11:36	TBB





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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-48      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0154U	mg/kg dry	1	0.0154	0.192	BGE2509	06/19/2023 11:50	TBB
EPA 200.8	Arsenic	N	12.3	mg/kg dry	1	0.0236	0.0959	BGE2509	06/21/2023 11:38	TBB
EPA 200.8	Beryllium	N	0.00901J	mg/kg dry	1	0.00192	0.0384	BGE2509	06/19/2023 11:50	TBB
EPA 200.8	Cadmium	N	0.434	mg/kg dry	1	0.00606	0.192	BGE2509	06/19/2023 11:50	TBB
EPA 200.8	Chromium	N	0.355J	mg/kg dry	1	0.0141	0.575	BGE2509	06/19/2023 11:50	TBB
EPA 200.8	Copper	N	11.0V	mg/kg dry	1	0.0167	0.192	BGE2509	06/21/2023 11:38	TBB
SW-7471B	Mercury	A	<0.0458U	mg/kg dry	1	0.0458	0.0917	BGE3651	06/23/2023 14:15	AKR
EPA 200.8	Lead	N	0.322V	mg/kg dry	1	0.0145	0.0959	BGE2509	06/21/2023 11:38	TBB
EPA 200.8	Nickel	N	2.98V	mg/kg dry	1	0.00339	0.192	BGE2509	06/21/2023 11:38	TBB
EPA 200.8	Selenium	N	1.61	mg/kg dry	1	0.211	0.384	BGE2509	06/19/2023 11:50	TBB
EPA 200.8	Silver	N	0.149	mg/kg dry	1	0.00136	0.0959	BGE2509	06/19/2023 11:50	TBB
EPA 200.8	Thallium	N	0.00518J	mg/kg dry	1	0.00132	0.0959	BGE2509	06/19/2023 11:50	TBB
EPA 200.8	Zinc	N	107V	mg/kg dry	5	0.360	1.92	BGE2509	06/21/2023 11:41	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-49      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0142U	mg/kg dry	1	0.0142	0.177	BGE2509	06/19/2023 11:53	TBB
EPA 200.8	Arsenic	N	13.1	mg/kg dry	1	0.0218	0.0884	BGE2509	06/21/2023 11:51	TBB
EPA 200.8	Beryllium	N	0.0127J	mg/kg dry	1	0.00177	0.0354	BGE2509	06/19/2023 11:53	TBB
EPA 200.8	Cadmium	N	0.491	mg/kg dry	1	0.00559	0.177	BGE2509	06/19/2023 11:53	TBB
EPA 200.8	Chromium	N	0.396J	mg/kg dry	1	0.0130	0.531	BGE2509	06/19/2023 11:53	TBB
EPA 200.8	Copper	N	11.9V	mg/kg dry	1	0.0154	0.177	BGE2509	06/21/2023 11:51	TBB
SW-7471B	Mercury	A	<0.0430U	mg/kg dry	1	0.0430	0.0859	BGE3651	06/23/2023 14:28	AKR
EPA 200.8	Lead	N	0.331V	mg/kg dry	1	0.0134	0.0884	BGE2509	06/21/2023 11:51	TBB
EPA 200.8	Nickel	N	3.64V	mg/kg dry	1	0.00313	0.177	BGE2509	06/21/2023 11:51	TBB
EPA 200.8	Selenium	N	1.69	mg/kg dry	1	0.195	0.354	BGE2509	06/19/2023 11:53	TBB
EPA 200.8	Silver	N	0.156	mg/kg dry	1	0.00126	0.0884	BGE2509	06/19/2023 11:53	TBB
EPA 200.8	Thallium	N	0.00442J	mg/kg dry	1	0.00122	0.0884	BGE2509	06/19/2023 11:53	TBB
EPA 200.8	Zinc	N	112V	mg/kg dry	5	0.332	1.77	BGE2509	06/21/2023 11:53	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-50      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0150U	mg/kg dry	1	0.0150	0.186	BGE2509	06/19/2023 12:10	TBB
EPA 200.8	Arsenic	N	12.7	mg/kg dry	1	0.0229	0.0931	BGE2509	06/21/2023 12:05	TBB
EPA 200.8	Beryllium	N	0.0106J	mg/kg dry	1	0.00186	0.0372	BGE2509	06/19/2023 12:10	TBB
EPA 200.8	Cadmium	N	0.420	mg/kg dry	1	0.00588	0.186	BGE2509	06/19/2023 12:10	TBB
EPA 200.8	Chromium	N	0.203J	mg/kg dry	1	0.0137	0.559	BGE2509	06/19/2023 12:10	TBB
EPA 200.8	Copper	N	11.3V	mg/kg dry	1	0.0162	0.186	BGE2509	06/21/2023 12:05	TBB
SW-7471B	Mercury	A	<0.0436U	mg/kg dry	1	0.0436	0.0873	BGE3651	06/23/2023 14:31	AKR
EPA 200.8	Lead	N	0.217V	mg/kg dry	1	0.0141	0.0931	BGE2509	06/21/2023 12:05	TBB
EPA 200.8	Nickel	N	2.82V	mg/kg dry	1	0.00330	0.186	BGE2509	06/21/2023 12:05	TBB
EPA 200.8	Selenium	N	1.62	mg/kg dry	1	0.205	0.372	BGE2509	06/19/2023 12:10	TBB
EPA 200.8	Silver	N	0.143	mg/kg dry	1	0.00132	0.0931	BGE2509	06/19/2023 12:10	TBB
EPA 200.8	Thallium	N	0.00391J	mg/kg dry	1	0.00128	0.0931	BGE2509	06/19/2023 12:10	TBB
EPA 200.8	Zinc	N	98.0V	mg/kg dry	5	0.350	1.86	BGE2509	06/21/2023 12:08	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-51      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0144U	mg/kg dry	1	0.0144	0.179	BGE2509	06/19/2023 12:12	TBB
EPA 200.8	Arsenic	N	12.5	mg/kg dry	1	0.0220	0.0894	BGE2509	06/21/2023 12:10	TBB
EPA 200.8	Beryllium	N	0.00965J	mg/kg dry	1	0.00179	0.0357	BGE2509	06/19/2023 12:12	TBB
EPA 200.8	Cadmium	N	0.536	mg/kg dry	1	0.00565	0.179	BGE2509	06/19/2023 12:12	TBB
EPA 200.8	Chromium	N	0.441J	mg/kg dry	1	0.0131	0.536	BGE2509	06/19/2023 12:12	TBB
EPA 200.8	Copper	N	11.3V	mg/kg dry	1	0.0155	0.179	BGE2509	06/21/2023 12:10	TBB
SW-7471B	Mercury	A	<0.0431U	mg/kg dry	1	0.0431	0.0861	BGE3651	06/23/2023 14:35	AKR
EPA 200.8	Lead	N	0.332V	mg/kg dry	1	0.0135	0.0894	BGE2509	06/21/2023 12:10	TBB
EPA 200.8	Nickel	N	3.20V	mg/kg dry	1	0.00316	0.179	BGE2509	06/21/2023 12:10	TBB
EPA 200.8	Selenium	N	1.65	mg/kg dry	1	0.197	0.357	BGE2509	06/19/2023 12:12	TBB
EPA 200.8	Silver	N	0.172	mg/kg dry	1	0.00127	0.0894	BGE2509	06/19/2023 12:12	TBB
EPA 200.8	Thallium	N	0.00536J	mg/kg dry	1	0.00123	0.0894	BGE2509	06/19/2023 12:12	TBB
EPA 200.8	Zinc	N	113V	mg/kg dry	5	0.336	1.79	BGE2509	06/21/2023 12:13	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-52      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0139U	mg/kg dry	1	0.0139	0.172	BGE2509	06/19/2023 12:15	TBB
EPA 200.8	Arsenic	N	12.2	mg/kg dry	1	0.0212	0.0862	BGE2509	06/21/2023 12:22	TBB
EPA 200.8	Beryllium	N	0.0138J	mg/kg dry	1	0.00172	0.0345	BGE2509	06/19/2023 12:15	TBB
EPA 200.8	Cadmium	N	0.516	mg/kg dry	1	0.00545	0.172	BGE2509	06/19/2023 12:15	TBB
EPA 200.8	Chromium	N	0.339J	mg/kg dry	1	0.0127	0.517	BGE2509	06/19/2023 12:15	TBB
EPA 200.8	Copper	N	11.1V	mg/kg dry	1	0.0150	0.172	BGE2509	06/21/2023 12:22	TBB
SW-7471B	Mercury	A	<0.0426U	mg/kg dry	1	0.0426	0.0851	BGE3651	06/23/2023 14:38	AKR
EPA 200.8	Lead	N	0.347V	mg/kg dry	1	0.0130	0.0862	BGE2509	06/21/2023 12:22	TBB
EPA 200.8	Nickel	N	3.38V	mg/kg dry	1	0.00305	0.172	BGE2509	06/21/2023 12:22	TBB
EPA 200.8	Selenium	N	1.68	mg/kg dry	1	0.190	0.345	BGE2509	06/19/2023 12:15	TBB
EPA 200.8	Silver	N	0.162	mg/kg dry	1	0.00122	0.0862	BGE2509	06/19/2023 12:15	TBB
EPA 200.8	Thallium	N	0.00431J	mg/kg dry	1	0.00119	0.0862	BGE2509	06/19/2023 12:15	TBB
EPA 200.8	Zinc	N	117V	mg/kg dry	5	0.324	1.72	BGE2509	06/21/2023 12:25	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-53      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0149U	mg/kg dry	1	0.0149	0.185	BGE2509	06/19/2023 12:17	TBB
EPA 200.8	Arsenic	N	10.6	mg/kg dry	1	0.0227	0.0923	BGE2509	06/21/2023 12:27	TBB
EPA 200.8	Beryllium	N	0.0113J	mg/kg dry	1	0.00185	0.0369	BGE2509	06/19/2023 12:17	TBB
EPA 200.8	Cadmium	N	0.415	mg/kg dry	1	0.00584	0.185	BGE2509	06/19/2023 12:17	TBB
EPA 200.8	Chromium	N	0.358J	mg/kg dry	1	0.0136	0.554	BGE2509	06/19/2023 12:17	TBB
EPA 200.8	Copper	N	9.40V	mg/kg dry	1	0.0161	0.185	BGE2509	06/21/2023 12:27	TBB
SW-7471B	Mercury	A	<0.0462U	mg/kg dry	1	0.0462	0.0923	BGE3651	06/23/2023 14:41	AKR
EPA 200.8	Lead	N	0.350V	mg/kg dry	1	0.0139	0.0923	BGE2509	06/21/2023 12:27	TBB
EPA 200.8	Nickel	N	3.27V	mg/kg dry	1	0.00327	0.185	BGE2509	06/21/2023 12:27	TBB
EPA 200.8	Selenium	N	1.39	mg/kg dry	1	0.203	0.369	BGE2509	06/19/2023 12:17	TBB
EPA 200.8	Silver	N	0.150	mg/kg dry	1	0.00131	0.0923	BGE2509	06/19/2023 12:17	TBB
EPA 200.8	Thallium	N	0.00425J	mg/kg dry	1	0.00127	0.0923	BGE2509	06/19/2023 12:17	TBB
EPA 200.8	Zinc	N	107V	mg/kg dry	5	0.347	1.85	BGE2509	06/21/2023 12:30	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-54      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0154U	mg/kg dry	1	0.0154	0.191	BGE2509	06/19/2023 12:19	TBB
EPA 200.8	Arsenic	N	12.1	mg/kg dry	1	0.0235	0.0956	BGE2509	06/21/2023 12:32	TBB
EPA 200.8	Beryllium	N	0.0120J	mg/kg dry	1	0.00191	0.0383	BGE2509	06/19/2023 12:19	TBB
EPA 200.8	Cadmium	N	0.477	mg/kg dry	1	0.00604	0.191	BGE2509	06/19/2023 12:19	TBB
EPA 200.8	Chromium	N	0.365J	mg/kg dry	1	0.0141	0.574	BGE2509	06/19/2023 12:19	TBB
EPA 200.8	Copper	N	11.3V	mg/kg dry	1	0.0166	0.191	BGE2509	06/21/2023 12:32	TBB
SW-7471B	Mercury	A	<0.0470U	mg/kg dry	1	0.0470	0.0940	BGE3651	06/23/2023 14:45	AKR
EPA 200.8	Lead	N	0.392V	mg/kg dry	1	0.0144	0.0956	BGE2509	06/21/2023 12:32	TBB
EPA 200.8	Nickel	N	3.73V	mg/kg dry	1	0.00339	0.191	BGE2509	06/21/2023 12:32	TBB
EPA 200.8	Selenium	N	1.60	mg/kg dry	1	0.210	0.383	BGE2509	06/19/2023 12:19	TBB
EPA 200.8	Silver	N	0.160	mg/kg dry	1	0.00136	0.0956	BGE2509	06/19/2023 12:19	TBB
EPA 200.8	Thallium	N	0.00478J	mg/kg dry	1	0.00132	0.0956	BGE2509	06/19/2023 12:19	TBB
EPA 200.8	Zinc	N	112V	mg/kg dry	5	0.359	1.91	BGE2509	06/21/2023 12:35	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-55      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0147U	mg/kg dry	1	0.0147	0.183	BGE2509	06/19/2023 12:22	TBB
EPA 200.8	Arsenic	N	11.8	mg/kg dry	1	0.0225	0.0914	BGE2509	06/21/2023 12:37	TBB
EPA 200.8	Beryllium	N	0.00841J	mg/kg dry	1	0.00183	0.0366	BGE2509	06/19/2023 12:22	TBB
EPA 200.8	Cadmium	N	0.463	mg/kg dry	1	0.00578	0.183	BGE2509	06/19/2023 12:22	TBB
EPA 200.8	Chromium	N	0.280J	mg/kg dry	1	0.0134	0.549	BGE2509	06/19/2023 12:22	TBB
EPA 200.8	Copper	N	11.0V	mg/kg dry	1	0.0159	0.183	BGE2509	06/21/2023 12:37	TBB
SW-7471B	Mercury	A	<0.0427U	mg/kg dry	1	0.0427	0.0854	BGE3651	06/23/2023 14:55	AKR
EPA 200.8	Lead	N	0.368V	mg/kg dry	1	0.0138	0.0914	BGE2509	06/21/2023 12:37	TBB
EPA 200.8	Nickel	N	3.43V	mg/kg dry	1	0.00324	0.183	BGE2509	06/21/2023 12:37	TBB
EPA 200.8	Selenium	N	1.58	mg/kg dry	1	0.201	0.366	BGE2509	06/19/2023 12:22	TBB
EPA 200.8	Silver	N	0.151	mg/kg dry	1	0.00130	0.0914	BGE2509	06/19/2023 12:22	TBB
EPA 200.8	Thallium	N	0.00439J	mg/kg dry	1	0.00126	0.0914	BGE2509	06/19/2023 12:22	TBB
EPA 200.8	Zinc	N	114V	mg/kg dry	5	0.343	1.83	BGE2509	06/21/2023 12:40	TBB





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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-56      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0167U	mg/kg dry	1	0.0167	0.207	BGE2509	06/19/2023 12:24	TBB
EPA 200.8	Arsenic	N	12.2	mg/kg dry	1	0.0255	0.104	BGE2509	06/21/2023 12:42	TBB
EPA 200.8	Beryllium	N	0.0139J	mg/kg dry	1	0.00207	0.0414	BGE2509	06/19/2023 12:24	TBB
EPA 200.8	Cadmium	N	0.567	mg/kg dry	1	0.00655	0.207	BGE2509	06/19/2023 12:24	TBB
EPA 200.8	Chromium	N	0.408J	mg/kg dry	1	0.0152	0.622	BGE2509	06/19/2023 12:24	TBB
EPA 200.8	Copper	N	13.2V	mg/kg dry	1	0.0180	0.207	BGE2509	06/21/2023 12:42	TBB
SW-7471B	Mercury	A	<0.0486U	mg/kg dry	1	0.0486	0.0971	BGE3651	06/23/2023 14:58	AKR
EPA 200.8	Lead	N	0.400V	mg/kg dry	1	0.0156	0.104	BGE2509	06/21/2023 12:42	TBB
EPA 200.8	Nickel	N	5.38V	mg/kg dry	1	0.00367	0.207	BGE2509	06/21/2023 12:42	TBB
EPA 200.8	Selenium	N	1.54	mg/kg dry	1	0.228	0.414	BGE2509	06/19/2023 12:24	TBB
EPA 200.8	Silver	N	0.257	mg/kg dry	1	0.00147	0.104	BGE2509	06/19/2023 12:24	TBB
EPA 200.8	Thallium	N	0.00559J	mg/kg dry	1	0.00143	0.104	BGE2509	06/19/2023 12:24	TBB
EPA 200.8	Zinc	N	134V	mg/kg dry	5	0.389	2.07	BGE2509	06/21/2023 12:45	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-57      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0164U	mg/kg dry	1	0.0164	0.204	BGE2509	06/19/2023 12:27	TBB
EPA 200.8	Arsenic	N	11.3	mg/kg dry	1	0.0251	0.102	BGE2509	06/21/2023 12:54	TBB
EPA 200.8	Beryllium	N	0.0122J	mg/kg dry	1	0.00204	0.0408	BGE2509	06/19/2023 12:27	TBB
EPA 200.8	Cadmium	N	0.468	mg/kg dry	1	0.00644	0.204	BGE2509	06/19/2023 12:27	TBB
EPA 200.8	Chromium	N	0.373J	mg/kg dry	1	0.0150	0.612	BGE2509	06/19/2023 12:27	TBB
EPA 200.8	Copper	N	12.3V	mg/kg dry	1	0.0177	0.204	BGE2509	06/21/2023 12:54	TBB
SW-7471B	Mercury	A	<0.0489U	mg/kg dry	1	0.0489	0.0979	BGE3651	06/23/2023 15:01	AKR
EPA 200.8	Lead	N	0.365V	mg/kg dry	1	0.0154	0.102	BGE2509	06/21/2023 12:54	TBB
EPA 200.8	Nickel	N	4.10V	mg/kg dry	1	0.00361	0.204	BGE2509	06/21/2023 12:54	TBB
EPA 200.8	Selenium	N	1.57	mg/kg dry	1	0.224	0.408	BGE2509	06/19/2023 12:27	TBB
EPA 200.8	Silver	N	0.186	mg/kg dry	1	0.00145	0.102	BGE2509	06/19/2023 12:27	TBB
EPA 200.8	Thallium	N	0.00449J	mg/kg dry	1	0.00141	0.102	BGE2509	06/19/2023 12:27	TBB
EPA 200.8	Zinc	N	117V	mg/kg dry	5	0.383	2.04	BGE2509	06/21/2023 12:57	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-58      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0160U	mg/kg dry	1	0.0160	0.199	BGE2511	06/20/2023 09:31	TBB
EPA 200.8	Arsenic	N	11.3	mg/kg dry	1	0.0244	0.0993	BGE2511	06/22/2023 11:20	TBB
EPA 200.8	Beryllium	N	0.0143J	mg/kg dry	1	0.00199	0.0397	BGE2511	06/20/2023 09:31	TBB
EPA 200.8	Cadmium	N	0.412	mg/kg dry	1	0.00627	0.199	BGE2511	06/20/2023 09:31	TBB
EPA 200.8	Chromium	N	0.326V, J	mg/kg dry	1	0.0146	0.596	BGE2511	06/20/2023 09:31	TBB
EPA 200.8	Copper	N	11.9V	mg/kg dry	1	0.0173	0.199	BGE2511	06/22/2023 11:20	TBB
SW-7471B	Mercury	A	<0.0473U	mg/kg dry	1	0.0473	0.0946	BGE3651	06/23/2023 14:18	AKR
EPA 200.8	Lead	N	0.373	mg/kg dry	1	0.0150	0.0993	BGE2511	06/20/2023 09:31	TBB
EPA 200.8	Nickel	N	3.23V	mg/kg dry	1	0.00351	0.199	BGE2511	06/22/2023 11:20	TBB
EPA 200.8	Selenium	N	1.32	mg/kg dry	1	0.218	0.397	BGE2511	06/20/2023 09:31	TBB
EPA 200.8	Silver	N	0.150	mg/kg dry	1	0.00141	0.0993	BGE2511	06/20/2023 09:31	TBB
EPA 200.8	Thallium	N	0.00397J	mg/kg dry	1	0.00137	0.0993	BGE2511	06/20/2023 09:31	TBB
EPA 200.8	Zinc	N	94.1V	mg/kg dry	5	0.373	1.99	BGE2511	06/20/2023 09:33	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-59      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0157U	mg/kg dry	1	0.0157	0.195	BGE2511	06/20/2023 09:46	TBB
EPA 200.8	Arsenic	N	10.9	mg/kg dry	1	0.0240	0.0974	BGE2511	06/22/2023 14:32	TBB
EPA 200.8	Beryllium	N	0.0191J	mg/kg dry	1	0.00195	0.0390	BGE2511	06/23/2023 10:52	TBB
EPA 200.8	Cadmium	N	0.517	mg/kg dry	1	0.00615	0.195	BGE2511	06/20/2023 09:46	TBB
EPA 200.8	Chromium	N	0.632V	mg/kg dry	1	0.0143	0.584	BGE2511	06/20/2023 09:46	TBB
EPA 200.8	Copper	N	12.7V	mg/kg dry	1	0.0169	0.195	BGE2511	06/22/2023 14:32	TBB
SW-7471B	Mercury	A	<0.0479U	mg/kg dry	1	0.0479	0.0958	BGE3651	06/23/2023 15:05	AKR
EPA 200.8	Lead	N	0.391	mg/kg dry	1	0.0147	0.0974	BGE2511	06/20/2023 09:46	TBB
EPA 200.8	Nickel	N	4.09V	mg/kg dry	1	0.00345	0.195	BGE2511	06/22/2023 14:32	TBB
EPA 200.8	Selenium	N	1.53	mg/kg dry	1	0.214	0.390	BGE2511	06/20/2023 09:46	TBB
EPA 200.8	Silver	N	0.196	mg/kg dry	1	0.00138	0.0974	BGE2511	06/20/2023 09:46	TBB
EPA 200.8	Thallium	N	0.00584J	mg/kg dry	1	0.00134	0.0974	BGE2511	06/20/2023 09:46	TBB
EPA 200.8	Zinc	N	109V	mg/kg dry	5	0.366	1.95	BGE2511	06/20/2023 09:55	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-60      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0159U	mg/kg dry	1	0.0159	0.198	BGE2511	06/20/2023 09:58	TBB
EPA 200.8	Arsenic	N	10.4	mg/kg dry	1	0.0243	0.0989	BGE2511	06/22/2023 14:37	TBB
EPA 200.8	Beryllium	N	0.0115J	mg/kg dry	1	0.00198	0.0395	BGE2511	06/23/2023 10:55	TBB
EPA 200.8	Cadmium	N	0.405	mg/kg dry	1	0.00625	0.198	BGE2511	06/20/2023 09:58	TBB
EPA 200.8	Chromium	N	0.281V, J	mg/kg dry	1	0.0145	0.593	BGE2511	06/20/2023 09:58	TBB
EPA 200.8	Copper	N	12.9V	mg/kg dry	1	0.0172	0.198	BGE2511	06/22/2023 14:37	TBB
SW-7471B	Mercury	A	<0.0467U	mg/kg dry	1	0.0467	0.0934	BGE3651	06/23/2023 15:08	AKR
EPA 200.8	Lead	N	0.437	mg/kg dry	1	0.0149	0.0989	BGE2511	06/20/2023 09:58	TBB
EPA 200.8	Nickel	N	2.54V	mg/kg dry	1	0.00350	0.198	BGE2511	06/22/2023 14:37	TBB
EPA 200.8	Selenium	N	1.38	mg/kg dry	1	0.217	0.395	BGE2511	06/20/2023 09:58	TBB
EPA 200.8	Silver	N	0.181	mg/kg dry	1	0.00140	0.0989	BGE2511	06/20/2023 09:58	TBB
EPA 200.8	Thallium	N	0.00376J	mg/kg dry	1	0.00136	0.0989	BGE2511	06/20/2023 09:58	TBB
EPA 200.8	Zinc	N	85.4V	mg/kg dry	5	0.371	1.98	BGE2511	06/20/2023 10:00	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 5-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-61      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0143U	mg/kg dry	1	0.0143	0.177	BGE2511	06/20/2023 10:03	TBB
EPA 200.8	Arsenic	N	10.4	mg/kg dry	1	0.0218	0.0885	BGE2511	06/22/2023 14:42	TBB
EPA 200.8	Beryllium	N	0.0117J	mg/kg dry	1	0.00177	0.0354	BGE2511	06/23/2023 10:57	TBB
EPA 200.8	Cadmium	N	0.420	mg/kg dry	1	0.00559	0.177	BGE2511	06/20/2023 10:03	TBB
EPA 200.8	Chromium	N	0.550V	mg/kg dry	1	0.0130	0.531	BGE2511	06/20/2023 10:03	TBB
EPA 200.8	Copper	N	12.7V	mg/kg dry	1	0.0154	0.177	BGE2511	06/22/2023 14:42	TBB
SW-7471B	Mercury	A	<0.0415U	mg/kg dry	1	0.0415	0.0830	BGE3653	06/23/2023 15:38	AKR
EPA 200.8	Lead	N	0.342	mg/kg dry	1	0.0134	0.0885	BGE2511	06/20/2023 10:03	TBB
EPA 200.8	Nickel	N	3.66V	mg/kg dry	1	0.00313	0.177	BGE2511	06/22/2023 14:42	TBB
EPA 200.8	Selenium	N	1.54	mg/kg dry	1	0.195	0.354	BGE2511	06/20/2023 10:03	TBB
EPA 200.8	Silver	N	0.183	mg/kg dry	1	0.00126	0.0885	BGE2511	06/20/2023 10:03	TBB
EPA 200.8	Thallium	N	0.00319J	mg/kg dry	1	0.00122	0.0885	BGE2511	06/20/2023 10:03	TBB
EPA 200.8	Zinc	N	106V	mg/kg dry	5	0.332	1.77	BGE2511	06/20/2023 10:05	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 5-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-62      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0157U	mg/kg dry	1	0.0157	0.195	BGE2511	06/20/2023 10:08	TBB
EPA 200.8	Arsenic	N	12.7	mg/kg dry	1	0.0239	0.0974	BGE2511	06/22/2023 14:47	TBB
EPA 200.8	Beryllium	N	0.0127J	mg/kg dry	1	0.00195	0.0389	BGE2511	06/23/2023 10:59	TBB
EPA 200.8	Cadmium	N	0.431	mg/kg dry	1	0.00615	0.195	BGE2511	06/20/2023 10:08	TBB
EPA 200.8	Chromium	N	0.288V, J	mg/kg dry	1	0.0143	0.584	BGE2511	06/20/2023 10:08	TBB
EPA 200.8	Copper	N	12.5V	mg/kg dry	1	0.0169	0.195	BGE2511	06/22/2023 14:47	TBB
SW-7471B	Mercury	A	<0.0479U	mg/kg dry	1	0.0479	0.0958	BGE3653	06/23/2023 15:42	AKR
EPA 200.8	Lead	N	0.275	mg/kg dry	1	0.0147	0.0974	BGE2511	06/20/2023 10:08	TBB
EPA 200.8	Nickel	N	3.22V	mg/kg dry	1	0.00345	0.195	BGE2511	06/22/2023 14:47	TBB
EPA 200.8	Selenium	N	1.67	mg/kg dry	1	0.214	0.389	BGE2511	06/20/2023 10:08	TBB
EPA 200.8	Silver	N	0.163	mg/kg dry	1	0.00138	0.0974	BGE2511	06/20/2023 10:08	TBB
EPA 200.8	Thallium	N	0.00312J	mg/kg dry	1	0.00134	0.0974	BGE2511	06/20/2023 10:08	TBB
EPA 200.8	Zinc	N	112V	mg/kg dry	5	0.366	1.95	BGE2511	06/20/2023 10:10	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 5-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-63      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0137U	mg/kg dry	1	0.0137	0.170	BGE2511	06/20/2023 10:13	TBB
EPA 200.8	Arsenic	N	10.9	mg/kg dry	1	0.0209	0.0851	BGE2511	06/22/2023 14:52	TBB
EPA 200.8	Beryllium	N	0.0114J	mg/kg dry	1	0.00170	0.0340	BGE2511	06/23/2023 11:02	TBB
EPA 200.8	Cadmium	N	0.427	mg/kg dry	1	0.00538	0.170	BGE2511	06/20/2023 10:13	TBB
EPA 200.8	Chromium	N	0.256V, J	mg/kg dry	1	0.0125	0.510	BGE2511	06/20/2023 10:13	TBB
EPA 200.8	Copper	N	10.8V	mg/kg dry	1	0.0148	0.170	BGE2511	06/22/2023 14:52	TBB
SW-7471B	Mercury	A	<0.0410U	mg/kg dry	1	0.0410	0.0820	BGE3653	06/23/2023 15:45	AKR
EPA 200.8	Lead	N	0.279	mg/kg dry	1	0.0128	0.0851	BGE2511	06/20/2023 10:13	TBB
EPA 200.8	Nickel	N	2.87V	mg/kg dry	1	0.00301	0.170	BGE2511	06/22/2023 14:52	TBB
EPA 200.8	Selenium	N	1.42	mg/kg dry	1	0.187	0.340	BGE2511	06/20/2023 10:13	TBB
EPA 200.8	Silver	N	0.167	mg/kg dry	1	0.00121	0.0851	BGE2511	06/20/2023 10:13	TBB
EPA 200.8	Thallium	N	0.00255J	mg/kg dry	1	0.00117	0.0851	BGE2511	06/20/2023 10:13	TBB
EPA 200.8	Zinc	N	98.1V	mg/kg dry	5	0.319	1.70	BGE2511	06/20/2023 10:15	TBB





Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 5-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-64      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0128U	mg/kg dry	1	0.0128	0.159	BGE2511	06/20/2023 10:18	TBB
EPA 200.8	Arsenic	N	11.5	mg/kg dry	1	0.0196	0.0795	BGE2511	06/22/2023 15:04	TBB
EPA 200.8	Beryllium	N	0.0126J	mg/kg dry	1	0.00159	0.0318	BGE2511	06/23/2023 11:04	TBB
EPA 200.8	Cadmium	N	0.371	mg/kg dry	1	0.00503	0.159	BGE2511	06/20/2023 10:18	TBB
EPA 200.8	Chromium	N	0.321V, J	mg/kg dry	1	0.0117	0.477	BGE2511	06/20/2023 10:18	TBB
EPA 200.8	Copper	N	11.1V	mg/kg dry	1	0.0138	0.159	BGE2511	06/22/2023 15:04	TBB
SW-7471B	Mercury	A	<0.0401U	mg/kg dry	1	0.0401	0.0802	BGE3653	06/23/2023 15:48	AKR
EPA 200.8	Lead	N	0.318	mg/kg dry	1	0.0120	0.0795	BGE2511	06/20/2023 10:18	TBB
EPA 200.8	Nickel	N	2.76V	mg/kg dry	1	0.00282	0.159	BGE2511	06/22/2023 15:04	TBB
EPA 200.8	Selenium	N	1.59	mg/kg dry	1	0.175	0.318	BGE2511	06/20/2023 10:18	TBB
EPA 200.8	Silver	N	0.151	mg/kg dry	1	0.00113	0.0795	BGE2511	06/20/2023 10:18	TBB
EPA 200.8	Thallium	N	0.00270J	mg/kg dry	1	0.00110	0.0795	BGE2511	06/20/2023 10:18	TBB
EPA 200.8	Zinc	N	95.6V	mg/kg dry	5	0.299	1.59	BGE2511	06/20/2023 10:28	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 5-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-65      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0144U	mg/kg dry	1	0.0144	0.179	BGE2511	06/20/2023 10:30	TBB
EPA 200.8	Arsenic	N	12.6	mg/kg dry	1	0.0221	0.0897	BGE2511	06/22/2023 15:09	TBB
EPA 200.8	Beryllium	N	0.0109J	mg/kg dry	1	0.00179	0.0359	BGE2511	06/23/2023 11:07	TBB
EPA 200.8	Cadmium	N	0.421	mg/kg dry	1	0.00567	0.179	BGE2511	06/20/2023 10:30	TBB
EPA 200.8	Chromium	N	0.267V, J	mg/kg dry	1	0.0132	0.538	BGE2511	06/20/2023 10:30	TBB
EPA 200.8	Copper	N	11.7V	mg/kg dry	1	0.0156	0.179	BGE2511	06/22/2023 15:09	TBB
SW-7471B	Mercury	A	<0.0431U	mg/kg dry	1	0.0431	0.0862	BGE3653	06/23/2023 15:28	AKR
EPA 200.8	Lead	N	0.337	mg/kg dry	1	0.0136	0.0897	BGE2511	06/20/2023 10:30	TBB
EPA 200.8	Nickel	N	2.86V	mg/kg dry	1	0.00318	0.179	BGE2511	06/22/2023 15:09	TBB
EPA 200.8	Selenium	N	1.66	mg/kg dry	1	0.197	0.359	BGE2511	06/20/2023 10:30	TBB
EPA 200.8	Silver	N	0.179	mg/kg dry	1	0.00127	0.0897	BGE2511	06/20/2023 10:30	TBB
EPA 200.8	Thallium	N	0.00323J	mg/kg dry	1	0.00124	0.0897	BGE2511	06/20/2023 10:30	TBB
EPA 200.8	Zinc	N	104V	mg/kg dry	5	0.337	1.79	BGE2511	06/20/2023 10:33	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 6-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-66      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0138U	mg/kg dry	1	0.0138	0.172	BGE2511	06/20/2023 10:35	TBB
EPA 200.8	Arsenic	N	12.0	mg/kg dry	1	0.0211	0.0858	BGE2511	06/22/2023 15:14	TBB
EPA 200.8	Beryllium	N	0.0132J	mg/kg dry	1	0.00172	0.0343	BGE2511	06/23/2023 11:09	TBB
EPA 200.8	Cadmium	N	0.415	mg/kg dry	1	0.00542	0.172	BGE2511	06/20/2023 10:35	TBB
EPA 200.8	Chromium	N	0.316V, J	mg/kg dry	1	0.0126	0.515	BGE2511	06/20/2023 10:35	TBB
EPA 200.8	Copper	N	11.7V	mg/kg dry	1	0.0149	0.172	BGE2511	06/22/2023 15:14	TBB
SW-7471B	Mercury	A	<0.0412U	mg/kg dry	1	0.0412	0.0824	BGE3653	06/23/2023 15:52	AKR
EPA 200.8	Lead	N	0.347	mg/kg dry	1	0.0130	0.0858	BGE2511	06/20/2023 10:35	TBB
EPA 200.8	Nickel	N	3.20V	mg/kg dry	1	0.00304	0.172	BGE2511	06/22/2023 15:14	TBB
EPA 200.8	Selenium	N	1.52	mg/kg dry	1	0.189	0.343	BGE2511	06/20/2023 10:35	TBB
EPA 200.8	Silver	N	0.223	mg/kg dry	1	0.00122	0.0858	BGE2511	06/20/2023 10:35	TBB
EPA 200.8	Thallium	N	0.00532J	mg/kg dry	1	0.00118	0.0858	BGE2511	06/20/2023 10:35	TBB
EPA 200.8	Zinc	N	102V	mg/kg dry	5	0.322	1.72	BGE2511	06/20/2023 10:38	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 6-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-67      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0143U	mg/kg dry	1	0.0143	0.178	BGE2511	06/20/2023 10:40	TBB
EPA 200.8	Arsenic	N	11.8	mg/kg dry	1	0.0218	0.0888	BGE2511	06/22/2023 15:19	TBB
EPA 200.8	Beryllium	N	0.0155J	mg/kg dry	1	0.00178	0.0355	BGE2511	06/23/2023 11:12	TBB
EPA 200.8	Cadmium	N	0.494	mg/kg dry	1	0.00561	0.178	BGE2511	06/20/2023 10:40	TBB
EPA 200.8	Chromium	N	0.528V, J	mg/kg dry	1	0.0131	0.533	BGE2511	06/20/2023 10:40	TBB
EPA 200.8	Copper	N	11.0V	mg/kg dry	1	0.0155	0.178	BGE2511	06/22/2023 15:19	TBB
SW-7471B	Mercury	A	<0.0418U	mg/kg dry	1	0.0418	0.0836	BGE3653	06/23/2023 15:55	AKR
EPA 200.8	Lead	N	0.428	mg/kg dry	1	0.0134	0.0888	BGE2511	06/20/2023 10:40	TBB
EPA 200.8	Nickel	N	3.29V	mg/kg dry	1	0.00314	0.178	BGE2511	06/22/2023 15:19	TBB
EPA 200.8	Selenium	N	1.56	mg/kg dry	1	0.195	0.355	BGE2511	06/20/2023 10:40	TBB
EPA 200.8	Silver	N	0.212	mg/kg dry	1	0.00126	0.0888	BGE2511	06/20/2023 10:40	TBB
EPA 200.8	Thallium	N	0.00533J	mg/kg dry	1	0.00123	0.0888	BGE2511	06/20/2023 10:40	TBB
EPA 200.8	Zinc	N	105V	mg/kg dry	5	0.334	1.78	BGE2511	06/20/2023 10:43	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 6-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-68      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0154U	mg/kg dry	1	0.0154	0.191	BGE2511	06/20/2023 10:45	TBB
EPA 200.8	Arsenic	N	11.8	mg/kg dry	1	0.0235	0.0956	BGE2511	06/22/2023 15:23	TBB
EPA 200.8	Beryllium	N	0.0134J	mg/kg dry	1	0.00191	0.0382	BGE2511	06/23/2023 11:14	TBB
EPA 200.8	Cadmium	N	0.522	mg/kg dry	1	0.00604	0.191	BGE2511	06/20/2023 10:45	TBB
EPA 200.8	Chromium	N	0.326V, J	mg/kg dry	1	0.0140	0.573	BGE2511	06/20/2023 10:45	TBB
EPA 200.8	Copper	N	12.7V	mg/kg dry	1	0.0166	0.191	BGE2511	06/22/2023 15:23	TBB
SW-7471B	Mercury	A	<0.0478U	mg/kg dry	1	0.0478	0.0955	BGE3653	06/23/2023 16:05	AKR
EPA 200.8	Lead	N	0.497	mg/kg dry	1	0.0144	0.0956	BGE2511	06/20/2023 10:45	TBB
EPA 200.8	Nickel	N	4.13V	mg/kg dry	1	0.00338	0.191	BGE2511	06/22/2023 15:23	TBB
EPA 200.8	Selenium	N	1.61	mg/kg dry	1	0.210	0.382	BGE2511	06/20/2023 10:45	TBB
EPA 200.8	Silver	N	0.223	mg/kg dry	1	0.00136	0.0956	BGE2511	06/20/2023 10:45	TBB
EPA 200.8	Thallium	N	0.00554J	mg/kg dry	1	0.00132	0.0956	BGE2511	06/20/2023 10:45	TBB
EPA 200.8	Zinc	N	113V	mg/kg dry	5	0.359	1.91	BGE2511	06/20/2023 10:48	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 6-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-69      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0747U	mg/kg dry	5	0.0747	0.928	BGE2511	06/20/2023 11:10	TBB
EPA 200.8	Arsenic	N	11.4	mg/kg dry	1	0.0228	0.0928	BGE2511	06/22/2023 15:45	TBB
EPA 200.8	Beryllium	N	0.0104J	mg/kg dry	1	0.00186	0.0371	BGE2511	06/23/2023 13:59	TBB
EPA 200.8	Cadmium	N	0.480J	mg/kg dry	5	0.0293	0.928	BGE2511	06/20/2023 11:10	TBB
EPA 200.8	Chromium	N	0.266V, J	mg/kg dry	5	0.0682	2.78	BGE2511	06/20/2023 11:10	TBB
EPA 200.8	Copper	N	10.8V	mg/kg dry	1	0.0161	0.186	BGE2511	06/22/2023 15:45	TBB
SW-7471B	Mercury	A	<0.0435U	mg/kg dry	1	0.0435	0.0870	BGE3653	06/23/2023 16:18	AKR
EPA 200.8	Lead	N	0.386J	mg/kg dry	5	0.0700	0.464	BGE2511	06/20/2023 11:10	TBB
EPA 200.8	Nickel	N	3.45V	mg/kg dry	1	0.00328	0.186	BGE2511	06/22/2023 15:45	TBB
EPA 200.8	Selenium	N	1.07J	mg/kg dry	5	1.02	1.86	BGE2511	06/20/2023 11:10	TBB
EPA 200.8	Silver	N	0.177J	mg/kg dry	5	0.00659	0.464	BGE2511	06/20/2023 11:10	TBB
EPA 200.8	Thallium	N	<0.00640U	mg/kg dry	5	0.00640	0.464	BGE2511	06/20/2023 11:10	TBB
EPA 200.8	Zinc	N	101V	mg/kg dry	5	0.348	1.86	BGE2511	06/20/2023 11:10	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 6-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-70      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0151U	mg/kg dry	1	0.0151	0.187	BGE2511	06/20/2023 11:12	TBB
EPA 200.8	Arsenic	N	11.5	mg/kg dry	1	0.0231	0.0937	BGE2511	06/22/2023 15:50	TBB
EPA 200.8	Beryllium	N	0.0126J	mg/kg dry	1	0.00187	0.0375	BGE2511	06/23/2023 14:01	TBB
EPA 200.8	Cadmium	N	0.483	mg/kg dry	1	0.00592	0.187	BGE2511	06/20/2023 11:12	TBB
EPA 200.8	Chromium	N	0.301V, J	mg/kg dry	1	0.0138	0.562	BGE2511	06/20/2023 11:12	TBB
EPA 200.8	Copper	N	11.3V	mg/kg dry	1	0.0163	0.187	BGE2511	06/22/2023 15:50	TBB
SW-7471B	Mercury	A	<0.0448U	mg/kg dry	1	0.0448	0.0896	BGE3653	06/23/2023 16:21	AKR
EPA 200.8	Lead	N	0.298	mg/kg dry	1	0.0142	0.0937	BGE2511	06/20/2023 11:12	TBB
EPA 200.8	Nickel	N	3.55V	mg/kg dry	1	0.00332	0.187	BGE2511	06/22/2023 15:50	TBB
EPA 200.8	Selenium	N	1.51	mg/kg dry	1	0.206	0.375	BGE2511	06/20/2023 11:12	TBB
EPA 200.8	Silver	N	0.178	mg/kg dry	1	0.00133	0.0937	BGE2511	06/20/2023 11:12	TBB
EPA 200.8	Thallium	N	0.00431J	mg/kg dry	1	0.00129	0.0937	BGE2511	06/20/2023 11:12	TBB
EPA 200.8	Zinc	N	105V	mg/kg dry	5	0.352	1.87	BGE2511	06/20/2023 11:15	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 7-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-71      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0171U	mg/kg dry	1	0.0171	0.212	BGE2511	06/20/2023 11:17	TBB
EPA 200.8	Arsenic	N	10.8	mg/kg dry	1	0.0261	0.106	BGE2511	06/22/2023 15:55	TBB
EPA 200.8	Beryllium	N	0.0134J	mg/kg dry	1	0.00212	0.0424	BGE2511	06/23/2023 14:04	TBB
EPA 200.8	Cadmium	N	0.532	mg/kg dry	1	0.00670	0.212	BGE2511	06/20/2023 11:17	TBB
EPA 200.8	Chromium	N	0.664V	mg/kg dry	1	0.0156	0.636	BGE2511	06/20/2023 11:17	TBB
EPA 200.8	Copper	N	11.1V	mg/kg dry	1	0.0185	0.212	BGE2511	06/22/2023 15:55	TBB
SW-7471B	Mercury	A	<0.0505U	mg/kg dry	1	0.0505	0.101	BGE3653	06/23/2023 16:25	AKR
EPA 200.8	Lead	N	0.377	mg/kg dry	1	0.0160	0.106	BGE2511	06/20/2023 11:17	TBB
EPA 200.8	Nickel	N	3.48V	mg/kg dry	1	0.00375	0.212	BGE2511	06/22/2023 15:55	TBB
EPA 200.8	Selenium	N	1.39	mg/kg dry	1	0.233	0.424	BGE2511	06/20/2023 11:17	TBB
EPA 200.8	Silver	N	0.182	mg/kg dry	1	0.00151	0.106	BGE2511	06/20/2023 11:17	TBB
EPA 200.8	Thallium	N	0.00255J	mg/kg dry	1	0.00146	0.106	BGE2511	06/20/2023 11:17	TBB
EPA 200.8	Zinc	N	106V	mg/kg dry	5	0.398	2.12	BGE2511	06/20/2023 11:20	TBB





Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 7-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-72      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0144U	mg/kg dry	1	0.0144	0.179	BGE2511	06/20/2023 11:22	TBB
EPA 200.8	Arsenic	N	12.6	mg/kg dry	1	0.0220	0.0893	BGE2511	06/22/2023 16:07	TBB
EPA 200.8	Beryllium	N	0.0113J	mg/kg dry	1	0.00179	0.0357	BGE2511	06/23/2023 14:06	TBB
EPA 200.8	Cadmium	N	0.489	mg/kg dry	1	0.00564	0.179	BGE2511	06/20/2023 11:22	TBB
EPA 200.8	Chromium	N	0.416V, J	mg/kg dry	1	0.0131	0.536	BGE2511	06/20/2023 11:22	TBB
EPA 200.8	Copper	N	11.0V	mg/kg dry	1	0.0155	0.179	BGE2511	06/22/2023 16:07	TBB
SW-7471B	Mercury	A	<0.0427U	mg/kg dry	1	0.0427	0.0854	BGE3653	06/23/2023 16:28	AKR
EPA 200.8	Lead	N	0.405	mg/kg dry	1	0.0135	0.0893	BGE2511	06/20/2023 11:22	TBB
EPA 200.8	Nickel	N	3.59V	mg/kg dry	1	0.00316	0.179	BGE2511	06/22/2023 16:07	TBB
EPA 200.8	Selenium	N	1.66	mg/kg dry	1	0.196	0.357	BGE2511	06/20/2023 11:22	TBB
EPA 200.8	Silver	N	0.162	mg/kg dry	1	0.00127	0.0893	BGE2511	06/20/2023 11:22	TBB
EPA 200.8	Thallium	N	0.00322J	mg/kg dry	1	0.00123	0.0893	BGE2511	06/20/2023 11:22	TBB
EPA 200.8	Zinc	N	120V	mg/kg dry	5	0.335	1.79	BGE2511	06/20/2023 11:32	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 7-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-73      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0143U	mg/kg dry	1	0.0143	0.178	BGE2511	06/20/2023 11:34	TBB
EPA 200.8	Arsenic	N	12.0	mg/kg dry	1	0.0219	0.0891	BGE2511	06/22/2023 16:12	TBB
EPA 200.8	Beryllium	N	0.0112J	mg/kg dry	1	0.00178	0.0356	BGE2511	06/23/2023 14:08	TBB
EPA 200.8	Cadmium	N	0.434	mg/kg dry	1	0.00563	0.178	BGE2511	06/20/2023 11:34	TBB
EPA 200.8	Chromium	N	0.241V, J	mg/kg dry	1	0.0131	0.535	BGE2511	06/20/2023 11:34	TBB
EPA 200.8	Copper	N	11.0V	mg/kg dry	1	0.0155	0.178	BGE2511	06/22/2023 16:12	TBB
SW-7471B	Mercury	A	<0.0435U	mg/kg dry	1	0.0435	0.0869	BGE3653	06/23/2023 16:31	AKR
EPA 200.8	Lead	N	0.353	mg/kg dry	1	0.0135	0.0891	BGE2511	06/20/2023 11:34	TBB
EPA 200.8	Nickel	N	3.09V	mg/kg dry	1	0.00315	0.178	BGE2511	06/22/2023 16:12	TBB
EPA 200.8	Selenium	N	1.51	mg/kg dry	1	0.196	0.356	BGE2511	06/20/2023 11:34	TBB
EPA 200.8	Silver	N	0.161	mg/kg dry	1	0.00127	0.0891	BGE2511	06/20/2023 11:34	TBB
EPA 200.8	Thallium	N	0.00285J	mg/kg dry	1	0.00123	0.0891	BGE2511	06/20/2023 11:34	TBB
EPA 200.8	Zinc	N	105V	mg/kg dry	5	0.335	1.78	BGE2511	06/20/2023 11:37	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 7-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-74      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0155U	mg/kg dry	1	0.0155	0.193	BGE2511	06/20/2023 11:39	TBB
EPA 200.8	Arsenic	N	11.7	mg/kg dry	1	0.0237	0.0963	BGE2511	06/22/2023 16:17	TBB
EPA 200.8	Beryllium	N	0.0158J	mg/kg dry	1	0.00193	0.0385	BGE2511	06/23/2023 14:11	TBB
EPA 200.8	Cadmium	N	0.479	mg/kg dry	1	0.00609	0.193	BGE2511	06/20/2023 11:39	TBB
EPA 200.8	Chromium	N	0.263V, J	mg/kg dry	1	0.0142	0.578	BGE2511	06/20/2023 11:39	TBB
EPA 200.8	Copper	N	11.3V	mg/kg dry	1	0.0168	0.193	BGE2511	06/22/2023 16:17	TBB
SW-7471B	Mercury	A	<0.0480U	mg/kg dry	1	0.0480	0.0959	BGE3653	06/23/2023 16:41	AKR
EPA 200.8	Lead	N	0.391	mg/kg dry	1	0.0145	0.0963	BGE2511	06/20/2023 11:39	TBB
EPA 200.8	Nickel	N	3.04V	mg/kg dry	1	0.00341	0.193	BGE2511	06/22/2023 16:17	TBB
EPA 200.8	Selenium	N	1.45	mg/kg dry	1	0.212	0.385	BGE2511	06/20/2023 11:39	TBB
EPA 200.8	Silver	N	0.176	mg/kg dry	1	0.00137	0.0963	BGE2511	06/20/2023 11:39	TBB
EPA 200.8	Thallium	N	0.00328J	mg/kg dry	1	0.00133	0.0963	BGE2511	06/20/2023 11:39	TBB
EPA 200.8	Zinc	N	111V	mg/kg dry	5	0.362	1.93	BGE2511	06/20/2023 11:42	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 7-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-75      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0156U	mg/kg dry	1	0.0156	0.193	BGE2511	06/20/2023 11:44	TBB
EPA 200.8	Arsenic	N	11.0	mg/kg dry	1	0.0238	0.0966	BGE2511	06/22/2023 16:22	TBB
EPA 200.8	Beryllium	N	0.0122J	mg/kg dry	1	0.00193	0.0387	BGE2511	06/23/2023 14:13	TBB
EPA 200.8	Cadmium	N	0.494	mg/kg dry	1	0.00611	0.193	BGE2511	06/20/2023 11:44	TBB
EPA 200.8	Chromium	N	0.321V, J	mg/kg dry	1	0.0142	0.580	BGE2511	06/20/2023 11:44	TBB
EPA 200.8	Copper	N	10.1V	mg/kg dry	1	0.0168	0.193	BGE2511	06/22/2023 16:22	TBB
SW-7471B	Mercury	A	<0.0479U	mg/kg dry	1	0.0479	0.0958	BGE3653	06/23/2023 16:08	AKR
EPA 200.8	Lead	N	0.415	mg/kg dry	1	0.0146	0.0966	BGE2511	06/20/2023 11:44	TBB
EPA 200.8	Nickel	N	3.33V	mg/kg dry	1	0.00342	0.193	BGE2511	06/22/2023 16:22	TBB
EPA 200.8	Selenium	N	1.42	mg/kg dry	1	0.213	0.387	BGE2511	06/20/2023 11:44	TBB
EPA 200.8	Silver	N	0.205	mg/kg dry	1	0.00137	0.0966	BGE2511	06/20/2023 11:44	TBB
EPA 200.8	Thallium	N	0.00290J	mg/kg dry	1	0.00133	0.0966	BGE2511	06/20/2023 11:44	TBB
EPA 200.8	Zinc	N	117V	mg/kg dry	5	0.363	1.93	BGE2511	06/20/2023 11:47	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 8-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-76      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0145U	mg/kg dry	1	0.0145	0.180	BGE2511	06/20/2023 11:49	TBB
EPA 200.8	Arsenic	N	10.5	mg/kg dry	1	0.0221	0.0899	BGE2511	06/22/2023 16:27	TBB
EPA 200.8	Beryllium	N	0.00989J	mg/kg dry	1	0.00180	0.0360	BGE2511	06/23/2023 14:16	TBB
EPA 200.8	Cadmium	N	0.463	mg/kg dry	1	0.00568	0.180	BGE2511	06/20/2023 11:49	TBB
EPA 200.8	Chromium	N	0.374V, J	mg/kg dry	1	0.0132	0.539	BGE2511	06/20/2023 11:49	TBB
EPA 200.8	Copper	N	15.8V	mg/kg dry	1	0.0156	0.180	BGE2511	06/22/2023 16:27	TBB
SW-7471B	Mercury	A	<0.0439U	mg/kg dry	1	0.0439	0.0877	BGE3653	06/23/2023 16:45	AKR
EPA 200.8	Lead	N	0.451	mg/kg dry	1	0.0136	0.0899	BGE2511	06/20/2023 11:49	TBB
EPA 200.8	Nickel	N	2.87V	mg/kg dry	1	0.00318	0.180	BGE2511	06/23/2023 11:52	TBB
EPA 200.8	Selenium	N	1.42	mg/kg dry	1	0.198	0.360	BGE2511	06/20/2023 11:49	TBB
EPA 200.8	Silver	N	0.230	mg/kg dry	1	0.00128	0.0899	BGE2511	06/20/2023 11:49	TBB
EPA 200.8	Thallium	N	0.00324J	mg/kg dry	1	0.00124	0.0899	BGE2511	06/20/2023 11:49	TBB
EPA 200.8	Zinc	N	98.6V	mg/kg dry	5	0.338	1.80	BGE2511	06/20/2023 11:52	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 8-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-77      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0131U	mg/kg dry	1	0.0131	0.163	BGE2512	06/18/2023 13:26	TBB
EPA 200.8	Arsenic	N	12.2	mg/kg dry	1	0.0201	0.0816	BGE2512	06/18/2023 13:26	TBB
EPA 200.8	Beryllium	N	0.0136J	mg/kg dry	1	0.00163	0.0327	BGE2512	06/19/2023 12:44	TBB
EPA 200.8	Cadmium	N	0.452	mg/kg dry	1	0.00516	0.163	BGE2512	06/18/2023 13:26	TBB
EPA 200.8	Chromium	N	0.418V, J	mg/kg dry	1	0.0120	0.490	BGE2512	06/18/2023 13:26	TBB
EPA 200.8	Copper	N	12.1V	mg/kg dry	1	0.0142	0.163	BGE2512	06/21/2023 13:06	TBB
SW-7471B	Mercury	A	<0.0398U	mg/kg dry	1	0.0398	0.0796	BGE3653	06/23/2023 16:48	AKR
EPA 200.8	Lead	N	0.424	mg/kg dry	1	0.0123	0.0816	BGE2512	06/18/2023 13:26	TBB
EPA 200.8	Nickel	N	2.88V	mg/kg dry	1	0.00289	0.163	BGE2512	06/21/2023 13:06	TBB
EPA 200.8	Selenium	N	1.52	mg/kg dry	1	0.180	0.327	BGE2512	06/18/2023 13:26	TBB
EPA 200.8	Silver	N	0.146	mg/kg dry	1	0.00116	0.0816	BGE2512	06/19/2023 12:44	TBB
EPA 200.8	Thallium	N	0.00424J	mg/kg dry	1	0.00113	0.0816	BGE2512	06/18/2023 13:26	TBB
EPA 200.8	Zinc	N	99.0V	mg/kg dry	5	0.307	1.63	BGE2512	06/18/2023 13:29	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 8-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-78      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.0183J	mg/kg dry	1	0.0158	0.197	BGE2512	06/18/2023 13:49	TBB
EPA 200.8	Arsenic	N	12.6	mg/kg dry	1	0.0242	0.0984	BGE2512	06/18/2023 13:49	TBB
EPA 200.8	Beryllium	N	0.0132J	mg/kg dry	1	0.00197	0.0394	BGE2512	06/19/2023 12:51	TBB
EPA 200.8	Cadmium	N	0.572	mg/kg dry	1	0.00622	0.197	BGE2512	06/18/2023 13:49	TBB
EPA 200.8	Chromium	N	0.574V, J	mg/kg dry	1	0.0145	0.591	BGE2512	06/18/2023 13:49	TBB
EPA 200.8	Copper	N	14.0V	mg/kg dry	1	0.0171	0.197	BGE2512	06/21/2023 13:26	TBB
SW-7471B	Mercury	A	<0.0478U	mg/kg dry	1	0.0478	0.0957	BGE3653	06/23/2023 16:51	AKR
EPA 200.8	Lead	N	0.536	mg/kg dry	1	0.0149	0.0984	BGE2512	06/18/2023 13:49	TBB
EPA 200.8	Nickel	N	4.11V	mg/kg dry	1	0.00348	0.197	BGE2512	06/21/2023 13:26	TBB
EPA 200.8	Selenium	N	1.73	mg/kg dry	1	0.217	0.394	BGE2512	06/18/2023 13:49	TBB
EPA 200.8	Silver	N	0.252	mg/kg dry	1	0.00140	0.0984	BGE2512	06/19/2023 12:51	TBB
EPA 200.8	Thallium	N	0.00650J	mg/kg dry	1	0.00136	0.0984	BGE2512	06/18/2023 13:49	TBB
EPA 200.8	Zinc	N	125V	mg/kg dry	5	0.370	1.97	BGE2512	06/18/2023 13:51	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 8-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-79      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0159U	mg/kg dry	1	0.0159	0.197	BGE2512	06/18/2023 13:53	TBB
EPA 200.8	Arsenic	N	13.5	mg/kg dry	1	0.0242	0.0985	BGE2512	06/18/2023 13:53	TBB
EPA 200.8	Beryllium	N	0.0171J	mg/kg dry	1	0.00197	0.0394	BGE2512	06/19/2023 12:53	TBB
EPA 200.8	Cadmium	N	0.572	mg/kg dry	1	0.00622	0.197	BGE2512	06/18/2023 13:53	TBB
EPA 200.8	Chromium	N	0.405V, J	mg/kg dry	1	0.0145	0.591	BGE2512	06/18/2023 13:53	TBB
EPA 200.8	Copper	N	17.9V	mg/kg dry	1	0.0171	0.197	BGE2512	06/21/2023 13:28	TBB
SW-7471B	Mercury	A	<0.0484U	mg/kg dry	1	0.0484	0.0968	BGE3653	06/23/2023 16:54	AKR
EPA 200.8	Lead	N	0.436	mg/kg dry	1	0.0149	0.0985	BGE2512	06/18/2023 13:53	TBB
EPA 200.8	Nickel	N	4.44V	mg/kg dry	1	0.00349	0.197	BGE2512	06/21/2023 13:28	TBB
EPA 200.8	Selenium	N	1.50	mg/kg dry	1	0.217	0.394	BGE2512	06/18/2023 13:53	TBB
EPA 200.8	Silver	N	0.202	mg/kg dry	1	0.00140	0.0985	BGE2512	06/19/2023 12:53	TBB
EPA 200.8	Thallium	N	0.00453J	mg/kg dry	1	0.00136	0.0985	BGE2512	06/18/2023 13:53	TBB
EPA 200.8	Zinc	N	111V	mg/kg dry	5	0.370	1.97	BGE2512	06/18/2023 13:56	TBB





Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 8-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-80      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.0164U	mg/kg dry	1	0.0164	0.203	BGE2512	06/18/2023 13:58	TBB
EPA 200.8	Arsenic	N	<0.0250U	mg/kg dry	1	0.0250	0.102	BGE2512	06/18/2023 13:58	TBB
EPA 200.8	Beryllium	N	0.0108J	mg/kg dry	1	0.00203	0.0407	BGE2512	06/19/2023 12:56	TBB
EPA 200.8	Cadmium	N	<0.00643U	mg/kg dry	1	0.00643	0.203	BGE2512	06/18/2023 13:58	TBB
EPA 200.8	Chromium	N	<0.0150B, U	mg/kg dry	1	0.0150	0.610	BGE2512	06/18/2023 13:58	TBB
EPA 200.8	Copper	N	12.9V	mg/kg dry	1	0.0177	0.203	BGE2512	06/21/2023 13:31	TBB
SW-7471B	Mercury	A	<0.0481U	mg/kg dry	1	0.0481	0.0961	BGE3653	06/23/2023 16:58	AKR
EPA 200.8	Lead	N	<0.0154U	mg/kg dry	1	0.0154	0.102	BGE2512	06/18/2023 13:58	TBB
EPA 200.8	Nickel	N	3.43V	mg/kg dry	1	0.00360	0.203	BGE2512	06/21/2023 13:31	TBB
EPA 200.8	Selenium	N	<0.224U	mg/kg dry	1	0.224	0.407	BGE2512	06/18/2023 13:58	TBB
EPA 200.8	Silver	N	0.154	mg/kg dry	1	0.00144	0.102	BGE2512	06/19/2023 12:56	TBB
EPA 200.8	Thallium	N	0.00142J	mg/kg dry	1	0.00140	0.102	BGE2512	06/18/2023 13:58	TBB
EPA 200.8	Zinc	N	<0.0764B, U	mg/kg dry	1	0.0764	0.407	BGE2512	06/18/2023 13:58	TBB

Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/07/2023 09:34

### Quality Control

#### Metals, Total

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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#### Batch: BGE2501 - EPA 200.3

##### Blank (BGE2501-BLK1)

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	<0.0973	U	0.0973	mg/kg wet						
Arsenic	<0.0486	U	0.0486	mg/kg wet						
Cadmium	<0.0973	U	0.0973	mg/kg wet						
Chromium	0.0255	J	0.292	mg/kg wet						
Copper	0.0588	J	0.0973	mg/kg wet						
Lead	<0.0486	U	0.0486	mg/kg wet						
Nickel	0.00467	J	0.0973	mg/kg wet						
Selenium	<0.195	U	0.195	mg/kg wet						
Thallium	<0.0486	U	0.0486	mg/kg wet						
Zinc	0.158	J	0.195	mg/kg wet						

##### Blank (BGE2501-BLK2)

Prepared: 5/16/2023 Analyzed: 6/19/2023

Cadmium	<0.0973	U	0.0973	mg/kg wet						
Chromium	0.0274	J	0.292	mg/kg wet						
Lead	<0.0486	U	0.0486	mg/kg wet						
Selenium	<0.195	U	0.195	mg/kg wet						
Thallium	<0.0486	U	0.0486	mg/kg wet						

##### Blank (BGE2501-BLK3)

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	<0.0195	U	0.0195	mg/kg wet						
Silver	<0.0486	U	0.0486	mg/kg wet						

##### LCS (BGE2501-BS1)

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	10.4		0.0996	mg/kg wet	9.96		105	85-115		
Arsenic	5.16		0.0498	mg/kg wet	4.98		104	85-115		
Cadmium	10.2		0.0996	mg/kg wet	9.96		103	85-115		
Chromium	30.3		0.299	mg/kg wet	29.9		102	85-115		
Copper	10.6		0.0996	mg/kg wet	9.96		107	85-115		
Lead	5.20		0.0498	mg/kg wet	4.98		104	85-115		
Nickel	10.1		0.0996	mg/kg wet	9.96		102	85-115		
Selenium	20.7		0.199	mg/kg wet	19.9		104	85-115		
Thallium	5.05		0.0498	mg/kg wet	4.98		101	85-115		
Zinc	21.0		0.199	mg/kg wet	19.9		105	85-115		

Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/07/2023 09:34

**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2501 - EPA 200.3 (Continued)**

**LCS (BGE2501-BS2)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	10.3		0.0996	mg/kg wet	9.96		104	85-115		
Cadmium	10.3		0.0996	mg/kg wet	9.96		103	85-115		
Chromium	30.6		0.299	mg/kg wet	29.9		103	85-115		
Selenium	21.6		0.199	mg/kg wet	19.9		108	85-115		
Thallium	5.18		0.0498	mg/kg wet	4.98		104	85-115		

**LCS (BGE2501-BS3)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	1.98		0.0199	mg/kg wet	1.99		99.4	85-115		
Silver	3.52	J1	0.0498	mg/kg wet	4.98		70.6	85-115		

**Duplicate (BGE2501-DUP1)**

Source: 23E2845-01

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	0.0191	J	0.147	mg/kg dry		0.0174		9.68	20	
Arsenic	18.1		0.368	mg/kg dry		17.6		2.30	20	
Cadmium	0.236		0.147	mg/kg dry		0.224		5.25	20	
Chromium	0.329	J	0.441	mg/kg dry		0.332		0.757	20	
Copper	8.25		0.147	mg/kg dry		8.43		2.20	20	
Lead	0.599		0.0736	mg/kg dry		0.561		6.50	20	
Nickel	1.15		0.147	mg/kg dry		1.19		2.82	20	
Selenium	2.14		0.294	mg/kg dry		2.14		0.0963	20	
Thallium	0.00383	J	0.0736	mg/kg dry		0.00368		3.92	20	
Zinc	62.7		1.47	mg/kg dry		63.4		1.16	20	

**Duplicate (BGE2501-DUP2)**

Source: 23E2845-11

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	0.0192	J	0.166	mg/kg dry		0.0206		7.07	20	
Arsenic	16.1		0.0829	mg/kg dry		14.7		8.63	20	
Cadmium	0.207		0.166	mg/kg dry		0.236		13.2	20	
Chromium	0.577	J1	0.497	mg/kg dry		0.466		21.3	20	
Lead	0.712		0.0829	mg/kg dry		0.757		6.06	20	
Selenium	2.09		0.332	mg/kg dry		2.17		3.72	20	
Thallium	0.00298	J	0.0829	mg/kg dry		0.00264		12.2	20	
Zinc	119	J1	1.66	mg/kg dry		171		35.3	20	

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Project Number:  
Project Manager: Gregg Pawlak

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE2501 - EPA 200.3 (Continued)</b>										
<b>Duplicate (BGE2501-DUP3)</b>			<b>Source: 23E2845-01</b>			Prepared: 5/16/2023 Analyzed: 6/19/2023				
Cadmium	0.245		0.147	mg/kg dry		0.224			9.05	20
Chromium	0.334	J	0.441	mg/kg dry		0.332			0.751	20
Lead	0.616		0.0736	mg/kg dry		0.561			9.45	20
Selenium	2.29		0.294	mg/kg dry		2.14			6.86	20
Thallium	0.00353	J	0.0736	mg/kg dry		0.00368			4.08	20
<b>Duplicate (BGE2501-DUP4)</b>			<b>Source: 23E2845-11</b>			Prepared: 5/16/2023 Analyzed: 6/19/2023				
Cadmium	0.201		0.166	mg/kg dry		0.236			15.9	20
Chromium	0.586		0.497	mg/kg dry		0.466			22.9	20
Lead	0.684		0.0829	mg/kg dry		0.757			10.2	20
Selenium	2.14		0.332	mg/kg dry		2.17			1.36	20
Thallium	0.00298	J	0.0829	mg/kg dry		0.00264			12.2	20
<b>Duplicate (BGE2501-DUP5)</b>			<b>Source: 23E2845-01</b>			Prepared: 5/16/2023 Analyzed: 6/19/2023				
Beryllium	0.00294	J	0.0294	mg/kg dry		0.00221			28.6	20
Silver	0.158		0.0736	mg/kg dry		0.144			9.35	20
<b>Duplicate (BGE2501-DUP6)</b>			<b>Source: 23E2845-11</b>			Prepared: 5/16/2023 Analyzed: 6/19/2023				
Beryllium	0.00680	J	0.0332	mg/kg dry		0.00528			25.1	20
Silver	0.0846	J1	0.0829	mg/kg dry		0.124			37.7	20
<b>Duplicate (BGE2501-DUP7)</b>			<b>Source: 23E2845-11</b>			Prepared: 5/16/2023 Analyzed: 6/21/2023				
Copper	7.22		0.166	mg/kg dry		7.46			3.22	20
<b>Duplicate (BGE2501-DUP8)</b>			<b>Source: 23E2845-11</b>			Prepared: 5/16/2023 Analyzed: 7/6/2023				
Nickel	1.22		0.166	mg/kg dry		1.20			0.989	20
<b>MDL Check (BGE2501-MRL1)</b>			Prepared: 5/16/2023 Analyzed: 6/18/2023							
Antimony	0.0562	J	0.101	mg/kg wet	0.0506				111	
Arsenic	0.00132	J	0.0506	mg/kg wet	0.00506				26.0	
Cadmium	0.00536	J	0.101	mg/kg wet	0.00506				106	
Chromium	0.0235	J	0.304	mg/kg wet	0.0152				155	
Copper	0.0319	J	0.101	mg/kg wet	0.0101				315	
Lead	0.00607	J	0.0506	mg/kg wet	0.00506				120	
Nickel	0.0100	J	0.101	mg/kg wet	0.00506				198	
Selenium	0.0901	J	0.202	mg/kg wet	0.101				89.0	
Thallium	0.00294	J	0.0506	mg/kg wet	0.00253				116	
Zinc	0.271		0.202	mg/kg wet	0.101				267	

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2501 - EPA 200.3 (Continued)**

**MDL Check (BGE2501-MRL2)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Cadmium	0.00567	J	0.101	mg/kg wet	0.00506		112	50-150		
Chromium	0.0256	J	0.304	mg/kg wet	0.0152		169	50-150		
Lead	<0.0506	U	0.0506	mg/kg wet	0.00506			50-150		
Selenium	<0.202	U	0.202	mg/kg wet	0.101			50-150		
Thallium	0.00304	J	0.0506	mg/kg wet	0.00253		120	50-150		

**MDL Check (BGE2501-MRL3)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	0.00101	J	0.0202	mg/kg wet	0.00101		100			
Silver	0.00283	J	0.0506	mg/kg wet	0.00253		112			

**Matrix Spike (BGE2501-MS1)**

Source: 23E2845-01

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	16.5		0.146	mg/kg dry	14.6	0.0174	113	75-125		
Arsenic	24.2		0.365	mg/kg dry	7.30	17.6	89.9	75-125		
Cadmium	15.7		0.146	mg/kg dry	14.6	0.224	106	75-125		
Chromium	44.4		0.438	mg/kg dry	43.8	0.332	101	75-125		
Copper	23.5		0.146	mg/kg dry	14.6	8.43	103	75-125		
Lead	7.87		0.0730	mg/kg dry	7.30	0.561	100	75-125		
Selenium	42.6	J1	0.292	mg/kg dry	29.2	2.14	139	75-125		
Thallium	7.58		0.0730	mg/kg dry	7.30	0.00368	104	75-125		

**Matrix Spike (BGE2501-MS2)**

Source: 23E2845-11

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	19.5		0.165	mg/kg dry	16.5	0.0206	118	75-125		
Arsenic	23.6		0.413	mg/kg dry	8.26	14.7	108	75-125		
Cadmium	18.8		0.165	mg/kg dry	16.5	0.236	112	75-125		
Chromium	55.2		0.495	mg/kg dry	49.5	0.466	110	75-125		
Lead	9.32		0.0826	mg/kg dry	8.26	0.757	104	75-125		
Selenium	48.0	J1	0.330	mg/kg dry	33.0	2.17	139	75-125		
Thallium	8.92		0.0826	mg/kg dry	8.26	0.00264	108	75-125		
Zinc	101	J1	1.65	mg/kg dry	33.0	171	NR	75-125		

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Project Manager: Gregg Pawlak

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2501 - EPA 200.3 (Continued)**

**Matrix Spike (BGE2501-MS3)**

Source: 23E2845-11

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	19.2		0.165	mg/kg dry	16.5	0.0206	116	75-125		
Cadmium	18.9		0.165	mg/kg dry	16.5	0.236	113	75-125		
Chromium	55.5		0.495	mg/kg dry	49.5	0.466	111	75-125		
Selenium	49.8		0.330	mg/kg dry	33.0	2.17	144	75-125		
Thallium	8.84		0.0826	mg/kg dry	8.26	0.00264	107	75-125		

**Matrix Spike (BGE2501-MS4)**

Source: 23E2845-01

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	3.27		0.0292	mg/kg dry	2.92	0.00221	112	75-125		
Silver	5.02	J1	0.0730	mg/kg dry	7.30	0.144	66.8	75-125		

**Matrix Spike (BGE2501-MS5)**

Source: 23E2845-11

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	3.66		0.0330	mg/kg dry	3.30	0.00528	111	75-125		
Silver	4.22	J1	0.0826	mg/kg dry	8.26	0.124	49.6	75-125		

**Matrix Spike (BGE2501-MS7)**

Source: 23E2845-01

Prepared: 5/16/2023 Analyzed: 6/20/2023

Zinc	336	J1	2.92	mg/kg dry	29.2	63.4	934	75-125		
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**Matrix Spike (BGE2501-MS8)**

Source: 23E2845-01

Prepared: 5/16/2023 Analyzed: 6/21/2023

Nickel	16.4		0.146	mg/kg dry	14.6	1.19	104	75-125		
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**Matrix Spike (BGE2501-MS9)**

Source: 23E2845-11

Prepared: 5/16/2023 Analyzed: 6/21/2023

Copper	24.5		0.165	mg/kg dry	16.5	7.46	103	75-125		
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**Matrix Spike (BGE2501-MSB)**

Source: 23E2845-11

Prepared: 5/16/2023 Analyzed: 7/6/2023

Nickel	20.5		0.165	mg/kg dry	16.5	1.20	117	75-125		
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**Batch: BGE2508 - EPA 200.3**

**Blank (BGE2508-BLK1)**

Prepared: 5/16/2023 Analyzed: 6/15/2023

Antimony	<0.0963	U	0.0963	mg/kg wet						
Arsenic	<0.0482	U	0.0482	mg/kg wet						
Beryllium	<0.0193	U	0.0193	mg/kg wet						
Cadmium	<0.0963	U	0.0963	mg/kg wet						
Chromium	0.104	J	0.289	mg/kg wet						
Copper	0.0874	J	0.0963	mg/kg wet						
Lead	<0.0482	U	0.0482	mg/kg wet						
Nickel	0.00780	J	0.0963	mg/kg wet						
Selenium	<0.193	U	0.193	mg/kg wet						
Silver	0.00125	J	0.0482	mg/kg wet						
Thallium	0.00241	J	0.0482	mg/kg wet						

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2508 - EPA 200.3 (Continued)**

**Blank (BGE2508-BLK4)**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Zinc	1.36		0.193	mg/kg wet						
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**LCS (BGE2508-BS1)**

Prepared: 5/16/2023 Analyzed: 6/15/2023

Antimony	10.4		0.0952	mg/kg wet	9.52		109	85-115		
Arsenic	5.31		0.0476	mg/kg wet	4.76		112	85-115		
Beryllium	2.05		0.0190	mg/kg wet	1.90		107	85-115		
Cadmium	10.1		0.0952	mg/kg wet	9.52		106	85-115		
Chromium	30.8		0.286	mg/kg wet	28.6		108	85-115		
Copper	10.5		0.0952	mg/kg wet	9.52		111	85-115		
Lead	5.18		0.0476	mg/kg wet	4.76		109	85-115		
Nickel	10.3		0.0952	mg/kg wet	9.52		109	85-115		
Selenium	20.4		0.190	mg/kg wet	19.0		107	85-115		
Silver	4.45		0.0476	mg/kg wet	4.76		93.5	85-115		
Thallium	5.11		0.0476	mg/kg wet	4.76		107	85-115		

**LCS (BGE2508-BS4)**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Zinc	21.0		0.190	mg/kg wet	19.0		110	85-115		
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**Duplicate (BGE2508-DUP1)**

**Source: 23E2845-20**

Prepared: 5/16/2023 Analyzed: 6/15/2023

Antimony	0.0200	J	0.154	mg/kg dry		0.0220		9.22	20
Arsenic	13.7		0.385	mg/kg dry		16.3		16.8	20
Beryllium	0.00663	J	0.0308	mg/kg dry		0.00727		9.29	20
Cadmium	0.232		0.154	mg/kg dry		0.259		11.0	20
Chromium	2.66		0.462	mg/kg dry		2.76		3.65	20
Copper	7.94	J1	0.154	mg/kg dry		15.1		62.3	20
Lead	0.771	J1	0.0771	mg/kg dry		1.08		33.2	20
Nickel	2.37		0.154	mg/kg dry		2.40		1.20	20
Selenium	1.96		0.308	mg/kg dry		2.09		6.33	20
Silver	0.0993		0.0771	mg/kg dry		0.115		14.5	20
Thallium	0.00601	J	0.0771	mg/kg dry		0.00511		16.3	20

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2508 - EPA 200.3 (Continued)**

**Duplicate (BGE2508-DUP2)**

**Source: 23E2845-30**

Prepared: 5/16/2023 Analyzed: 6/15/2023

Antimony	0.0156	J	0.141	mg/kg dry		0.0158			1.70	20
Arsenic	13.2		0.354	mg/kg dry		13.0			1.52	20
Beryllium	0.00495	J	0.0283	mg/kg dry		0.00841			51.8	20
Cadmium	0.224		0.141	mg/kg dry		0.215			4.11	20
Chromium	1.81		0.424	mg/kg dry		1.79			1.18	20
Copper	7.06		0.141	mg/kg dry		7.30			3.33	20
Lead	0.604		0.0707	mg/kg dry		0.632			4.54	20
Nickel	2.06		0.141	mg/kg dry		1.98			4.07	20
Selenium	2.03		0.283	mg/kg dry		1.96			3.45	20
Silver	0.0791		0.0707	mg/kg dry		0.0793			0.259	20
Thallium	0.00396	J	0.0707	mg/kg dry		0.00385			2.84	20

**Duplicate (BGE2508-DUP5)**

**Source: 23E2845-20**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Zinc	56.9	J1	0.308	mg/kg dry		114			66.6	20
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**Duplicate (BGE2508-DUP6)**

**Source: 23E2845-30**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Zinc	241	J1	1.41	mg/kg dry		77.2			103	20
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**MDL Check (BGE2508-MRL1)**

Prepared: 5/16/2023 Analyzed: 6/15/2023

Antimony	0.0528	J	0.0928	mg/kg wet	0.0464		114			
Arsenic	0.00325	J	0.0464	mg/kg wet	0.00464		70.0			
Beryllium	0.000835	J	0.0186	mg/kg wet	0.000928		90.0			
Cadmium	0.00557	J	0.0928	mg/kg wet	0.00464		120			
Chromium	0.0268	J	0.278	mg/kg wet	0.0139		193			
Copper	0.0280	J	0.0928	mg/kg wet	0.00928		302			
Lead	0.00612	J	0.0464	mg/kg wet	0.00464		132			
Nickel	0.00343	J	0.0928	mg/kg wet	0.00464		74.0			
Selenium	0.0907	J	0.186	mg/kg wet	0.0928		97.8			
Silver	0.00260	J	0.0464	mg/kg wet	0.00232		112			
Thallium	0.00297	J	0.0464	mg/kg wet	0.00232		128			



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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2508 - EPA 200.3 (Continued)**

**MDL Check (BGE2508-MRL4)**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Zinc	0.310		0.186	mg/kg wet	0.0928		334			
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**Matrix Spike (BGE2508-MS1)**

**Source: 23E2845-20**

Prepared: 5/16/2023 Analyzed: 6/15/2023

Antimony	16.3		0.154	mg/kg dry	15.4	0.0220	106	75-125		
Arsenic	22.3		0.385	mg/kg dry	7.71	16.3	78.4	75-125		
Beryllium	3.31		0.0308	mg/kg dry	3.08	0.00727	107	75-125		
Cadmium	16.2		0.154	mg/kg dry	15.4	0.259	103	75-125		
Chromium	49.0		0.462	mg/kg dry	46.2	2.76	99.9	75-125		
Copper	22.8	J1	0.154	mg/kg dry	15.4	15.1	49.5	75-125		
Lead	8.28		0.0771	mg/kg dry	7.71	1.08	93.4	75-125		
Nickel	17.3		0.154	mg/kg dry	15.4	2.40	96.4	75-125		
Selenium	41.5	J1	0.308	mg/kg dry	30.8	2.09	128	75-125		
Silver	2.08	J1	0.0771	mg/kg dry	7.71	0.115	25.4	75-125		
Thallium	7.76		0.0771	mg/kg dry	7.71	0.00511	101	75-125		

**Matrix Spike (BGE2508-MS2)**

**Source: 23E2845-30**

Prepared: 5/16/2023 Analyzed: 6/15/2023

Antimony	14.5		0.143	mg/kg dry	14.3	0.0158	102	75-125		
Cadmium	14.8		0.143	mg/kg dry	14.3	0.215	103	75-125		
Chromium	46.5		0.428	mg/kg dry	42.8	1.79	105	75-125		
Copper	21.6		0.143	mg/kg dry	14.3	7.30	100	75-125		
Lead	7.61		0.0713	mg/kg dry	7.13	0.632	97.9	75-125		
Selenium	38.3	J1	0.285	mg/kg dry	28.5	1.96	127	75-125		
Silver	0.832	J1	0.0713	mg/kg dry	7.13	0.0793	10.6	75-125		
Thallium	7.15		0.0713	mg/kg dry	7.13	0.00385	100	75-125		

**Matrix Spike (BGE2508-MS5)**

**Source: 23E2845-20**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Antimony	17.0		0.154	mg/kg dry	15.4	0.0220	110	75-125		
Zinc	105	J1	3.08	mg/kg dry	30.8	114	NR	75-125		



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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2508 - EPA 200.3 (Continued)**

**Matrix Spike (BGE2508-MS6)**

**Source: 23E2845-30**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Arsenic	21.8		0.713	mg/kg dry	7.13	13.0	125	75-125		
Zinc	220	J1	2.85	mg/kg dry	28.5	77.2	501	75-125		

**Matrix Spike (BGE2508-MS7)**

**Source: 23E2845-30**

Prepared: 5/16/2023 Analyzed: 6/23/2023

Nickel	16.8		0.143	mg/kg dry	14.3	1.98	104	75-125		
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**Matrix Spike (BGE2508-MS8)**

**Source: 23E2845-30**

Prepared: 5/16/2023 Analyzed: 6/23/2023

Beryllium	3.04		0.0285	mg/kg dry	2.85	0.00841	106	75-125		
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**Batch: BGE2509 - EPA 200.3**

**Blank (BGE2509-BLK1)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	<0.0926	U	0.0926	mg/kg wet						
Cadmium	<0.0926	U	0.0926	mg/kg wet						
Chromium	<0.278	U	0.278	mg/kg wet						
Selenium	<0.185	U	0.185	mg/kg wet						
Silver	<0.0463	U	0.0463	mg/kg wet						
Thallium	<0.0463	U	0.0463	mg/kg wet						

**Blank (BGE2509-BLK3)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	<0.0185	U	0.0185	mg/kg wet						
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**Blank (BGE2509-BLK4)**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Arsenic	<0.0463	U	0.0463	mg/kg wet						
Copper	1.77		0.0926	mg/kg wet						
Lead	0.0610		0.0463	mg/kg wet						
Nickel	0.00361	J	0.0926	mg/kg wet						
Zinc	1.05		0.185	mg/kg wet						

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Project Number:  
Project Manager: Gregg Pawlak

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2509 - EPA 200.3 (Continued)**

**LCS (BGE2509-BS1)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	10.1		0.0977	mg/kg wet	9.77		103	85-115		
Cadmium	9.73		0.0977	mg/kg wet	9.77		99.6	85-115		
Chromium	28.9		0.293	mg/kg wet	29.3		98.5	85-115		
Selenium	20.5		0.195	mg/kg wet	19.5		105	85-115		
Silver	3.43	J1	0.0488	mg/kg wet	4.88		70.3	85-115		
Thallium	5.11		0.0488	mg/kg wet	4.88		105	85-115		

**LCS (BGE2509-BS3)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	2.17		0.0195	mg/kg wet	1.95		111	85-115		
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**LCS (BGE2509-BS4)**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Arsenic	5.27		0.0488	mg/kg wet	4.88		108	85-115		
Copper	10.6		0.0977	mg/kg wet	9.77		108	85-115		
Lead	5.19		0.0488	mg/kg wet	4.88		106	85-115		
Nickel	10.2		0.0977	mg/kg wet	9.77		104	85-115		
Zinc	21.1		0.195	mg/kg wet	19.5		108	85-115		

**Duplicate (BGE2509-DUP1)**

Source: 23E2845-39

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	0.0151	J	0.175	mg/kg dry		0.0162		7.54	20
Cadmium	0.181		0.175	mg/kg dry		0.195		7.45	20
Chromium	0.500	J	0.525	mg/kg dry		0.489		2.19	20
Selenium	1.99		0.350	mg/kg dry		1.98		0.564	20
Silver	0.0912		0.0875	mg/kg dry		0.0954		4.56	20
Thallium	0.00350	J	0.0875	mg/kg dry		0.00335		4.33	20

**Duplicate (BGE2509-DUP5)**

Source: 23E2845-39

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	0.00613	J	0.0350	mg/kg dry		0.00653		6.35	20
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Project: PCCA HI TISSUE CHEM  
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Project Manager: Gregg Pawlak

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE2509 - EPA 200.3 (Continued)</b>										
<b>Duplicate (BGE2509-DUP6)</b>			<b>Source: 23E2845-49</b>			Prepared: 5/16/2023 Analyzed: 6/19/2023				
Antimony	<0.179	U	0.179	mg/kg dry		<0.179				20
Beryllium	0.0107	J	0.0358	mg/kg dry		0.0127			17.0	20
Cadmium	0.461		0.179	mg/kg dry		0.491			6.17	20
Chromium	0.394	J	0.537	mg/kg dry		0.396			0.472	20
Selenium	1.65		0.358	mg/kg dry		1.69			2.61	20
Silver	0.157		0.0895	mg/kg dry		0.156			0.283	20
Thallium	0.00430	J	0.0895	mg/kg dry		0.00442			2.89	20
<b>Duplicate (BGE2509-DUP7)</b>										
<b>Duplicate (BGE2509-DUP7)</b>			<b>Source: 23E2845-39</b>			Prepared: 5/16/2023 Analyzed: 6/21/2023				
Arsenic	16.8		0.0875	mg/kg dry		17.2			2.35	20
Copper	8.00		0.175	mg/kg dry		8.80			9.46	20
Lead	0.681		0.0875	mg/kg dry		0.665			2.36	20
Nickel	1.13		0.175	mg/kg dry		1.12			1.01	20
<b>Duplicate (BGE2509-DUP8)</b>										
<b>Duplicate (BGE2509-DUP8)</b>			<b>Source: 23E2845-39</b>			Prepared: 5/16/2023 Analyzed: 6/21/2023				
Zinc	334	J1	1.75	mg/kg dry		209			45.8	20
<b>Duplicate (BGE2509-DUP9)</b>										
<b>Duplicate (BGE2509-DUP9)</b>			<b>Source: 23E2845-49</b>			Prepared: 5/16/2023 Analyzed: 6/21/2023				
Arsenic	12.3		0.0895	mg/kg dry		13.1			6.13	20
Copper	11.4		0.179	mg/kg dry		11.9			3.97	20
Lead	0.339		0.0895	mg/kg dry		0.331			2.47	20
Nickel	3.52		0.179	mg/kg dry		3.64			3.48	20
Zinc	106		1.79	mg/kg dry		112			4.92	20
<b>MDL Check (BGE2509-MRL1)</b>										
<b>MDL Check (BGE2509-MRL1)</b>						Prepared: 5/16/2023 Analyzed: 6/19/2023				
Antimony	0.0521	J	0.0943	mg/kg wet	0.0472			110		
Cadmium	0.00547	J	0.0943	mg/kg wet	0.00472			116		
Chromium	0.0218	J	0.283	mg/kg wet	0.0142			154		
Selenium	0.0967	J	0.189	mg/kg wet	0.0943			102		
Silver	0.00245	J	0.0472	mg/kg wet	0.00236			104		
Thallium	0.00330	J	0.0472	mg/kg wet	0.00236			140		

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2509 - EPA 200.3 (Continued)**

**MDL Check (BGE2509-MRL3)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	0.00179	J	0.0189	mg/kg wet	0.000943		190			
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**MDL Check (BGE2509-MRL4)**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Arsenic	<0.0472	U	0.0472	mg/kg wet	0.00472		50-150			
Copper	0.0273	J	0.0943	mg/kg wet	0.00943	289	50-150			
Lead	<0.0472	U	0.0472	mg/kg wet	0.00472		50-150			
Nickel	0.00679	J	0.0943	mg/kg wet	0.00472	144	50-150			
Zinc	0.233		0.189	mg/kg wet	0.0943	247	50-150			

**Matrix Spike (BGE2509-MS1)**

**Source: 23E2845-39**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	17.4		0.176	mg/kg dry	17.6	0.0162	98.6	75-125		
Cadmium	16.4		0.176	mg/kg dry	17.6	0.195	92.0	75-125		
Chromium	46.3		0.529	mg/kg dry	52.9	0.489	86.6	75-125		
Selenium	41.9		0.353	mg/kg dry	35.3	1.98	113	75-125		
Silver	1.62	J1	0.0882	mg/kg dry	8.82	0.0954	17.3	75-125		
Thallium	7.98		0.0882	mg/kg dry	8.82	0.00335	90.5	75-125		

**Matrix Spike (BGE2509-MS5)**

**Source: 23E2845-39**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	3.42		0.0353	mg/kg dry	3.53	0.00653	96.6	75-125		
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**Matrix Spike (BGE2509-MS6)**

**Source: 23E2845-49**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	17.9		0.895	mg/kg dry	17.9	<0.895	100	75-125		
Beryllium	3.71		0.0358	mg/kg dry	3.58	0.0127	103	75-125		
Cadmium	18.3		0.179	mg/kg dry	17.9	0.491	99.5	75-125		
Chromium	53.7		0.537	mg/kg dry	53.7	0.396	99.3	75-125		
Selenium	47.6	J1	0.358	mg/kg dry	35.8	1.69	128	75-125		
Silver	1.79	J1	0.0895	mg/kg dry	8.95	0.156	18.3	75-125		
Thallium	8.71		0.0895	mg/kg dry	8.95	0.00442	97.3	75-125		

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2509 - EPA 200.3 (Continued)**

**Matrix Spike (BGE2509-MS7)**

**Source: 23E2845-39**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Copper	25.2		0.176	mg/kg dry	17.6	8.80	93.2	75-125		
Lead	8.77		0.0882	mg/kg dry	8.82	0.665	91.9	75-125		
Nickel	17.6		0.176	mg/kg dry	17.6	1.12	93.4	75-125		

**Matrix Spike (BGE2509-MS8)**

**Source: 23E2845-39**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Arsenic	22.8	J1	0.441	mg/kg dry	8.82	17.2	63.0	75-125		
Zinc	94.0	J1	1.76	mg/kg dry	35.3	209	NR	75-125		

**Matrix Spike (BGE2509-MS9)**

**Source: 23E2845-49**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Arsenic	20.3		0.895	mg/kg dry	8.95	13.1	80.1	75-125		
Copper	28.6		0.179	mg/kg dry	17.9	11.9	93.3	75-125		
Lead	8.96		0.0895	mg/kg dry	8.95	0.331	96.4	75-125		
Nickel	21.0		0.179	mg/kg dry	17.9	3.64	96.9	75-125		
Zinc	140		3.58	mg/kg dry	35.8	112	80.8	75-125		

**Batch: BGE2511 - EPA 200.3**

**Blank (BGE2511-BLK1)**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Antimony	<0.102	U	0.102	mg/kg wet						
Beryllium	<0.0203	U	0.0203	mg/kg wet						
Cadmium	<0.102	U	0.102	mg/kg wet						
Chromium	0.00884	J	0.305	mg/kg wet						
Lead	<0.0508	U	0.0508	mg/kg wet						
Selenium	<0.203	U	0.203	mg/kg wet						
Silver	<0.0508	U	0.0508	mg/kg wet						
Thallium	<0.0508	U	0.0508	mg/kg wet						
Zinc	0.112	J	0.203	mg/kg wet						

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2511 - EPA 200.3 (Continued)**

**Blank (BGE2511-BLK2)**

Prepared: 5/16/2023 Analyzed: 6/22/2023

Arsenic	<0.0508	U	0.0508	mg/kg wet						
Copper	0.0332	J	0.102	mg/kg wet						
Nickel	0.00945	J	0.102	mg/kg wet						

**LCS (BGE2511-BS1)**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Antimony	11.0		0.101	mg/kg wet	10.1		109	85-115		
Beryllium	2.18		0.0203	mg/kg wet	2.03		108	85-115		
Cadmium	10.8		0.101	mg/kg wet	10.1		106	85-115		
Chromium	31.5		0.304	mg/kg wet	30.4		104	85-115		
Lead	5.42		0.0507	mg/kg wet	5.07		107	85-115		
Selenium	21.5		0.203	mg/kg wet	20.3		106	85-115		
Silver	3.14	J1	0.0507	mg/kg wet	5.07		62.0	85-115		
Thallium	5.34		0.0507	mg/kg wet	5.07		105	85-115		
Zinc	21.8		0.203	mg/kg wet	20.3		108	85-115		

**LCS (BGE2511-BS2)**

Prepared: 5/16/2023 Analyzed: 6/22/2023

Arsenic	5.58		0.0507	mg/kg wet	5.07		110	85-115		
Copper	11.6		0.101	mg/kg wet	10.1		114	85-115		
Nickel	10.8		0.101	mg/kg wet	10.1		106	85-115		

**Duplicate (BGE2511-DUP1)**

**Source: 23E2845-58**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Antimony	<0.199	U	0.199	mg/kg dry	<0.199					20
Cadmium	0.392		0.199	mg/kg dry	0.412				4.89	20
Chromium	0.263	J	0.596	mg/kg dry	0.326				21.4	20
Lead	0.333		0.0993	mg/kg dry	0.373				11.4	20
Selenium	1.29		0.397	mg/kg dry	1.32				1.75	20
Silver	0.148		0.0993	mg/kg dry	0.150				1.20	20
Thallium	0.00338	J	0.0993	mg/kg dry	0.00397				16.2	20
Zinc	86.8		1.99	mg/kg dry	94.1				8.07	20

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE2511 - EPA 200.3 (Continued)</b>										
<b>Duplicate (BGE2511-DUP2)</b>			<b>Source: 23E2845-68</b>		Prepared: 5/16/2023 Analyzed: 6/20/2023					
Antimony	<0.193	U	0.193	mg/kg dry		<0.193				20
Cadmium	0.476		0.193	mg/kg dry		0.522			9.16	20
Chromium	0.347	J	0.578	mg/kg dry		0.326			6.27	20
Lead	0.410		0.0963	mg/kg dry		0.497			19.3	20
Selenium	1.54		0.385	mg/kg dry		1.61			4.79	20
Silver	0.177	J1	0.0963	mg/kg dry		0.223			22.9	20
Thallium	0.00462	J	0.0963	mg/kg dry		0.00554			18.1	20
Zinc	110		1.93	mg/kg dry		113			2.57	20
<hr/>										
<b>Duplicate (BGE2511-DUP3)</b>			<b>Source: 23E2845-58</b>		Prepared: 5/16/2023 Analyzed: 6/22/2023					
Arsenic	11.0		0.0993	mg/kg dry		11.3			3.06	20
Beryllium	0.0105	J	0.0397	mg/kg dry		0.0143			30.4	20
Copper	11.1		0.199	mg/kg dry		11.9			6.89	20
Nickel	2.86		0.199	mg/kg dry		3.23			12.4	20
<hr/>										
<b>Duplicate (BGE2511-DUP4)</b>			<b>Source: 23E2845-68</b>		Prepared: 5/16/2023 Analyzed: 6/22/2023					
Arsenic	11.3		0.0963	mg/kg dry		11.8			4.33	20
Copper	11.4		0.193	mg/kg dry		12.7			10.6	20
Nickel	3.97		0.193	mg/kg dry		4.13			3.90	20
<hr/>										
<b>Duplicate (BGE2511-DUP6)</b>			<b>Source: 23E2845-68</b>		Prepared: 5/16/2023 Analyzed: 6/23/2023					
Beryllium	0.0108	J	0.0385	mg/kg dry		0.0134			21.4	20
<hr/>										
<b>MDL Check (BGE2511-MRL1)</b>					Prepared: 5/16/2023 Analyzed: 6/20/2023					
Antimony	0.0528	J	0.0988	mg/kg wet	0.0494			107		
Beryllium	0.00188	J	0.0198	mg/kg wet	0.000988			190		
Cadmium	0.00524	J	0.0988	mg/kg wet	0.00494			106		
Chromium	0.0265	J	0.296	mg/kg wet	0.0148			179		
Lead	0.00642	J	0.0494	mg/kg wet	0.00494			130		
Selenium	0.0926	J	0.198	mg/kg wet	0.0988			93.7		
Silver	0.00287	J	0.0494	mg/kg wet	0.00247			116		
Thallium	0.00296	J	0.0494	mg/kg wet	0.00247			120		
Zinc	0.215		0.198	mg/kg wet	0.0988			217		



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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2511 - EPA 200.3 (Continued)**

**MDL Check (BGE2511-MRL2)**

Prepared: 5/16/2023 Analyzed: 6/22/2023

Arsenic	0.00109	J	0.0494	mg/kg wet	0.00494		22.0			
Copper	0.0312	J	0.0988	mg/kg wet	0.00988		316			
Nickel	0.0117	J	0.0988	mg/kg wet	0.00494		236			

**Matrix Spike (BGE2511-MS1)**

**Source: 23E2845-58**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Antimony	19.6		0.199	mg/kg dry	19.9	<0.199	98.5	75-125		
Cadmium	19.4		0.199	mg/kg dry	19.9	0.412	95.7	75-125		
Chromium	57.0		0.596	mg/kg dry	59.6	0.326	95.1	75-125		
Lead	9.78		0.0993	mg/kg dry	9.93	0.373	94.7	75-125		
Selenium	48.9		0.397	mg/kg dry	39.7	1.32	120	75-125		
Silver	1.30	J1	0.0993	mg/kg dry	9.93	0.150	11.6	75-125		
Thallium	9.73		0.0993	mg/kg dry	9.93	0.00397	98.0	75-125		
Zinc	143		1.99	mg/kg dry	39.7	94.1	122	75-125		

**Matrix Spike (BGE2511-MS2)**

**Source: 23E2845-68**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Antimony	21.9		0.193	mg/kg dry	19.3	<0.193	114	75-125		
Cadmium	21.5		0.193	mg/kg dry	19.3	0.522	109	75-125		
Chromium	62.4		0.578	mg/kg dry	57.8	0.326	107	75-125		
Lead	10.4		0.0963	mg/kg dry	9.63	0.497	103	75-125		
Selenium	53.1	J1	0.385	mg/kg dry	38.5	1.61	134	75-125		
Silver	2.36	J1	0.0963	mg/kg dry	9.63	0.223	22.2	75-125		
Thallium	10.2		0.0963	mg/kg dry	9.63	0.00554	106	75-125		
Zinc	159		1.93	mg/kg dry	38.5	113	120	75-125		

**Matrix Spike (BGE2511-MS3)**

**Source: 23E2845-58**

Prepared: 5/16/2023 Analyzed: 6/22/2023

Beryllium	4.20		0.0397	mg/kg dry	3.97	0.0143	106	75-125		
Copper	34.2		0.199	mg/kg dry	19.9	11.9	112	75-125		
Nickel	22.4		0.199	mg/kg dry	19.9	3.23	96.6	75-125		

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2511 - EPA 200.3 (Continued)**

**Matrix Spike (BGE2511-MS4)**

**Source: 23E2845-58**

Prepared: 5/16/2023 Analyzed: 6/22/2023

Arsenic	20.9		0.496	mg/kg dry	9.93	11.3	96.3	75-125		
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**Matrix Spike (BGE2511-MS5)**

**Source: 23E2845-68**

Prepared: 5/16/2023 Analyzed: 6/22/2023

Arsenic	21.7		0.482	mg/kg dry	9.63	11.8	102	75-125		
Copper	32.7		0.193	mg/kg dry	19.3	12.7	104	75-125		
Nickel	23.8		0.193	mg/kg dry	19.3	4.13	102	75-125		

**Matrix Spike (BGE2511-MS7)**

**Source: 23E2845-68**

Prepared: 5/16/2023 Analyzed: 6/23/2023

Beryllium	4.21		0.0385	mg/kg dry	3.85	0.0134	109	75-125		
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**Batch: BGE2512 - EPA 200.3**

**Blank (BGE2512-BLK1)**

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	<0.0990	U	0.0990	mg/kg wet						
Arsenic	<0.0495	U	0.0495	mg/kg wet						
Cadmium	<0.0990	U	0.0990	mg/kg wet						
Chromium	0.00861	J	0.297	mg/kg wet						
Lead	<0.0495	U	0.0495	mg/kg wet						
Selenium	<0.198	U	0.198	mg/kg wet						
Thallium	<0.0495	U	0.0495	mg/kg wet						
Zinc	0.0948	J	0.198	mg/kg wet						

**Blank (BGE2512-BLK2)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	<0.0990	U	0.0990	mg/kg wet						
Cadmium	<0.0990	U	0.0990	mg/kg wet						
Chromium	0.0105	J	0.297	mg/kg wet						
Lead	<0.0495	U	0.0495	mg/kg wet						
Selenium	<0.198	U	0.198	mg/kg wet						
Thallium	<0.0495	U	0.0495	mg/kg wet						

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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2512 - EPA 200.3 (Continued)**

**Blank (BGE2512-BLK3)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	<0.0198	U	0.0198	mg/kg wet						
Chromium	0.0105	J	0.297	mg/kg wet						
Silver	<0.0495	U	0.0495	mg/kg wet						

**Blank (BGE2512-BLK4)**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Copper	0.0221	J	0.0990	mg/kg wet						
Nickel	0.0105	J	0.0990	mg/kg wet						

**LCS (BGE2512-BS1)**

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	11.3		0.102	mg/kg wet	10.2		111	85-115		
Arsenic	5.27		0.0508	mg/kg wet	5.08		104	85-115		
Cadmium	10.7		0.102	mg/kg wet	10.2		105	85-115		
Chromium	31.6		0.305	mg/kg wet	30.5		104	85-115		
Lead	5.30		0.0508	mg/kg wet	5.08		104	85-115		
Selenium	20.9		0.203	mg/kg wet	20.3		103	85-115		
Thallium	5.32		0.0508	mg/kg wet	5.08		105	85-115		
Zinc	21.4		0.203	mg/kg wet	20.3		105	85-115		

**LCS (BGE2512-BS2)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	11.3		0.102	mg/kg wet	10.2		111	85-115		
Cadmium	10.8		0.102	mg/kg wet	10.2		106	85-115		
Chromium	32.5		0.305	mg/kg wet	30.5		107	85-115		
Selenium	22.1		0.203	mg/kg wet	20.3		109	85-115		
Thallium	5.54		0.0508	mg/kg wet	5.08		109	85-115		

**LCS (BGE2512-BS3)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	2.11		0.0203	mg/kg wet	2.03		104	85-115		
Silver	3.88	J1	0.0508	mg/kg wet	5.08		76.3	85-115		

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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2512 - EPA 200.3 (Continued)**

**LCS (BGE2512-BS4)**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Copper	10.7		0.102	mg/kg wet	10.2		105	85-115		
Nickel	10.6		0.102	mg/kg wet	10.2		104	85-115		

**Duplicate (BGE2512-DUP1)**

**Source: 23E2845-77**

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	<0.164	U	0.164	mg/kg dry		<0.164				20
Arsenic	12.7		0.0820	mg/kg dry		12.2			3.39	20
Cadmium	0.446		0.164	mg/kg dry		0.452			1.42	20
Chromium	0.420	J	0.492	mg/kg dry		0.418			0.440	20
Lead	0.387		0.0820	mg/kg dry		0.424			9.24	20
Selenium	1.53		0.328	mg/kg dry		1.52			0.551	20
Thallium	0.00361	J	0.0820	mg/kg dry		0.00424			16.3	20
Zinc	94.6		1.64	mg/kg dry		99.0			4.54	20

**Duplicate (BGE2512-DUP2)**

**Source: 23E2845-77**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	<0.164	U	0.164	mg/kg dry		<0.164				20
Cadmium	0.433		0.164	mg/kg dry		0.452			4.33	20
Chromium	0.422	J	0.492	mg/kg dry		0.418			1.02	20
Lead	0.388		0.0820	mg/kg dry		0.424			8.90	20
Selenium	1.60		0.328	mg/kg dry		1.52			5.02	20
Thallium	0.00361	J	0.0820	mg/kg dry		0.00424			16.3	20

**Duplicate (BGE2512-DUP3)**

**Source: 23E2845-77**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	0.0157	J	0.0328	mg/kg dry		0.0136			14.9	20
Silver	0.158		0.0820	mg/kg dry		0.146			8.05	20

**Duplicate (BGE2512-DUP4)**

**Source: 23E2845-77**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Copper	12.2		0.164	mg/kg dry		12.1			1.15	20
Nickel	2.94		0.164	mg/kg dry		2.88			2.13	20

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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2512 - EPA 200.3 (Continued)**

**MDL Check (BGE2512-MRL1)**

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	0.0547	J	0.101	mg/kg wet	0.0505			108		
Arsenic	0.00111	J	0.0505	mg/kg wet	0.00505			22.0		
Cadmium	0.00586	J	0.101	mg/kg wet	0.00505			116		
Chromium	0.0325	J	0.303	mg/kg wet	0.0152			215		
Lead	0.00667	J	0.0505	mg/kg wet	0.00505			132		
Selenium	0.103	J	0.202	mg/kg wet	0.101			102		
Thallium	0.00313	J	0.0505	mg/kg wet	0.00253			124		
Zinc	0.188	J	0.202	mg/kg wet	0.101			186		

**MDL Check (BGE2512-MRL2)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	0.0564	J	0.101	mg/kg wet	0.0505			112	50-150	
Cadmium	0.00576	J	0.101	mg/kg wet	0.00505			114	50-150	
Chromium	0.0344	J	0.303	mg/kg wet	0.0152			227	50-150	
Lead	<0.0505	U	0.0505	mg/kg wet	0.00505				50-150	
Selenium	<0.202	U	0.202	mg/kg wet	0.101				50-150	
Thallium	0.00313	J	0.0505	mg/kg wet	0.00253			124	50-150	

**MDL Check (BGE2512-MRL3)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	0.00101	J	0.0202	mg/kg wet	0.00101			100		
Silver	0.00263	J	0.0505	mg/kg wet	0.00253			104		

**MDL Check (BGE2512-MRL4)**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Copper	0.0302	J	0.101	mg/kg wet	0.0101			299		
Nickel	0.0153	J	0.101	mg/kg wet	0.00505			302		

**Matrix Spike (BGE2512-MS1)**

**Source: 23E2845-77**

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	18.9		0.163	mg/kg dry	16.3	<0.163		116	75-125	
Arsenic	18.6		0.407	mg/kg dry	8.13	12.2		78.4	75-125	
Cadmium	18.4		0.163	mg/kg dry	16.3	0.452		110	75-125	
Chromium	52.4		0.488	mg/kg dry	48.8	0.418		107	75-125	
Lead	8.58		0.0813	mg/kg dry	8.13	0.424		100	75-125	
Selenium	45.6	J1	0.325	mg/kg dry	32.5	1.52		136	75-125	
Thallium	8.47		0.0813	mg/kg dry	8.13	0.00424		104	75-125	
Zinc	132		1.63	mg/kg dry	32.5	99.0		103	75-125	

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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2512 - EPA 200.3 (Continued)**

<b>Matrix Spike (BGE2512-MS2)</b>		<b>Source: 23E2845-77</b>		Prepared: 5/16/2023		Analyzed: 6/19/2023		
Antimony	18.4		0.163	mg/kg dry	16.3	<0.163	113	75-125
Cadmium	18.1		0.163	mg/kg dry	16.3	0.452	108	75-125
Chromium	50.5		0.488	mg/kg dry	48.8	0.418	103	75-125
Selenium	47.0		0.325	mg/kg dry	32.5	1.52	140	75-125
Thallium	8.74		0.0813	mg/kg dry	8.13	0.00424	107	75-125

<b>Matrix Spike (BGE2512-MS3)</b>		<b>Source: 23E2845-77</b>		Prepared: 5/16/2023		Analyzed: 6/19/2023		
Beryllium	3.59		0.0325	mg/kg dry	3.25	0.0136	110	75-125
Silver	3.38	J1	0.0813	mg/kg dry	8.13	0.146	39.8	75-125

<b>Matrix Spike (BGE2512-MS4)</b>		<b>Source: 23E2845-77</b>		Prepared: 5/16/2023		Analyzed: 6/21/2023		
Copper	29.2		0.163	mg/kg dry	16.3	12.1	106	75-125
Nickel	20.1		0.163	mg/kg dry	16.3	2.88	106	75-125

**Batch: BGE3529 - SW-7471**

<b>MDL Check (BGE3529-MRL1)</b>				Prepared & Analyzed: 6/12/2023		
Mercury	0.0116	J	0.0196	mg/kg wet	0.00979	119

<b>Matrix Spike (BGE3529-MS1)</b>		<b>Source: 23E2845-08</b>		Prepared & Analyzed: 6/12/2023				
Mercury	0.768		0.0641	mg/kg dry	0.801	<0.0641	95.8	80-120

<b>Matrix Spike (BGE3529-MS2)</b>		<b>Source: 23E2845-16</b>		Prepared & Analyzed: 6/12/2023				
Mercury	0.728		0.0632	mg/kg dry	0.790	0.0324	88.1	80-120

<b>Matrix Spike Dup (BGE3529-MSD1)</b>		<b>Source: 23E2845-08</b>		Prepared & Analyzed: 6/12/2023						
Mercury	0.800		0.0651	mg/kg dry	0.814	<0.0651	98.3	80-120	4.15	20

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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE3529 - SW-7471 (Continued)</b>										
<b>Matrix Spike Dup (BGE3529-MSD2) Source: 23E2845-16</b> Prepared & Analyzed: 6/12/2023										
Mercury	0.768		0.0658	mg/kg dry	0.822	<0.0658	93.4	80-120	5.27	20
<b>Batch: BGE3650 - SW-7471</b>										
<b>MDL Check (BGE3650-MRL1)</b> Prepared & Analyzed: 6/12/2023										
Mercury	0.0120	J	0.0195	mg/kg wet	0.00976		122			
<b>Matrix Spike (BGE3650-MS1) Source: 23E2845-27</b> Prepared & Analyzed: 6/12/2023										
Mercury	0.750		0.0641	mg/kg dry	0.802	<0.0641	93.5	80-120		
<b>Matrix Spike (BGE3650-MS2) Source: 23E2845-40</b> Prepared & Analyzed: 6/12/2023										
Mercury	0.934		0.0754	mg/kg dry	0.943	0.0404	94.8	80-120		
<b>Matrix Spike Dup (BGE3650-MSD1) Source: 23E2845-27</b> Prepared & Analyzed: 6/12/2023										
Mercury	0.786		0.0627	mg/kg dry	0.783	0.0320	96.2	80-120	4.67	20
<b>Matrix Spike Dup (BGE3650-MSD2) Source: 23E2845-40</b> Prepared & Analyzed: 6/12/2023										
Mercury	0.960		0.0767	mg/kg dry	0.958	0.0404	95.9	80-120	2.67	20
<b>Batch: BGE3651 - SW-7471</b>										
<b>MDL Check (BGE3651-MRL1)</b> Prepared: 5/23/2023 Analyzed: 6/23/2023										
Mercury	0.0112	J	0.0198	mg/kg wet	0.00988		113			
<b>Matrix Spike (BGE3651-MS1) Source: 23E2845-46</b> Prepared: 5/23/2023 Analyzed: 6/23/2023										
Mercury	1.11		0.0906	mg/kg dry	1.13	<0.0906	98.3	80-120		

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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE3651 - SW-7471 (Continued)</b>										
<b>Matrix Spike (BGE3651-MS2) Source: 23E2845-58 Prepared: 5/23/2023 Analyzed: 6/23/2023</b>										
Mercury	1.11		0.0931	mg/kg dry	1.16	<0.0931	95.7	80-120		
<b>Matrix Spike Dup (BGE3651-MSD1) Source: 23E2845-46 Prepared: 5/23/2023 Analyzed: 6/23/2023</b>										
Mercury	1.11		0.0914	mg/kg dry	1.14	<0.0914	97.5	80-120	0.0611	20
<b>Matrix Spike Dup (BGE3651-MSD2) Source: 23E2845-58 Prepared: 5/23/2023 Analyzed: 6/23/2023</b>										
Mercury	1.16		0.0961	mg/kg dry	1.20	<0.0961	96.3	80-120	3.76	20
<b>Batch: BGE3653 - SW-7471</b>										
<b>MDL Check (BGE3653-MRL1) Prepared: 5/23/2023 Analyzed: 6/23/2023</b>										
Mercury	0.0112	J	0.0191	mg/kg wet	0.00957		117			
<b>Matrix Spike (BGE3653-MS1) Source: 23E2845-65 Prepared: 5/23/2023 Analyzed: 6/23/2023</b>										
Mercury	0.986		0.0848	mg/kg dry	1.06	<0.0848	93.0	80-120		
<b>Matrix Spike (BGE3653-MS2) Source: 23E2845-75 Prepared: 5/23/2023 Analyzed: 6/23/2023</b>										
Mercury	1.06		0.0899	mg/kg dry	1.12	<0.0899	94.4	80-120		
<b>Matrix Spike Dup (BGE3653-MSD1) Source: 23E2845-65 Prepared: 5/23/2023 Analyzed: 6/23/2023</b>										
Mercury	1.04		0.0855	mg/kg dry	1.07	<0.0855	97.4	80-120	5.39	20
<b>Matrix Spike Dup (BGE3653-MSD2) Source: 23E2845-75 Prepared: 5/23/2023 Analyzed: 6/23/2023</b>										
Mercury	1.03		0.0913	mg/kg dry	1.14	<0.0913	90.5	80-120	2.66	20
<b>Batch: SGF0237 - BGE2508</b>										
<b>Interference Check A (SGF0237-IFA1) Prepared &amp; Analyzed: 6/15/2023</b>										
Antimony	0.165			ug/L				70-130		
Arsenic	0.126			ug/L				70-130		
Beryllium	0.0170			ug/L				70-130		
Cadmium	0.399			ug/L				70-130		
Chromium	3.28			ug/L				70-130		
Copper	0.352			ug/L				70-130		
Lead	0.0770			ug/L				70-130		
Nickel	0.477			ug/L				70-130		
Selenium	0.104			ug/L				70-130		
Silver	0.0140			ug/L				70-130		
Thallium	0.0120			ug/L				70-130		





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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0237 - BGE2508 (Continued)**

**Interference Check B (SGF0237-IFB1)**

Prepared & Analyzed: 6/15/2023

Antimony	106			ug/L	100		106	70-130		
Arsenic	54.0			ug/L	50.0		108	70-130		
Beryllium	18.9			ug/L	20.0		94.3	70-130		
Cadmium	102			ug/L	100		102	70-130		
Chromium	289			ug/L	300		96.5	70-130		
Copper	95.4			ug/L	100		95.4	70-130		
Lead	49.2			ug/L	50.0		98.4	70-130		
Nickel	94.3			ug/L	100		94.3	70-130		
Selenium	214			ug/L	200		107	70-130		
Silver	46.2			ug/L	50.0		92.5	70-130		
Thallium	49.4			ug/L	50.0		98.9	70-130		

**Batch: SGF0246 - BGE2506**

**Interference Check A (SGF0246-IFA1)**

Prepared & Analyzed: 6/15/2023

Antimony	0.143			ug/L				70-130		
Arsenic	0.0830			ug/L				70-130		
Beryllium	0.0220			ug/L				70-130		
Cadmium	0.366			ug/L				70-130		
Chromium	3.22			ug/L				70-130		
Copper	0.308			ug/L				70-130		
Lead	0.0720			ug/L				70-130		
Nickel	0.499			ug/L				70-130		
Selenium	0.00 U			ug/L				70-130		
Silver	0.0100			ug/L				70-130		
Thallium	0.00900			ug/L				70-130		

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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0246 - BGE2506 (Continued)**

**Interference Check B (SGF0246-IFB1)**

Prepared & Analyzed: 6/15/2023

Antimony	100			ug/L	100		100	70-130		
Arsenic	52.1			ug/L	50.0		104	70-130		
Beryllium	19.1			ug/L	20.0		95.6	70-130		
Cadmium	98.4			ug/L	100		98.4	70-130		
Chromium	296			ug/L	300		98.7	70-130		
Copper	89.8			ug/L	100		89.8	70-130		
Lead	46.8			ug/L	50.0		93.5	70-130		
Nickel	92.3			ug/L	100		92.3	70-130		
Selenium	208			ug/L	200		104	70-130		
Silver	45.8			ug/L	50.0		91.6	70-130		
Thallium	47.8			ug/L	50.0		95.7	70-130		

**Batch: SGF0259 - BGE2512**

**Interference Check A (SGF0259-IFA1)**

Prepared: 6/16/2023 Analyzed: 6/18/2023

Antimony	0.152			ug/L				70-130		
Arsenic	0.112			ug/L				70-130		
Cadmium	0.364			ug/L				70-130		
Chromium	3.45			ug/L				70-130		
Copper	0.235			ug/L				70-130		
Lead	0.0730			ug/L				70-130		
Nickel	0.628			ug/L				70-130		
Selenium	0.183			ug/L				70-130		
Thallium	0.0100			ug/L				70-130		
Zinc	0.949			ug/L				70-130		

**Interference Check B (SGF0259-IFB1)**

Prepared: 6/16/2023 Analyzed: 6/18/2023

Antimony	105			ug/L	100		105	70-130		
Arsenic	53.2			ug/L	50.0		106	70-130		
Cadmium	99.2			ug/L	100		99.2	70-130		
Chromium	296			ug/L	300		98.6	70-130		
Copper	98.7			ug/L	100		98.7	70-130		
Lead	47.7			ug/L	50.0		95.5	70-130		
Nickel	95.7			ug/L	100		95.7	70-130		
Selenium	214			ug/L	200		107	70-130		
Thallium	47.9			ug/L	50.0		95.8	70-130		
Zinc	194			ug/L	200		96.9	70-130		



Terracon\_Houston  
 11555 Clay Road  
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Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/07/2023 09:34

**Quality Control**  
 (Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0283 - BGE2509**

**Interference Check A (SGF0283-IFA1)**

Prepared & Analyzed: 6/19/2023

Antimony	0.137			ug/L				70-130		
Cadmium	0.362			ug/L				70-130		
Chromium	3.11			ug/L				70-130		
Selenium	0.0420			ug/L				70-130		
Silver	0.00700			ug/L				70-130		
Thallium	0.00600			ug/L				70-130		

**Interference Check B (SGF0283-IFB1)**

Prepared & Analyzed: 6/19/2023

Antimony	100			ug/L	100		100	70-130		
Cadmium	96.2			ug/L	100		96.2	70-130		
Chromium	279			ug/L	300		93.1	70-130		
Selenium	209			ug/L	200		104	70-130		
Silver	45.6			ug/L	50.0		91.2	70-130		
Thallium	47.0			ug/L	50.0		94.1	70-130		

**Batch: SGF0290 - BGE2509**

**Interference Check A (SGF0290-IFA1)**

Prepared & Analyzed: 6/19/2023

Antimony	0.140			ug/L				70-130		
Beryllium	0.00800			ug/L				70-130		
Cadmium	0.413			ug/L				70-130		
Chromium	3.29			ug/L				70-130		
Selenium	0.139			ug/L				70-130		
Silver	0.00800			ug/L				70-130		
Thallium	0.00700			ug/L				70-130		

**Interference Check B (SGF0290-IFB1)**

Prepared & Analyzed: 6/19/2023

Antimony	103			ug/L	100		103	70-130		
Beryllium	19.3			ug/L	20.0		96.7	70-130		
Cadmium	99.8			ug/L	100		99.8	70-130		
Chromium	294			ug/L	300		97.9	70-130		
Selenium	214			ug/L	200		107	70-130		
Silver	47.0			ug/L	50.0		94.0	70-130		
Thallium	49.6			ug/L	50.0		99.2	70-130		



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Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
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**Quality Control**  
**(Continued)**

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0298 - BGE2511**

**Interference Check A (SGF0298-IFA1)**

Prepared & Analyzed: 6/20/2023

Antimony	0.145			ug/L				70-130		
Arsenic	0.0960			ug/L				70-130		
Beryllium	0.00700			ug/L				70-130		
Cadmium	0.393			ug/L				70-130		
Chromium	3.25			ug/L				70-130		
Lead	0.0660			ug/L				70-130		
Selenium	0.0100			ug/L				70-130		
Silver	0.00800			ug/L				70-130		
Thallium	0.00500			ug/L				70-130		
Zinc	0.995			ug/L				70-130		

**Interference Check B (SGF0298-IFB1)**

Prepared & Analyzed: 6/20/2023

Antimony	102			ug/L	100		102	70-130		
Arsenic	50.7			ug/L	50.0		101	70-130		
Beryllium	17.4			ug/L	20.0		86.9	70-130		
Cadmium	97.8			ug/L	100		97.8	70-130		
Chromium	294			ug/L	300		98.0	70-130		
Lead	46.3			ug/L	50.0		92.6	70-130		
Selenium	207			ug/L	200		103	70-130		
Silver	46.4			ug/L	50.0		92.8	70-130		
Thallium	47.6			ug/L	50.0		95.2	70-130		
Zinc	188			ug/L	200		93.8	70-130		

**Batch: SGF0324 - BGE2509**

**Interference Check A (SGF0324-IFA1)**

Prepared & Analyzed: 6/21/2023

Arsenic	0.117			ug/L				70-130		
Copper	0.185			ug/L				70-130		
Lead	0.0630			ug/L				70-130		
Nickel	0.473			ug/L				70-130		
Zinc	1.59			ug/L				70-130		

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11555 Clay Road  
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**Reported:**  
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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0324 - BGE2509 (Continued)**

**Interference Check B (SGF0324-IFB1)**

Prepared & Analyzed: 6/21/2023

Arsenic	50.1			ug/L	50.0		100	70-130		
Copper	90.1			ug/L	100		90.1	70-130		
Lead	43.2			ug/L	50.0		86.4	70-130		
Nickel	90.2			ug/L	100		90.2	70-130		
Zinc	187			ug/L	200		93.7	70-130		

**Batch: SGF0327 - BGE2509**

**Interference Check A (SGF0327-IFA1)**

Prepared & Analyzed: 6/21/2023

Arsenic	0.110			ug/L				70-130		
Copper	0.223			ug/L				70-130		
Lead	0.0650			ug/L				70-130		
Nickel	0.531			ug/L				70-130		
Zinc	1.60			ug/L				70-130		

**Interference Check B (SGF0327-IFB1)**

Prepared & Analyzed: 6/21/2023

Arsenic	50.2			ug/L	50.0		100	70-130		
Copper	91.0			ug/L	100		91.0	70-130		
Lead	46.2			ug/L	50.0		92.4	70-130		
Nickel	91.7			ug/L	100		91.7	70-130		
Zinc	191			ug/L	200		95.4	70-130		

**Batch: SGF0340 - BGE2511**

**Interference Check A (SGF0340-IFA1)**

Prepared & Analyzed: 6/22/2023

Arsenic	0.112			ug/L				70-130		
Beryllium	0.0150			ug/L				70-130		
Copper	0.734			ug/L				70-130		
Nickel	0.603			ug/L				70-130		



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0340 - BGE2511 (Continued)**

**Interference Check B (SGF0340-IFB1)**

Prepared & Analyzed: 6/22/2023

Arsenic	53.8			ug/L	50.0		108	70-130		
Beryllium	20.4			ug/L	20.0		102	70-130		
Copper	98.4			ug/L	100		98.4	70-130		
Nickel	96.2			ug/L	100		96.2	70-130		

**Batch: SGF0351 - BGE2511**

**Interference Check A (SGF0351-IFA1)**

Prepared & Analyzed: 6/22/2023

Arsenic	0.0960			ug/L				70-130		
Copper	0.673			ug/L				70-130		
Nickel	0.550			ug/L				70-130		

**Interference Check B (SGF0351-IFB1)**

Prepared & Analyzed: 6/22/2023

Arsenic	51.9			ug/L	50.0		104	70-130		
Copper	95.3			ug/L	100		95.3	70-130		
Nickel	92.1			ug/L	100		92.1	70-130		

**Batch: SGF0362 - BGE2511**

**Interference Check A (SGF0362-IFA1)**

Prepared & Analyzed: 6/23/2023

Beryllium	0.00900			ug/L				70-130		
Nickel	0.578			ug/L				70-130		

**Interference Check B (SGF0362-IFB1)**

Prepared & Analyzed: 6/23/2023

Beryllium	17.6			ug/L	20.0		88.1	70-130		
Nickel	93.2			ug/L	100		93.2	70-130		



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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: SGF0368 - BGE2511</b>										
<b>Interference Check A (SGF0368-IFA1)</b>										
Beryllium	0.00300			ug/L				70-130		
					Prepared & Analyzed: 6/23/2023					
<b>Interference Check B (SGF0368-IFB1)</b>										
Beryllium	17.6			ug/L	20.0		88.2	70-130		
					Prepared & Analyzed: 6/23/2023					
<b>Batch: SGF0370 - BGF1911</b>										
<b>Interference Check A (SGF0370-IFA1)</b>										
Beryllium	0.00100			ug/L				70-130		
Zinc	1.46			ug/L				70-130		
					Prepared & Analyzed: 6/23/2023					
<b>Interference Check B (SGF0370-IFB1)</b>										
Beryllium	17.7			ug/L	20.0		88.7	70-130		
Zinc	194			ug/L	200		97.1	70-130		
					Prepared & Analyzed: 6/23/2023					
<b>Batch: SGF0379 - BGF1911</b>										
<b>Interference Check A (SGF0379-IFA1)</b>										
Beryllium	0.00400			ug/L				70-130		
					Prepared & Analyzed: 6/23/2023					
<b>Interference Check B (SGF0379-IFB1)</b>										
Beryllium	17.7			ug/L	20.0		88.7	70-130		
					Prepared & Analyzed: 6/23/2023					
<b>Batch: SGG0054 - BGE2501</b>										
<b>Interference Check A (SGG0054-IFA1)</b>										
Beryllium	0.00300			ug/L				70-130		
Nickel	0.522			ug/L				70-130		
					Prepared & Analyzed: 7/6/2023					



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:34
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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGG0054 - BGE2501 (Continued)**

**Interference Check B (SGG0054-IFB1)**

Prepared & Analyzed: 7/6/2023

Beryllium	17.5			ug/L	20.0		87.3	70-130		
Nickel	84.0			ug/L	100		84.0	70-130		





Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/07/2023 09:34

### Sample Condition Checklist

**Work Order: 23E2845**

**Check Points**

- No Custody Seals
- Yes Containers Intact
- Yes COC/Labels Agree
- Yes Received On Ice
- Yes Appropriate Containers
- Yes Appropriate Sample Volume
- No Coolers Intact
- Yes Samples Accepted

Terracon\_Houston  
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Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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## Term and Qualifier Definitions

Item	Definition
B	Analyte was found in the associated method blank.
J	Estimated value - The reported value is between the detection limit and reporting limit.
J1	Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.
U	Non-detected compound.
V	Analyte was detected in both sample and method blank.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated
*	A = Accredited, N = Not Accredited or Accreditation not available
DF	Dilution Factor - the factor applied to the reported data due to sample preparation, dilution, or moisture content
MDL	Method Detection Limit - The minimum concentration of a substance (or analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. Based on standard deviation of replicate spiked samples take through all steps of the analytical procedure following 40 CFR Part 136 Appendix B.
SDL	Sample Detection Limit - The minimum concentration of a substance (analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The SDL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MDL = SDL.
MRL	Method Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The MRL is at or above the lowest calibration standard.
LRL	Laboratory Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The LRL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MRL = LRL.



July 05, 2023

## LAB REPORT

Gregg Pawlak  
Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Report ID: 20230705133126MM

RE: PCCA HI TISSUE CHEM

The following test results meet all NELAP requirements for analytes for which certification is available. Any deviations from our quality system will be noted in the case narrative. All analyses performed by North Water District Laboratory Services, Inc. unless noted.

For questions regarding this report, contact Monica Martin at 936-321-6060.

Sincerely,

Monica O. Martin  
Chief Administrative Officer

Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/05/2023 13:31

## Work Order Case Narrative

A total of 80 samples were collected on:

<u>Laboratory ID</u>	<u>Sample Name</u>	<u>Sample Date</u>
23E2845-01	MM-HI-DMMU 1-1	04/01/2023 11:00
23E2845-02	MM-HI-DMMU 1-2	04/01/2023 11:00
23E2845-03	MM-HI-DMMU 1-3	04/01/2023 11:00
23E2845-04	MM-HI-DMMU 1-4	04/01/2023 11:00
23E2845-05	MM-HI-DMMU 1-5	04/01/2023 11:00
23E2845-06	MM-HI-DMMU 2-1	04/01/2023 11:00
23E2845-07	MM-HI-DMMU 2-2	04/01/2023 11:00
23E2845-08	MM-HI-DMMU 2-3	04/01/2023 11:00
23E2845-09	MM-HI-DMMU 2-4	04/01/2023 11:00
23E2845-10	MM-HI-DMMU 2-5	04/01/2023 11:00
23E2845-11	MM-HI-DMMU 3-1	04/01/2023 11:00
23E2845-12	MM-HI-DMMU 3-2	04/01/2023 11:00
23E2845-13	MM-HI-DMMU 3-3	04/01/2023 11:00
23E2845-14	MM-HI-DMMU 3-4	04/01/2023 11:00
23E2845-15	MM-HI-DMMU 3-5	04/01/2023 11:00
23E2845-16	MM-HI-DMMU 4-1	04/01/2023 11:00
23E2845-17	MM-HI-DMMU 4-2	04/01/2023 11:00
23E2845-18	MM-HI-DMMU 4-3	04/01/2023 11:00
23E2845-19	MM-HI-DMMU 4-4	04/01/2023 11:00
23E2845-20	MM-HI-DMMU 4-5	04/01/2023 11:00
23E2845-21	MM-HI-DMMU 5-1	04/01/2023 11:00
23E2845-22	MM-HI-DMMU 5-2	04/01/2023 11:00
23E2845-23	MM-HI-DMMU 5-3	04/01/2023 11:00
23E2845-24	MM-HI-DMMU 5-4	04/01/2023 11:00
23E2845-25	MM-HI-DMMU 5-5	04/01/2023 11:00
23E2845-26	MM-HI-DMMU 6-1	04/01/2023 11:00
23E2845-27	MM-HI-DMMU 6-2	04/01/2023 11:00
23E2845-28	MM-HI-DMMU 6-3	04/01/2023 11:00
23E2845-29	MM-HI-DMMU 6-4	04/01/2023 11:00
23E2845-30	MM-HI-DMMU 6-5	04/01/2023 11:00
23E2845-31	MM-HI-DMMU 7-1	04/01/2023 11:00
23E2845-32	MM-HI-DMMU 7-2	04/01/2023 11:00
23E2845-33	MM-HI-DMMU 7-3	04/01/2023 11:00
23E2845-34	MM-HI-DMMU 7-4	04/01/2023 11:00
23E2845-35	MM-HI-DMMU 7-5	04/01/2023 11:00
23E2845-36	MM-HI-DMMU 8-1	04/01/2023 11:00
23E2845-37	MM-HI-DMMU 8-2	04/01/2023 11:00
23E2845-38	MM-HI-DMMU 8-3	04/01/2023 11:00
23E2845-39	MM-HI-DMMU 8-4	04/01/2023 11:00
23E2845-40	MM-HI-DMMU 8-5	04/01/2023 11:00
23E2845-41	NV-HI-DMMU 1-1	04/01/2023 13:00
23E2845-42	NV-HI-DMMU 1-2	04/01/2023 13:00
23E2845-43	NV-HI-DMMU 1-3	04/01/2023 13:00
23E2845-44	NV-HI-DMMU 1-4	04/01/2023 13:00
23E2845-45	NV-HI-DMMU 1-5	04/01/2023 13:00
23E2845-46	NV-HI-DMMU 2-1	04/01/2023 13:00

Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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23E2845-47	NV-HI-DMMU 2-2	04/01/2023 13:00
23E2845-48	NV-HI-DMMU 2-3	04/01/2023 13:00
23E2845-49	NV-HI-DMMU 2-4	04/01/2023 13:00
23E2845-50	NV-HI-DMMU 2-5	04/01/2023 13:00
23E2845-51	NV-HI-DMMU 3-1	04/01/2023 13:00
23E2845-52	NV-HI-DMMU 3-2	04/01/2023 13:00
23E2845-53	NV-HI-DMMU 3-3	04/01/2023 13:00
23E2845-54	NV-HI-DMMU 3-4	04/01/2023 13:00
23E2845-55	NV-HI-DMMU 3-5	04/01/2023 13:00
23E2845-56	NV-HI-DMMU 4-1	04/01/2023 13:00
23E2845-57	NV-HI-DMMU 4-2	04/01/2023 13:00
23E2845-58	NV-HI-DMMU 4-3	04/01/2023 13:00
23E2845-59	NV-HI-DMMU 4-4	04/01/2023 13:00
23E2845-60	NV-HI-DMMU 4-5	04/01/2023 13:00
23E2845-61	NV-HI-DMMU 5-1	04/01/2023 13:00
23E2845-62	NV-HI-DMMU 5-2	04/01/2023 13:00
23E2845-63	NV-HI-DMMU 5-3	04/01/2023 13:00
23E2845-64	NV-HI-DMMU 5-4	04/01/2023 13:00
23E2845-65	NV-HI-DMMU 5-5	04/01/2023 13:00
23E2845-66	NV-HI-DMMU 6-1	04/01/2023 13:00
23E2845-67	NV-HI-DMMU 6-2	04/01/2023 13:00
23E2845-68	NV-HI-DMMU 6-3	04/01/2023 13:00
23E2845-69	NV-HI-DMMU 6-4	04/01/2023 13:00
23E2845-70	NV-HI-DMMU 6-5	04/01/2023 13:00
23E2845-71	NV-HI-DMMU 7-1	04/01/2023 13:00
23E2845-72	NV-HI-DMMU 7-2	04/01/2023 13:00
23E2845-73	NV-HI-DMMU 7-3	04/01/2023 13:00
23E2845-74	NV-HI-DMMU 7-4	04/01/2023 13:00
23E2845-75	NV-HI-DMMU 7-5	04/01/2023 13:00
23E2845-76	NV-HI-DMMU 8-1	04/01/2023 13:00
23E2845-77	NV-HI-DMMU 8-2	04/01/2023 13:00
23E2845-78	NV-HI-DMMU 8-3	04/01/2023 13:00
23E2845-79	NV-HI-DMMU 8-4	04/01/2023 13:00
23E2845-80	NV-HI-DMMU 8-5	04/01/2023 13:00

Samples were received and accepted at NWDLS on 05/10/2023 15:00 (previously held in freezer storage). Any receiving discrepancies are recorded and stored in NWDLS' database. The samples received a Work Order of 23E2845. The lab sample IDs, client sample IDs, and dates of collection can be found at the top of each result page.

NWDLS provided their lowest detection limit for all requested analyses. Note that detection and reporting limits are adjusted to account for sample specific parameters.

Any QC that did not meet the laboratory specified control limits was flagged and reported with qualifiers. For additional information, please refer to the included quality control data pages.



Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

### Sample Results

Client Sample ID: MM-HI-DMMU 1-1  
 Lab Sample ID: 23E2845-01  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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#### General Chemistry

SM 2540 G	% Solids	A	13.6V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 1-2  
 Lab Sample ID: 23E2845-02  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	13.9V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 1-3	Sample Matrix: Tissue
Lab Sample ID: 23E2845-03	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	14.2V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 1-4  
 Lab Sample ID: 23E2845-04  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	14.8V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 1-5  
 Lab Sample ID: 23E2845-05  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	15.6V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 2-1	Sample Matrix: Tissue
Lab Sample ID: 23E2845-06	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	13.9V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 2-2  
 Lab Sample ID: 23E2845-07  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	13.9V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 2-3  
 Lab Sample ID: 23E2845-08  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	14.6V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 2-4	Sample Matrix: Tissue
Lab Sample ID: 23E2845-09	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	14.2V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 2-5  
 Lab Sample ID: 23E2845-10  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	14.5V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 3-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-11      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	12.1V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 3-2  
 Lab Sample ID: 23E2845-12  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	14.3V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 3-3  
 Lab Sample ID: 23E2845-13  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	13.8V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 3-4  
 Lab Sample ID: 23E2845-14  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	14.4V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 3-5	Sample Matrix: Tissue
Lab Sample ID: 23E2845-15	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	14.6V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-1	Sample Matrix: Tissue
Lab Sample ID: 23E2845-16	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	15.0V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 4-2  
 Lab Sample ID: 23E2845-17  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	12.4V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 4-3  
 Lab Sample ID: 23E2845-18  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	14.3V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-4	Sample Matrix: Tissue
Lab Sample ID: 23E2845-19	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	14.4V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-5	Sample Matrix: Tissue
Lab Sample ID: 23E2845-20	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	12.9V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 5-1	Sample Matrix: Tissue
Lab Sample ID: 23E2845-21	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	13.8V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 5-2  
 Lab Sample ID: 23E2845-22  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	13.5V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 5-3  
 Lab Sample ID: 23E2845-23  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	14.3V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 5-4  
 Lab Sample ID: 23E2845-24  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	14.5V	%	1	0.100	0.100	BGE2235	05/15/2023 10:57	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 5-5	Sample Matrix: Tissue
Lab Sample ID: 23E2845-25	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	13.2V	%	1	0.100	0.100	BGE2236	05/15/2023 10:27	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 6-1	Sample Matrix: Tissue
Lab Sample ID: 23E2845-26	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.2V	%	1	0.100	0.100	BGE2236	05/15/2023 10:27	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 6-2	Sample Matrix: Tissue
Lab Sample ID: 23E2845-27	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	14.8V	%	1	0.100	0.100	BGE2236	05/15/2023 10:27	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 6-3	Sample Matrix: Tissue
Lab Sample ID: 23E2845-28	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	13.9V	%	1	0.100	0.100	BGE2236	05/15/2023 10:27	BP
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Terracon\_Houston  
 11555 Clay Road  
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Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 6-4  
 Lab Sample ID: 23E2845-29  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	13.9V	%	1	0.100	0.100	BGE2236	05/15/2023 10:27	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 6-5	Sample Matrix: Tissue
Lab Sample ID: 23E2845-30	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	14.0V	%	1	0.100	0.100	BGE2236	05/15/2023 10:27	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-1	Sample Matrix: Tissue
Lab Sample ID: 23E2845-31	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	13.7V	%	1	0.100	0.100	BGE2236	05/15/2023 10:27	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-2	Sample Matrix: Tissue
Lab Sample ID: 23E2845-32	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.1V	%	1	0.100	0.100	BGE2236	05/15/2023 10:27	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-3	Sample Matrix: Tissue
Lab Sample ID: 23E2845-33	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.9V	%	1	0.100	0.100	BGE2236	05/15/2023 10:27	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-4	Sample Matrix: Tissue
Lab Sample ID: 23E2845-34	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	12.4V	%	1	0.100	0.100	BGE2236	05/15/2023 10:27	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-5	Sample Matrix: Tissue
Lab Sample ID: 23E2845-35	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	13.1V	%	1	0.100	0.100	BGE2236	05/15/2023 10:27	BP
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 8-1  
 Lab Sample ID: 23E2845-36  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	13.1V	%	1	0.100	0.100	BGE2236	05/15/2023 10:27	BP
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 8-2  
 Lab Sample ID: 23E2845-37  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	13.5V	%	1	0.100	0.100	BGE2236	05/15/2023 10:27	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 8-3	Sample Matrix: Tissue
Lab Sample ID: 23E2845-38	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	13.0V	%	1	0.100	0.100	BGE2236	05/15/2023 10:27	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 8-4	Sample Matrix: Tissue
Lab Sample ID: 23E2845-39	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.3V	%	1	0.100	0.100	BGE2236	05/15/2023 10:27	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 8-5	Sample Matrix: Tissue
Lab Sample ID: 23E2845-40	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	12.8V	%	1	0.100	0.100	BGE2236	05/15/2023 10:27	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 1-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-41      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.0V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: NV-HI-DMMU 1-2  
 Lab Sample ID: 23E2845-42  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 13:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.0V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: NV-HI-DMMU 1-3  
 Lab Sample ID: 23E2845-43  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 13:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	10.7V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 1-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-44      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.2V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: NV-HI-DMMU 1-5  
 Lab Sample ID: 23E2845-45  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 13:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	9.95V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-1	Sample Matrix: Tissue
Lab Sample ID: 23E2845-46	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	10.5V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-2	Sample Matrix: Tissue
Lab Sample ID: 23E2845-47	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.0V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-3	Sample Matrix: Tissue
Lab Sample ID: 23E2845-48	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	10.4V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-4	Sample Matrix: Tissue
Lab Sample ID: 23E2845-49	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.2V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-5	Sample Matrix: Tissue
Lab Sample ID: 23E2845-50	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	10.7V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-1	Sample Matrix: Tissue
Lab Sample ID: 23E2845-51	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.1V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-2	Sample Matrix: Tissue
Lab Sample ID: 23E2845-52	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.6V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-3	Sample Matrix: Tissue
Lab Sample ID: 23E2845-53	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	10.8V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-4	Sample Matrix: Tissue
Lab Sample ID: 23E2845-54	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	10.4V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-5	Sample Matrix: Tissue
Lab Sample ID: 23E2845-55	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.0V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-1	Sample Matrix: Tissue
Lab Sample ID: 23E2845-56	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	9.65V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: NV-HI-DMMU 4-2  
 Lab Sample ID: 23E2845-57  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 13:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	9.81V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-3	Sample Matrix: Tissue
Lab Sample ID: 23E2845-58	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	10.1V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-4	Sample Matrix: Tissue
Lab Sample ID: 23E2845-59	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	10.2V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-5	Sample Matrix: Tissue
Lab Sample ID: 23E2845-60	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	10.1V	%	1	0.100	0.100	BGE2230	05/15/2023 10:52	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: NV-HI-DMMU 5-1  
 Lab Sample ID: 23E2845-61  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 13:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.3V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 5-2	Sample Matrix: Tissue
Lab Sample ID: 23E2845-62	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	10.3V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 5-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-63      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.7V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: NV-HI-DMMU 5-4  
 Lab Sample ID: 23E2845-64  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 13:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	12.5V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: NV-HI-DMMU 5-5  
 Lab Sample ID: 23E2845-65  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 13:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.1V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 6-1	Sample Matrix: Tissue
Lab Sample ID: 23E2845-66	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.7V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: NV-HI-DMMU 6-2  
 Lab Sample ID: 23E2845-67  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 13:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.2V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 6-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-68      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	10.4V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 6-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-69      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	10.8V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: NV-HI-DMMU 6-5  
 Lab Sample ID: 23E2845-70  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 13:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	10.7V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: NV-HI-DMMU 7-1  
 Lab Sample ID: 23E2845-71  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 13:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	9.43V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: NV-HI-DMMU 7-2  
 Lab Sample ID: 23E2845-72  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 13:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.1V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 7-3	Sample Matrix: Tissue
Lab Sample ID: 23E2845-73	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.2V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 7-4	Sample Matrix: Tissue
Lab Sample ID: 23E2845-74	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	10.3V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: NV-HI-DMMU 7-5  
 Lab Sample ID: 23E2845-75  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 13:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	10.3V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: NV-HI-DMMU 8-1  
 Lab Sample ID: 23E2845-76  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 13:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	11.1V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
 07/05/2023 13:31

**Sample Results**  
 (Continued)

Client Sample ID: NV-HI-DMMU 8-2  
 Lab Sample ID: 23E2845-77  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 13:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	12.3V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 8-3	Sample Matrix: Tissue
Lab Sample ID: 23E2845-78	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	10.2V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 8-4	Sample Matrix: Tissue
Lab Sample ID: 23E2845-79	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	10.2V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 8-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-80      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**General Chemistry**

SM 2540 G	% Solids	A	9.83V	%	1	0.100	0.100	BGE2231	05/15/2023 10:59	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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### Quality Control

#### General Chemistry

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE2230 - Percent Solids</b>										
<b>Blank (BGE2230-BLK1)</b>										
% Solids	<0.100	U	0.100	%						Prepared: 5/12/2023 Analyzed: 5/15/2023
<b>Duplicate (BGE2230-DUP1)</b>										
<b>Source: 23E2845-41</b>										
% Solids	11.0		0.100	%		11.0			0.0342	10
<b>Duplicate (BGE2230-DUP2)</b>										
<b>Source: 23E2845-51</b>										
% Solids	11.1		0.100	%		11.1			0.00610	10
<b>Reference (BGE2230-SRM1)</b>										
% Solids	0.375		0.100	%	0.350		107	78.9-118		
<b>Batch: BGE2231 - Percent Solids</b>										
<b>Blank (BGE2231-BLK1)</b>										
% Solids	<0.100	U	0.100	%						Prepared: 5/12/2023 Analyzed: 5/15/2023
<b>Duplicate (BGE2231-DUP1)</b>										
<b>Source: 23E2845-61</b>										
% Solids	11.2		0.100	%		11.3			0.446	10
<b>Duplicate (BGE2231-DUP2)</b>										
<b>Source: 23E2845-71</b>										
% Solids	9.43		0.100	%		9.43			0.0119	10
<b>Reference (BGE2231-SRM1)</b>										
% Solids	0.382		0.100	%	0.350		109	78.9-118		
<b>Batch: BGE2234 - Percent Solids</b>										
<b>Blank (BGE2234-BLK1)</b>										
% Solids	<0.100	U	0.100	%						Prepared: 5/12/2023 Analyzed: 5/15/2023



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Quality Control**  
(Continued)

**General Chemistry (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2234 - Percent Solids (Continued)**

<b>Duplicate (BGE2234-DUP1)</b>		<b>Source: 23E2848-03</b>		Prepared: 5/12/2023 Analyzed: 5/15/2023						
% Solids	9.17		0.100	%		9.19			0.209	10
<b>Duplicate (BGE2234-DUP2)</b>		<b>Source: 23E2848-10</b>		Prepared: 5/12/2023 Analyzed: 5/15/2023						
% Solids	9.70		0.100	%		9.80			1.07	10
<b>Reference (BGE2234-SRM1)</b>				Prepared: 5/12/2023 Analyzed: 5/15/2023						
% Solids	0.377		0.100	%	0.350		108	78.9-118		

**Batch: BGE2235 - Percent Solids**

<b>Blank (BGE2235-BLK1)</b>				Prepared: 5/12/2023 Analyzed: 5/15/2023						
% Solids	<0.100	U		0.100	%					
<b>Duplicate (BGE2235-DUP1)</b>		<b>Source: 23E2845-08</b>		Prepared: 5/12/2023 Analyzed: 5/15/2023						
% Solids	14.8		0.100	%		14.6			1.28	10
<b>Duplicate (BGE2235-DUP2)</b>		<b>Source: 23E2845-16</b>		Prepared: 5/12/2023 Analyzed: 5/15/2023						
% Solids	14.7		0.100	%		15.0			1.47	10
<b>Reference (BGE2235-SRM1)</b>				Prepared: 5/12/2023 Analyzed: 5/15/2023						
% Solids	0.387		0.100	%	0.350		111	78.9-118		

**Batch: BGE2236 - Percent Solids**

<b>Blank (BGE2236-BLK1)</b>				Prepared: 5/12/2023 Analyzed: 5/15/2023						
% Solids	<0.100	U		0.100	%					



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/05/2023 13:31
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**Quality Control**  
(Continued)

**General Chemistry (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE2236 - Percent Solids (Continued)</b>										
<b>Duplicate (BGE2236-DUP1)</b>			<b>Source: 23E2845-25</b>		Prepared: 5/12/2023 Analyzed: 5/15/2023					
% Solids	13.0		0.100	%		13.2			1.66	10
<b>Duplicate (BGE2236-DUP2)</b>			<b>Source: 23E2845-39</b>		Prepared: 5/12/2023 Analyzed: 5/15/2023					
% Solids	11.6		0.100	%		11.3			2.35	10
<b>Reference (BGE2236-SRM1)</b>					Prepared: 5/12/2023 Analyzed: 5/15/2023					
% Solids	0.377		0.100	%	0.350		108	78.9-118		





Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/05/2023 13:31

### Sample Condition Checklist

**Work Order: 23E2845**

**Check Points**

- No Custody Seals
- Yes Containers Intact
- Yes COC/Labels Agree
- Yes Received On Ice
- Yes Appropriate Containers
- Yes Appropriate Sample Volume
- No Coolers Intact
- Yes Samples Accepted



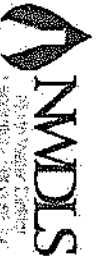
Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/05/2023 13:31

## Term and Qualifier Definitions

Item	Definition
U	Non-detected compound.
V	Analyte was detected in both sample and method blank.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated
*	A = Accredited, N = Not Accredited or Accreditation not available
DF	Dilution Factor - the factor applied to the reported data due to sample preparation, dilution, or moisture content
MDL	Method Detection Limit - The minimum concentration of a substance (or analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. Based on standard deviation of replicate spiked samples take through all steps of the analytical procedure following 40 CFR Part 136 Appendix B.
SDL	Sample Detection Limit - The minimum concentration of a substance (analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The SDL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MDL = SDL.
MRL	Method Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The MRL is at or above the lowest calibration standard.
LRL	Laboratory Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The LRL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MRL = LRL.



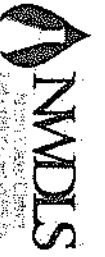
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 North Water District Laboratory Services  
 130 S. Trade Center Pkwy, Conroe TX 77385  
 (936) 321-6060 - lab@nwdis.com  
 TCEQ T104704238-23-39

Terracott, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM  
 Project Comments:

Schedule Comments:

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation	Field Results
23E2845-01	MM-HI-DMMU 1-1		4-1-23 1:00	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20< <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20< <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200. <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVDA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	
23E2845-02	MM-HI-DMMU 1-2		4-1-23 1:00	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20< <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20< <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200. <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVDA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	



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**23E2845**

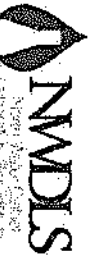
(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2845-03	MM-HI-DMMU 1-3		T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.1 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	
23E2845-04	MM-HI-DMMU 1-4	4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.1 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	



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Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM

Schedule Comments:

Project Comments:

23E2845-05	MM-HI-DMMU 1-5		4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20K <-20°C Beryllium KED ICPMS 2 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 20C <-20°C Hg-747f <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.8 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	
23E2845-06	MM-HI-DMMU 2-1		4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20K <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 20C <-20°C Hg-747f <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.8 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	



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(Continued)

Tetracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2845-07	MM-HI-DMMU 2-2		T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20I <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.1 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2845-08	MM-HI-DMMU 2-3	4-1-23 1109	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20I <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.1 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	



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(Continued)

Terracoin, Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989		<b>Project Name : PCCA HI TISSUE CHEM</b> <b>Schedule Comments:</b>			
<b>Project Comments:</b>					
23E2845-09	MM-HI-DMMU 2-4	4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C
23E2845-10	MM-HI-DMMU 2-5	4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C



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 130 S. Trade Center Pkwy., Comroe Tx 77385  
 (936) 321-6060 - lab@nwdls.com  
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Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM		Schedule Comments:	
Project Comments:			
23E2845-11	MM-HI-DMMU 3-1	4-1-23 1100	T Composite A Glass 250ml w/ Teflon-lined Lid
23E2845-12	MM-HI-DMMU 3-2	4-1-23 1100	T Composite A Glass 250ml w/ Teflon-lined Lid
			Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20K <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C
			Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20K <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C





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**23E2845**

(Continued)

Tetracon_Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989		Project Name : PCCA HI TISSUE CHEM		Schedule Comments:	
Project Comments:					
23E2845-13	MM-HI-DMMU 3-3	4-1-23 100	T Composite	A Glass 250mL w/ Teflon-lined lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20< <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C
23E2845-14	MM-HI-DMMU 3-4	4-1-23 100	T Composite	A Glass 250mL w/ Teflon-lined lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20< <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C



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(Continued)

Terracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name: PCCA HI TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2845-15	MM-HI-DMMU 3-5		4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.3 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2845-16	MM-HI-DMMU 4-1		4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.3 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	



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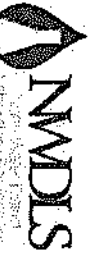
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**23E2845**

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Tetracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM		Schedule Comments:	
Project Comments:			
23E2845-17	MM-HI-DMMU 4-2	4-1-27 1100	T Composite A Glass 250mL w/ Teflon-lined Lid
23E2845-18	MM-HI-DMMU 4-3	4-1-27 1100	T Composite A Glass 250mL w/ Teflon-lined Lid
Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C			

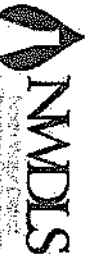


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Terracon_Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989		Project Name : PCCA HI TISSUE CHEM Project Comments:		Schedule Comments:	
23E2845-19	MM-HI-DMMU 4-4	4-1-23 1105	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.1 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C
23E2845-20	MM-HI-DMMU 4-5	4-1-23 1105	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.1 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C



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(Continued)

Terracon, Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989		<b>Project Name : PCCA HI TISSUE CHEM</b> <b>Project Comments:</b>		<b>Schedule Comments:</b>	
23E2845-21	MM-HI-DMMU 5-1	4-1-23 100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20K <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200j <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C
23E2845-22	MM-HI-DMMU 5-2	4-1-23 100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20K <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200j <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C



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**23E2845**

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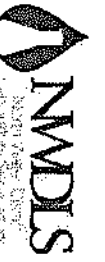
Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM

Schedule Comments:

Project Comments:

Sample ID	Container	Matrix	Analysis	Method	Temperature	Remarks
23E2845-23	MM-HI-DMMU 5-3	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVQA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	4-1-23 1100	
23E2845-24	MM-HI-DMMU 5-4	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVQA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	4-1-23 1100	



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**23E2845**

(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM

Schedule Comments:

Project Comments:

23E2845-25	MM-HI-DMMU 5-5		4-1-23 100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <<20°C Arsenic KED ICPMS 20C <<20°C Beryllium KED ICPMS 2i <<20°C Cadmium KED ICPMS 2 <<20°C Chromium KED ICPMS ; <<20°C Copper KED ICPMS 20C <<20°C Hg-7471 <<20°C Lead KED ICPMS 200.8 <<20°C Nickel KED ICPMS 200 ; <<20°C Selenium KED ICPMS 2 <<20°C Silver KED ICPMS 200.8 <<20°C Thallium KED ICPMS 20 <<20°C Zinc KED ICPMS 200.8 <<20°C SVOA-8270 <<20°C TPH-1005 <<20°C TS-2540 G <<20°C	
23E2845-26	MM-HI-DMMU 6-1		4-1-23 100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <<20°C Arsenic KED ICPMS 20C <<20°C Beryllium KED ICPMS 2i <<20°C Cadmium KED ICPMS 2 <<20°C Chromium KED ICPMS ; <<20°C Copper KED ICPMS 20C <<20°C Hg-7471 <<20°C Lead KED ICPMS 200.8 <<20°C Nickel KED ICPMS 200 ; <<20°C Selenium KED ICPMS 2 <<20°C Silver KED ICPMS 200.8 <<20°C Thallium KED ICPMS 20 <<20°C Zinc KED ICPMS 200.8 <<20°C SVOA-8270 <<20°C TPH-1005 <<20°C TS-2540 G <<20°C	



# CHAIN OF CUSTODY RECORD

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 130 S. Trade Center Pkwy, Conroe, TX 77385  
 (936) 321-6060 - lab@nwdis.com  
 TCEQ T104704238-23-39

**23E2845**

(Continued)

Terracoin\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

**Project Name : PCCA HI TISSUE CHEM**

**Project Comments:**

23E2845-27	MM-HI-DMMU 6-2		T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	Schedule Comments:
		4-1-23 100				
23E2845-28	MM-HI-DMMU 6-3		T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	





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**23E2845**

(Continued)

Terracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2845-29	MM-HI-DMMU 6-4		4-1-23 100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C
23E2845-30	MM-HI-DMMU 6-5		4-1-23 100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C



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(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

**Project Name :** PCCA HI TISSUE CHEM  
**Project Comments:**

**Schedule Comments:**

23E2845-31	MM-HI-DMMU 7-1		4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200i <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2845-32	MM-HI-DMMU 7-2		4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200i <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	



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 (936) 321-6060 - lab@nwdis.com  
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Terracon, Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989		Project Name : PCCA HI TISSUE CHEM		Schedule Comments:	
Project Comments:					
23E2845-33	MM-HI-DMMU 7-3	4-1-23 1000	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20K <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C
23E2845-34	MM-HI-DMMU 7-4	4-1-23 1150	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20K <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C



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(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name: PCCA HI TISSUE CHEM		Schedule Comments:		
Project Comments:				
23E2845-35	MM-HI-DMAMU 7-5	4-1-23 1.00	T Composite A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.I <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.£ <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C
23E2845-36	MM-HI-DMAMU 8-1	4-1-23 1.00	T Composite A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.I <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.£ <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C



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**23E2845**

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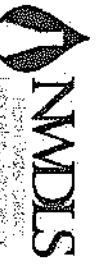
Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2845-37	MM-HI-DMMU 8-2		4-1-23 100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.1 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2845-38	MM-HI-DMMU 8-3		4-1-23 100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.1 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	





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 130 S. Trade Center Pkwy, Conroe, TX 77385  
 (936) 321-6060 - lab@nmdis.com  
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**23E2845**

(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM

Project Comments:

Schedule Comments:

23E2845-41	NV-HI-DMMU 1-1	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200. <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200. <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organolins-TX10014°C TS-2540 G <-20°C	
23E2845-42	NV-HI-DMMU 1-2	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20I <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200. <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200. <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organolins-TX10014°C TS-2540 G <-20°C	



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Terracon, Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989		Project Name : PCCA HI TISSUE CHEM Project Comments:		Schedule Comments:	
23E2845-43	NV-HI-DMMU 1-3	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C
23E2845-44	NV-HI-DMMU 1-4	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C





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 (936) 321-6060 - lab@nwdls.com  
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**23E2845**

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Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM

Schedule Comments:

Project Comments:

23E2845-45	NV-HI-DMMU 1-5		4-1-23 1300	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 200 <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200. ; <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200. ; <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	
23E2845-46	NV-HI-DMMU 2-1		4-1-23 1300	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 200 <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200. ; <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200. ; <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	



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 (936) 321-6060 - lab@nmdis.com  
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**23E2845**

(Continued)

Terracon_Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989		Project Name : PCCA HI TISSUE CHEM		Project Comments:		Schedule Comments:	
23E2845-47	NV-HI-DMMU 2-2		4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper: KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver:KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2845-48	NV-HI-DMMU 2-3		4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	



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 130 S. Trade Center Pkwy, Conroe TX 77385  
 (936) 321-6060 - lab@nmdis.com  
 TCEQ T104704238-23-39

**23E2845**

(Continued)

Tarraron\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2845-49	NV-HI-DMMU 2-4		4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS:2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.I <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.£ <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVDA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2845-50	NV-HI-DMMU 2-5		4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.I <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.£ <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVDA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	



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North Water District Laboratory Services  
 130 S. Trade Center Pkwy, Conroe Tx 77385  
 (936) 321-6060 - lab@nmwdis.com

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**23E2845**

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Tetracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCGA HI TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2845-51	NV-HI-DMMU 3-1		4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS:2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2845-52	NV-HI-DMMU 3-2		4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	



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 130 S. Trade Center Pkwy, Conroe TX 77385  
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Tetracon, Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989		Project Name: PCCA HI TISSUE CHEM		Project Comments:		Schedule Comments:	
23E2845-53	NV-HI-DMMU 3-3		4-1-27 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200; <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2845-54	NV-HI-DMMU 3-4		4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200; <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	



# CHAIN OF CUSTODY RECORD

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**23E2845**

(Continued)

Terracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name: PCCA HI TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2845-55	NV-HI-DMMU 3-5		T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2845-56	NV-HI-DMMU 4-1	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	



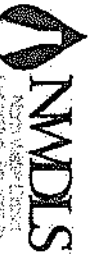
# CHAIN OF CUSTODY RECORD

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**23E2845**

(Continued)

Terracon, Houston Gregg Pawlak 11555 Clay Road Houston, TX: 77043 Phone: (713) 690-8989		Project Name : PCCA HI TISSUE CHEM Project Comments:		Schedule Comments:	
23E2845-57	NV-HI-DMMU 4-2	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200i <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C
23E2845-58	NV-HI-DMMU 4-3	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200i <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C



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**23E2845**

(Continued)

Terracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM

Project Comments:

Schedule Comments:

23E2845-59	NV-HI-DMMU 4-4		T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <<20°C Arsenic KED ICPMS 20C <<20°C Beryllium KED ICPMS 2i <<20°C Cadmium KED ICPMS 2 <<20°C Chromium KED ICPMS 1 <<20°C Copper KED ICPMS 20C <<20°C Hg-7471 <<20°C Lead KED ICPMS 200.8 <<20°C Nickel KED ICPMS 200i <<20°C Selenium KED ICPMS 2 <<20°C Silver KED ICPMS 200.8 <<20°C Thallium KED ICPMS 20 <<20°C Zinc KED ICPMS 200.8 <<20°C SVOA-8270 <<20°C TPH-1005 <<20°C TS-2540 G <<20°C	
23E2845-60	NV-HI-DMMU 4-5	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <<20°C Arsenic KED ICPMS 20C <<20°C Beryllium KED ICPMS 2i <<20°C Cadmium KED ICPMS 2 <<20°C Chromium KED ICPMS 1 <<20°C Copper KED ICPMS 20C <<20°C Hg-7471 <<20°C Lead KED ICPMS 200.8 <<20°C Nickel KED ICPMS 200i <<20°C Selenium KED ICPMS 2 <<20°C Silver KED ICPMS 200.8 <<20°C Thallium KED ICPMS 20 <<20°C Zinc KED ICPMS 200.8 <<20°C SVOA-8270 <<20°C TPH-1005 <<20°C TS-2540 G <<20°C	





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**23E2845**

(Continued)

Terracon_Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989		Project Name : PCCA HI TISSUE CHEM		Schedule Comments:		
Project Comments:						
23E2845-61	NV-HI-DMMU 5-1		4-1-27 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <<20°C Arsenic KED ICPMS 20C <<20°C Beryllium KED ICPMS 2i <<20°C Cadmium KED ICPMS 2 <<20°C Chromium KED ICPMS i <<20°C Copper KED ICPMS 20C <<20°C Hg-7471 <<20°C Lead KED ICPMS 200.8 <<20°C Nickel KED ICPMS 200.i <<20°C Selenium KED ICPMS 2 <<20°C Silver KED ICPMS 200.f <<20°C Thallium KED ICPMS 20 <<20°C Zinc KED ICPMS 200.8 <<20°C SVOA-8270 <<20°C TPH-1005 <<20°C TS-2540 G <<20°C
23E2845-62	NV-HI-DMMU 5-2		4-1-27 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <<20°C Arsenic KED ICPMS 20C <<20°C Beryllium KED ICPMS 2i <<20°C Cadmium KED ICPMS 2 <<20°C Chromium KED ICPMS i <<20°C Copper KED ICPMS 20C <<20°C Hg-7471 <<20°C Lead KED ICPMS 200.8 <<20°C Nickel KED ICPMS 200.i <<20°C Selenium KED ICPMS 2 <<20°C Silver KED ICPMS 200.f <<20°C Thallium KED ICPMS 20 <<20°C Zinc KED ICPMS 200.8 <<20°C SVOA-8270 <<20°C TPH-1005 <<20°C TS-2540 G <<20°C



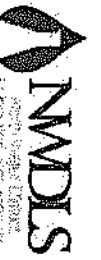
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**23E2845**

(Continued)

Terracon Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989		Project Name : PCCA HI TISSUE CHEM Project Comments:		Schedule Comments:	
23E2845-63	NV-HI-DMMU 5-3	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200; <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C
23E2845-64	NV-HI-DMMU 5-4	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200; <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C



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**23E2845**

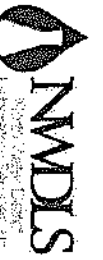
(Continued)

Terracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2845-65	NV-HI-DMMU 5-5		T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200; <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2845-66	NV-HI-DMMU 6-1	4-1-22 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200; <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	



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**23E2845**

(Continued)

Terracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

**Project Name : PCCA HI TISSUE CHEM**

**Project Comments:**

Sample ID	Container	Matrix	Analysis	Method	Result	
23E2845-67	NV-HI-DMMU 6-2	Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.4 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	4-1-23 1300	
23E2845-68	NV-HI-DMMU 6-3	Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.4 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	4-1-23 1300	

**Schedule Comments:**



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**23E2845**

(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA H TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2845-69	NV-HI-DMMU 6-4		T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <<-20°C Arsenic KED ICPMS 200 <<-20°C Beryllium KED ICPMS 2i <<-20°C Cadmium KED ICPMS 2 <<-20°C Chromium KED ICPMS : <<-20°C Copper KED ICPMS 200 <<-20°C Hg-7471 <<-20°C Lead KED ICPMS 200.8 <<-20°C Nickel KED ICPMS 200i <<-20°C Selenium KED ICPMS 2 <<-20°C Silver KED ICPMS 200.8 <<-20°C Thallium KED ICPMS 20 <<-20°C Zinc KED ICPMS 200.8 <<-20°C SVDA-8270 <<-20°C TPH-1005 <<-20°C TS-2540 G <<-20°C	
23E2845-70	NV-HI-DMMU 6-5		T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <<-20°C Arsenic KED ICPMS 200 <<-20°C Beryllium KED ICPMS 2i <<-20°C Cadmium KED ICPMS 2 <<-20°C Chromium KED ICPMS : <<-20°C Copper KED ICPMS 200 <<-20°C Hg-7471 <<-20°C Lead KED ICPMS 200.8 <<-20°C Nickel KED ICPMS 200i <<-20°C Selenium KED ICPMS 2 <<-20°C Silver KED ICPMS 200.8 <<-20°C Thallium KED ICPMS 20 <<-20°C Zinc KED ICPMS 200.8 <<-20°C SVDA-8270 <<-20°C TPH-1005 <<-20°C TS-2540 G <<-20°C	

Handwritten notes in the table cells:  
 - Cell 23E2845-69, T Composite: 4-1-23 (1300)  
 - Cell 23E2845-70, T Composite: 4-1-23 (1300)



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(Continued)

Terracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name: PCCA HI TISSUE CHEM		Schedule Comments:	
Project Comments:			
23E2845-71	NV-HI-DMMU 7-1	4-1-23 1355	T Composite
			A Glass 250mL w/ Teflon-lined Lid
23E2845-72	NV-HI-DMMU 7-2	4-1-23 1355	T Composite
			A Glass 250mL w/ Teflon-lined Lid
			Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C



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Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM		Schedule Comments:	
Project Comments:			
23E2845-73	NV-HI-DMMU 7-3	T Composite	A Glass 250mL w/ Teflon-lined Lid
			Antimony KED ICPMS 2 <<20°C Arsenic KED ICPMS 200 <<20°C Beryllium KED ICPMS 20 <<20°C Cadmium KED ICPMS 2 <<20°C Chromium KED ICPMS : <<20°C Copper KED ICPMS 200 <<20°C Hg-7471 <<20°C Lead KED ICPMS 200.8 <<20°C Nickel KED ICPMS 200.0 <<20°C Selenium KED ICPMS 2 <<20°C Silver KED ICPMS 200.0 <<20°C Thallium KED ICPMS 20 <<20°C Zinc KED ICPMS 200.8 <<20°C SVOA-8270 <<20°C TPH-1005 <<20°C TS-2540 G <<20°C
23E2845-74	NV-HI-DMMU 7-4	T Composite	A Glass 250mL w/ Teflon-lined Lid
			Antimony KED ICPMS 2 <<20°C Arsenic KED ICPMS 200 <<20°C Beryllium KED ICPMS 20 <<20°C Cadmium KED ICPMS 2 <<20°C Chromium KED ICPMS : <<20°C Copper KED ICPMS 200 <<20°C Hg-7471 <<20°C Lead KED ICPMS 200.8 <<20°C Nickel KED ICPMS 200.0 <<20°C Selenium KED ICPMS 2 <<20°C Silver KED ICPMS 200.0 <<20°C Thallium KED ICPMS 20 <<20°C Zinc KED ICPMS 200.8 <<20°C SVOA-8270 <<20°C TPH-1005 <<20°C TS-2540 G <<20°C

4-1-23  
1300

4-1-23  
1300



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**23E2845**

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Terracoh\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2845-75	NV-HI-DMMU 7-5		4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2845-76	NV-HI-DMMU 8-1		4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	





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**23E2845**

(Continued)

Terracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2845-77	NV-HI-DMMU 8-2		4-1-23 1300	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2845-78	NV-HI-DMMU 8-3		4-1-23 1300	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	



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**23E2845**

(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 14555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2845-79	NV-HI-DMMU 8-4		4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 3 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200. <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2845-80	NV-HI-DMMU 8-5		4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 3 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200. <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	



# CHAIN OF CUSTODY RECORD

North Water District Laboratory Services  
 130 S. Trade Center Pkwy, Conroe Tx 77385  
 (936) 321-6060 - lab@nwdls.com  
 TCEQ T104704238-23-39

**23E2845**

(Continued)

Terracoin\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA HI TISSUE CHEM		Schedule Comments:	
Project Comments:			

Field Remarks:	Relinquished By: (Signature)	Relinquished To Lab By: (Signature)	Preservation: (Circle and Write ID)	H2SO4	HNO3	NaOH	Other
Sampler (Signature)	<i>[Signature]</i>	<i>[Signature]</i>	Date/Time	5/10/23	15:00	Received By: (Signature)	Date/Time
Print Name	Theron Key		Date/Time			Received By: (Signature)	Date/Time
Affiliation	DBx Lab		Date/Time			Received for Laboratory By: (Signature)	Date/Time
Custody Seal : Yes / No	Yes / No	COC Labels Agreed: Yes / No	Yes / No	Appropriate Volume: Yes / No	Yes / No	Received on Ice: Yes / No	Yes / No
Container Intact : Yes / No	Yes / No	Appropriate Containers: Yes / No	Yes / No	Coolers Intact: Yes / No	Yes / No	Samples Accepted: Yes / No	Yes / No
Anatmar		Temperature: _____ °C		Thermometer ID: _____			



July 21, 2023

## LAB REPORT

Gregg Pawlak  
Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Report ID: 20230721160627MM

RE: PCCA HI TISSUE CHEM

The following test results meet all NELAP requirements for analytes for which certification is available. Any deviations from our quality system will be noted in the case narrative. All analyses performed by North Water District Laboratory Services, Inc. unless noted.

For questions regarding this report, contact Monica Martin at 936-321-6060.

Sincerely,

Monica O. Martin  
Chief Administrative Officer

Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/21/2023 16:06

### Work Order Case Narrative

A total of 80 samples were collected on:

<u>Laboratory ID</u>	<u>Sample Name</u>	<u>Sample Date</u>
23E2845-01	MM-HI-DMMU 1-1	04/01/2023 11:00
23E2845-02	MM-HI-DMMU 1-2	04/01/2023 11:00
23E2845-03	MM-HI-DMMU 1-3	04/01/2023 11:00
23E2845-04	MM-HI-DMMU 1-4	04/01/2023 11:00
23E2845-05	MM-HI-DMMU 1-5	04/01/2023 11:00
23E2845-06	MM-HI-DMMU 2-1	04/01/2023 11:00
23E2845-07	MM-HI-DMMU 2-2	04/01/2023 11:00
23E2845-08	MM-HI-DMMU 2-3	04/01/2023 11:00
23E2845-09	MM-HI-DMMU 2-4	04/01/2023 11:00
23E2845-10	MM-HI-DMMU 2-5	04/01/2023 11:00
23E2845-11	MM-HI-DMMU 3-1	04/01/2023 11:00
23E2845-12	MM-HI-DMMU 3-2	04/01/2023 11:00
23E2845-13	MM-HI-DMMU 3-3	04/01/2023 11:00
23E2845-14	MM-HI-DMMU 3-4	04/01/2023 11:00
23E2845-15	MM-HI-DMMU 3-5	04/01/2023 11:00
23E2845-16	MM-HI-DMMU 4-1	04/01/2023 11:00
23E2845-17	MM-HI-DMMU 4-2	04/01/2023 11:00
23E2845-18	MM-HI-DMMU 4-3	04/01/2023 11:00
23E2845-19	MM-HI-DMMU 4-4	04/01/2023 11:00
23E2845-20	MM-HI-DMMU 4-5	04/01/2023 11:00
23E2845-21	MM-HI-DMMU 5-1	04/01/2023 11:00
23E2845-22	MM-HI-DMMU 5-2	04/01/2023 11:00
23E2845-23	MM-HI-DMMU 5-3	04/01/2023 11:00
23E2845-24	MM-HI-DMMU 5-4	04/01/2023 11:00
23E2845-25	MM-HI-DMMU 5-5	04/01/2023 11:00
23E2845-26	MM-HI-DMMU 6-1	04/01/2023 11:00
23E2845-27	MM-HI-DMMU 6-2	04/01/2023 11:00
23E2845-28	MM-HI-DMMU 6-3	04/01/2023 11:00
23E2845-29	MM-HI-DMMU 6-4	04/01/2023 11:00
23E2845-30	MM-HI-DMMU 6-5	04/01/2023 11:00
23E2845-31	MM-HI-DMMU 7-1	04/01/2023 11:00
23E2845-32	MM-HI-DMMU 7-2	04/01/2023 11:00
23E2845-33	MM-HI-DMMU 7-3	04/01/2023 11:00
23E2845-34	MM-HI-DMMU 7-4	04/01/2023 11:00
23E2845-35	MM-HI-DMMU 7-5	04/01/2023 11:00
23E2845-36	MM-HI-DMMU 8-1	04/01/2023 11:00
23E2845-37	MM-HI-DMMU 8-2	04/01/2023 11:00
23E2845-38	MM-HI-DMMU 8-3	04/01/2023 11:00
23E2845-39	MM-HI-DMMU 8-4	04/01/2023 11:00
23E2845-40	MM-HI-DMMU 8-5	04/01/2023 11:00
23E2845-41	NV-HI-DMMU 1-1	04/01/2023 13:00
23E2845-42	NV-HI-DMMU 1-2	04/01/2023 13:00
23E2845-43	NV-HI-DMMU 1-3	04/01/2023 13:00
23E2845-44	NV-HI-DMMU 1-4	04/01/2023 13:00
23E2845-45	NV-HI-DMMU 1-5	04/01/2023 13:00
23E2845-46	NV-HI-DMMU 2-1	04/01/2023 13:00

Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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23E2845-47	NV-HI-DMMU 2-2	04/01/2023 13:00
23E2845-48	NV-HI-DMMU 2-3	04/01/2023 13:00
23E2845-49	NV-HI-DMMU 2-4	04/01/2023 13:00
23E2845-50	NV-HI-DMMU 2-5	04/01/2023 13:00
23E2845-51	NV-HI-DMMU 3-1	04/01/2023 13:00
23E2845-52	NV-HI-DMMU 3-2	04/01/2023 13:00
23E2845-53	NV-HI-DMMU 3-3	04/01/2023 13:00
23E2845-54	NV-HI-DMMU 3-4	04/01/2023 13:00
23E2845-55	NV-HI-DMMU 3-5	04/01/2023 13:00
23E2845-56	NV-HI-DMMU 4-1	04/01/2023 13:00
23E2845-57	NV-HI-DMMU 4-2	04/01/2023 13:00
23E2845-58	NV-HI-DMMU 4-3	04/01/2023 13:00
23E2845-59	NV-HI-DMMU 4-4	04/01/2023 13:00
23E2845-60	NV-HI-DMMU 4-5	04/01/2023 13:00
23E2845-61	NV-HI-DMMU 5-1	04/01/2023 13:00
23E2845-62	NV-HI-DMMU 5-2	04/01/2023 13:00
23E2845-63	NV-HI-DMMU 5-3	04/01/2023 13:00
23E2845-64	NV-HI-DMMU 5-4	04/01/2023 13:00
23E2845-65	NV-HI-DMMU 5-5	04/01/2023 13:00
23E2845-66	NV-HI-DMMU 6-1	04/01/2023 13:00
23E2845-67	NV-HI-DMMU 6-2	04/01/2023 13:00
23E2845-68	NV-HI-DMMU 6-3	04/01/2023 13:00
23E2845-69	NV-HI-DMMU 6-4	04/01/2023 13:00
23E2845-70	NV-HI-DMMU 6-5	04/01/2023 13:00
23E2845-71	NV-HI-DMMU 7-1	04/01/2023 13:00
23E2845-72	NV-HI-DMMU 7-2	04/01/2023 13:00
23E2845-73	NV-HI-DMMU 7-3	04/01/2023 13:00
23E2845-74	NV-HI-DMMU 7-4	04/01/2023 13:00
23E2845-75	NV-HI-DMMU 7-5	04/01/2023 13:00
23E2845-76	NV-HI-DMMU 8-1	04/01/2023 13:00
23E2845-77	NV-HI-DMMU 8-2	04/01/2023 13:00
23E2845-78	NV-HI-DMMU 8-3	04/01/2023 13:00
23E2845-79	NV-HI-DMMU 8-4	04/01/2023 13:00
23E2845-80	NV-HI-DMMU 8-5	04/01/2023 13:00

Samples were received and accepted at NWDLS on 05/10/2023 15:00 (previously held in freezer storage). Any receiving discrepancies are recorded and stored in NWDLS' database. The samples received a Work Order of 23E2845. The lab sample IDs, client sample IDs, and dates of collection can be found at the top of each result page.

NWDLS provided their lowest detection limit for all requested analyses. Note that detection and reporting limits are adjusted to account for sample specific parameters.

Any QC that did not meet the laboratory specified control limits was flagged and reported with qualifiers. For additional information, please refer to the included quality control data pages.

Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/21/2023 16:06

### Sample Results

Client Sample ID: MM-HI-DMMU 1-1  
Lab Sample ID: 23E2845-01  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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#### Semivolatile Organic Compounds by GCMS

SW-8270	Acenaphthene	A	<35.0U	ug/kg dry	2	35.0	35.0	BGE2066	06/03/2023 00:14	KRB
SW-8270	Acenaphthylene	A	<35.0U	ug/kg dry	2	35.0	35.0	BGE2066	06/03/2023 00:14	KRB
SW-8270	Anthracene	A	<35.0U	ug/kg dry	2	35.0	35.0	BGE2066	06/03/2023 00:14	KRB
SW-8270	Benzo(a)anthracene	A	<35.0U	ug/kg dry	2	35.0	35.0	BGE2066	06/03/2023 00:14	KRB
SW-8270	Benzo(a)pyrene	A	<35.0U	ug/kg dry	2	35.0	35.0	BGE2066	06/03/2023 00:14	KRB
SW-8270	benzo(b&k)fluoranthene	A	<70.1U	ug/kg dry	2	70.1	70.1	BGE2066	06/03/2023 00:14	KRB
SW-8270	Benzo(g,h,i)perylene	A	<35.0U	ug/kg dry	2	35.0	35.0	BGE2066	06/03/2023 00:14	KRB
SW-8270	Chrysene	A	<35.0U	ug/kg dry	2	35.0	35.0	BGE2066	06/03/2023 00:14	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<35.0U	ug/kg dry	2	35.0	35.0	BGE2066	06/03/2023 00:14	KRB
SW-8270	Di-n-butyl phthalate	A	<35.0U	ug/kg dry	2	35.0	35.0	BGE2066	06/03/2023 00:14	KRB
SW-8270	Fluoranthene	A	<35.0U	ug/kg dry	2	35.0	35.0	BGE2066	06/03/2023 00:14	KRB
SW-8270	Fluorene	A	<35.0U	ug/kg dry	2	35.0	35.0	BGE2066	06/03/2023 00:14	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<35.0U	ug/kg dry	2	35.0	35.0	BGE2066	06/03/2023 00:14	KRB
SW-8270	Naphthalene	A	<35.0U	ug/kg dry	2	35.0	35.0	BGE2066	06/03/2023 00:14	KRB
SW-8270	Phenanthrene	A	<35.0U	ug/kg dry	2	35.0	35.0	BGE2066	06/03/2023 00:14	KRB
SW-8270	Pyrene	A	<35.0U	ug/kg dry	2	35.0	35.0	BGE2066	06/03/2023 00:14	KRB
<hr/>										
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		30.6% S	60-140					06/03/2023 00:14	
SW-8270	Surrogate: Nitrobenzene-d5-surr		66.8%	60-140					06/03/2023 00:14	
SW-8270	Surrogate: p-Terphenyl-d14-surr		31.3% S	60-140					06/03/2023 00:14	

Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/21/2023 16:06

**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 1-2  
Lab Sample ID: 23E2845-02  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<35.9U	ug/kg dry	2	35.9	35.9	BGE2066	06/03/2023 00:48	KRB
SW-8270	Acenaphthylene	A	<35.9U	ug/kg dry	2	35.9	35.9	BGE2066	06/03/2023 00:48	KRB
SW-8270	Anthracene	A	<35.9U	ug/kg dry	2	35.9	35.9	BGE2066	06/03/2023 00:48	KRB
SW-8270	Benzo(a)anthracene	A	<35.9U	ug/kg dry	2	35.9	35.9	BGE2066	06/03/2023 00:48	KRB
SW-8270	Benzo(a)pyrene	A	<35.9U	ug/kg dry	2	35.9	35.9	BGE2066	06/03/2023 00:48	KRB
SW-8270	benzo(b&k)fluoranthene	A	<71.9U	ug/kg dry	2	71.9	71.9	BGE2066	06/03/2023 00:48	KRB
SW-8270	Benzo(g,h,i)perylene	A	<35.9U	ug/kg dry	2	35.9	35.9	BGE2066	06/03/2023 00:48	KRB
SW-8270	Chrysene	A	<35.9U	ug/kg dry	2	35.9	35.9	BGE2066	06/03/2023 00:48	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<35.9U	ug/kg dry	2	35.9	35.9	BGE2066	06/03/2023 00:48	KRB
SW-8270	Di-n-butyl phthalate	A	<35.9U	ug/kg dry	2	35.9	35.9	BGE2066	06/03/2023 00:48	KRB
SW-8270	Fluoranthene	A	<35.9U	ug/kg dry	2	35.9	35.9	BGE2066	06/03/2023 00:48	KRB
SW-8270	Fluorene	A	<35.9U	ug/kg dry	2	35.9	35.9	BGE2066	06/03/2023 00:48	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<35.9U	ug/kg dry	2	35.9	35.9	BGE2066	06/03/2023 00:48	KRB
SW-8270	Naphthalene	A	<35.9U	ug/kg dry	2	35.9	35.9	BGE2066	06/03/2023 00:48	KRB
SW-8270	Phenanthrene	A	<35.9U	ug/kg dry	2	35.9	35.9	BGE2066	06/03/2023 00:48	KRB
SW-8270	Pyrene	A	<35.9U	ug/kg dry	2	35.9	35.9	BGE2066	06/03/2023 00:48	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr		17.0% S	60-140					06/03/2023 00:48	
SW-8270	Surrogate: Nitrobenzene-d5-surr		61.5%	60-140					06/03/2023 00:48	
SW-8270	Surrogate: p-Terphenyl-d14-surr		17.6% S	60-140					06/03/2023 00:48	





Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 1-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-03      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<33.3U	ug/kg dry	2	33.3	33.3	BGE2066	06/03/2023 01:23	KRB
SW-8270	Acenaphthylene	A	<33.3U	ug/kg dry	2	33.3	33.3	BGE2066	06/03/2023 01:23	KRB
SW-8270	Anthracene	A	<33.3U	ug/kg dry	2	33.3	33.3	BGE2066	06/03/2023 01:23	KRB
SW-8270	Benzo(a)anthracene	A	<33.3U	ug/kg dry	2	33.3	33.3	BGE2066	06/03/2023 01:23	KRB
SW-8270	Benzo(a)pyrene	A	<33.3U	ug/kg dry	2	33.3	33.3	BGE2066	06/03/2023 01:23	KRB
SW-8270	benzo(b&k)fluoranthene	A	<66.7U	ug/kg dry	2	66.7	66.7	BGE2066	06/03/2023 01:23	KRB
SW-8270	Benzo(g,h,i)perylene	A	<33.3U	ug/kg dry	2	33.3	33.3	BGE2066	06/03/2023 01:23	KRB
SW-8270	Chrysene	A	<33.3U	ug/kg dry	2	33.3	33.3	BGE2066	06/03/2023 01:23	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<33.3U	ug/kg dry	2	33.3	33.3	BGE2066	06/03/2023 01:23	KRB
SW-8270	Di-n-butyl phthalate	A	<33.3U	ug/kg dry	2	33.3	33.3	BGE2066	06/03/2023 01:23	KRB
SW-8270	Fluoranthene	A	<33.3U	ug/kg dry	2	33.3	33.3	BGE2066	06/03/2023 01:23	KRB
SW-8270	Fluorene	A	<33.3U	ug/kg dry	2	33.3	33.3	BGE2066	06/03/2023 01:23	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<33.3U	ug/kg dry	2	33.3	33.3	BGE2066	06/03/2023 01:23	KRB
SW-8270	Naphthalene	A	<33.3U	ug/kg dry	2	33.3	33.3	BGE2066	06/03/2023 01:23	KRB
SW-8270	Phenanthrene	A	<33.3U	ug/kg dry	2	33.3	33.3	BGE2066	06/03/2023 01:23	KRB
SW-8270	Pyrene	A	<33.3U	ug/kg dry	2	33.3	33.3	BGE2066	06/03/2023 01:23	KRB
<hr/>										
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		15.2% S	60-140					06/03/2023 01:23	
SW-8270	Surrogate: Nitrobenzene-d5-surr		74.8%	60-140					06/03/2023 01:23	
SW-8270	Surrogate: p-Terphenyl-d14-surr		19.4% S	60-140					06/03/2023 01:23	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 1-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-04      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<33.2U	ug/kg dry	2	33.2	33.2	BGE2066	06/03/2023 01:58	KRB
SW-8270	Acenaphthylene	A	<33.2U	ug/kg dry	2	33.2	33.2	BGE2066	06/03/2023 01:58	KRB
SW-8270	Anthracene	A	<33.2U	ug/kg dry	2	33.2	33.2	BGE2066	06/03/2023 01:58	KRB
SW-8270	Benzo(a)anthracene	A	<33.2U	ug/kg dry	2	33.2	33.2	BGE2066	06/03/2023 01:58	KRB
SW-8270	Benzo(a)pyrene	A	<33.2U	ug/kg dry	2	33.2	33.2	BGE2066	06/03/2023 01:58	KRB
SW-8270	benzo(b&k)fluoranthene	A	<66.5U	ug/kg dry	2	66.5	66.5	BGE2066	06/03/2023 01:58	KRB
SW-8270	Benzo(g,h,i)perylene	A	<33.2U	ug/kg dry	2	33.2	33.2	BGE2066	06/03/2023 01:58	KRB
SW-8270	Chrysene	A	<33.2U	ug/kg dry	2	33.2	33.2	BGE2066	06/03/2023 01:58	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<33.2U	ug/kg dry	2	33.2	33.2	BGE2066	06/03/2023 01:58	KRB
SW-8270	Di-n-butyl phthalate	A	<33.2U	ug/kg dry	2	33.2	33.2	BGE2066	06/03/2023 01:58	KRB
SW-8270	Fluoranthene	A	<33.2U	ug/kg dry	2	33.2	33.2	BGE2066	06/03/2023 01:58	KRB
SW-8270	Fluorene	A	<33.2U	ug/kg dry	2	33.2	33.2	BGE2066	06/03/2023 01:58	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<33.2U	ug/kg dry	2	33.2	33.2	BGE2066	06/03/2023 01:58	KRB
SW-8270	Naphthalene	A	<33.2U	ug/kg dry	2	33.2	33.2	BGE2066	06/03/2023 01:58	KRB
SW-8270	Phenanthrene	A	<33.2U	ug/kg dry	2	33.2	33.2	BGE2066	06/03/2023 01:58	KRB
SW-8270	Pyrene	A	<33.2U	ug/kg dry	2	33.2	33.2	BGE2066	06/03/2023 01:58	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr		13.5% S	60-140					06/03/2023 01:58	
SW-8270	Surrogate: Nitrobenzene-d5-surr		70.1%	60-140					06/03/2023 01:58	
SW-8270	Surrogate: p-Terphenyl-d14-surr		10.9% S	60-140					06/03/2023 01:58	

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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/21/2023 16:06

**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 1-5  
Lab Sample ID: 23E2845-05  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<31.1U	ug/kg dry	2	31.1	31.1	BGE2066	06/02/2023 23:39	KRB
SW-8270	Acenaphthylene	A	<31.1U	ug/kg dry	2	31.1	31.1	BGE2066	06/02/2023 23:39	KRB
SW-8270	Anthracene	A	<31.1U	ug/kg dry	2	31.1	31.1	BGE2066	06/02/2023 23:39	KRB
SW-8270	Benzo(a)pyrene	A	<31.1U	ug/kg dry	2	31.1	31.1	BGE2066	06/02/2023 23:39	KRB
SW-8270	Benzo(g,h,i)perylene	A	<31.1U	ug/kg dry	2	31.1	31.1	BGE2066	06/02/2023 23:39	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<31.1U	ug/kg dry	2	31.1	31.1	BGE2066	06/02/2023 23:39	KRB
SW-8270	Di-n-butyl phthalate	A	<31.1U	ug/kg dry	2	31.1	31.1	BGE2066	06/02/2023 23:39	KRB
SW-8270	Fluoranthene	A	<31.1U	ug/kg dry	2	31.1	31.1	BGE2066	06/02/2023 23:39	KRB
SW-8270	Fluorene	A	<31.1U	ug/kg dry	2	31.1	31.1	BGE2066	06/02/2023 23:39	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<31.1U	ug/kg dry	2	31.1	31.1	BGE2066	06/02/2023 23:39	KRB
SW-8270	Naphthalene	A	<31.1U	ug/kg dry	2	31.1	31.1	BGE2066	06/02/2023 23:39	KRB
SW-8270	Phenanthrene	A	<31.1U	ug/kg dry	2	31.1	31.1	BGE2066	06/02/2023 23:39	KRB
SW-8270	Pyrene	A	<31.1U	ug/kg dry	2	31.1	31.1	BGE2066	06/02/2023 23:39	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		68.3%	60-140					06/02/2023 23:39	
SW-8270	Surrogate: Nitrobenzene-d5-surr		109%	60-140					06/02/2023 23:39	
SW-8270	Surrogate: p-Terphenyl-d14-surr		77.7%	60-140					06/02/2023 23:39	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 1-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-05RE1      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<62.2U	ug/kg dry	2	62.2	62.2	BGE2066	06/07/2023 01:19	KRB
SW-8270	Benzo(a)anthracene & Chrysene (Rerun)	N	<62.2U	ug/kg dry	2	62.2	62.2	BGE2066	06/07/2023 01:19	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		77.0%	60-140					06/07/2023 01:19	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		87.5%	60-140					06/07/2023 01:19	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		21.5% S	60-140					06/07/2023 01:19	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 2-1	Sample Matrix: Tissue
Lab Sample ID: 23E2845-06	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	<17.2U	ug/kg dry	1	17.2	17.2	BGF1571	06/30/2023 00:50	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		95.9%	60-140					06/30/2023 00:50	
SW-8270	Surrogate: Nitrobenzene-d5-surr		185% S	60-140					06/30/2023 00:50	
SW-8270	Surrogate: p-Terphenyl-d14-surr		49.7% S	60-140					06/30/2023 00:50	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 2-2	Sample Matrix: Tissue
Lab Sample ID: 23E2845-07	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	93.0	ug/kg dry	1	17.7	17.7	BGF1571	06/30/2023 01:25	KRB
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>127%</i>	<i>60-140</i>					<i>06/30/2023 01:25</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>280% S</i>	<i>60-140</i>					<i>06/30/2023 01:25</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>43.3% S</i>	<i>60-140</i>					<i>06/30/2023 01:25</i>	



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 2-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-08      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	102	ug/kg dry	1	17.0	17.0	BGF1571	06/30/2023 02:00	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		106%	60-140					06/30/2023 02:00	
SW-8270	Surrogate: Nitrobenzene-d5-surr		246% S	60-140					06/30/2023 02:00	
SW-8270	Surrogate: p-Terphenyl-d14-surr		44.4% S	60-140					06/30/2023 02:00	



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 2-4	Sample Matrix: Tissue
Lab Sample ID: 23E2845-09	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	87.8	ug/kg dry	1	17.5	17.5	BGF1571	06/30/2023 02:35	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		102%	60-140					06/30/2023 02:35	
SW-8270	Surrogate: Nitrobenzene-d5-surr		209% S	60-140					06/30/2023 02:35	
SW-8270	Surrogate: p-Terphenyl-d14-surr		48.3% S	60-140					06/30/2023 02:35	





Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 2-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-10      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	67.6	ug/kg dry	1	17.1	17.1	BGF1571	06/30/2023 03:10	KRB
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>107%</i>	<i>60-140</i>					<i>06/30/2023 03:10</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>160% S</i>	<i>60-140</i>					<i>06/30/2023 03:10</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>70.1%</i>	<i>60-140</i>					<i>06/30/2023 03:10</i>	

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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 3-1  
Lab Sample ID: 23E2845-11  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<41.0U	ug/kg dry	1	41.0	41.0	BGF1307	06/27/2023 23:34	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<20.5U	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB
SW-8270	Acenaphthene	A	<20.5U	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB
SW-8270	Acenaphthylene	A	<20.5U	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB
SW-8270	Anthracene	A	<20.5U	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB
SW-8270	Benzo(a)anthracene	A	<20.5U	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB
SW-8270	Benzo(a)pyrene	A	<20.5U	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB
SW-8270	benzo(b&k)fluoranthene	A	<41.0U	ug/kg dry	1	41.0	41.0	BGF1307	06/27/2023 23:34	KRB
SW-8270	Benzo(g,h,i)perylene	A	<20.5U	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	67.0V	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB
SW-8270	Chrysene	A	<20.5U	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<20.5U	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB
SW-8270	Diethyl phthalate	A	37.3V	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB
SW-8270	Di-n-butyl phthalate	A	68.0V	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB
SW-8270	Fluoranthene	A	<20.5U	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB
SW-8270	Fluorene	A	36.6	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB
SW-8270	Hexachlorocyclopentadiene	A	<20.5U	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<20.5U	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB
SW-8270	Naphthalene	A	<20.5U	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB
SW-8270	Phenanthrene	A	<20.5U	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB
SW-8270	Pyrene	A	<20.5U	ug/kg dry	1	20.5	20.5	BGF1307	06/27/2023 23:34	KRB

SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		31.6% S	60-140					06/27/2023 23:34	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		144% S	60-140					06/27/2023 23:34	
SW-8270	Surrogate: 2-Fluorophenol-surr		72.0%	60-140					06/27/2023 23:34	
SW-8270	Surrogate: Nitrobenzene-d5-surr		194% S	60-140					06/27/2023 23:34	
SW-8270	Surrogate: Phenol-d5-surr		119%	60-140					06/27/2023 23:34	
SW-8270	Surrogate: p-Terphenyl-d14-surr		51.0% S	60-140					06/27/2023 23:34	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 3-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-12      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<33.4U	ug/kg dry	1	33.4	33.4	BGF1307	06/28/2023 00:09	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<16.7U	ug/kg dry	1	16.7	16.7	BGF1307	06/28/2023 00:09	KRB
SW-8270	Acenaphthene	A	<16.7U	ug/kg dry	1	16.7	16.7	BGF1307	06/28/2023 00:09	KRB
SW-8270	Acenaphthylene	A	<16.7U	ug/kg dry	1	16.7	16.7	BGF1307	06/28/2023 00:09	KRB
SW-8270	Anthracene	A	<16.7U	ug/kg dry	1	16.7	16.7	BGF1307	06/28/2023 00:09	KRB
SW-8270	Benzo(a)anthracene	A	<16.7U	ug/kg dry	1	16.7	16.7	BGF1307	06/28/2023 00:09	KRB
SW-8270	Benzo(a)pyrene	A	<16.7U	ug/kg dry	1	16.7	16.7	BGF1307	06/28/2023 00:09	KRB
SW-8270	benzo(b&k)fluoranthene	A	<33.4U	ug/kg dry	1	33.4	33.4	BGF1307	06/28/2023 00:09	KRB
SW-8270	Benzo(g,h,i)perylene	A	<16.7U	ug/kg dry	1	16.7	16.7	BGF1307	06/28/2023 00:09	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	85.3V	ug/kg dry	1	16.7	16.7	BGF1307	06/28/2023 00:09	KRB
SW-8270	Chrysene	A	<16.7U	ug/kg dry	1	16.7	16.7	BGF1307	06/28/2023 00:09	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<16.7U	ug/kg dry	1	16.7	16.7	BGF1307	06/28/2023 00:09	KRB
SW-8270	Di-n-butyl phthalate	A	48.4V	ug/kg dry	1	16.7	16.7	BGF1307	06/28/2023 00:09	KRB
SW-8270	Fluoranthene	A	<16.7U	ug/kg dry	1	16.7	16.7	BGF1307	06/28/2023 00:09	KRB
SW-8270	Fluorene	A	36.7	ug/kg dry	1	16.7	16.7	BGF1307	06/28/2023 00:09	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<16.7U	ug/kg dry	1	16.7	16.7	BGF1307	06/28/2023 00:09	KRB
SW-8270	Naphthalene	A	<16.7U	ug/kg dry	1	16.7	16.7	BGF1307	06/28/2023 00:09	KRB
SW-8270	Phenanthrene	A	<16.7U	ug/kg dry	1	16.7	16.7	BGF1307	06/28/2023 00:09	KRB
SW-8270	Pyrene	A	<16.7U	ug/kg dry	1	16.7	16.7	BGF1307	06/28/2023 00:09	KRB
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SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		25.4% S	60-140					06/28/2023 00:09	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		117%	60-140					06/28/2023 00:09	
SW-8270	Surrogate: 2-Fluorophenol-surr		68.8%	60-140					06/28/2023 00:09	
SW-8270	Surrogate: Nitrobenzene-d5-surr		191% S	60-140					06/28/2023 00:09	
SW-8270	Surrogate: Phenol-d5-surr		98.8%	60-140					06/28/2023 00:09	
SW-8270	Surrogate: p-Terphenyl-d14-surr		19.3% S	60-140					06/28/2023 00:09	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 3-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-13      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<35.4U	ug/kg dry	1	35.4	35.4	BGF1307	06/28/2023 00:44	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<17.7U	ug/kg dry	1	17.7	17.7	BGF1307	06/28/2023 00:44	KRB
SW-8270	Acenaphthene	A	<17.7U	ug/kg dry	1	17.7	17.7	BGF1307	06/28/2023 00:44	KRB
SW-8270	Acenaphthylene	A	<17.7U	ug/kg dry	1	17.7	17.7	BGF1307	06/28/2023 00:44	KRB
SW-8270	Anthracene	A	<17.7U	ug/kg dry	1	17.7	17.7	BGF1307	06/28/2023 00:44	KRB
SW-8270	Benzo(a)anthracene	A	<17.7U	ug/kg dry	1	17.7	17.7	BGF1307	06/28/2023 00:44	KRB
SW-8270	Benzo(a)pyrene	A	<17.7U	ug/kg dry	1	17.7	17.7	BGF1307	06/28/2023 00:44	KRB
SW-8270	benzo(b&k)fluoranthene	A	<35.4U	ug/kg dry	1	35.4	35.4	BGF1307	06/28/2023 00:44	KRB
SW-8270	Benzo(g,h,i)perylene	A	<17.7U	ug/kg dry	1	17.7	17.7	BGF1307	06/28/2023 00:44	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	55.3V	ug/kg dry	1	17.7	17.7	BGF1307	06/28/2023 00:44	KRB
SW-8270	Chrysene	A	<17.7U	ug/kg dry	1	17.7	17.7	BGF1307	06/28/2023 00:44	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<17.7U	ug/kg dry	1	17.7	17.7	BGF1307	06/28/2023 00:44	KRB
SW-8270	Di-n-butyl phthalate	A	48.9V	ug/kg dry	1	17.7	17.7	BGF1307	06/28/2023 00:44	KRB
SW-8270	Fluoranthene	A	<17.7U	ug/kg dry	1	17.7	17.7	BGF1307	06/28/2023 00:44	KRB
SW-8270	Fluorene	A	41.9	ug/kg dry	1	17.7	17.7	BGF1307	06/28/2023 00:44	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<17.7U	ug/kg dry	1	17.7	17.7	BGF1307	06/28/2023 00:44	KRB
SW-8270	Naphthalene	A	<17.7U	ug/kg dry	1	17.7	17.7	BGF1307	06/28/2023 00:44	KRB
SW-8270	Phenanthrene	A	<17.7U	ug/kg dry	1	17.7	17.7	BGF1307	06/28/2023 00:44	KRB
SW-8270	Pyrene	A	<17.7U	ug/kg dry	1	17.7	17.7	BGF1307	06/28/2023 00:44	KRB
<hr/>										
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		10.6% S	60-140					06/28/2023 00:44	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		79.2% S	60-140					06/28/2023 00:44	
SW-8270	Surrogate: 2-Fluorophenol-surr		56.5% S	60-140					06/28/2023 00:44	
SW-8270	Surrogate: Nitrobenzene-d5-surr		162% S	60-140					06/28/2023 00:44	
SW-8270	Surrogate: Phenol-d5-surr		81.5% S	60-140					06/28/2023 00:44	
SW-8270	Surrogate: p-Terphenyl-d14-surr		33.6% S	60-140					06/28/2023 00:44	



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 3-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-14      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<33.9U	ug/kg dry	1	33.9	33.9	BGF1307	06/28/2023 01:19	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<17.0U	ug/kg dry	1	17.0	17.0	BGF1307	06/28/2023 01:19	KRB
SW-8270	Acenaphthene	A	<17.0U	ug/kg dry	1	17.0	17.0	BGF1307	06/28/2023 01:19	KRB
SW-8270	Acenaphthylene	A	<17.0U	ug/kg dry	1	17.0	17.0	BGF1307	06/28/2023 01:19	KRB
SW-8270	Anthracene	A	<17.0U	ug/kg dry	1	17.0	17.0	BGF1307	06/28/2023 01:19	KRB
SW-8270	Benzo(a)anthracene	A	<17.0U	ug/kg dry	1	17.0	17.0	BGF1307	06/28/2023 01:19	KRB
SW-8270	Benzo(a)pyrene	A	<17.0U	ug/kg dry	1	17.0	17.0	BGF1307	06/28/2023 01:19	KRB
SW-8270	benzo(b&k)fluoranthene	A	<33.9U	ug/kg dry	1	33.9	33.9	BGF1307	06/28/2023 01:19	KRB
SW-8270	Benzo(g,h,i)perylene	A	<17.0U	ug/kg dry	1	17.0	17.0	BGF1307	06/28/2023 01:19	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	54.6V	ug/kg dry	1	17.0	17.0	BGF1307	06/28/2023 01:19	KRB
SW-8270	Chrysene	A	<17.0U	ug/kg dry	1	17.0	17.0	BGF1307	06/28/2023 01:19	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<17.0U	ug/kg dry	1	17.0	17.0	BGF1307	06/28/2023 01:19	KRB
SW-8270	Di-n-butyl phthalate	A	46.9V	ug/kg dry	1	17.0	17.0	BGF1307	06/28/2023 01:19	KRB
SW-8270	Fluoranthene	A	<17.0U	ug/kg dry	1	17.0	17.0	BGF1307	06/28/2023 01:19	KRB
SW-8270	Fluorene	A	<17.0U	ug/kg dry	1	17.0	17.0	BGF1307	06/28/2023 01:19	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<17.0U	ug/kg dry	1	17.0	17.0	BGF1307	06/28/2023 01:19	KRB
SW-8270	Naphthalene	A	<17.0U	ug/kg dry	1	17.0	17.0	BGF1307	06/28/2023 01:19	KRB
SW-8270	Phenanthrene	A	<17.0U	ug/kg dry	1	17.0	17.0	BGF1307	06/28/2023 01:19	KRB
SW-8270	Pyrene	A	<17.0U	ug/kg dry	1	17.0	17.0	BGF1307	06/28/2023 01:19	KRB
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SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		2.31% S	60-140					06/28/2023 01:19	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		30.5% S	60-140					06/28/2023 01:19	
SW-8270	Surrogate: 2-Fluorophenol-surr		44.3% S	60-140					06/28/2023 01:19	
SW-8270	Surrogate: Nitrobenzene-d5-surr		96.1%	60-140					06/28/2023 01:19	
SW-8270	Surrogate: Phenol-d5-surr		72.0%	60-140					06/28/2023 01:19	
SW-8270	Surrogate: p-Terphenyl-d14-surr		34.8% S	60-140					06/28/2023 01:19	



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 3-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-15      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<32.0U	ug/kg dry	1	32.0	32.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<16.0U	ug/kg dry	1	16.0	16.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	Acenaphthene	A	<16.0U	ug/kg dry	1	16.0	16.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	Acenaphthylene	A	<16.0U	ug/kg dry	1	16.0	16.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	Anthracene	A	<16.0U	ug/kg dry	1	16.0	16.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	Benzo(a)anthracene	A	<16.0U	ug/kg dry	1	16.0	16.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	Benzo(a)pyrene	A	<16.0U	ug/kg dry	1	16.0	16.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	benzo(b&k)fluoranthene	A	<32.0U	ug/kg dry	1	32.0	32.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	Benzo(g,h,i)perylene	A	<16.0U	ug/kg dry	1	16.0	16.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	63.0V	ug/kg dry	1	16.0	16.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	Chrysene	A	<16.0U	ug/kg dry	1	16.0	16.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<16.0U	ug/kg dry	1	16.0	16.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	Di-n-butyl phthalate	A	33.2V	ug/kg dry	1	16.0	16.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	Fluoranthene	A	<16.0U	ug/kg dry	1	16.0	16.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	Fluorene	A	<16.0U	ug/kg dry	1	16.0	16.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<16.0U	ug/kg dry	1	16.0	16.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	Naphthalene	A	<16.0U	ug/kg dry	1	16.0	16.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	Phenanthrene	A	<16.0U	ug/kg dry	1	16.0	16.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	Pyrene	A	<16.0U	ug/kg dry	1	16.0	16.0	BGF1307	06/28/2023 01:54	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		2.97% S	60-140					06/28/2023 01:54	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		30.7% S	60-140					06/28/2023 01:54	
SW-8270	Surrogate: 2-Fluorophenol-surr		50.4% S	60-140					06/28/2023 01:54	
SW-8270	Surrogate: Nitrobenzene-d5-surr		94.6%	60-140					06/28/2023 01:54	
SW-8270	Surrogate: Phenol-d5-surr		72.9%	60-140					06/28/2023 01:54	
SW-8270	Surrogate: p-Terphenyl-d14-surr		34.4% S	60-140					06/28/2023 01:54	



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-16      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<33.0U	ug/kg dry	2	33.0	33.0	BGE2066	06/03/2023 02:32	KRB
SW-8270	Acenaphthylene	A	<33.0U	ug/kg dry	2	33.0	33.0	BGE2066	06/03/2023 02:32	KRB
SW-8270	Anthracene	A	<33.0U	ug/kg dry	2	33.0	33.0	BGE2066	06/03/2023 02:32	KRB
SW-8270	Benzo(a)anthracene	A	<33.0U	ug/kg dry	2	33.0	33.0	BGE2066	06/03/2023 02:32	KRB
SW-8270	Benzo(a)pyrene	A	<33.0U	ug/kg dry	2	33.0	33.0	BGE2066	06/03/2023 02:32	KRB
SW-8270	benzo(b&k)fluoranthene	A	<66.1U	ug/kg dry	2	66.1	66.1	BGE2066	06/03/2023 02:32	KRB
SW-8270	Benzo(g,h,i)perylene	A	<33.0U	ug/kg dry	2	33.0	33.0	BGE2066	06/03/2023 02:32	KRB
SW-8270	Chrysene	A	<33.0U	ug/kg dry	2	33.0	33.0	BGE2066	06/03/2023 02:32	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<33.0U	ug/kg dry	2	33.0	33.0	BGE2066	06/03/2023 02:32	KRB
SW-8270	Di-n-butyl phthalate	A	<33.0U	ug/kg dry	2	33.0	33.0	BGE2066	06/03/2023 02:32	KRB
SW-8270	Fluoranthene	A	<33.0U	ug/kg dry	2	33.0	33.0	BGE2066	06/03/2023 02:32	KRB
SW-8270	Fluorene	A	<33.0U	ug/kg dry	2	33.0	33.0	BGE2066	06/03/2023 02:32	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<33.0U	ug/kg dry	2	33.0	33.0	BGE2066	06/03/2023 02:32	KRB
SW-8270	Naphthalene	A	<33.0U	ug/kg dry	2	33.0	33.0	BGE2066	06/03/2023 02:32	KRB
SW-8270	Phenanthrene	A	<33.0U	ug/kg dry	2	33.0	33.0	BGE2066	06/03/2023 02:32	KRB
SW-8270	Pyrene	A	<33.0U	ug/kg dry	2	33.0	33.0	BGE2066	06/03/2023 02:32	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr		22.7% S	60-140					06/03/2023 02:32	
SW-8270	Surrogate: Nitrobenzene-d5-surr		82.7%	60-140					06/03/2023 02:32	
SW-8270	Surrogate: p-Terphenyl-d14-surr		23.9% S	60-140					06/03/2023 02:32	



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-17      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<39.2U	ug/kg dry	2	39.2	39.2	BGE2066	06/03/2023 03:07	KRB
SW-8270	Acenaphthylene	A	<39.2U	ug/kg dry	2	39.2	39.2	BGE2066	06/03/2023 03:07	KRB
SW-8270	Anthracene	A	<39.2U	ug/kg dry	2	39.2	39.2	BGE2066	06/03/2023 03:07	KRB
SW-8270	Benzo(a)anthracene	A	<39.2U	ug/kg dry	2	39.2	39.2	BGE2066	06/03/2023 03:07	KRB
SW-8270	Benzo(a)pyrene	A	<39.2U	ug/kg dry	2	39.2	39.2	BGE2066	06/03/2023 03:07	KRB
SW-8270	benzo(b&k)fluoranthene	A	<78.5U	ug/kg dry	2	78.5	78.5	BGE2066	06/03/2023 03:07	KRB
SW-8270	Benzo(g,h,i)perylene	A	<39.2U	ug/kg dry	2	39.2	39.2	BGE2066	06/03/2023 03:07	KRB
SW-8270	Chrysene	A	<39.2U	ug/kg dry	2	39.2	39.2	BGE2066	06/03/2023 03:07	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<39.2U	ug/kg dry	2	39.2	39.2	BGE2066	06/03/2023 03:07	KRB
SW-8270	Di-n-butyl phthalate	A	<39.2U	ug/kg dry	2	39.2	39.2	BGE2066	06/03/2023 03:07	KRB
SW-8270	Fluoranthene	A	<39.2U	ug/kg dry	2	39.2	39.2	BGE2066	06/03/2023 03:07	KRB
SW-8270	Fluorene	A	<39.2U	ug/kg dry	2	39.2	39.2	BGE2066	06/03/2023 03:07	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<39.2U	ug/kg dry	2	39.2	39.2	BGE2066	06/03/2023 03:07	KRB
SW-8270	Naphthalene	A	<39.2U	ug/kg dry	2	39.2	39.2	BGE2066	06/03/2023 03:07	KRB
SW-8270	Phenanthrene	A	<39.2U	ug/kg dry	2	39.2	39.2	BGE2066	06/03/2023 03:07	KRB
SW-8270	Pyrene	A	<39.2U	ug/kg dry	2	39.2	39.2	BGE2066	06/03/2023 03:07	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr		47.6% S	60-140					06/03/2023 03:07	
SW-8270	Surrogate: Nitrobenzene-d5-surr		131%	60-140					06/03/2023 03:07	
SW-8270	Surrogate: p-Terphenyl-d14-surr		52.2% S	60-140					06/03/2023 03:07	





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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-18      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<34.7U	ug/kg dry	2	34.7	34.7	BGE2066	06/03/2023 03:41	KRB
SW-8270	Acenaphthylene	A	<34.7U	ug/kg dry	2	34.7	34.7	BGE2066	06/03/2023 03:41	KRB
SW-8270	Anthracene	A	<34.7U	ug/kg dry	2	34.7	34.7	BGE2066	06/03/2023 03:41	KRB
SW-8270	Di-n-butyl phthalate	A	<34.7U	ug/kg dry	2	34.7	34.7	BGE2066	06/03/2023 03:41	KRB
SW-8270	Fluoranthene	A	<34.7U	ug/kg dry	2	34.7	34.7	BGE2066	06/03/2023 03:41	KRB
SW-8270	Fluorene	A	<34.7U	ug/kg dry	2	34.7	34.7	BGE2066	06/03/2023 03:41	KRB
SW-8270	Naphthalene	A	<34.7U	ug/kg dry	2	34.7	34.7	BGE2066	06/03/2023 03:41	KRB
SW-8270	Phenanthrene	A	<34.7U	ug/kg dry	2	34.7	34.7	BGE2066	06/03/2023 03:41	KRB
SW-8270	Pyrene	A	<34.7U	ug/kg dry	2	34.7	34.7	BGE2066	06/03/2023 03:41	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr		50.3% S	60-140					06/03/2023 03:41	
SW-8270	Surrogate: Nitrobenzene-d5-surr		135%	60-140					06/03/2023 03:41	
SW-8270	Surrogate: p-Terphenyl-d14-surr		16.6% S	60-140					06/03/2023 03:41	



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-18RE1      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)pyrene (Rerun)	A	<34.7U	ug/kg dry	2	34.7	34.7	BGE2066	06/07/2023 01:53	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<69.4U	ug/kg dry	2	69.4	69.4	BGE2066	06/07/2023 01:53	KRB
SW-8270	Benzo(a)anthracene & Chrysene (Rerun)	N	<69.4U	ug/kg dry	2	69.4	69.4	BGE2066	06/07/2023 01:53	KRB
SW-8270	Benzo(g,h,i)perylene (Rerun)	A	<34.7U	ug/kg dry	2	34.7	34.7	BGE2066	06/07/2023 01:53	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<34.7U	ug/kg dry	2	34.7	34.7	BGE2066	06/07/2023 01:53	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<34.7U	ug/kg dry	2	34.7	34.7	BGE2066	06/07/2023 01:53	KRB
<hr/>										
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		49.7% S	60-140					06/07/2023 01:53	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		94.4%	60-140					06/07/2023 01:53	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		37.8% S	60-140					06/07/2023 01:53	



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-19      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<31.9U	ug/kg dry	2	31.9	31.9	BGE2066	06/03/2023 04:16	KRB
SW-8270	Acenaphthylene	A	<31.9U	ug/kg dry	2	31.9	31.9	BGE2066	06/03/2023 04:16	KRB
SW-8270	Anthracene	A	<31.9U	ug/kg dry	2	31.9	31.9	BGE2066	06/03/2023 04:16	KRB
SW-8270	Di-n-butyl phthalate	A	<31.9U	ug/kg dry	2	31.9	31.9	BGE2066	06/03/2023 04:16	KRB
SW-8270	Fluoranthene	A	<31.9U	ug/kg dry	2	31.9	31.9	BGE2066	06/03/2023 04:16	KRB
SW-8270	Fluorene	A	<31.9U	ug/kg dry	2	31.9	31.9	BGE2066	06/03/2023 04:16	KRB
SW-8270	Naphthalene	A	<31.9U	ug/kg dry	2	31.9	31.9	BGE2066	06/03/2023 04:16	KRB
SW-8270	Phenanthrene	A	<31.9U	ug/kg dry	2	31.9	31.9	BGE2066	06/03/2023 04:16	KRB
SW-8270	Pyrene	A	<31.9U	ug/kg dry	2	31.9	31.9	BGE2066	06/03/2023 04:16	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		58.9% S	60-140					06/03/2023 04:16	
SW-8270	Surrogate: Nitrobenzene-d5-surr		158% S	60-140					06/03/2023 04:16	
SW-8270	Surrogate: p-Terphenyl-d14-surr		32.6% S	60-140					06/03/2023 04:16	

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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/21/2023 16:06

**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-4  
Lab Sample ID: 23E2845-19RE1  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)pyrene (Rerun)	A	<31.9U	ug/kg dry	2	31.9	31.9	BGE2066	06/07/2023 02:28	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<63.9U	ug/kg dry	2	63.9	63.9	BGE2066	06/07/2023 02:28	KRB
SW-8270	Benzo(a)anthracene & Chrysene (Rerun)	N	<63.9U	ug/kg dry	2	63.9	63.9	BGE2066	06/07/2023 02:28	KRB
SW-8270	Benzo(g,h,i)perylene (Rerun)	A	<31.9U	ug/kg dry	2	31.9	31.9	BGE2066	06/07/2023 02:28	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<31.9U	ug/kg dry	2	31.9	31.9	BGE2066	06/07/2023 02:28	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<31.9U	ug/kg dry	2	31.9	31.9	BGE2066	06/07/2023 02:28	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		61.3%	60-140					06/07/2023 02:28	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		114%	60-140					06/07/2023 02:28	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		48.0% S	60-140					06/07/2023 02:28	



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-20      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<38.5U	ug/kg dry	2	38.5	38.5	BGE2066	06/03/2023 04:51	KRB
SW-8270	Acenaphthylene	A	<38.5U	ug/kg dry	2	38.5	38.5	BGE2066	06/03/2023 04:51	KRB
SW-8270	Anthracene	A	<38.5U	ug/kg dry	2	38.5	38.5	BGE2066	06/03/2023 04:51	KRB
SW-8270	Di-n-butyl phthalate	A	<38.5U	ug/kg dry	2	38.5	38.5	BGE2066	06/03/2023 04:51	KRB
SW-8270	Fluoranthene	A	<38.5U	ug/kg dry	2	38.5	38.5	BGE2066	06/03/2023 04:51	KRB
SW-8270	Fluorene	A	<38.5U	ug/kg dry	2	38.5	38.5	BGE2066	06/03/2023 04:51	KRB
SW-8270	Naphthalene	A	<38.5U	ug/kg dry	2	38.5	38.5	BGE2066	06/03/2023 04:51	KRB
SW-8270	Phenanthrene	A	<38.5U	ug/kg dry	2	38.5	38.5	BGE2066	06/03/2023 04:51	KRB
SW-8270	Pyrene	A	<38.5U	ug/kg dry	2	38.5	38.5	BGE2066	06/03/2023 04:51	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr		55.9% S	60-140					06/03/2023 04:51	
SW-8270	Surrogate: Nitrobenzene-d5-surr		127%	60-140					06/03/2023 04:51	
SW-8270	Surrogate: p-Terphenyl-d14-surr		53.1% S	60-140					06/03/2023 04:51	



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-20RE1      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)pyrene (Rerun)	A	<38.5U	ug/kg dry	2	38.5	38.5	BGE2066	06/07/2023 03:02	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<76.9U	ug/kg dry	2	76.9	76.9	BGE2066	06/07/2023 03:02	KRB
SW-8270	Benzo(a)anthracene & Chrysene (Rerun)	N	<76.9U	ug/kg dry	2	76.9	76.9	BGE2066	06/07/2023 03:02	KRB
SW-8270	Benzo(g,h,i)perylene (Rerun)	A	<38.5U	ug/kg dry	2	38.5	38.5	BGE2066	06/07/2023 03:02	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<38.5U	ug/kg dry	2	38.5	38.5	BGE2066	06/07/2023 03:02	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<38.5U	ug/kg dry	2	38.5	38.5	BGE2066	06/07/2023 03:02	KRB
<hr/>										
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		58.1% S	60-140					06/07/2023 03:02	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		91.4%	60-140					06/07/2023 03:02	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		43.4% S	60-140					06/07/2023 03:02	

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Project Number:  
Project Manager: Gregg Pawlak

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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 5-1  
Lab Sample ID: 23E2845-21  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<17.8U	ug/kg dry	1	17.8	17.8	BGF1307	06/28/2023 02:29	KRB
SW-8270	Acenaphthylene	A	<17.8U	ug/kg dry	1	17.8	17.8	BGF1307	06/28/2023 02:29	KRB
SW-8270	Anthracene	A	<17.8U	ug/kg dry	1	17.8	17.8	BGF1307	06/28/2023 02:29	KRB
SW-8270	Benzo(a)anthracene	A	<17.8U	ug/kg dry	1	17.8	17.8	BGF1307	06/28/2023 02:29	KRB
SW-8270	Benzo(a)pyrene	A	<17.8U	ug/kg dry	1	17.8	17.8	BGF1307	06/28/2023 02:29	KRB
SW-8270	benzo(b&k)fluoranthene	A	<35.6U	ug/kg dry	1	35.6	35.6	BGF1307	06/28/2023 02:29	KRB
SW-8270	Benzo(g,h,i)perylene	A	<17.8U	ug/kg dry	1	17.8	17.8	BGF1307	06/28/2023 02:29	KRB
SW-8270	Chrysene	A	<17.8U	ug/kg dry	1	17.8	17.8	BGF1307	06/28/2023 02:29	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<17.8U	ug/kg dry	1	17.8	17.8	BGF1307	06/28/2023 02:29	KRB
SW-8270	Diethyl phthalate	A	44.2V	ug/kg dry	1	17.8	17.8	BGF1307	06/28/2023 02:29	KRB
SW-8270	Di-n-butyl phthalate	A	58.7V	ug/kg dry	1	17.8	17.8	BGF1307	06/28/2023 02:29	KRB
SW-8270	Fluoranthene	A	<17.8U	ug/kg dry	1	17.8	17.8	BGF1307	06/28/2023 02:29	KRB
SW-8270	Fluorene	A	<17.8U	ug/kg dry	1	17.8	17.8	BGF1307	06/28/2023 02:29	KRB
SW-8270	Hexachlorocyclopentadiene	A	<17.8U	ug/kg dry	1	17.8	17.8	BGF1307	06/28/2023 02:29	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<17.8U	ug/kg dry	1	17.8	17.8	BGF1307	06/28/2023 02:29	KRB
SW-8270	Naphthalene	A	<17.8U	ug/kg dry	1	17.8	17.8	BGF1307	06/28/2023 02:29	KRB
SW-8270	Phenanthrene	A	<17.8U	ug/kg dry	1	17.8	17.8	BGF1307	06/28/2023 02:29	KRB
SW-8270	Pyrene	A	<17.8U	ug/kg dry	1	17.8	17.8	BGF1307	06/28/2023 02:29	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		51.9% S	60-140					06/28/2023 02:29	
SW-8270	Surrogate: Nitrobenzene-d5-surr		142% S	60-140					06/28/2023 02:29	
SW-8270	Surrogate: p-Terphenyl-d14-surr		34.9% S	60-140					06/28/2023 02:29	



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 5-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-22      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<18.1U	ug/kg dry	1	18.1	18.1	BGF1307	06/28/2023 03:03	KRB
SW-8270	Acenaphthylene	A	<18.1U	ug/kg dry	1	18.1	18.1	BGF1307	06/28/2023 03:03	KRB
SW-8270	Anthracene	A	<18.1U	ug/kg dry	1	18.1	18.1	BGF1307	06/28/2023 03:03	KRB
SW-8270	Benzo(a)anthracene	A	<18.1U	ug/kg dry	1	18.1	18.1	BGF1307	06/28/2023 03:03	KRB
SW-8270	Benzo(a)pyrene	A	<18.1U	ug/kg dry	1	18.1	18.1	BGF1307	06/28/2023 03:03	KRB
SW-8270	benzo(b&k)fluoranthene	A	<36.2U	ug/kg dry	1	36.2	36.2	BGF1307	06/28/2023 03:03	KRB
SW-8270	Benzo(g,h,i)perylene	A	<18.1U	ug/kg dry	1	18.1	18.1	BGF1307	06/28/2023 03:03	KRB
SW-8270	Chrysene	A	<18.1U	ug/kg dry	1	18.1	18.1	BGF1307	06/28/2023 03:03	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<18.1U	ug/kg dry	1	18.1	18.1	BGF1307	06/28/2023 03:03	KRB
SW-8270	Diethyl phthalate	A	37.5V	ug/kg dry	1	18.1	18.1	BGF1307	06/28/2023 03:03	KRB
SW-8270	Di-n-butyl phthalate	A	35.9V	ug/kg dry	1	18.1	18.1	BGF1307	06/28/2023 03:03	KRB
SW-8270	Fluoranthene	A	<18.1U	ug/kg dry	1	18.1	18.1	BGF1307	06/28/2023 03:03	KRB
SW-8270	Fluorene	A	<18.1U	ug/kg dry	1	18.1	18.1	BGF1307	06/28/2023 03:03	KRB
SW-8270	Hexachlorocyclopentadiene	A	<18.1U	ug/kg dry	1	18.1	18.1	BGF1307	06/28/2023 03:03	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<18.1U	ug/kg dry	1	18.1	18.1	BGF1307	06/28/2023 03:03	KRB
SW-8270	Naphthalene	A	<18.1U	ug/kg dry	1	18.1	18.1	BGF1307	06/28/2023 03:03	KRB
SW-8270	Phenanthrene	A	<18.1U	ug/kg dry	1	18.1	18.1	BGF1307	06/28/2023 03:03	KRB
SW-8270	Pyrene	A	<18.1U	ug/kg dry	1	18.1	18.1	BGF1307	06/28/2023 03:03	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		66.7%	60-140					06/28/2023 03:03	
SW-8270	Surrogate: Nitrobenzene-d5-surr		148% S	60-140					06/28/2023 03:03	
SW-8270	Surrogate: p-Terphenyl-d14-surr		38.5% S	60-140					06/28/2023 03:03	





Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 5-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-23      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<16.9U	ug/kg dry	1	16.9	16.9	BGF1307	06/28/2023 03:38	KRB
SW-8270	Acenaphthylene	A	<16.9U	ug/kg dry	1	16.9	16.9	BGF1307	06/28/2023 03:38	KRB
SW-8270	Anthracene	A	<16.9U	ug/kg dry	1	16.9	16.9	BGF1307	06/28/2023 03:38	KRB
SW-8270	Benzo(a)anthracene	A	<16.9U	ug/kg dry	1	16.9	16.9	BGF1307	06/28/2023 03:38	KRB
SW-8270	Benzo(a)pyrene	A	<16.9U	ug/kg dry	1	16.9	16.9	BGF1307	06/28/2023 03:38	KRB
SW-8270	benzo(b&k)fluoranthene	A	<33.8U	ug/kg dry	1	33.8	33.8	BGF1307	06/28/2023 03:38	KRB
SW-8270	Benzo(g,h,i)perylene	A	<16.9U	ug/kg dry	1	16.9	16.9	BGF1307	06/28/2023 03:38	KRB
SW-8270	Chrysene	A	<16.9U	ug/kg dry	1	16.9	16.9	BGF1307	06/28/2023 03:38	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<16.9U	ug/kg dry	1	16.9	16.9	BGF1307	06/28/2023 03:38	KRB
SW-8270	Diethyl phthalate	A	21.1V	ug/kg dry	1	16.9	16.9	BGF1307	06/28/2023 03:38	KRB
SW-8270	Di-n-butyl phthalate	A	31.0V	ug/kg dry	1	16.9	16.9	BGF1307	06/28/2023 03:38	KRB
SW-8270	Fluoranthene	A	<16.9U	ug/kg dry	1	16.9	16.9	BGF1307	06/28/2023 03:38	KRB
SW-8270	Fluorene	A	<16.9U	ug/kg dry	1	16.9	16.9	BGF1307	06/28/2023 03:38	KRB
SW-8270	Hexachlorocyclopentadiene	A	<16.9U	ug/kg dry	1	16.9	16.9	BGF1307	06/28/2023 03:38	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<16.9U	ug/kg dry	1	16.9	16.9	BGF1307	06/28/2023 03:38	KRB
SW-8270	Naphthalene	A	<16.9U	ug/kg dry	1	16.9	16.9	BGF1307	06/28/2023 03:38	KRB
SW-8270	Phenanthrene	A	<16.9U	ug/kg dry	1	16.9	16.9	BGF1307	06/28/2023 03:38	KRB
SW-8270	Pyrene	A	<16.9U	ug/kg dry	1	16.9	16.9	BGF1307	06/28/2023 03:38	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr		74.8%	60-140					06/28/2023 03:38	
SW-8270	Surrogate: Nitrobenzene-d5-surr		160% S	60-140					06/28/2023 03:38	
SW-8270	Surrogate: p-Terphenyl-d14-surr		26.2% S	60-140					06/28/2023 03:38	



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 5-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-24      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<16.6U	ug/kg dry	1	16.6	16.6	BGF1307	06/28/2023 04:13	KRB
SW-8270	Acenaphthylene	A	<16.6U	ug/kg dry	1	16.6	16.6	BGF1307	06/28/2023 04:13	KRB
SW-8270	Anthracene	A	<16.6U	ug/kg dry	1	16.6	16.6	BGF1307	06/28/2023 04:13	KRB
SW-8270	Benzo(a)anthracene	A	<16.6U	ug/kg dry	1	16.6	16.6	BGF1307	06/28/2023 04:13	KRB
SW-8270	Benzo(a)pyrene	A	<16.6U	ug/kg dry	1	16.6	16.6	BGF1307	06/28/2023 04:13	KRB
SW-8270	benzo(b&k)fluoranthene	A	<33.2U	ug/kg dry	1	33.2	33.2	BGF1307	06/28/2023 04:13	KRB
SW-8270	Benzo(g,h,i)perylene	A	<16.6U	ug/kg dry	1	16.6	16.6	BGF1307	06/28/2023 04:13	KRB
SW-8270	Chrysene	A	<16.6U	ug/kg dry	1	16.6	16.6	BGF1307	06/28/2023 04:13	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<16.6U	ug/kg dry	1	16.6	16.6	BGF1307	06/28/2023 04:13	KRB
SW-8270	Diethyl phthalate	A	31.6V	ug/kg dry	1	16.6	16.6	BGF1307	06/28/2023 04:13	KRB
SW-8270	Di-n-butyl phthalate	A	34.0V	ug/kg dry	1	16.6	16.6	BGF1307	06/28/2023 04:13	KRB
SW-8270	Fluoranthene	A	<16.6U	ug/kg dry	1	16.6	16.6	BGF1307	06/28/2023 04:13	KRB
SW-8270	Fluorene	A	<16.6U	ug/kg dry	1	16.6	16.6	BGF1307	06/28/2023 04:13	KRB
SW-8270	Hexachlorocyclopentadiene	A	97.8	ug/kg dry	1	16.6	16.6	BGF1307	06/28/2023 04:13	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<16.6U	ug/kg dry	1	16.6	16.6	BGF1307	06/28/2023 04:13	KRB
SW-8270	Naphthalene	A	<16.6U	ug/kg dry	1	16.6	16.6	BGF1307	06/28/2023 04:13	KRB
SW-8270	Phenanthrene	A	<16.6U	ug/kg dry	1	16.6	16.6	BGF1307	06/28/2023 04:13	KRB
SW-8270	Pyrene	A	<16.6U	ug/kg dry	1	16.6	16.6	BGF1307	06/28/2023 04:13	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr		88.1%	60-140					06/28/2023 04:13	
SW-8270	Surrogate: Nitrobenzene-d5-surr		173% S	60-140					06/28/2023 04:13	
SW-8270	Surrogate: p-Terphenyl-d14-surr		38.6% S	60-140					06/28/2023 04:13	

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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/21/2023 16:06

**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 5-5  
Lab Sample ID: 23E2845-25  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<18.7U	ug/kg dry	1	18.7	18.7	BGF1307	06/28/2023 04:48	KRB
SW-8270	Acenaphthylene	A	<18.7U	ug/kg dry	1	18.7	18.7	BGF1307	06/28/2023 04:48	KRB
SW-8270	Anthracene	A	<18.7U	ug/kg dry	1	18.7	18.7	BGF1307	06/28/2023 04:48	KRB
SW-8270	Benzo(a)anthracene	A	<18.7U	ug/kg dry	1	18.7	18.7	BGF1307	06/28/2023 04:48	KRB
SW-8270	Benzo(a)pyrene	A	<18.7U	ug/kg dry	1	18.7	18.7	BGF1307	06/28/2023 04:48	KRB
SW-8270	benzo(b&k)fluoranthene	A	<37.5U	ug/kg dry	1	37.5	37.5	BGF1307	06/28/2023 04:48	KRB
SW-8270	Benzo(g,h,i)perylene	A	<18.7U	ug/kg dry	1	18.7	18.7	BGF1307	06/28/2023 04:48	KRB
SW-8270	Chrysene	A	<18.7U	ug/kg dry	1	18.7	18.7	BGF1307	06/28/2023 04:48	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<18.7U	ug/kg dry	1	18.7	18.7	BGF1307	06/28/2023 04:48	KRB
SW-8270	Diethyl phthalate	A	48.6V	ug/kg dry	1	18.7	18.7	BGF1307	06/28/2023 04:48	KRB
SW-8270	Di-n-butyl phthalate	A	37.1V	ug/kg dry	1	18.7	18.7	BGF1307	06/28/2023 04:48	KRB
SW-8270	Fluoranthene	A	<18.7U	ug/kg dry	1	18.7	18.7	BGF1307	06/28/2023 04:48	KRB
SW-8270	Fluorene	A	<18.7U	ug/kg dry	1	18.7	18.7	BGF1307	06/28/2023 04:48	KRB
SW-8270	Hexachlorocyclopentadiene	A	<18.7U	ug/kg dry	1	18.7	18.7	BGF1307	06/28/2023 04:48	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<18.7U	ug/kg dry	1	18.7	18.7	BGF1307	06/28/2023 04:48	KRB
SW-8270	Naphthalene	A	<18.7U	ug/kg dry	1	18.7	18.7	BGF1307	06/28/2023 04:48	KRB
SW-8270	Phenanthrene	A	<18.7U	ug/kg dry	1	18.7	18.7	BGF1307	06/28/2023 04:48	KRB
SW-8270	Pyrene	A	<18.7U	ug/kg dry	1	18.7	18.7	BGF1307	06/28/2023 04:48	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		78.6%	60-140					06/28/2023 04:48	
SW-8270	Surrogate: Nitrobenzene-d5-surr		162% S	60-140					06/28/2023 04:48	
SW-8270	Surrogate: p-Terphenyl-d14-surr		35.0% S	60-140					06/28/2023 04:48	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 6-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-26      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	22.1	ug/kg dry	1	22.0	22.0	BGF1571	06/30/2023 03:44	KRB
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>129%</i>	<i>60-140</i>					<i>06/30/2023 03:44</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>189% S</i>	<i>60-140</i>					<i>06/30/2023 03:44</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>73.6%</i>	<i>60-140</i>					<i>06/30/2023 03:44</i>	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 6-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-27      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	94.1	ug/kg dry	1	16.4	16.4	BGF1571	06/30/2023 04:19	KRB
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>106%</i>	<i>60-140</i>					<i>06/30/2023 04:19</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>174% S</i>	<i>60-140</i>					<i>06/30/2023 04:19</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>85.2%</i>	<i>60-140</i>					<i>06/30/2023 04:19</i>	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 6-3	Sample Matrix: Tissue
Lab Sample ID: 23E2845-28	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	85.7	ug/kg dry	1	17.3	17.3	BGF1571	06/30/2023 04:54	KRB
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>116%</i>	<i>60-140</i>					<i>06/30/2023 04:54</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>176% S</i>	<i>60-140</i>					<i>06/30/2023 04:54</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>88.8%</i>	<i>60-140</i>					<i>06/30/2023 04:54</i>	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 6-4	Sample Matrix: Tissue
Lab Sample ID: 23E2845-29	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	36.3	ug/kg dry	1	17.6	17.6	BGF1571	07/13/2023 16:20	KRB
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>137%</i>	<i>60-140</i>					<i>07/13/2023 16:20</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>262% S</i>	<i>60-140</i>					<i>07/13/2023 16:20</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>61.9%</i>	<i>60-140</i>					<i>07/13/2023 16:20</i>	



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Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 6-5  
 Lab Sample ID: 23E2845-30  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	70.3	ug/kg dry	1	17.4	17.4	BGF1571	07/06/2023 19:38	krb
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		180% S	60-140					07/06/2023 19:38	
SW-8270	Surrogate: Nitrobenzene-d5-surr		198% S	60-140					07/06/2023 19:38	
SW-8270	Surrogate: p-Terphenyl-d14-surr		125%	60-140					07/06/2023 19:38	





Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-31      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	60.5	ug/kg dry	2	35.6	35.6	BGE2066	06/03/2023 05:25	KRB
SW-8270	Acenaphthylene	A	<35.6U	ug/kg dry	2	35.6	35.6	BGE2066	06/03/2023 05:25	KRB
SW-8270	Anthracene	A	<35.6U	ug/kg dry	2	35.6	35.6	BGE2066	06/03/2023 05:25	KRB
SW-8270	Di-n-butyl phthalate	A	<35.6U	ug/kg dry	2	35.6	35.6	BGE2066	06/03/2023 05:25	KRB
SW-8270	Fluoranthene	A	81.7	ug/kg dry	2	35.6	35.6	BGE2066	06/03/2023 05:25	KRB
SW-8270	Fluorene	A	<35.6U	ug/kg dry	2	35.6	35.6	BGE2066	06/03/2023 05:25	KRB
SW-8270	Naphthalene	A	<35.6U	ug/kg dry	2	35.6	35.6	BGE2066	06/03/2023 05:25	KRB
SW-8270	Phenanthrene	A	71.2	ug/kg dry	2	35.6	35.6	BGE2066	06/03/2023 05:25	KRB
SW-8270	Pyrene	A	40.8	ug/kg dry	2	35.6	35.6	BGE2066	06/03/2023 05:25	KRB
<hr/>										
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		45.0% S	60-140					06/03/2023 05:25	
SW-8270	Surrogate: Nitrobenzene-d5-surr		110%	60-140					06/03/2023 05:25	
SW-8270	Surrogate: p-Terphenyl-d14-surr		31.6% S	60-140					06/03/2023 05:25	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-31RE1      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)pyrene (Rerun)	A	<35.6U	ug/kg dry	2	35.6	35.6	BGE2066	06/07/2023 03:37	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<71.2U	ug/kg dry	2	71.2	71.2	BGE2066	06/07/2023 03:37	KRB
SW-8270	Benzo(a)anthracene & Chrysene (Rerun)	N	<71.2U	ug/kg dry	2	71.2	71.2	BGE2066	06/07/2023 03:37	KRB
SW-8270	Benzo(g,h,i)perylene (Rerun)	A	<35.6U	ug/kg dry	2	35.6	35.6	BGE2066	06/07/2023 03:37	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<35.6U	ug/kg dry	2	35.6	35.6	BGE2066	06/07/2023 03:37	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<35.6U	ug/kg dry	2	35.6	35.6	BGE2066	06/07/2023 03:37	KRB
<hr/>										
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		60.0%	60-140					06/07/2023 03:37	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		86.2%	60-140					06/07/2023 03:37	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		41.2% S	60-140					06/07/2023 03:37	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-32      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	81.6	ug/kg dry	2	44.4	44.4	BGE2066	06/03/2023 06:00	KRB
SW-8270	Acenaphthylene	A	<44.4U	ug/kg dry	2	44.4	44.4	BGE2066	06/03/2023 06:00	KRB
SW-8270	Anthracene	A	<44.4U	ug/kg dry	2	44.4	44.4	BGE2066	06/03/2023 06:00	KRB
SW-8270	Di-n-butyl phthalate	A	<44.4U	ug/kg dry	2	44.4	44.4	BGE2066	06/03/2023 06:00	KRB
SW-8270	Fluoranthene	A	170	ug/kg dry	2	44.4	44.4	BGE2066	06/03/2023 06:00	KRB
SW-8270	Fluorene	A	<44.4U	ug/kg dry	2	44.4	44.4	BGE2066	06/03/2023 06:00	KRB
SW-8270	Naphthalene	A	<44.4U	ug/kg dry	2	44.4	44.4	BGE2066	06/03/2023 06:00	KRB
SW-8270	Phenanthrene	A	74.5	ug/kg dry	2	44.4	44.4	BGE2066	06/03/2023 06:00	KRB
SW-8270	Pyrene	A	85.7	ug/kg dry	2	44.4	44.4	BGE2066	06/03/2023 06:00	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr		60.6%	60-140					06/03/2023 06:00	
SW-8270	Surrogate: Nitrobenzene-d5-surr		134%	60-140					06/03/2023 06:00	
SW-8270	Surrogate: p-Terphenyl-d14-surr		21.5% S	60-140					06/03/2023 06:00	

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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-2  
Lab Sample ID: 23E2845-32RE1  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)pyrene (Rerun)	A	<44.4U	ug/kg dry	2	44.4	44.4	BGE2066	06/07/2023 04:11	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<88.8U	ug/kg dry	2	88.8	88.8	BGE2066	06/07/2023 04:11	KRB
SW-8270	Benzo(a)anthracene & Chrysene (Rerun)	N	<88.8U	ug/kg dry	2	88.8	88.8	BGE2066	06/07/2023 04:11	KRB
SW-8270	Benzo(g,h,i)perylene (Rerun)	A	<44.4U	ug/kg dry	2	44.4	44.4	BGE2066	06/07/2023 04:11	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<44.4U	ug/kg dry	2	44.4	44.4	BGE2066	06/07/2023 04:11	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<44.4U	ug/kg dry	2	44.4	44.4	BGE2066	06/07/2023 04:11	KRB
<hr/>										
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		57.4% S	60-140					06/07/2023 04:11	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		102%	60-140					06/07/2023 04:11	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		35.1% S	60-140					06/07/2023 04:11	

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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-3  
Lab Sample ID: 23E2845-33  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<41.3U	ug/kg dry	2	41.3	41.3	BGE2066	06/07/2023 04:46	KRB
SW-8270	Acenaphthylene	A	<41.3U	ug/kg dry	2	41.3	41.3	BGE2066	06/07/2023 04:46	KRB
SW-8270	Anthracene	A	<41.3U	ug/kg dry	2	41.3	41.3	BGE2066	06/07/2023 04:46	KRB
SW-8270	Benzo(a)pyrene	A	<41.3U	ug/kg dry	2	41.3	41.3	BGE2066	06/07/2023 04:46	KRB
SW-8270	benzo(b&k)fluoranthene	A	<82.6U	ug/kg dry	2	82.6	82.6	BGE2066	06/07/2023 04:46	KRB
SW-8270	Benzo(a)anthracene & Chrysene	N	<82.6U	ug/kg dry	2	82.6	82.6	BGE2066	06/07/2023 04:46	KRB
SW-8270	Benzo(g,h,i)perylene	A	<41.3U	ug/kg dry	2	41.3	41.3	BGE2066	06/07/2023 04:46	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<41.3U	ug/kg dry	2	41.3	41.3	BGE2066	06/07/2023 04:46	KRB
SW-8270	Di-n-butyl phthalate	A	<41.3U	ug/kg dry	2	41.3	41.3	BGE2066	06/07/2023 04:46	KRB
SW-8270	Fluoranthene	A	75.3	ug/kg dry	2	41.3	41.3	BGE2066	06/07/2023 04:46	KRB
SW-8270	Fluorene	A	<41.3U	ug/kg dry	2	41.3	41.3	BGE2066	06/07/2023 04:46	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<41.3U	ug/kg dry	2	41.3	41.3	BGE2066	06/07/2023 04:46	KRB
SW-8270	Naphthalene	A	<41.3U	ug/kg dry	2	41.3	41.3	BGE2066	06/07/2023 04:46	KRB
SW-8270	Phenanthrene	A	<41.3U	ug/kg dry	2	41.3	41.3	BGE2066	06/07/2023 04:46	KRB
SW-8270	Pyrene	A	<41.3U	ug/kg dry	2	41.3	41.3	BGE2066	06/07/2023 04:46	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		50.7% S	60-140					06/07/2023 04:46	
SW-8270	Surrogate: Nitrobenzene-d5-surr		130%	60-140					06/07/2023 04:46	
SW-8270	Surrogate: p-Terphenyl-d14-surr		19.4% S	60-140					06/07/2023 04:46	

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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-4  
Lab Sample ID: 23E2845-34  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<99.8U	ug/kg dry	5	99.8	99.8	BGE2066	06/10/2023 06:27	KRB
SW-8270	Acenaphthylene	A	<99.8U	ug/kg dry	5	99.8	99.8	BGE2066	06/10/2023 06:27	KRB
SW-8270	Anthracene	A	<99.8U	ug/kg dry	5	99.8	99.8	BGE2066	06/10/2023 06:27	KRB
SW-8270	Benzo(a)anthracene	A	<99.8U	ug/kg dry	5	99.8	99.8	BGE2066	06/10/2023 06:27	KRB
SW-8270	Benzo(a)pyrene	A	<99.8U	ug/kg dry	5	99.8	99.8	BGE2066	06/10/2023 06:27	KRB
SW-8270	benzo(b&k)fluoranthene	A	<200U	ug/kg dry	5	200	200	BGE2066	06/10/2023 06:27	KRB
SW-8270	Benzo(g,h,i)perylene	A	<99.8U	ug/kg dry	5	99.8	99.8	BGE2066	06/10/2023 06:27	KRB
SW-8270	Chrysene	A	<99.8U	ug/kg dry	5	99.8	99.8	BGE2066	06/10/2023 06:27	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<99.8U	ug/kg dry	5	99.8	99.8	BGE2066	06/10/2023 06:27	KRB
SW-8270	Di-n-butyl phthalate	A	<99.8U	ug/kg dry	5	99.8	99.8	BGE2066	06/10/2023 06:27	KRB
SW-8270	Fluoranthene	A	<99.8U	ug/kg dry	5	99.8	99.8	BGE2066	06/10/2023 06:27	KRB
SW-8270	Fluorene	A	<99.8U	ug/kg dry	5	99.8	99.8	BGE2066	06/10/2023 06:27	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<99.8U	ug/kg dry	5	99.8	99.8	BGE2066	06/10/2023 06:27	KRB
SW-8270	Naphthalene	A	<99.8U	ug/kg dry	5	99.8	99.8	BGE2066	06/10/2023 06:27	KRB
SW-8270	Phenanthrene	A	<99.8U	ug/kg dry	5	99.8	99.8	BGE2066	06/10/2023 06:27	KRB
SW-8270	Pyrene	A	<99.8U	ug/kg dry	5	99.8	99.8	BGE2066	06/10/2023 06:27	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		50.5% S	60-140					06/10/2023 06:27	
SW-8270	Surrogate: Nitrobenzene-d5-surr		115%	60-140					06/10/2023 06:27	
SW-8270	Surrogate: p-Terphenyl-d14-surr		35.7% S	60-140					06/10/2023 06:27	

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11555 Clay Road  
Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-5  
Lab Sample ID: 23E2845-35  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<35.8U	ug/kg dry	2	35.8	35.8	BGE2066	06/07/2023 05:55	KRB
SW-8270	Acenaphthylene	A	<35.8U	ug/kg dry	2	35.8	35.8	BGE2066	06/07/2023 05:55	KRB
SW-8270	Anthracene	A	<35.8U	ug/kg dry	2	35.8	35.8	BGE2066	06/07/2023 05:55	KRB
SW-8270	Benzo(a)pyrene	A	<35.8U	ug/kg dry	2	35.8	35.8	BGE2066	06/07/2023 05:55	KRB
SW-8270	benzo(b&k)fluoranthene	A	<71.6U	ug/kg dry	2	71.6	71.6	BGE2066	06/07/2023 05:55	KRB
SW-8270	Benzo(a)anthracene & Chrysene	N	<71.6U	ug/kg dry	2	71.6	71.6	BGE2066	06/07/2023 05:55	KRB
SW-8270	Benzo(g,h,i)perylene	A	<35.8U	ug/kg dry	2	35.8	35.8	BGE2066	06/07/2023 05:55	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<35.8U	ug/kg dry	2	35.8	35.8	BGE2066	06/07/2023 05:55	KRB
SW-8270	Di-n-butyl phthalate	A	<35.8U	ug/kg dry	2	35.8	35.8	BGE2066	06/07/2023 05:55	KRB
SW-8270	Fluoranthene	A	57.6	ug/kg dry	2	35.8	35.8	BGE2066	06/07/2023 05:55	KRB
SW-8270	Fluorene	A	<35.8U	ug/kg dry	2	35.8	35.8	BGE2066	06/07/2023 05:55	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<35.8U	ug/kg dry	2	35.8	35.8	BGE2066	06/07/2023 05:55	KRB
SW-8270	Naphthalene	A	<35.8U	ug/kg dry	2	35.8	35.8	BGE2066	06/07/2023 05:55	KRB
SW-8270	Phenanthrene	A	<35.8U	ug/kg dry	2	35.8	35.8	BGE2066	06/07/2023 05:55	KRB
SW-8270	Pyrene	A	<35.8U	ug/kg dry	2	35.8	35.8	BGE2066	06/07/2023 05:55	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		55.6% S	60-140					06/07/2023 05:55	
SW-8270	Surrogate: Nitrobenzene-d5-surr		178% S	60-140					06/07/2023 05:55	
SW-8270	Surrogate: p-Terphenyl-d14-surr		26.1% S	60-140					06/07/2023 05:55	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 8-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-36      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGF1744	07/04/2023 00:23	KRB
SW-8270	Acenaphthylene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGF1744	07/04/2023 00:23	KRB
SW-8270	Anthracene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGF1744	07/04/2023 00:23	KRB
SW-8270	Benzo(a)anthracene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGF1744	07/04/2023 00:23	KRB
SW-8270	Benzo(a)pyrene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGF1744	07/04/2023 00:23	KRB
SW-8270	benzo(b&k)fluoranthene	A	<37.5U	ug/kg dry	1	37.5	37.5	BGF1744	07/04/2023 00:23	KRB
SW-8270	Benzo(g,h,i)perylene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGF1744	07/04/2023 00:23	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	<18.8B, U	ug/kg dry	1	18.8	18.8	BGF1744	07/04/2023 00:23	KRB
SW-8270	Chrysene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGF1744	07/04/2023 00:23	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGF1744	07/04/2023 00:23	KRB
SW-8270	Di-n-butyl phthalate	A	53.1V	ug/kg dry	1	18.8	18.8	BGF1744	07/04/2023 00:23	KRB
SW-8270	Fluoranthene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGF1744	07/04/2023 00:23	KRB
SW-8270	Fluorene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGF1744	07/04/2023 00:23	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGF1744	07/04/2023 00:23	KRB
SW-8270	Naphthalene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGF1744	07/04/2023 00:23	KRB
SW-8270	Phenanthrene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGF1744	07/04/2023 00:23	KRB
SW-8270	Pyrene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGF1744	07/04/2023 00:23	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		140%	60-140					07/04/2023 00:23	
SW-8270	Surrogate: Nitrobenzene-d5-surr		113%	60-140					07/04/2023 00:23	
SW-8270	Surrogate: p-Terphenyl-d14-surr		40.2% S	60-140					07/04/2023 00:23	





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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 8-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-37      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/04/2023 00:58	KRB
SW-8270	Acenaphthylene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/04/2023 00:58	KRB
SW-8270	Anthracene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/04/2023 00:58	KRB
SW-8270	Benzo(a)anthracene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/04/2023 00:58	KRB
SW-8270	Benzo(a)pyrene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/04/2023 00:58	KRB
SW-8270	benzo(b&k)fluoranthene	A	<35.1U	ug/kg dry	1	35.1	35.1	BGF1744	07/04/2023 00:58	KRB
SW-8270	Benzo(g,h,i)perylene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/04/2023 00:58	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	<17.5B, U	ug/kg dry	1	17.5	17.5	BGF1744	07/04/2023 00:58	KRB
SW-8270	Chrysene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/04/2023 00:58	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/04/2023 00:58	KRB
SW-8270	Di-n-butyl phthalate	A	39.1V	ug/kg dry	1	17.5	17.5	BGF1744	07/04/2023 00:58	KRB
SW-8270	Fluoranthene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/04/2023 00:58	KRB
SW-8270	Fluorene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/04/2023 00:58	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/04/2023 00:58	KRB
SW-8270	Naphthalene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/04/2023 00:58	KRB
SW-8270	Phenanthrene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/04/2023 00:58	KRB
SW-8270	Pyrene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/04/2023 00:58	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		158% S	60-140					07/04/2023 00:58	
SW-8270	Surrogate: Nitrobenzene-d5-surr		174% S	60-140					07/04/2023 00:58	
SW-8270	Surrogate: p-Terphenyl-d14-surr		37.7% S	60-140					07/04/2023 00:58	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 8-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-38      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<19.0U	ug/kg dry	1	19.0	19.0	BGF1744	07/01/2023 18:33	KRB
SW-8270	Acenaphthylene	A	<19.0U	ug/kg dry	1	19.0	19.0	BGF1744	07/01/2023 18:33	KRB
SW-8270	Anthracene	A	41.1	ug/kg dry	1	19.0	19.0	BGF1744	07/01/2023 18:33	KRB
SW-8270	Benzo(a)anthracene	A	<19.0U	ug/kg dry	1	19.0	19.0	BGF1744	07/01/2023 18:33	KRB
SW-8270	Benzo(a)pyrene	A	<19.0U	ug/kg dry	1	19.0	19.0	BGF1744	07/01/2023 18:33	KRB
SW-8270	benzo(b&k)fluoranthene	A	<38.0U	ug/kg dry	1	38.0	38.0	BGF1744	07/01/2023 18:33	KRB
SW-8270	Benzo(g,h,i)perylene	A	<19.0U	ug/kg dry	1	19.0	19.0	BGF1744	07/01/2023 18:33	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	<19.0B, U	ug/kg dry	1	19.0	19.0	BGF1744	07/01/2023 18:33	KRB
SW-8270	Chrysene	A	<19.0U	ug/kg dry	1	19.0	19.0	BGF1744	07/01/2023 18:33	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<19.0U	ug/kg dry	1	19.0	19.0	BGF1744	07/01/2023 18:33	KRB
SW-8270	Di-n-butyl phthalate	A	33.8V	ug/kg dry	1	19.0	19.0	BGF1744	07/01/2023 18:33	KRB
SW-8270	Fluoranthene	A	<19.0U	ug/kg dry	1	19.0	19.0	BGF1744	07/01/2023 18:33	KRB
SW-8270	Fluorene	A	<19.0U	ug/kg dry	1	19.0	19.0	BGF1744	07/01/2023 18:33	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<19.0U	ug/kg dry	1	19.0	19.0	BGF1744	07/01/2023 18:33	KRB
SW-8270	Naphthalene	A	<19.0U	ug/kg dry	1	19.0	19.0	BGF1744	07/01/2023 18:33	KRB
SW-8270	Phenanthrene	A	<19.0U	ug/kg dry	1	19.0	19.0	BGF1744	07/01/2023 18:33	KRB
SW-8270	Pyrene	A	<19.0U	ug/kg dry	1	19.0	19.0	BGF1744	07/01/2023 18:33	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		144% S	60-140					07/01/2023 18:33	
SW-8270	Surrogate: Nitrobenzene-d5-surr		230% S	60-140					07/01/2023 18:33	
SW-8270	Surrogate: p-Terphenyl-d14-surr		17.1% S	60-140					07/01/2023 18:33	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 8-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-39      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1744	07/01/2023 19:08	KRB
SW-8270	Acenaphthylene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1744	07/01/2023 19:08	KRB
SW-8270	Anthracene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1744	07/01/2023 19:08	KRB
SW-8270	Benzo(a)anthracene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1744	07/01/2023 19:08	KRB
SW-8270	Benzo(a)pyrene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1744	07/01/2023 19:08	KRB
SW-8270	benzo(b&k)fluoranthene	A	<43.2U	ug/kg dry	1	43.2	43.2	BGF1744	07/01/2023 19:08	KRB
SW-8270	Benzo(g,h,i)perylene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1744	07/01/2023 19:08	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	<21.6B, U	ug/kg dry	1	21.6	21.6	BGF1744	07/01/2023 19:08	KRB
SW-8270	Chrysene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1744	07/01/2023 19:08	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1744	07/01/2023 19:08	KRB
SW-8270	Di-n-butyl phtalate	A	92.8V	ug/kg dry	1	21.6	21.6	BGF1744	07/01/2023 19:08	KRB
SW-8270	Fluoranthene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1744	07/01/2023 19:08	KRB
SW-8270	Fluorene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1744	07/01/2023 19:08	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1744	07/01/2023 19:08	KRB
SW-8270	Naphthalene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1744	07/01/2023 19:08	KRB
SW-8270	Phenanthrene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1744	07/01/2023 19:08	KRB
SW-8270	Pyrene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1744	07/01/2023 19:08	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		156% S	60-140					07/01/2023 19:08	
SW-8270	Surrogate: Nitrobenzene-d5-surr		235% S	60-140					07/01/2023 19:08	
SW-8270	Surrogate: p-Terphenyl-d14-surr		84.0%	60-140					07/01/2023 19:08	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 8-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-40      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/01/2023 19:43	KRB
SW-8270	Acenaphthylene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/01/2023 19:43	KRB
SW-8270	Anthracene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/01/2023 19:43	KRB
SW-8270	Benzo(a)anthracene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/01/2023 19:43	KRB
SW-8270	Benzo(a)pyrene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/01/2023 19:43	KRB
SW-8270	benzo(b&k)fluoranthene	A	<35.0U	ug/kg dry	1	35.0	35.0	BGF1744	07/01/2023 19:43	KRB
SW-8270	Benzo(g,h,i)perylene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/01/2023 19:43	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	<17.5B, U	ug/kg dry	1	17.5	17.5	BGF1744	07/01/2023 19:43	KRB
SW-8270	Chrysene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/01/2023 19:43	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/01/2023 19:43	KRB
SW-8270	Di-n-butyl phthalate	A	32.7V	ug/kg dry	1	17.5	17.5	BGF1744	07/01/2023 19:43	KRB
SW-8270	Fluoranthene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/01/2023 19:43	KRB
SW-8270	Fluorene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/01/2023 19:43	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/01/2023 19:43	KRB
SW-8270	Naphthalene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/01/2023 19:43	KRB
SW-8270	Phenanthrene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/01/2023 19:43	KRB
SW-8270	Pyrene	A	<17.5U	ug/kg dry	1	17.5	17.5	BGF1744	07/01/2023 19:43	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		107%	60-140					07/01/2023 19:43	
SW-8270	Surrogate: Nitrobenzene-d5-surr		258% S	60-140					07/01/2023 19:43	
SW-8270	Surrogate: p-Terphenyl-d14-surr		23.8% S	60-140					07/01/2023 19:43	

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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 1-1  
Lab Sample ID: 23E2845-41  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<109U	ug/kg dry	5	109	109	BGE2066	06/10/2023 07:01	KRB
SW-8270	Acenaphthylene	A	<109U	ug/kg dry	5	109	109	BGE2066	06/10/2023 07:01	KRB
SW-8270	Anthracene	A	<109U	ug/kg dry	5	109	109	BGE2066	06/10/2023 07:01	KRB
SW-8270	Benzo(a)anthracene	A	<109U	ug/kg dry	5	109	109	BGE2066	06/10/2023 07:01	KRB
SW-8270	Benzo(a)pyrene	A	<109U	ug/kg dry	5	109	109	BGE2066	06/10/2023 07:01	KRB
SW-8270	benzo(b&k)fluoranthene	A	<219U	ug/kg dry	5	219	219	BGE2066	06/10/2023 07:01	KRB
SW-8270	Benzo(g,h,i)perylene	A	<109U	ug/kg dry	5	109	109	BGE2066	06/10/2023 07:01	KRB
SW-8270	Chrysene	A	<109U	ug/kg dry	5	109	109	BGE2066	06/10/2023 07:01	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<109U	ug/kg dry	5	109	109	BGE2066	06/10/2023 07:01	KRB
SW-8270	Di-n-butyl phthalate	A	<109U	ug/kg dry	5	109	109	BGE2066	06/10/2023 07:01	KRB
SW-8270	Fluoranthene	A	<109U	ug/kg dry	5	109	109	BGE2066	06/10/2023 07:01	KRB
SW-8270	Fluorene	A	<109U	ug/kg dry	5	109	109	BGE2066	06/10/2023 07:01	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<109U	ug/kg dry	5	109	109	BGE2066	06/10/2023 07:01	KRB
SW-8270	Naphthalene	A	<109U	ug/kg dry	5	109	109	BGE2066	06/10/2023 07:01	KRB
SW-8270	Phenanthrene	A	<109U	ug/kg dry	5	109	109	BGE2066	06/10/2023 07:01	KRB
SW-8270	Pyrene	A	<109U	ug/kg dry	5	109	109	BGE2066	06/10/2023 07:01	KRB
<hr/>										
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		41.5% S	60-140					06/10/2023 07:01	
SW-8270	Surrogate: Nitrobenzene-d5-surr		116%	60-140					06/10/2023 07:01	
SW-8270	Surrogate: p-Terphenyl-d14-surr		30.0% S	60-140					06/10/2023 07:01	



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Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

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**Sample Results**  
 (Continued)

Client Sample ID: NV-HI-DMMU 1-2  
 Lab Sample ID: 23E2845-42  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 13:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<40.8U	ug/kg dry	2	40.8	40.8	BGE2066	06/07/2023 07:04	KRB
SW-8270	Acenaphthylene	A	<40.8U	ug/kg dry	2	40.8	40.8	BGE2066	06/07/2023 07:04	KRB
SW-8270	Anthracene	A	<40.8U	ug/kg dry	2	40.8	40.8	BGE2066	06/07/2023 07:04	KRB
SW-8270	Benzo(a)pyrene	A	<40.8U	ug/kg dry	2	40.8	40.8	BGE2066	06/07/2023 07:04	KRB
SW-8270	benzo(b&k)fluoranthene	A	<81.5U	ug/kg dry	2	81.5	81.5	BGE2066	06/07/2023 07:04	KRB
SW-8270	Benzo(a)anthracene & Chrysene	N	<81.5U	ug/kg dry	2	81.5	81.5	BGE2066	06/07/2023 07:04	KRB
SW-8270	Benzo(g,h,i)perylene	A	<40.8U	ug/kg dry	2	40.8	40.8	BGE2066	06/07/2023 07:04	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<40.8U	ug/kg dry	2	40.8	40.8	BGE2066	06/07/2023 07:04	KRB
SW-8270	Di-n-butyl phthalate	A	<40.8U	ug/kg dry	2	40.8	40.8	BGE2066	06/07/2023 07:04	KRB
SW-8270	Fluoranthene	A	<40.8U	ug/kg dry	2	40.8	40.8	BGE2066	06/07/2023 07:04	KRB
SW-8270	Fluorene	A	<40.8U	ug/kg dry	2	40.8	40.8	BGE2066	06/07/2023 07:04	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<40.8U	ug/kg dry	2	40.8	40.8	BGE2066	06/07/2023 07:04	KRB
SW-8270	Naphthalene	A	<40.8U	ug/kg dry	2	40.8	40.8	BGE2066	06/07/2023 07:04	KRB
SW-8270	Phenanthrene	A	<40.8U	ug/kg dry	2	40.8	40.8	BGE2066	06/07/2023 07:04	KRB
SW-8270	Pyrene	A	<40.8U	ug/kg dry	2	40.8	40.8	BGE2066	06/07/2023 07:04	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		24.0% S	60-140					06/07/2023 07:04	
SW-8270	Surrogate: Nitrobenzene-d5-surr		108%	60-140					06/07/2023 07:04	
SW-8270	Surrogate: p-Terphenyl-d14-surr		18.8% S	60-140					06/07/2023 07:04	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 1-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-43      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<43.8U	ug/kg dry	2	43.8	43.8	BGE2066	06/07/2023 07:38	KRB
SW-8270	Acenaphthylene	A	<43.8U	ug/kg dry	2	43.8	43.8	BGE2066	06/07/2023 07:38	KRB
SW-8270	Anthracene	A	<43.8U	ug/kg dry	2	43.8	43.8	BGE2066	06/07/2023 07:38	KRB
SW-8270	Benzo(a)pyrene	A	<43.8U	ug/kg dry	2	43.8	43.8	BGE2066	06/07/2023 07:38	KRB
SW-8270	benzo(b&k)fluoranthene	A	<87.7U	ug/kg dry	2	87.7	87.7	BGE2066	06/07/2023 07:38	KRB
SW-8270	Benzo(a)anthracene & Chrysene	N	<87.7U	ug/kg dry	2	87.7	87.7	BGE2066	06/07/2023 07:38	KRB
SW-8270	Benzo(g,h,i)perylene	A	<43.8U	ug/kg dry	2	43.8	43.8	BGE2066	06/07/2023 07:38	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<43.8U	ug/kg dry	2	43.8	43.8	BGE2066	06/07/2023 07:38	KRB
SW-8270	Di-n-butyl phthalate	A	<43.8U	ug/kg dry	2	43.8	43.8	BGE2066	06/07/2023 07:38	KRB
SW-8270	Fluoranthene	A	<43.8U	ug/kg dry	2	43.8	43.8	BGE2066	06/07/2023 07:38	KRB
SW-8270	Fluorene	A	<43.8U	ug/kg dry	2	43.8	43.8	BGE2066	06/07/2023 07:38	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<43.8U	ug/kg dry	2	43.8	43.8	BGE2066	06/07/2023 07:38	KRB
SW-8270	Naphthalene	A	<43.8U	ug/kg dry	2	43.8	43.8	BGE2066	06/07/2023 07:38	KRB
SW-8270	Phenanthrene	A	<43.8U	ug/kg dry	2	43.8	43.8	BGE2066	06/07/2023 07:38	KRB
SW-8270	Pyrene	A	<43.8U	ug/kg dry	2	43.8	43.8	BGE2066	06/07/2023 07:38	KRB
<hr/>										
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		40.9% S	60-140					06/07/2023 07:38	
SW-8270	Surrogate: Nitrobenzene-d5-surr		111%	60-140					06/07/2023 07:38	
SW-8270	Surrogate: p-Terphenyl-d14-surr		31.7% S	60-140					06/07/2023 07:38	

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Project Manager: Gregg Pawlak

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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 1-4  
Lab Sample ID: 23E2845-44  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<40.6U	ug/kg dry	2	40.6	40.6	BGE2066	06/07/2023 08:13	KRB
SW-8270	Acenaphthylene	A	<40.6U	ug/kg dry	2	40.6	40.6	BGE2066	06/07/2023 08:13	KRB
SW-8270	Anthracene	A	<40.6U	ug/kg dry	2	40.6	40.6	BGE2066	06/07/2023 08:13	KRB
SW-8270	Benzo(a)pyrene	A	<40.6U	ug/kg dry	2	40.6	40.6	BGE2066	06/07/2023 08:13	KRB
SW-8270	benzo(b&k)fluoranthene	A	<81.1U	ug/kg dry	2	81.1	81.1	BGE2066	06/07/2023 08:13	KRB
SW-8270	Benzo(a)anthracene & Chrysene	N	<81.1U	ug/kg dry	2	81.1	81.1	BGE2066	06/07/2023 08:13	KRB
SW-8270	Benzo(g,h,i)perylene	A	<40.6U	ug/kg dry	2	40.6	40.6	BGE2066	06/07/2023 08:13	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<40.6U	ug/kg dry	2	40.6	40.6	BGE2066	06/07/2023 08:13	KRB
SW-8270	Di-n-butyl phthalate	A	<40.6U	ug/kg dry	2	40.6	40.6	BGE2066	06/07/2023 08:13	KRB
SW-8270	Fluoranthene	A	<40.6U	ug/kg dry	2	40.6	40.6	BGE2066	06/07/2023 08:13	KRB
SW-8270	Fluorene	A	<40.6U	ug/kg dry	2	40.6	40.6	BGE2066	06/07/2023 08:13	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<40.6U	ug/kg dry	2	40.6	40.6	BGE2066	06/07/2023 08:13	KRB
SW-8270	Naphthalene	A	<40.6U	ug/kg dry	2	40.6	40.6	BGE2066	06/07/2023 08:13	KRB
SW-8270	Phenanthrene	A	<40.6U	ug/kg dry	2	40.6	40.6	BGE2066	06/07/2023 08:13	KRB
SW-8270	Pyrene	A	<40.6U	ug/kg dry	2	40.6	40.6	BGE2066	06/07/2023 08:13	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		50.6% S	60-140					06/07/2023 08:13	
SW-8270	Surrogate: Nitrobenzene-d5-surr		122%	60-140					06/07/2023 08:13	
SW-8270	Surrogate: p-Terphenyl-d14-surr		18.5% S	60-140					06/07/2023 08:13	



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Project Number:  
Project Manager: Gregg Pawlak

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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 1-5  
Lab Sample ID: 23E2845-45  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<48.3U	ug/kg dry	2	48.3	48.3	BGE2066	06/07/2023 08:47	KRB
SW-8270	Acenaphthylene	A	<48.3U	ug/kg dry	2	48.3	48.3	BGE2066	06/07/2023 08:47	KRB
SW-8270	Anthracene	A	<48.3U	ug/kg dry	2	48.3	48.3	BGE2066	06/07/2023 08:47	KRB
SW-8270	Benzo(a)pyrene	A	<48.3U	ug/kg dry	2	48.3	48.3	BGE2066	06/07/2023 08:47	KRB
SW-8270	benzo(b&k)fluoranthene	A	<96.6U	ug/kg dry	2	96.6	96.6	BGE2066	06/07/2023 08:47	KRB
SW-8270	Benzo(a)anthracene & Chrysene	N	<96.6U	ug/kg dry	2	96.6	96.6	BGE2066	06/07/2023 08:47	KRB
SW-8270	Benzo(g,h,i)perylene	A	<48.3U	ug/kg dry	2	48.3	48.3	BGE2066	06/07/2023 08:47	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<48.3U	ug/kg dry	2	48.3	48.3	BGE2066	06/07/2023 08:47	KRB
SW-8270	Di-n-butyl phthalate	A	<48.3U	ug/kg dry	2	48.3	48.3	BGE2066	06/07/2023 08:47	KRB
SW-8270	Fluoranthene	A	<48.3U	ug/kg dry	2	48.3	48.3	BGE2066	06/07/2023 08:47	KRB
SW-8270	Fluorene	A	<48.3U	ug/kg dry	2	48.3	48.3	BGE2066	06/07/2023 08:47	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<48.3U	ug/kg dry	2	48.3	48.3	BGE2066	06/07/2023 08:47	KRB
SW-8270	Naphthalene	A	<48.3U	ug/kg dry	2	48.3	48.3	BGE2066	06/07/2023 08:47	KRB
SW-8270	Phenanthrene	A	<48.3U	ug/kg dry	2	48.3	48.3	BGE2066	06/07/2023 08:47	KRB
SW-8270	Pyrene	A	<48.3U	ug/kg dry	2	48.3	48.3	BGE2066	06/07/2023 08:47	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		55.6% S	60-140					06/07/2023 08:47	
SW-8270	Surrogate: Nitrobenzene-d5-surr		149% S	60-140					06/07/2023 08:47	
SW-8270	Surrogate: p-Terphenyl-d14-surr		44.4% S	60-140					06/07/2023 08:47	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-1	Sample Matrix: Tissue
Lab Sample ID: 23E2845-46	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	80.8	ug/kg dry	1	22.1	22.1	BGF1571	07/06/2023 20:12	krb
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		130%	60-140					07/06/2023 20:12	
SW-8270	Surrogate: Nitrobenzene-d5-surr		152% S	60-140					07/06/2023 20:12	
SW-8270	Surrogate: p-Terphenyl-d14-surr		92.4%	60-140					07/06/2023 20:12	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-47      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	95.3	ug/kg dry	1	21.6	21.6	BGF1571	07/06/2023 20:47	krb
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>102%</i>	<i>60-140</i>					<i>07/06/2023 20:47</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>154% S</i>	<i>60-140</i>					<i>07/06/2023 20:47</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>74.6%</i>	<i>60-140</i>					<i>07/06/2023 20:47</i>	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-48      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	91.7	ug/kg dry	1	22.5	22.5	BGF1571	07/06/2023 21:22	krb
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>123%</i>	<i>60-140</i>					<i>07/06/2023 21:22</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>179% S</i>	<i>60-140</i>					<i>07/06/2023 21:22</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>84.1%</i>	<i>60-140</i>					<i>07/06/2023 21:22</i>	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-4	Sample Matrix: Tissue
Lab Sample ID: 23E2845-49	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	121	ug/kg dry	1	21.2	21.2	BGF1571	07/06/2023 21:57	krb
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>116%</i>	<i>60-140</i>					<i>07/06/2023 21:57</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>189% S</i>	<i>60-140</i>					<i>07/06/2023 21:57</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>80.7%</i>	<i>60-140</i>					<i>07/06/2023 21:57</i>	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-5	Sample Matrix: Tissue
Lab Sample ID: 23E2845-50	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	101	ug/kg dry	1	21.2	21.2	BGF1571	07/06/2023 22:32	krb
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>105%</i>	<i>60-140</i>					<i>07/06/2023 22:32</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>171% S</i>	<i>60-140</i>					<i>07/06/2023 22:32</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>80.4%</i>	<i>60-140</i>					<i>07/06/2023 22:32</i>	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-51      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<41.5U	ug/kg dry	1	41.5	41.5	BGF1307	06/28/2023 05:23	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<20.8U	ug/kg dry	1	20.8	20.8	BGF1307	06/28/2023 05:23	KRB
SW-8270	Acenaphthene	A	<20.8U	ug/kg dry	1	20.8	20.8	BGF1307	06/28/2023 05:23	KRB
SW-8270	Acenaphthylene	A	<20.8U	ug/kg dry	1	20.8	20.8	BGF1307	06/28/2023 05:23	KRB
SW-8270	Anthracene	A	<20.8U	ug/kg dry	1	20.8	20.8	BGF1307	06/28/2023 05:23	KRB
SW-8270	Benzo(a)anthracene	A	<20.8U	ug/kg dry	1	20.8	20.8	BGF1307	06/28/2023 05:23	KRB
SW-8270	Benzo(a)pyrene	A	<20.8U	ug/kg dry	1	20.8	20.8	BGF1307	06/28/2023 05:23	KRB
SW-8270	benzo(b&k)fluoranthene	A	<41.5U	ug/kg dry	1	41.5	41.5	BGF1307	06/28/2023 05:23	KRB
SW-8270	Benzo(g,h,i)perylene	A	<20.8U	ug/kg dry	1	20.8	20.8	BGF1307	06/28/2023 05:23	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	124V	ug/kg dry	1	20.8	20.8	BGF1307	06/28/2023 05:23	KRB
SW-8270	Chrysene	A	<20.8U	ug/kg dry	1	20.8	20.8	BGF1307	06/28/2023 05:23	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<20.8U	ug/kg dry	1	20.8	20.8	BGF1307	06/28/2023 05:23	KRB
SW-8270	Di-n-butyl phthalate	A	35.1V	ug/kg dry	1	20.8	20.8	BGF1307	06/28/2023 05:23	KRB
SW-8270	Fluoranthene	A	<20.8U	ug/kg dry	1	20.8	20.8	BGF1307	06/28/2023 05:23	KRB
SW-8270	Fluorene	A	24.7	ug/kg dry	1	20.8	20.8	BGF1307	06/28/2023 05:23	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<20.8U	ug/kg dry	1	20.8	20.8	BGF1307	06/28/2023 05:23	KRB
SW-8270	Naphthalene	A	<20.8U	ug/kg dry	1	20.8	20.8	BGF1307	06/28/2023 05:23	KRB
SW-8270	Phenanthrene	A	53.8	ug/kg dry	1	20.8	20.8	BGF1307	06/28/2023 05:23	KRB
SW-8270	Pyrene	A	32.1	ug/kg dry	1	20.8	20.8	BGF1307	06/28/2023 05:23	KRB
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SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		6.53% S	60-140					06/28/2023 05:23	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		73.0%	60-140					06/28/2023 05:23	
SW-8270	Surrogate: 2-Fluorophenol-surr		57.2% S	60-140					06/28/2023 05:23	
SW-8270	Surrogate: Nitrobenzene-d5-surr		152% S	60-140					06/28/2023 05:23	
SW-8270	Surrogate: Phenol-d5-surr		81.7%	60-140					06/28/2023 05:23	
SW-8270	Surrogate: p-Terphenyl-d14-surr		57.1% S	60-140					06/28/2023 05:23	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-52      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<40.0U	ug/kg dry	1	40.0	40.0	BGF1307	06/28/2023 05:58	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<20.0U	ug/kg dry	1	20.0	20.0	BGF1307	06/28/2023 05:58	KRB
SW-8270	Acenaphthene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGF1307	06/28/2023 05:58	KRB
SW-8270	Acenaphthylene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGF1307	06/28/2023 05:58	KRB
SW-8270	Anthracene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGF1307	06/28/2023 05:58	KRB
SW-8270	Benzo(a)anthracene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGF1307	06/28/2023 05:58	KRB
SW-8270	Benzo(a)pyrene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGF1307	06/28/2023 05:58	KRB
SW-8270	benzo(b&k)fluoranthene	A	<40.0U	ug/kg dry	1	40.0	40.0	BGF1307	06/28/2023 05:58	KRB
SW-8270	Benzo(g,h,i)perylene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGF1307	06/28/2023 05:58	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	116V	ug/kg dry	1	20.0	20.0	BGF1307	06/28/2023 05:58	KRB
SW-8270	Chrysene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGF1307	06/28/2023 05:58	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGF1307	06/28/2023 05:58	KRB
SW-8270	Di-n-butyl phthalate	A	44.4V	ug/kg dry	1	20.0	20.0	BGF1307	06/28/2023 05:58	KRB
SW-8270	Fluoranthene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGF1307	06/28/2023 05:58	KRB
SW-8270	Fluorene	A	50.5	ug/kg dry	1	20.0	20.0	BGF1307	06/28/2023 05:58	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGF1307	06/28/2023 05:58	KRB
SW-8270	Naphthalene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGF1307	06/28/2023 05:58	KRB
SW-8270	Phenanthrene	A	71.3	ug/kg dry	1	20.0	20.0	BGF1307	06/28/2023 05:58	KRB
SW-8270	Pyrene	A	32.0	ug/kg dry	1	20.0	20.0	BGF1307	06/28/2023 05:58	KRB
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SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		7.23% S	60-140					06/28/2023 05:58	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		63.1%	60-140					06/28/2023 05:58	
SW-8270	Surrogate: 2-Fluorophenol-surr		52.2% S	60-140					06/28/2023 05:58	
SW-8270	Surrogate: Nitrobenzene-d5-surr		147% S	60-140					06/28/2023 05:58	
SW-8270	Surrogate: Phenol-d5-surr		77.3%	60-140					06/28/2023 05:58	
SW-8270	Surrogate: p-Terphenyl-d14-surr		53.7% S	60-140					06/28/2023 05:58	





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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-53      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<43.2U	ug/kg dry	1	43.2	43.2	BGF1307	06/28/2023 06:33	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1307	06/28/2023 06:33	KRB
SW-8270	Acenaphthene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1307	06/28/2023 06:33	KRB
SW-8270	Acenaphthylene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1307	06/28/2023 06:33	KRB
SW-8270	Anthracene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1307	06/28/2023 06:33	KRB
SW-8270	Benzo(a)anthracene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1307	06/28/2023 06:33	KRB
SW-8270	Benzo(a)pyrene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1307	06/28/2023 06:33	KRB
SW-8270	benzo(b&k)fluoranthene	A	<43.2U	ug/kg dry	1	43.2	43.2	BGF1307	06/28/2023 06:33	KRB
SW-8270	Benzo(g,h,i)perylene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1307	06/28/2023 06:33	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	88.7V	ug/kg dry	1	21.6	21.6	BGF1307	06/28/2023 06:33	KRB
SW-8270	Di-n-butyl phthalate	A	34.2V	ug/kg dry	1	21.6	21.6	BGF1307	06/28/2023 06:33	KRB
SW-8270	Fluoranthene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1307	06/28/2023 06:33	KRB
SW-8270	Fluorene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1307	06/28/2023 06:33	KRB
SW-8270	Naphthalene	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1307	06/28/2023 06:33	KRB
SW-8270	Phenanthrene	A	50.0	ug/kg dry	1	21.6	21.6	BGF1307	06/28/2023 06:33	KRB
SW-8270	Pyrene	A	33.2	ug/kg dry	1	21.6	21.6	BGF1307	06/28/2023 06:33	KRB
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SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		6.77% S	60-140					06/28/2023 06:33	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		73.7%	60-140					06/28/2023 06:33	
SW-8270	Surrogate: 2-Fluorophenol-surr		53.8% S	60-140					06/28/2023 06:33	
SW-8270	Surrogate: Nitrobenzene-d5-surr		145% S	60-140					06/28/2023 06:33	
SW-8270	Surrogate: Phenol-d5-surr		78.9%	60-140					06/28/2023 06:33	
SW-8270	Surrogate: p-Terphenyl-d14-surr		51.4% S	60-140					06/28/2023 06:33	



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Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
 (Continued)

Client Sample ID: NV-HI-DMMU 3-3  
 Lab Sample ID: 23E2845-53RE1  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 13:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Chrysene (Rerun)	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1307	07/03/2023 20:18	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1307	07/03/2023 20:18	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<21.6U	ug/kg dry	1	21.6	21.6	BGF1307	07/03/2023 20:18	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		53.4% S	60-140					07/03/2023 20:18	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		48.9% S	60-140					07/03/2023 20:18	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		43.7% S	60-140					07/03/2023 20:18	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-54      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<45.7U	ug/kg dry	1	45.7	45.7	BGF1307	06/28/2023 07:08	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<22.9U	ug/kg dry	1	22.9	22.9	BGF1307	06/28/2023 07:08	KRB
SW-8270	Acenaphthene	A	<22.9U	ug/kg dry	1	22.9	22.9	BGF1307	06/28/2023 07:08	KRB
SW-8270	Acenaphthylene	A	<22.9U	ug/kg dry	1	22.9	22.9	BGF1307	06/28/2023 07:08	KRB
SW-8270	Anthracene	A	<22.9U	ug/kg dry	1	22.9	22.9	BGF1307	06/28/2023 07:08	KRB
SW-8270	Benzo(a)anthracene	A	<22.9U	ug/kg dry	1	22.9	22.9	BGF1307	06/28/2023 07:08	KRB
SW-8270	Benzo(a)pyrene	A	<22.9U	ug/kg dry	1	22.9	22.9	BGF1307	06/28/2023 07:08	KRB
SW-8270	benzo(b&k)fluoranthene	A	<45.7U	ug/kg dry	1	45.7	45.7	BGF1307	06/28/2023 07:08	KRB
SW-8270	Benzo(g,h,i)perylene	A	<22.9U	ug/kg dry	1	22.9	22.9	BGF1307	06/28/2023 07:08	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	85.6V	ug/kg dry	1	22.9	22.9	BGF1307	06/28/2023 07:08	KRB
SW-8270	Di-n-butyl phthalate	A	32.7V	ug/kg dry	1	22.9	22.9	BGF1307	06/28/2023 07:08	KRB
SW-8270	Fluoranthene	A	<22.9U	ug/kg dry	1	22.9	22.9	BGF1307	06/28/2023 07:08	KRB
SW-8270	Fluorene	A	29.4	ug/kg dry	1	22.9	22.9	BGF1307	06/28/2023 07:08	KRB
SW-8270	Naphthalene	A	<22.9U	ug/kg dry	1	22.9	22.9	BGF1307	06/28/2023 07:08	KRB
SW-8270	Phenanthrene	A	54.4	ug/kg dry	1	22.9	22.9	BGF1307	06/28/2023 07:08	KRB
SW-8270	Pyrene	A	29.4	ug/kg dry	1	22.9	22.9	BGF1307	06/28/2023 07:08	KRB
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SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		7.22% S	60-140					06/28/2023 07:08	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		63.2%	60-140					06/28/2023 07:08	
SW-8270	Surrogate: 2-Fluorophenol-surr		53.0% S	60-140					06/28/2023 07:08	
SW-8270	Surrogate: Nitrobenzene-d5-surr		159% S	60-140					06/28/2023 07:08	
SW-8270	Surrogate: Phenol-d5-surr		75.5%	60-140					06/28/2023 07:08	
SW-8270	Surrogate: p-Terphenyl-d14-surr		53.7% S	60-140					06/28/2023 07:08	

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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-4  
Lab Sample ID: 23E2845-54RE1  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Chrysene (Rerun)	A	<22.9U	ug/kg dry	1	22.9	22.9	BGF1307	07/03/2023 21:28	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<22.9U	ug/kg dry	1	22.9	22.9	BGF1307	07/03/2023 21:28	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<22.9U	ug/kg dry	1	22.9	22.9	BGF1307	07/03/2023 21:28	KRB
<hr/>										
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		41.4% S	60-140					07/03/2023 21:28	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		43.0% S	60-140					07/03/2023 21:28	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		43.0% S	60-140					07/03/2023 21:28	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-55      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<42.2U	ug/kg dry	1	42.2	42.2	BGF1307	06/29/2023 17:52	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<21.1U	ug/kg dry	1	21.1	21.1	BGF1307	06/29/2023 17:52	KRB
SW-8270	Acenaphthene	A	<21.1U	ug/kg dry	1	21.1	21.1	BGF1307	06/29/2023 17:52	KRB
SW-8270	Acenaphthylene	A	<21.1U	ug/kg dry	1	21.1	21.1	BGF1307	06/29/2023 17:52	KRB
SW-8270	Anthracene	A	<21.1U	ug/kg dry	1	21.1	21.1	BGF1307	06/29/2023 17:52	KRB
SW-8270	Benzo(a)pyrene	A	<21.1U	ug/kg dry	1	21.1	21.1	BGF1307	06/29/2023 17:52	KRB
SW-8270	benzo(b&k)fluoranthene	A	<42.2U	ug/kg dry	1	42.2	42.2	BGF1307	06/29/2023 17:52	KRB
SW-8270	Benzo(g,h,i)perylene	A	<21.1U	ug/kg dry	1	21.1	21.1	BGF1307	06/29/2023 17:52	KRB
SW-8270	Di-n-butyl phthalate	A	84.8V	ug/kg dry	1	21.1	21.1	BGF1307	06/29/2023 17:52	KRB
SW-8270	Fluoranthene	A	<21.1U	ug/kg dry	1	21.1	21.1	BGF1307	06/29/2023 17:52	KRB
SW-8270	Fluorene	A	74.3	ug/kg dry	1	21.1	21.1	BGF1307	06/29/2023 17:52	KRB
SW-8270	Naphthalene	A	<21.1U	ug/kg dry	1	21.1	21.1	BGF1307	06/29/2023 17:52	KRB
SW-8270	Phenanthrene	A	106	ug/kg dry	1	21.1	21.1	BGF1307	06/29/2023 17:52	KRB
SW-8270	Pyrene	A	<21.1U	ug/kg dry	1	21.1	21.1	BGF1307	06/29/2023 17:52	KRB
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SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		13.0% S	60-140					06/29/2023 17:52	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		63.5%	60-140					06/29/2023 17:52	
SW-8270	Surrogate: 2-Fluorophenol-surr		76.2%	60-140					06/29/2023 17:52	
SW-8270	Surrogate: Nitrobenzene-d5-surr		137%	60-140					06/29/2023 17:52	
SW-8270	Surrogate: Phenol-d5-surr		100%	60-140					06/29/2023 17:52	
SW-8270	Surrogate: p-Terphenyl-d14-surr		47.6% S	60-140					06/29/2023 17:52	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-55RE1      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)anthracene (Rerun)	A	<21.1U	ug/kg dry	1	21.1	21.1	BGF1307	07/03/2023 22:38	KRB
SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	105V	ug/kg dry	1	21.1	21.1	BGF1307	07/03/2023 22:38	KRB
SW-8270	Chrysene (Rerun)	A	<21.1U	ug/kg dry	1	21.1	21.1	BGF1307	07/03/2023 22:38	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<21.1U	ug/kg dry	1	21.1	21.1	BGF1307	07/03/2023 22:38	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<21.1U	ug/kg dry	1	21.1	21.1	BGF1307	07/03/2023 22:38	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		41.0% S	60-140					07/03/2023 22:38	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		52.9% S	60-140					07/03/2023 22:38	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		45.7% S	60-140					07/03/2023 22:38	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-56      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:18	KRB
SW-8270	Acenaphthylene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:18	KRB
SW-8270	Anthracene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:18	KRB
SW-8270	Benzo(a)anthracene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:18	KRB
SW-8270	Benzo(a)pyrene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:18	KRB
SW-8270	benzo(b&k)fluoranthene	A	<50.2U	ug/kg dry	1	50.2	50.2	BGF1744	07/01/2023 20:18	KRB
SW-8270	Benzo(g,h,i)perylene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:18	KRB
SW-8270	Chrysene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:18	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:18	KRB
SW-8270	Di-n-butyl phthalate	A	76.2V	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:18	KRB
SW-8270	Fluoranthene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:18	KRB
SW-8270	Fluorene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:18	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:18	KRB
SW-8270	Naphthalene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:18	KRB
SW-8270	Phenanthrene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:18	KRB
SW-8270	Pyrene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:18	KRB
<hr/>										
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		67.1%	60-140					07/01/2023 20:18	
SW-8270	Surrogate: Nitrobenzene-d5-surr		134%	60-140					07/01/2023 20:18	
SW-8270	Surrogate: p-Terphenyl-d14-surr		50.3% S	60-140					07/01/2023 20:18	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-57      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:53	KRB
SW-8270	Acenaphthylene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:53	KRB
SW-8270	Anthracene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:53	KRB
SW-8270	Benzo(a)anthracene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:53	KRB
SW-8270	Benzo(a)pyrene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:53	KRB
SW-8270	benzo(b&k)fluoranthene	A	<50.3U	ug/kg dry	1	50.3	50.3	BGF1744	07/01/2023 20:53	KRB
SW-8270	Benzo(g,h,i)perylene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:53	KRB
SW-8270	Chrysene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:53	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:53	KRB
SW-8270	Di-n-butyl phthalate	A	74.4V	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:53	KRB
SW-8270	Fluoranthene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:53	KRB
SW-8270	Fluorene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:53	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:53	KRB
SW-8270	Naphthalene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:53	KRB
SW-8270	Phenanthrene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:53	KRB
SW-8270	Pyrene	A	<25.1U	ug/kg dry	1	25.1	25.1	BGF1744	07/01/2023 20:53	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr		94.8%	60-140					07/01/2023 20:53	
SW-8270	Surrogate: Nitrobenzene-d5-surr		155% S	60-140					07/01/2023 20:53	
SW-8270	Surrogate: p-Terphenyl-d14-surr		50.4% S	60-140					07/01/2023 20:53	





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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-58      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<22.7U	ug/kg dry	1	22.7	22.7	BGF1744	07/01/2023 21:28	KRB
SW-8270	Acenaphthylene	A	<22.7U	ug/kg dry	1	22.7	22.7	BGF1744	07/01/2023 21:28	KRB
SW-8270	Anthracene	A	<22.7U	ug/kg dry	1	22.7	22.7	BGF1744	07/01/2023 21:28	KRB
SW-8270	Benzo(a)anthracene	A	<22.7U	ug/kg dry	1	22.7	22.7	BGF1744	07/01/2023 21:28	KRB
SW-8270	Benzo(a)pyrene	A	<22.7U	ug/kg dry	1	22.7	22.7	BGF1744	07/01/2023 21:28	KRB
SW-8270	benzo(b&k)fluoranthene	A	<45.4U	ug/kg dry	1	45.4	45.4	BGF1744	07/01/2023 21:28	KRB
SW-8270	Benzo(g,h,i)perylene	A	<22.7U	ug/kg dry	1	22.7	22.7	BGF1744	07/01/2023 21:28	KRB
SW-8270	Chrysene	A	<22.7U	ug/kg dry	1	22.7	22.7	BGF1744	07/01/2023 21:28	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<22.7U	ug/kg dry	1	22.7	22.7	BGF1744	07/01/2023 21:28	KRB
SW-8270	Di-n-butyl phthalate	A	72.3V	ug/kg dry	1	22.7	22.7	BGF1744	07/01/2023 21:28	KRB
SW-8270	Fluoranthene	A	<22.7U	ug/kg dry	1	22.7	22.7	BGF1744	07/01/2023 21:28	KRB
SW-8270	Fluorene	A	<22.7U	ug/kg dry	1	22.7	22.7	BGF1744	07/01/2023 21:28	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<22.7U	ug/kg dry	1	22.7	22.7	BGF1744	07/01/2023 21:28	KRB
SW-8270	Naphthalene	A	<22.7U	ug/kg dry	1	22.7	22.7	BGF1744	07/01/2023 21:28	KRB
SW-8270	Phenanthrene	A	<22.7U	ug/kg dry	1	22.7	22.7	BGF1744	07/01/2023 21:28	KRB
SW-8270	Pyrene	A	<22.7U	ug/kg dry	1	22.7	22.7	BGF1744	07/01/2023 21:28	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr		80.2%	60-140					07/01/2023 21:28	
SW-8270	Surrogate: Nitrobenzene-d5-surr		127%	60-140					07/01/2023 21:28	
SW-8270	Surrogate: p-Terphenyl-d14-surr		58.0% S	60-140					07/01/2023 21:28	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-59      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<22.0U	ug/kg dry	1	22.0	22.0	BGF1744	07/01/2023 22:03	KRB
SW-8270	Acenaphthylene	A	<22.0U	ug/kg dry	1	22.0	22.0	BGF1744	07/01/2023 22:03	KRB
SW-8270	Anthracene	A	<22.0U	ug/kg dry	1	22.0	22.0	BGF1744	07/01/2023 22:03	KRB
SW-8270	Benzo(a)anthracene	A	<22.0U	ug/kg dry	1	22.0	22.0	BGF1744	07/01/2023 22:03	KRB
SW-8270	Benzo(a)pyrene	A	<22.0U	ug/kg dry	1	22.0	22.0	BGF1744	07/01/2023 22:03	KRB
SW-8270	benzo(b&k)fluoranthene	A	<44.0U	ug/kg dry	1	44.0	44.0	BGF1744	07/01/2023 22:03	KRB
SW-8270	Benzo(g,h,i)perylene	A	<22.0U	ug/kg dry	1	22.0	22.0	BGF1744	07/01/2023 22:03	KRB
SW-8270	Chrysene	A	<22.0U	ug/kg dry	1	22.0	22.0	BGF1744	07/01/2023 22:03	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<22.0U	ug/kg dry	1	22.0	22.0	BGF1744	07/01/2023 22:03	KRB
SW-8270	Di-n-butyl phthalate	A	73.6V	ug/kg dry	1	22.0	22.0	BGF1744	07/01/2023 22:03	KRB
SW-8270	Fluoranthene	A	<22.0U	ug/kg dry	1	22.0	22.0	BGF1744	07/01/2023 22:03	KRB
SW-8270	Fluorene	A	<22.0U	ug/kg dry	1	22.0	22.0	BGF1744	07/01/2023 22:03	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<22.0U	ug/kg dry	1	22.0	22.0	BGF1744	07/01/2023 22:03	KRB
SW-8270	Naphthalene	A	<22.0U	ug/kg dry	1	22.0	22.0	BGF1744	07/01/2023 22:03	KRB
SW-8270	Phenanthrene	A	<22.0U	ug/kg dry	1	22.0	22.0	BGF1744	07/01/2023 22:03	KRB
SW-8270	Pyrene	A	<22.0U	ug/kg dry	1	22.0	22.0	BGF1744	07/01/2023 22:03	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr		85.1%	60-140					07/01/2023 22:03	
SW-8270	Surrogate: Nitrobenzene-d5-surr		151% S	60-140					07/01/2023 22:03	
SW-8270	Surrogate: p-Terphenyl-d14-surr		49.5% S	60-140					07/01/2023 22:03	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-60      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGF1744	07/01/2023 22:38	KRB
SW-8270	Acenaphthylene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGF1744	07/01/2023 22:38	KRB
SW-8270	Anthracene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGF1744	07/01/2023 22:38	KRB
SW-8270	Benzo(a)anthracene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGF1744	07/01/2023 22:38	KRB
SW-8270	Benzo(a)pyrene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGF1744	07/01/2023 22:38	KRB
SW-8270	benzo(b&k)fluoranthene	A	<43.8U	ug/kg dry	1	43.8	43.8	BGF1744	07/01/2023 22:38	KRB
SW-8270	Benzo(g,h,i)perylene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGF1744	07/01/2023 22:38	KRB
SW-8270	Chrysene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGF1744	07/01/2023 22:38	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGF1744	07/01/2023 22:38	KRB
SW-8270	Di-n-butyl phthalate	A	66.5V	ug/kg dry	1	21.9	21.9	BGF1744	07/01/2023 22:38	KRB
SW-8270	Fluoranthene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGF1744	07/01/2023 22:38	KRB
SW-8270	Fluorene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGF1744	07/01/2023 22:38	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGF1744	07/01/2023 22:38	KRB
SW-8270	Naphthalene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGF1744	07/01/2023 22:38	KRB
SW-8270	Phenanthrene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGF1744	07/01/2023 22:38	KRB
SW-8270	Pyrene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGF1744	07/01/2023 22:38	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr		85.5%	60-140					07/01/2023 22:38	
SW-8270	Surrogate: Nitrobenzene-d5-surr		156% S	60-140					07/01/2023 22:38	
SW-8270	Surrogate: p-Terphenyl-d14-surr		51.1% S	60-140					07/01/2023 22:38	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 5-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-61      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<19.7U	ug/kg dry	1	19.7	19.7	BGF1307	06/29/2023 18:26	KRB
SW-8270	Acenaphthylene	A	<19.7U	ug/kg dry	1	19.7	19.7	BGF1307	06/29/2023 18:26	KRB
SW-8270	Anthracene	A	<19.7U	ug/kg dry	1	19.7	19.7	BGF1307	06/29/2023 18:26	KRB
SW-8270	Benzo(a)anthracene	A	<19.7U	ug/kg dry	1	19.7	19.7	BGF1307	06/29/2023 18:26	KRB
SW-8270	Benzo(a)pyrene	A	<19.7U	ug/kg dry	1	19.7	19.7	BGF1307	06/29/2023 18:26	KRB
SW-8270	benzo(b&k)fluoranthene	A	<39.3U	ug/kg dry	1	39.3	39.3	BGF1307	06/29/2023 18:26	KRB
SW-8270	Benzo(g,h,i)perylene	A	<19.7U	ug/kg dry	1	19.7	19.7	BGF1307	06/29/2023 18:26	KRB
SW-8270	Chrysene	A	<19.7U	ug/kg dry	1	19.7	19.7	BGF1307	06/29/2023 18:26	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<19.7U	ug/kg dry	1	19.7	19.7	BGF1307	06/29/2023 18:26	KRB
SW-8270	Diethyl phthalate	A	45.9V	ug/kg dry	1	19.7	19.7	BGF1307	06/29/2023 18:26	KRB
SW-8270	Di-n-butyl phthalate	A	<19.7B, U	ug/kg dry	1	19.7	19.7	BGF1307	06/29/2023 18:26	KRB
SW-8270	Fluoranthene	A	<19.7U	ug/kg dry	1	19.7	19.7	BGF1307	06/29/2023 18:26	KRB
SW-8270	Fluorene	A	<19.7U	ug/kg dry	1	19.7	19.7	BGF1307	06/29/2023 18:26	KRB
SW-8270	Hexachlorocyclopentadiene	A	<19.7U	ug/kg dry	1	19.7	19.7	BGF1307	06/29/2023 18:26	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<19.7U	ug/kg dry	1	19.7	19.7	BGF1307	06/29/2023 18:26	KRB
SW-8270	Naphthalene	A	<19.7U	ug/kg dry	1	19.7	19.7	BGF1307	06/29/2023 18:26	KRB
SW-8270	Phenanthrene	A	<19.7U	ug/kg dry	1	19.7	19.7	BGF1307	06/29/2023 18:26	KRB
SW-8270	Pyrene	A	<19.7U	ug/kg dry	1	19.7	19.7	BGF1307	06/29/2023 18:26	KRB
<hr/>										
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		45.5% S	60-140					06/29/2023 18:26	
SW-8270	Surrogate: Nitrobenzene-d5-surr		102%	60-140					06/29/2023 18:26	
SW-8270	Surrogate: p-Terphenyl-d14-surr		34.1% S	60-140					06/29/2023 18:26	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 5-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-62      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<22.2U	ug/kg dry	1	22.2	22.2	BGF1307	06/29/2023 19:01	KRB
SW-8270	Acenaphthylene	A	<22.2U	ug/kg dry	1	22.2	22.2	BGF1307	06/29/2023 19:01	KRB
SW-8270	Anthracene	A	<22.2U	ug/kg dry	1	22.2	22.2	BGF1307	06/29/2023 19:01	KRB
SW-8270	Benzo(a)pyrene	A	<22.2U	ug/kg dry	1	22.2	22.2	BGF1307	06/29/2023 19:01	KRB
SW-8270	benzo(b&k)fluoranthene	A	<44.4U	ug/kg dry	1	44.4	44.4	BGF1307	06/29/2023 19:01	KRB
SW-8270	Benzo(g,h,i)perylene	A	<22.2U	ug/kg dry	1	22.2	22.2	BGF1307	06/29/2023 19:01	KRB
SW-8270	Diethyl phthalate	A	57.7V	ug/kg dry	1	22.2	22.2	BGF1307	06/29/2023 19:01	KRB
SW-8270	Di-n-butyl phthalate	A	115V	ug/kg dry	1	22.2	22.2	BGF1307	06/29/2023 19:01	KRB
SW-8270	Fluoranthene	A	<22.2U	ug/kg dry	1	22.2	22.2	BGF1307	06/29/2023 19:01	KRB
SW-8270	Fluorene	A	<22.2U	ug/kg dry	1	22.2	22.2	BGF1307	06/29/2023 19:01	KRB
SW-8270	Hexachlorocyclopentadiene	A	<22.2U	ug/kg dry	1	22.2	22.2	BGF1307	06/29/2023 19:01	KRB
SW-8270	Naphthalene	A	<22.2U	ug/kg dry	1	22.2	22.2	BGF1307	06/29/2023 19:01	KRB
SW-8270	Phenanthrene	A	<22.2U	ug/kg dry	1	22.2	22.2	BGF1307	06/29/2023 19:01	KRB
SW-8270	Pyrene	A	<22.2U	ug/kg dry	1	22.2	22.2	BGF1307	06/29/2023 19:01	KRB
<hr/>										
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		82.3%	60-140					06/29/2023 19:01	
SW-8270	Surrogate: Nitrobenzene-d5-surr		115%	60-140					06/29/2023 19:01	
SW-8270	Surrogate: p-Terphenyl-d14-surr		49.6% S	60-140					06/29/2023 19:01	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 5-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-62RE1      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)anthracene (Rerun)	A	<22.2U	ug/kg dry	1	22.2	22.2	BGF1307	07/03/2023 23:48	KRB
SW-8270	Chrysene (Rerun)	A	<22.2U	ug/kg dry	1	22.2	22.2	BGF1307	07/03/2023 23:48	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<22.2U	ug/kg dry	1	22.2	22.2	BGF1307	07/03/2023 23:48	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<22.2U	ug/kg dry	1	22.2	22.2	BGF1307	07/03/2023 23:48	KRB
<hr/>										
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		50.6% S	60-140					07/03/2023 23:48	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		50.2% S	60-140					07/03/2023 23:48	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		44.5% S	60-140					07/03/2023 23:48	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 5-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-63      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<20.4U	ug/kg dry	1	20.4	20.4	BGF1307	06/29/2023 19:36	KRB
SW-8270	Acenaphthylene	A	<20.4U	ug/kg dry	1	20.4	20.4	BGF1307	06/29/2023 19:36	KRB
SW-8270	Anthracene	A	<20.4U	ug/kg dry	1	20.4	20.4	BGF1307	06/29/2023 19:36	KRB
SW-8270	Benzo(a)anthracene	A	<20.4U	ug/kg dry	1	20.4	20.4	BGF1307	06/29/2023 19:36	KRB
SW-8270	Benzo(a)pyrene	A	<20.4U	ug/kg dry	1	20.4	20.4	BGF1307	06/29/2023 19:36	KRB
SW-8270	benzo(b&k)fluoranthene	A	<40.7U	ug/kg dry	1	40.7	40.7	BGF1307	06/29/2023 19:36	KRB
SW-8270	Benzo(g,h,i)perylene	A	<20.4U	ug/kg dry	1	20.4	20.4	BGF1307	06/29/2023 19:36	KRB
SW-8270	Chrysene	A	<20.4U	ug/kg dry	1	20.4	20.4	BGF1307	06/29/2023 19:36	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<20.4U	ug/kg dry	1	20.4	20.4	BGF1307	06/29/2023 19:36	KRB
SW-8270	Diethyl phthalate	A	55.9V	ug/kg dry	1	20.4	20.4	BGF1307	06/29/2023 19:36	KRB
SW-8270	Di-n-butyl phthalate	A	<20.4B, U	ug/kg dry	1	20.4	20.4	BGF1307	06/29/2023 19:36	KRB
SW-8270	Fluoranthene	A	<20.4U	ug/kg dry	1	20.4	20.4	BGF1307	06/29/2023 19:36	KRB
SW-8270	Fluorene	A	<20.4U	ug/kg dry	1	20.4	20.4	BGF1307	06/29/2023 19:36	KRB
SW-8270	Hexachlorocyclopentadiene	A	<20.4U	ug/kg dry	1	20.4	20.4	BGF1307	06/29/2023 19:36	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<20.4U	ug/kg dry	1	20.4	20.4	BGF1307	06/29/2023 19:36	KRB
SW-8270	Naphthalene	A	<20.4U	ug/kg dry	1	20.4	20.4	BGF1307	06/29/2023 19:36	KRB
SW-8270	Phenanthrene	A	<20.4U	ug/kg dry	1	20.4	20.4	BGF1307	06/29/2023 19:36	KRB
SW-8270	Pyrene	A	<20.4U	ug/kg dry	1	20.4	20.4	BGF1307	06/29/2023 19:36	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr		75.4%	60-140					06/29/2023 19:36	
SW-8270	Surrogate: Nitrobenzene-d5-surr		129%	60-140					06/29/2023 19:36	
SW-8270	Surrogate: p-Terphenyl-d14-surr		62.2%	60-140					06/29/2023 19:36	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 5-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-64      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGF1307	06/29/2023 20:11	KRB
SW-8270	Acenaphthylene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGF1307	06/29/2023 20:11	KRB
SW-8270	Anthracene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGF1307	06/29/2023 20:11	KRB
SW-8270	Benzo(a)anthracene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGF1307	06/29/2023 20:11	KRB
SW-8270	Benzo(a)pyrene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGF1307	06/29/2023 20:11	KRB
SW-8270	benzo(b&k)fluoranthene	A	<38.3U	ug/kg dry	1	38.3	38.3	BGF1307	06/29/2023 20:11	KRB
SW-8270	Benzo(g,h,i)perylene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGF1307	06/29/2023 20:11	KRB
SW-8270	Chrysene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGF1307	06/29/2023 20:11	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGF1307	06/29/2023 20:11	KRB
SW-8270	Diethyl phthalate	A	44.7V	ug/kg dry	1	19.2	19.2	BGF1307	06/29/2023 20:11	KRB
SW-8270	Di-n-butyl phthalate	A	<19.2B, U	ug/kg dry	1	19.2	19.2	BGF1307	06/29/2023 20:11	KRB
SW-8270	Fluoranthene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGF1307	06/29/2023 20:11	KRB
SW-8270	Fluorene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGF1307	06/29/2023 20:11	KRB
SW-8270	Hexachlorocyclopentadiene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGF1307	06/29/2023 20:11	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGF1307	06/29/2023 20:11	KRB
SW-8270	Naphthalene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGF1307	06/29/2023 20:11	KRB
SW-8270	Phenanthrene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGF1307	06/29/2023 20:11	KRB
SW-8270	Pyrene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGF1307	06/29/2023 20:11	KRB
<hr/>										
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		66.6%	60-140					06/29/2023 20:11	
SW-8270	Surrogate: Nitrobenzene-d5-surr		132%	60-140					06/29/2023 20:11	
SW-8270	Surrogate: p-Terphenyl-d14-surr		51.9% S	60-140					06/29/2023 20:11	





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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 5-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-65      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1307	06/29/2023 20:46	KRB
SW-8270	Acenaphthylene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1307	06/29/2023 20:46	KRB
SW-8270	Anthracene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1307	06/29/2023 20:46	KRB
SW-8270	Benzo(a)anthracene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1307	06/29/2023 20:46	KRB
SW-8270	Benzo(a)pyrene	A	30.4	ug/kg dry	1	21.0	21.0	BGF1307	06/29/2023 20:46	KRB
SW-8270	benzo(b&k)fluoranthene	A	<42.1U	ug/kg dry	1	42.1	42.1	BGF1307	06/29/2023 20:46	KRB
SW-8270	Benzo(g,h,i)perylene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1307	06/29/2023 20:46	KRB
SW-8270	Chrysene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1307	06/29/2023 20:46	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1307	06/29/2023 20:46	KRB
SW-8270	Diethyl phthalate	A	59.4V	ug/kg dry	1	21.0	21.0	BGF1307	06/29/2023 20:46	KRB
SW-8270	Di-n-butyl phthalate	A	<21.0B, U	ug/kg dry	1	21.0	21.0	BGF1307	06/29/2023 20:46	KRB
SW-8270	Fluoranthene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1307	06/29/2023 20:46	KRB
SW-8270	Fluorene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1307	06/29/2023 20:46	KRB
SW-8270	Hexachlorocyclopentadiene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1307	06/29/2023 20:46	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1307	06/29/2023 20:46	KRB
SW-8270	Naphthalene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1307	06/29/2023 20:46	KRB
SW-8270	Phenanthrene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1307	06/29/2023 20:46	KRB
SW-8270	Pyrene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1307	06/29/2023 20:46	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		55.8% S	60-140					06/29/2023 20:46	
SW-8270	Surrogate: Nitrobenzene-d5-surr		112%	60-140					06/29/2023 20:46	
SW-8270	Surrogate: p-Terphenyl-d14-surr		49.8% S	60-140					06/29/2023 20:46	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 6-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-66      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	93.6	ug/kg dry	1	20.5	20.5	BGF1571	07/06/2023 23:07	krb
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		100%	60-140					07/06/2023 23:07	
SW-8270	Surrogate: Nitrobenzene-d5-surr		179% S	60-140					07/06/2023 23:07	
SW-8270	Surrogate: p-Terphenyl-d14-surr		71.7%	60-140					07/06/2023 23:07	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 6-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-67      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	44.0	ug/kg dry	1	20.6	20.6	BGF1571	07/08/2023 01:23	krb
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>63.9%</i>	<i>60-140</i>					<i>07/08/2023 01:23</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>111%</i>	<i>60-140</i>					<i>07/08/2023 01:23</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>38.8% S</i>	<i>60-140</i>					<i>07/08/2023 01:23</i>	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 6-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-68      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	22.0	ug/kg dry	1	21.6	21.6	BGF1571	07/08/2023 01:58	krb
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>38.2% S</i>	<i>60-140</i>					<i>07/08/2023 01:58</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>91.9%</i>	<i>60-140</i>					<i>07/08/2023 01:58</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>21.8% S</i>	<i>60-140</i>					<i>07/08/2023 01:58</i>	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 6-4	Sample Matrix: Tissue
Lab Sample ID: 23E2845-69	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	27.3	ug/kg dry	1	21.9	21.9	BGF1571	07/08/2023 02:33	krb
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		47.1% S	60-140					07/08/2023 02:33	
SW-8270	Surrogate: Nitrobenzene-d5-surr		85.1%	60-140					07/08/2023 02:33	
SW-8270	Surrogate: p-Terphenyl-d14-surr		29.6% S	60-140					07/08/2023 02:33	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 6-5	Sample Matrix: Tissue
Lab Sample ID: 23E2845-70	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	<21.3U	ug/kg dry	1	21.3	21.3	BGF1571	07/08/2023 03:08	krb
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>50.3% S</i>	<i>60-140</i>					<i>07/08/2023 03:08</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>82.7%</i>	<i>60-140</i>					<i>07/08/2023 03:08</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>32.6% S</i>	<i>60-140</i>					<i>07/08/2023 03:08</i>	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 7-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-71      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<24.1U	ug/kg dry	1	24.1	24.1	BGF1744	07/01/2023 23:13	KRB
SW-8270	Acenaphthylene	A	<24.1U	ug/kg dry	1	24.1	24.1	BGF1744	07/01/2023 23:13	KRB
SW-8270	Anthracene	A	32.7	ug/kg dry	1	24.1	24.1	BGF1744	07/01/2023 23:13	KRB
SW-8270	Benzo(a)anthracene	A	<24.1U	ug/kg dry	1	24.1	24.1	BGF1744	07/01/2023 23:13	KRB
SW-8270	Benzo(a)pyrene	A	<24.1U	ug/kg dry	1	24.1	24.1	BGF1744	07/01/2023 23:13	KRB
SW-8270	benzo(b&k)fluoranthene	A	<48.3U	ug/kg dry	1	48.3	48.3	BGF1744	07/01/2023 23:13	KRB
SW-8270	Benzo(g,h,i)perylene	A	<24.1U	ug/kg dry	1	24.1	24.1	BGF1744	07/01/2023 23:13	KRB
SW-8270	Chrysene	A	<24.1U	ug/kg dry	1	24.1	24.1	BGF1744	07/01/2023 23:13	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<24.1U	ug/kg dry	1	24.1	24.1	BGF1744	07/01/2023 23:13	KRB
SW-8270	Di-n-butyl phthalate	A	84.2V	ug/kg dry	1	24.1	24.1	BGF1744	07/01/2023 23:13	KRB
SW-8270	Fluoranthene	A	87.5	ug/kg dry	1	24.1	24.1	BGF1744	07/01/2023 23:13	KRB
SW-8270	Fluorene	A	<24.1U	ug/kg dry	1	24.1	24.1	BGF1744	07/01/2023 23:13	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<24.1U	ug/kg dry	1	24.1	24.1	BGF1744	07/01/2023 23:13	KRB
SW-8270	Naphthalene	A	<24.1U	ug/kg dry	1	24.1	24.1	BGF1744	07/01/2023 23:13	KRB
SW-8270	Phenanthrene	A	80.2	ug/kg dry	1	24.1	24.1	BGF1744	07/01/2023 23:13	KRB
SW-8270	Pyrene	A	95.2	ug/kg dry	1	24.1	24.1	BGF1744	07/01/2023 23:13	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr		65.9%	60-140					07/01/2023 23:13	
SW-8270	Surrogate: Nitrobenzene-d5-surr		142% S	60-140					07/01/2023 23:13	
SW-8270	Surrogate: p-Terphenyl-d14-surr		43.9% S	60-140					07/01/2023 23:13	

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Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 7-2  
Lab Sample ID: 23E2845-72  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/01/2023 23:48	KRB
SW-8270	Acenaphthylene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/01/2023 23:48	KRB
SW-8270	Anthracene	A	50.3	ug/kg dry	1	22.3	22.3	BGF1744	07/01/2023 23:48	KRB
SW-8270	Benzo(a)anthracene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/01/2023 23:48	KRB
SW-8270	Benzo(a)pyrene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/01/2023 23:48	KRB
SW-8270	benzo(b&k)fluoranthene	A	<44.6U	ug/kg dry	1	44.6	44.6	BGF1744	07/01/2023 23:48	KRB
SW-8270	Benzo(g,h,i)perylene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/01/2023 23:48	KRB
SW-8270	Chrysene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/01/2023 23:48	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/01/2023 23:48	KRB
SW-8270	Di-n-butyl phthalate	A	66.9V	ug/kg dry	1	22.3	22.3	BGF1744	07/01/2023 23:48	KRB
SW-8270	Fluoranthene	A	155	ug/kg dry	1	22.3	22.3	BGF1744	07/01/2023 23:48	KRB
SW-8270	Fluorene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/01/2023 23:48	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/01/2023 23:48	KRB
SW-8270	Naphthalene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/01/2023 23:48	KRB
SW-8270	Phenanthrene	A	137	ug/kg dry	1	22.3	22.3	BGF1744	07/01/2023 23:48	KRB
SW-8270	Pyrene	A	180	ug/kg dry	1	22.3	22.3	BGF1744	07/01/2023 23:48	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr		75.3%	60-140					07/01/2023 23:48	
SW-8270	Surrogate: Nitrobenzene-d5-surr		183% S	60-140					07/01/2023 23:48	
SW-8270	Surrogate: p-Terphenyl-d14-surr		56.9% S	60-140					07/01/2023 23:48	



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Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 7-3  
Lab Sample ID: 23E2845-73  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/02/2023 00:23	KRB
SW-8270	Acenaphthylene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/02/2023 00:23	KRB
SW-8270	Anthracene	A	28.6	ug/kg dry	1	22.3	22.3	BGF1744	07/02/2023 00:23	KRB
SW-8270	Benzo(a)anthracene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/02/2023 00:23	KRB
SW-8270	Benzo(a)pyrene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/02/2023 00:23	KRB
SW-8270	benzo(b&k)fluoranthene	A	<44.6U	ug/kg dry	1	44.6	44.6	BGF1744	07/02/2023 00:23	KRB
SW-8270	Benzo(g,h,i)perylene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/02/2023 00:23	KRB
SW-8270	Chrysene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/02/2023 00:23	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/02/2023 00:23	KRB
SW-8270	Di-n-butyl phthalate	A	70.2V	ug/kg dry	1	22.3	22.3	BGF1744	07/02/2023 00:23	KRB
SW-8270	Fluoranthene	A	84.1	ug/kg dry	1	22.3	22.3	BGF1744	07/02/2023 00:23	KRB
SW-8270	Fluorene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/02/2023 00:23	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/02/2023 00:23	KRB
SW-8270	Naphthalene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGF1744	07/02/2023 00:23	KRB
SW-8270	Phenanthrene	A	79.3	ug/kg dry	1	22.3	22.3	BGF1744	07/02/2023 00:23	KRB
SW-8270	Pyrene	A	111	ug/kg dry	1	22.3	22.3	BGF1744	07/02/2023 00:23	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		79.7%	60-140					07/02/2023 00:23	
SW-8270	Surrogate: Nitrobenzene-d5-surr		144% S	60-140					07/02/2023 00:23	
SW-8270	Surrogate: p-Terphenyl-d14-surr		60.2%	60-140					07/02/2023 00:23	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 7-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-74      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<22.8U	ug/kg dry	1	22.8	22.8	BGF1744	07/02/2023 00:58	KRB
SW-8270	Acenaphthylene	A	<22.8U	ug/kg dry	1	22.8	22.8	BGF1744	07/02/2023 00:58	KRB
SW-8270	Anthracene	A	25.3	ug/kg dry	1	22.8	22.8	BGF1744	07/02/2023 00:58	KRB
SW-8270	Benzo(a)anthracene	A	<22.8U	ug/kg dry	1	22.8	22.8	BGF1744	07/02/2023 00:58	KRB
SW-8270	Benzo(a)pyrene	A	<22.8U	ug/kg dry	1	22.8	22.8	BGF1744	07/02/2023 00:58	KRB
SW-8270	benzo(b&k)fluoranthene	A	<45.5U	ug/kg dry	1	45.5	45.5	BGF1744	07/02/2023 00:58	KRB
SW-8270	Benzo(g,h,i)perylene	A	<22.8U	ug/kg dry	1	22.8	22.8	BGF1744	07/02/2023 00:58	KRB
SW-8270	Chrysene	A	<22.8U	ug/kg dry	1	22.8	22.8	BGF1744	07/02/2023 00:58	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<22.8U	ug/kg dry	1	22.8	22.8	BGF1744	07/02/2023 00:58	KRB
SW-8270	Di-n-butyl phthalate	A	56.4V	ug/kg dry	1	22.8	22.8	BGF1744	07/02/2023 00:58	KRB
SW-8270	Fluoranthene	A	77.1	ug/kg dry	1	22.8	22.8	BGF1744	07/02/2023 00:58	KRB
SW-8270	Fluorene	A	<22.8U	ug/kg dry	1	22.8	22.8	BGF1744	07/02/2023 00:58	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<22.8U	ug/kg dry	1	22.8	22.8	BGF1744	07/02/2023 00:58	KRB
SW-8270	Naphthalene	A	<22.8U	ug/kg dry	1	22.8	22.8	BGF1744	07/02/2023 00:58	KRB
SW-8270	Phenanthrene	A	61.4	ug/kg dry	1	22.8	22.8	BGF1744	07/02/2023 00:58	KRB
SW-8270	Pyrene	A	107	ug/kg dry	1	22.8	22.8	BGF1744	07/02/2023 00:58	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr		82.0%	60-140					07/02/2023 00:58	
SW-8270	Surrogate: Nitrobenzene-d5-surr		161% S	60-140					07/02/2023 00:58	
SW-8270	Surrogate: p-Terphenyl-d14-surr		60.1%	60-140					07/02/2023 00:58	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 7-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-75      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<23.5U	ug/kg dry	1	23.5	23.5	BGF1744	07/02/2023 01:33	KRB
SW-8270	Acenaphthylene	A	<23.5U	ug/kg dry	1	23.5	23.5	BGF1744	07/02/2023 01:33	KRB
SW-8270	Anthracene	A	25.2	ug/kg dry	1	23.5	23.5	BGF1744	07/02/2023 01:33	KRB
SW-8270	Benzo(a)anthracene	A	<23.5U	ug/kg dry	1	23.5	23.5	BGF1744	07/02/2023 01:33	KRB
SW-8270	Benzo(a)pyrene	A	<23.5U	ug/kg dry	1	23.5	23.5	BGF1744	07/02/2023 01:33	KRB
SW-8270	benzo(b&k)fluoranthene	A	<47.0U	ug/kg dry	1	47.0	47.0	BGF1744	07/02/2023 01:33	KRB
SW-8270	Benzo(g,h,i)perylene	A	<23.5U	ug/kg dry	1	23.5	23.5	BGF1744	07/02/2023 01:33	KRB
SW-8270	Chrysene	A	<23.5U	ug/kg dry	1	23.5	23.5	BGF1744	07/02/2023 01:33	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<23.5U	ug/kg dry	1	23.5	23.5	BGF1744	07/02/2023 01:33	KRB
SW-8270	Di-n-butyl phthalate	A	56.3V	ug/kg dry	1	23.5	23.5	BGF1744	07/02/2023 01:33	KRB
SW-8270	Fluoranthene	A	58.1	ug/kg dry	1	23.5	23.5	BGF1744	07/02/2023 01:33	KRB
SW-8270	Fluorene	A	<23.5U	ug/kg dry	1	23.5	23.5	BGF1744	07/02/2023 01:33	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<23.5U	ug/kg dry	1	23.5	23.5	BGF1744	07/02/2023 01:33	KRB
SW-8270	Naphthalene	A	<23.5U	ug/kg dry	1	23.5	23.5	BGF1744	07/02/2023 01:33	KRB
SW-8270	Phenanthrene	A	61.6	ug/kg dry	1	23.5	23.5	BGF1744	07/02/2023 01:33	KRB
SW-8270	Pyrene	A	72.4	ug/kg dry	1	23.5	23.5	BGF1744	07/02/2023 01:33	KRB
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SW-8270	Surrogate: 2-Fluorobiphenyl-surr		66.3%	60-140					07/02/2023 01:33	
SW-8270	Surrogate: Nitrobenzene-d5-surr		171% S	60-140					07/02/2023 01:33	
SW-8270	Surrogate: p-Terphenyl-d14-surr		47.8% S	60-140					07/02/2023 01:33	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 8-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-76      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1744	07/02/2023 02:08	KRB
SW-8270	Acenaphthylene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1744	07/02/2023 02:08	KRB
SW-8270	Anthracene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1744	07/02/2023 02:08	KRB
SW-8270	Benzo(a)anthracene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1744	07/02/2023 02:08	KRB
SW-8270	Benzo(a)pyrene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1744	07/02/2023 02:08	KRB
SW-8270	benzo(b&k)fluoranthene	A	<42.1U	ug/kg dry	1	42.1	42.1	BGF1744	07/02/2023 02:08	KRB
SW-8270	Benzo(g,h,i)perylene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1744	07/02/2023 02:08	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	131V	ug/kg dry	1	21.0	21.0	BGF1744	07/02/2023 02:08	KRB
SW-8270	Chrysene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1744	07/02/2023 02:08	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1744	07/02/2023 02:08	KRB
SW-8270	Di-n-butyl phthalate	A	38.1V	ug/kg dry	1	21.0	21.0	BGF1744	07/02/2023 02:08	KRB
SW-8270	Fluoranthene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1744	07/02/2023 02:08	KRB
SW-8270	Fluorene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1744	07/02/2023 02:08	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1744	07/02/2023 02:08	KRB
SW-8270	Naphthalene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1744	07/02/2023 02:08	KRB
SW-8270	Phenanthrene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1744	07/02/2023 02:08	KRB
SW-8270	Pyrene	A	<21.0U	ug/kg dry	1	21.0	21.0	BGF1744	07/02/2023 02:08	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		83.7%	60-140					07/02/2023 02:08	
SW-8270	Surrogate: Nitrobenzene-d5-surr		172% S	60-140					07/02/2023 02:08	
SW-8270	Surrogate: p-Terphenyl-d14-surr		47.0% S	60-140					07/02/2023 02:08	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 8-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-77      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<19.4U	ug/kg dry	1	19.4	19.4	BGF1744	07/02/2023 02:43	KRB
SW-8270	Acenaphthylene	A	<19.4U	ug/kg dry	1	19.4	19.4	BGF1744	07/02/2023 02:43	KRB
SW-8270	Anthracene	A	<19.4U	ug/kg dry	1	19.4	19.4	BGF1744	07/02/2023 02:43	KRB
SW-8270	Benzo(a)anthracene	A	<19.4U	ug/kg dry	1	19.4	19.4	BGF1744	07/02/2023 02:43	KRB
SW-8270	Benzo(a)pyrene	A	<19.4U	ug/kg dry	1	19.4	19.4	BGF1744	07/02/2023 02:43	KRB
SW-8270	benzo(b&k)fluoranthene	A	<38.9U	ug/kg dry	1	38.9	38.9	BGF1744	07/02/2023 02:43	KRB
SW-8270	Benzo(g,h,i)perylene	A	<19.4U	ug/kg dry	1	19.4	19.4	BGF1744	07/02/2023 02:43	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	175V	ug/kg dry	1	19.4	19.4	BGF1744	07/02/2023 02:43	KRB
SW-8270	Chrysene	A	<19.4U	ug/kg dry	1	19.4	19.4	BGF1744	07/02/2023 02:43	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<19.4U	ug/kg dry	1	19.4	19.4	BGF1744	07/02/2023 02:43	KRB
SW-8270	Di-n-butyl phthalate	A	60.4V	ug/kg dry	1	19.4	19.4	BGF1744	07/02/2023 02:43	KRB
SW-8270	Fluoranthene	A	<19.4U	ug/kg dry	1	19.4	19.4	BGF1744	07/02/2023 02:43	KRB
SW-8270	Fluorene	A	<19.4U	ug/kg dry	1	19.4	19.4	BGF1744	07/02/2023 02:43	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<19.4U	ug/kg dry	1	19.4	19.4	BGF1744	07/02/2023 02:43	KRB
SW-8270	Naphthalene	A	<19.4U	ug/kg dry	1	19.4	19.4	BGF1744	07/02/2023 02:43	KRB
SW-8270	Phenanthrene	A	<19.4U	ug/kg dry	1	19.4	19.4	BGF1744	07/02/2023 02:43	KRB
SW-8270	Pyrene	A	<19.4U	ug/kg dry	1	19.4	19.4	BGF1744	07/02/2023 02:43	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		66.5%	60-140					07/02/2023 02:43	
SW-8270	Surrogate: Nitrobenzene-d5-surr		149% S	60-140					07/02/2023 02:43	
SW-8270	Surrogate: p-Terphenyl-d14-surr		52.6% S	60-140					07/02/2023 02:43	



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/21/2023 16:06
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 8-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-78      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<21.8U	ug/kg dry	1	21.8	21.8	BGF1744	07/02/2023 03:17	KRB
SW-8270	Acenaphthylene	A	<21.8U	ug/kg dry	1	21.8	21.8	BGF1744	07/02/2023 03:17	KRB
SW-8270	Anthracene	A	<21.8U	ug/kg dry	1	21.8	21.8	BGF1744	07/02/2023 03:17	KRB
SW-8270	Benzo(a)anthracene	A	<21.8U	ug/kg dry	1	21.8	21.8	BGF1744	07/02/2023 03:17	KRB
SW-8270	Benzo(a)pyrene	A	<21.8U	ug/kg dry	1	21.8	21.8	BGF1744	07/02/2023 03:17	KRB
SW-8270	benzo(b&k)fluoranthene	A	<43.7U	ug/kg dry	1	43.7	43.7	BGF1744	07/02/2023 03:17	KRB
SW-8270	Benzo(g,h,i)perylene	A	<21.8U	ug/kg dry	1	21.8	21.8	BGF1744	07/02/2023 03:17	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	127V	ug/kg dry	1	21.8	21.8	BGF1744	07/02/2023 03:17	KRB
SW-8270	Chrysene	A	<21.8U	ug/kg dry	1	21.8	21.8	BGF1744	07/02/2023 03:17	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<21.8U	ug/kg dry	1	21.8	21.8	BGF1744	07/02/2023 03:17	KRB
SW-8270	Di-n-butyl phthalate	A	60.3V	ug/kg dry	1	21.8	21.8	BGF1744	07/02/2023 03:17	KRB
SW-8270	Fluoranthene	A	<21.8U	ug/kg dry	1	21.8	21.8	BGF1744	07/02/2023 03:17	KRB
SW-8270	Fluorene	A	<21.8U	ug/kg dry	1	21.8	21.8	BGF1744	07/02/2023 03:17	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<21.8U	ug/kg dry	1	21.8	21.8	BGF1744	07/02/2023 03:17	KRB
SW-8270	Naphthalene	A	<21.8U	ug/kg dry	1	21.8	21.8	BGF1744	07/02/2023 03:17	KRB
SW-8270	Phenanthrene	A	<21.8U	ug/kg dry	1	21.8	21.8	BGF1744	07/02/2023 03:17	KRB
SW-8270	Pyrene	A	<21.8U	ug/kg dry	1	21.8	21.8	BGF1744	07/02/2023 03:17	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		80.7%	60-140					07/02/2023 03:17	
SW-8270	Surrogate: Nitrobenzene-d5-surr		153% S	60-140					07/02/2023 03:17	
SW-8270	Surrogate: p-Terphenyl-d14-surr		34.0% S	60-140					07/02/2023 03:17	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 8-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-79      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<22.6U	ug/kg dry	1	22.6	22.6	BGF1744	07/02/2023 03:52	KRB
SW-8270	Acenaphthylene	A	<22.6U	ug/kg dry	1	22.6	22.6	BGF1744	07/02/2023 03:52	KRB
SW-8270	Anthracene	A	<22.6U	ug/kg dry	1	22.6	22.6	BGF1744	07/02/2023 03:52	KRB
SW-8270	Benzo(a)anthracene	A	<22.6U	ug/kg dry	1	22.6	22.6	BGF1744	07/02/2023 03:52	KRB
SW-8270	Benzo(a)pyrene	A	<22.6U	ug/kg dry	1	22.6	22.6	BGF1744	07/02/2023 03:52	KRB
SW-8270	benzo(b&k)fluoranthene	A	<45.2U	ug/kg dry	1	45.2	45.2	BGF1744	07/02/2023 03:52	KRB
SW-8270	Benzo(g,h,i)perylene	A	<22.6U	ug/kg dry	1	22.6	22.6	BGF1744	07/02/2023 03:52	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	139V	ug/kg dry	1	22.6	22.6	BGF1744	07/02/2023 03:52	KRB
SW-8270	Chrysene	A	<22.6U	ug/kg dry	1	22.6	22.6	BGF1744	07/02/2023 03:52	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<22.6U	ug/kg dry	1	22.6	22.6	BGF1744	07/02/2023 03:52	KRB
SW-8270	Di-n-butyl phtalate	A	58.8V	ug/kg dry	1	22.6	22.6	BGF1744	07/02/2023 03:52	KRB
SW-8270	Fluoranthene	A	<22.6U	ug/kg dry	1	22.6	22.6	BGF1744	07/02/2023 03:52	KRB
SW-8270	Fluorene	A	<22.6U	ug/kg dry	1	22.6	22.6	BGF1744	07/02/2023 03:52	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<22.6U	ug/kg dry	1	22.6	22.6	BGF1744	07/02/2023 03:52	KRB
SW-8270	Naphthalene	A	<22.6U	ug/kg dry	1	22.6	22.6	BGF1744	07/02/2023 03:52	KRB
SW-8270	Phenanthrene	A	<22.6U	ug/kg dry	1	22.6	22.6	BGF1744	07/02/2023 03:52	KRB
SW-8270	Pyrene	A	<22.6U	ug/kg dry	1	22.6	22.6	BGF1744	07/02/2023 03:52	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		59.9% S	60-140					07/02/2023 03:52	
SW-8270	Surrogate: Nitrobenzene-d5-surr		168% S	60-140					07/02/2023 03:52	
SW-8270	Surrogate: p-Terphenyl-d14-surr		50.0% S	60-140					07/02/2023 03:52	



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 8-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-80      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Acenaphthene	A	<23.6U	ug/kg dry	1	23.6	23.6	BGF1744	07/02/2023 04:27	KRB
SW-8270	Acenaphthylene	A	<23.6U	ug/kg dry	1	23.6	23.6	BGF1744	07/02/2023 04:27	KRB
SW-8270	Anthracene	A	<23.6U	ug/kg dry	1	23.6	23.6	BGF1744	07/02/2023 04:27	KRB
SW-8270	Benzo(a)anthracene	A	<23.6U	ug/kg dry	1	23.6	23.6	BGF1744	07/02/2023 04:27	KRB
SW-8270	Benzo(a)pyrene	A	<23.6U	ug/kg dry	1	23.6	23.6	BGF1744	07/02/2023 04:27	KRB
SW-8270	benzo(b&k)fluoranthene	A	<47.2U	ug/kg dry	1	47.2	47.2	BGF1744	07/02/2023 04:27	KRB
SW-8270	Benzo(g,h,i)perylene	A	<23.6U	ug/kg dry	1	23.6	23.6	BGF1744	07/02/2023 04:27	KRB
SW-8270	Bis(2-ethylhexyl )phthalate	A	179V	ug/kg dry	1	23.6	23.6	BGF1744	07/02/2023 04:27	KRB
SW-8270	Chrysene	A	<23.6U	ug/kg dry	1	23.6	23.6	BGF1744	07/02/2023 04:27	KRB
SW-8270	Dibenzo(a,h)anthracene	A	<23.6U	ug/kg dry	1	23.6	23.6	BGF1744	07/02/2023 04:27	KRB
SW-8270	Di-n-butyl phthalate	A	70.9V	ug/kg dry	1	23.6	23.6	BGF1744	07/02/2023 04:27	KRB
SW-8270	Fluoranthene	A	<23.6U	ug/kg dry	1	23.6	23.6	BGF1744	07/02/2023 04:27	KRB
SW-8270	Fluorene	A	<23.6U	ug/kg dry	1	23.6	23.6	BGF1744	07/02/2023 04:27	KRB
SW-8270	Indeno(1,2,3-cd) pyrene	A	<23.6U	ug/kg dry	1	23.6	23.6	BGF1744	07/02/2023 04:27	KRB
SW-8270	Naphthalene	A	<23.6U	ug/kg dry	1	23.6	23.6	BGF1744	07/02/2023 04:27	KRB
SW-8270	Phenanthrene	A	<23.6U	ug/kg dry	1	23.6	23.6	BGF1744	07/02/2023 04:27	KRB
SW-8270	Pyrene	A	<23.6U	ug/kg dry	1	23.6	23.6	BGF1744	07/02/2023 04:27	KRB
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		66.1%	60-140					07/02/2023 04:27	
SW-8270	Surrogate: Nitrobenzene-d5-surr		149% S	60-140					07/02/2023 04:27	
SW-8270	Surrogate: p-Terphenyl-d14-surr		56.8% S	60-140					07/02/2023 04:27	



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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

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### Quality Control

#### Semivolatile Organic Compounds by GCMS

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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#### Batch: BGE2066 - SW-3570

##### MB SV BT (BGE2066-BLK1)

Prepared: 5/12/2023 Analyzed: 6/2/2023

Acenaphthene	<4.99	U	4.99	ug/kg wet						
Acenaphthylene	<4.99	U	4.99	ug/kg wet						
Anthracene	<4.99	U	4.99	ug/kg wet						
Benzo(a)anthracene	<4.99	U	4.99	ug/kg wet						
Benzo(a)pyrene	<4.99	U	4.99	ug/kg wet						
benzo(b&k)fluoranthene	<9.98	U	9.98	ug/kg wet						
Benzo(g,h,i)perylene	<4.99	U	4.99	ug/kg wet						
Chrysene	<4.99	U	4.99	ug/kg wet						
Dibenzo(a,h)anthracene	<4.99	U	4.99	ug/kg wet						
Di-n-butyl phthalate	<4.99	U	4.99	ug/kg wet						
Fluoranthene	<4.99	U	4.99	ug/kg wet						
Fluorene	<4.99	U	4.99	ug/kg wet						
Indeno(1,2,3-cd) pyrene	<4.99	U	4.99	ug/kg wet						
Naphthalene	<4.99	U	4.99	ug/kg wet						
Phenanthrene	<4.99	U	4.99	ug/kg wet						
Pyrene	<4.99	U	4.99	ug/kg wet						
<hr/>										
Surrogate: 2-Fluorobiphenyl-surr			24.7	ug/kg wet	39.9		62.0	60-140		
Surrogate: Nitrobenzene-d5-surr			26.7	ug/kg wet	39.9		67.0	60-140		
Surrogate: p-Terphenyl-d14-surr			25.3	ug/kg wet	39.9		63.3	60-140		

##### BS SV BT/IDOC1 SV BT (BGE2066-BS1)

Prepared: 5/12/2023 Analyzed: 6/2/2023

Acenaphthene	31.2		4.79	ug/kg wet	38.3		81.4	60-140		
Acenaphthylene	33.3		4.79	ug/kg wet	38.3		86.8	60-140		
Anthracene	26.9		4.79	ug/kg wet	38.3		70.1	60-140		
Benzo(a)anthracene	25.7		4.79	ug/kg wet	38.3		67.1	60-140		
Benzo(a)pyrene	21.7	J1	4.79	ug/kg wet	38.3		56.6	60-140		
benzo(b&k)fluoranthene	56.7		9.58	ug/kg wet	76.6		74.0	60-140		
Benzo(g,h,i)perylene	19.3	J1	4.79	ug/kg wet	38.3		50.5	60-140		
Chrysene	16.3	J1	4.79	ug/kg wet	38.3		42.5	60-140		
Dibenzo(a,h)anthracene	18.6	J1	4.79	ug/kg wet	38.3		48.5	60-140		
Di-n-butyl phthalate	26.3		4.79	ug/kg wet	38.3		68.6	60-140		
Fluoranthene	27.3		4.79	ug/kg wet	38.3		71.3	60-140		
Fluorene	29.3		4.79	ug/kg wet	38.3		76.4	60-140		
Indeno(1,2,3-cd) pyrene	17.6	J1	4.79	ug/kg wet	38.3		45.8	60-140		
Naphthalene	24.0		4.79	ug/kg wet	38.3		62.5	60-140		
Phenanthrene	29.8		4.79	ug/kg wet	38.3		77.9	60-140		
Pyrene	12.8	J1	4.79	ug/kg wet	38.3		33.3	60-140		
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Surrogate: 2-Fluorobiphenyl-surr		S	21.1	ug/kg wet	38.3		55.0	60-140		
Surrogate: Nitrobenzene-d5-surr			27.0	ug/kg wet	38.3		70.6	60-140		
Surrogate: p-Terphenyl-d14-surr		S	20.8	ug/kg wet	38.3		54.4	60-140		

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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Quality Control**  
(Continued)

**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE2066 - SW-3570 (Continued)</b>										
<b>BSD SV BT/IDOC2 SV BT (BGE2066-bsd1)</b>										
Prepared: 5/12/2023 Analyzed: 6/2/2023										
Acenaphthene	33.1		4.95	ug/kg wet	39.6		83.7	60-140	6.04	40
Acenaphthylene	33.7		4.95	ug/kg wet	39.6		85.2	60-140	1.41	40
Anthracene	28.7		4.95	ug/kg wet	39.6		72.4	60-140	6.56	40
Benzo(a)anthracene	26.9		4.95	ug/kg wet	39.6		67.9	60-140	4.45	40
Benzo(a)pyrene	22.3	J1	4.95	ug/kg wet	39.6		56.2	60-140	2.59	40
benzo(b&k)fluoranthene	52.3		9.90	ug/kg wet	79.2		66.0	60-140	8.14	40
Benzo(g,h,i)perylene	21.4	J1	4.95	ug/kg wet	39.6		53.9	60-140	9.86	40
Chrysene	16.7	J1	4.95	ug/kg wet	39.6		42.1	60-140	2.40	40
Dibenzo(a,h)anthracene	21.2	J1	4.95	ug/kg wet	39.6		53.4	60-140	13.0	40
Di-n-butyl phthalate	30.1		4.95	ug/kg wet	39.6		75.9	60-140	13.4	40
Fluoranthene	28.0		4.95	ug/kg wet	39.6		70.8	60-140	2.65	40
Fluorene	30.2		4.95	ug/kg wet	39.6		76.3	60-140	3.20	40
Indeno(1,2,3-cd) pyrene	20.6	J1	4.95	ug/kg wet	39.6		52.0	60-140	15.9	40
Naphthalene	25.7		4.95	ug/kg wet	39.6		64.9	60-140	6.99	40
Phenanthrene	31.8		4.95	ug/kg wet	39.6		80.2	60-140	6.24	40
Pyrene	15.2	J1	4.95	ug/kg wet	39.6		38.4	60-140	17.6	40
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Surrogate: 2-Fluorobiphenyl-surr		S	22.2	ug/kg wet	39.6		56.1	60-140		
Surrogate: Nitrobenzene-d5-surr			28.8	ug/kg wet	39.6		72.8	60-140		
Surrogate: p-Terphenyl-d14-surr		S	19.9	ug/kg wet	39.6		50.3	60-140		

**MDL SV BT (BGE2066-MRL1)**

Prepared: 5/12/2023 Analyzed: 6/2/2023

Acenaphthene	4.64	J	4.73	ug/kg wet	3.78		123			
Acenaphthylene	3.86	J	4.73	ug/kg wet	3.78		102			
Anthracene	3.15	J	4.73	ug/kg wet	3.78		83.4			
Benzo(a)anthracene	3.98	J	4.73	ug/kg wet	3.78		105			
Benzo(a)pyrene	2.66	J	4.73	ug/kg wet	3.78		70.5			
benzo(b&k)fluoranthene	4.00	J	9.45	ug/kg wet	7.56		52.9			
Benzo(g,h,i)perylene	1.27	J	4.73	ug/kg wet	3.78		33.7			
Chrysene	0.791	J	4.73	ug/kg wet	3.78		20.9			
Dibenzo(a,h)anthracene	1.34	J	4.73	ug/kg wet	3.78		35.6			
Di-n-butyl phthalate	7.43		4.73	ug/kg wet	3.78		197			
Fluoranthene	3.50	J	4.73	ug/kg wet	3.78		92.7			
Fluorene	3.98	J	4.73	ug/kg wet	3.78		105			
Indeno(1,2,3-cd) pyrene	1.42	J	4.73	ug/kg wet	3.78		37.7			
Naphthalene	2.49	J	4.73	ug/kg wet	3.78		65.9			
Phenanthrene	5.01		4.73	ug/kg wet	3.78		133			
Pyrene	2.05	J	4.73	ug/kg wet	3.78		54.1			
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Surrogate: 2-Fluorobiphenyl-surr		S	20.6	ug/kg wet	37.8		54.6	60-140		
Surrogate: Nitrobenzene-d5-surr			26.6	ug/kg wet	37.8		70.4	60-140		
Surrogate: p-Terphenyl-d14-surr		S	20.3	ug/kg wet	37.8		53.6	60-140		

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Project Manager: Gregg Pawlak

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**Quality Control**  
(Continued)

**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2066 - SW-3570 (Continued)**

**23E2845-05 MS (BGE2066-MS1)**

Source: 23E2845-05

Prepared: 5/12/2023 Analyzed: 6/2/2023

Acenaphthene	165		28.4	ug/kg dry	228	<28.4	72.7	60-140		
Acenaphthylene	172		28.4	ug/kg dry	228	<28.4	75.6	60-140		
Anthracene	131	J1	28.4	ug/kg dry	228	<28.4	57.7	60-140		
Benzo(a)pyrene	126	J1	28.4	ug/kg dry	228	<28.4	55.4	60-140		
benzo(b&k)fluoranthene	260	J1	56.9	ug/kg dry	455	<56.9	57.1	60-140		
Benzo(g,h,i)perylene	99.8	J1	28.4	ug/kg dry	228	<28.4	43.9	60-140		
Dibenzo(a,h)anthracene	104	J1	28.4	ug/kg dry	228	<28.4	45.6	60-140		
Di-n-butyl phthalate	125	J1	28.4	ug/kg dry	228	<28.4	54.9	60-140		
Fluoranthene	130	J1	28.4	ug/kg dry	228	<28.4	57.2	60-140		
Fluorene	138		28.4	ug/kg dry	228	<28.4	60.6	60-140		
Indeno(1,2,3-cd) pyrene	107	J1	28.4	ug/kg dry	228	<28.4	46.9	60-140		
Naphthalene	137		28.4	ug/kg dry	228	<28.4	60.0	60-140		
Phenanthrene	156		28.4	ug/kg dry	228	<28.4	68.6	60-140		
Pyrene	44.4	J1	28.4	ug/kg dry	228	<28.4	19.5	60-140		
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Surrogate: 2-Fluorobiphenyl-surr		S	90.3	ug/kg dry	228		39.7	60-140		
Surrogate: Nitrobenzene-d5-surr			144	ug/kg dry	228		63.2	60-140		
Surrogate: p-Terphenyl-d14-surr		S	81.7	ug/kg dry	228		35.9	60-140		

**Matrix Spike (BGE2066-MS2)**

Source: 23E2845-05RE1

Prepared: 5/12/2023 Analyzed: 6/7/2023

benzo(b&k)fluoranthene	232	J1	56.9	ug/kg dry	455	<56.9	50.9	60-140		
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Surrogate: 2-Fluorobiphenyl-surr		S	128	ug/kg dry	228		56.2	60-140		
Surrogate: Nitrobenzene-d5-surr			154	ug/kg dry	228		67.7	60-140		
Surrogate: p-Terphenyl-d14-surr		S	72.1	ug/kg dry	228		31.7	60-140		

**23E2845-05 MSD (BGE2066-MSD1)**

Source: 23E2845-05

Prepared: 5/12/2023 Analyzed: 6/2/2023

Acenaphthene	202		31.5	ug/kg dry	252	<31.5	80.4	60-140	20.0	40
Acenaphthylene	227		31.5	ug/kg dry	252	<31.5	90.3	60-140	27.7	40
Anthracene	185		31.5	ug/kg dry	252	<31.5	73.5	60-140	33.9	40
Benzo(a)pyrene	166		31.5	ug/kg dry	252	<31.5	65.8	60-140	27.2	40
benzo(b&k)fluoranthene	308		62.9	ug/kg dry	504	<62.9	61.2	60-140	16.9	40
Benzo(g,h,i)perylene	126	J1	31.5	ug/kg dry	252	<31.5	49.9	60-140	22.9	40
Dibenzo(a,h)anthracene	138	J1	31.5	ug/kg dry	252	<31.5	54.8	60-140	28.1	40
Di-n-butyl phthalate	158		31.5	ug/kg dry	252	<31.5	62.7	60-140	23.3	40
Fluoranthene	157		31.5	ug/kg dry	252	<31.5	62.3	60-140	18.5	40
Fluorene	186		31.5	ug/kg dry	252	<31.5	73.9	60-140	29.7	40
Indeno(1,2,3-cd) pyrene	121	J1	31.5	ug/kg dry	252	<31.5	47.9	60-140	12.1	40
Naphthalene	172		31.5	ug/kg dry	252	<31.5	68.3	60-140	23.0	40
Phenanthrene	214		31.5	ug/kg dry	252	<31.5	85.0	60-140	31.2	40
Pyrene	48.5	J1	31.5	ug/kg dry	252	<31.5	19.3	60-140	8.85	40
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Surrogate: 2-Fluorobiphenyl-surr		S	121	ug/kg dry	252		48.2	60-140		
Surrogate: Nitrobenzene-d5-surr			193	ug/kg dry	252		76.8	60-140		
Surrogate: p-Terphenyl-d14-surr		S	94.1	ug/kg dry	252		37.4	60-140		

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**Quality Control**  
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**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2066 - SW-3570 (Continued)**

**Matrix Spike Dup (BGE2066-MSD2)**

**Source: 23E2845-05RE1**

Prepared: 5/12/2023 Analyzed: 6/7/2023

benzo(b&k)fluoranthene	291	J1	62.9	ug/kg dry	504	<62.9	57.9	60-140	22.8	40
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Surrogate: 2-Fluorobiphenyl-surr			170	ug/kg dry	252		67.6	60-140		
Surrogate: Nitrobenzene-d5-surr			195	ug/kg dry	252		77.6	60-140		
Surrogate: p-Terphenyl-d14-surr	S		98.7	ug/kg dry	252		39.2	60-140		

**Batch: BGF1307 - SW-3570**

**MB SV BT (BGF1307-BLK1)**

Prepared: 6/8/2023 Analyzed: 6/27/2023

Acenaphthene	<2.45	U	2.45	ug/kg wet						
Acenaphthylene	<2.45	U	2.45	ug/kg wet						
Anthracene	<2.45	U	2.45	ug/kg wet						
Benzo(a)anthracene	<2.45	U	2.45	ug/kg wet						
Benzo(a)pyrene	<2.45	U	2.45	ug/kg wet						
benzo(b&k)fluoranthene	<4.89	U	4.89	ug/kg wet						
Benzo(g,h,i)perylene	<2.45	U	2.45	ug/kg wet						
Bis(2-ethylhexyl )phthalate	14.6		2.45	ug/kg wet						
Chrysene	<2.45	U	2.45	ug/kg wet						
Dibenzo(a,h)anthracene	<2.45	U	2.45	ug/kg wet						
Di-n-butyl phthalate	5.21		2.45	ug/kg wet						
Fluoranthene	<2.45	U	2.45	ug/kg wet						
Fluorene	<2.45	U	2.45	ug/kg wet						
Indeno(1,2,3-cd) pyrene	<2.45	U	2.45	ug/kg wet						
Naphthalene	<2.45	U	2.45	ug/kg wet						
Phenanthrene	<2.45	U	2.45	ug/kg wet						
Pyrene	<2.45	U	2.45	ug/kg wet						
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Surrogate: 2,4,6-Tribromophenol-surr	S		28.7	ug/kg wet	157		18.4	60-140		
Surrogate: 2-Fluorobiphenyl-surr			86.9	ug/kg wet	78.3		111	60-140		
Surrogate: 2-Fluorophenol-surr	S		93.3	ug/kg wet	157		59.6	60-140		
Surrogate: Nitrobenzene-d5-surr			86.6	ug/kg wet	78.3		111	60-140		
Surrogate: Phenol-d5-surr			121	ug/kg wet	157		77.2	60-140		
Surrogate: p-Terphenyl-d14-surr			82.3	ug/kg wet	78.3		105	60-140		

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**Quality Control**  
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**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGF1307 - SW-3570 (Continued)**

**BS SV BT (BGF1307-BS1)**

Prepared: 6/8/2023 Analyzed: 6/27/2023

Acenaphthene	59.9		2.34	ug/kg wet	74.8		80.1	60-140		
Acenaphthylene	54.6		2.34	ug/kg wet	74.8		73.0	60-140		
Anthracene	49.4		2.34	ug/kg wet	74.8		66.1	60-140		
Benzo(a)anthracene	48.3		2.34	ug/kg wet	74.8		64.6	60-140		
Benzo(a)pyrene	42.6	J1	2.34	ug/kg wet	74.8		57.0	60-140		
benzo(b&k)fluoranthene	97.1		4.67	ug/kg wet	150		65.0	60-140		
Benzo(g,h,i)perylene	31.3	J1	2.34	ug/kg wet	74.8		41.8	60-140		
Bis(2-ethylhexyl )phthalate	57.3		2.34	ug/kg wet	74.8		76.7	60-140		
Chrysene	25.3	J1	2.34	ug/kg wet	74.8		33.8	60-140		
Dibenzo(a,h)anthracene	37.4	J1	2.34	ug/kg wet	74.8		50.0	60-140		
Di-n-butyl phthalate	37.8	J1	2.34	ug/kg wet	74.8		50.6	60-140		
Fluoranthene	49.5		2.34	ug/kg wet	74.8		66.2	60-140		
Fluorene	48.8		2.34	ug/kg wet	74.8		65.3	60-140		
Indeno(1,2,3-cd) pyrene	36.1	J1	2.34	ug/kg wet	74.8		48.3	60-140		
Naphthalene	54.7		2.34	ug/kg wet	74.8		73.2	60-140		
Phenanthrene	49.1		2.34	ug/kg wet	74.8		65.7	60-140		
Pyrene	18.7	J1	2.34	ug/kg wet	74.8		25.0	60-140		
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Surrogate: 2,4,6-Tribromophenol-surr		S	22.3	ug/kg wet	150		14.9	60-140		
Surrogate: 2-Fluorobiphenyl-surr			51.6	ug/kg wet	74.8		69.1	60-140		
Surrogate: 2-Fluorophenol-surr			90.5	ug/kg wet	150		60.5	60-140		
Surrogate: Nitrobenzene-d5-surr			75.1	ug/kg wet	74.8		101	60-140		
Surrogate: Phenol-d5-surr			119	ug/kg wet	150		79.6	60-140		
Surrogate: p-Terphenyl-d14-surr			54.9	ug/kg wet	74.8		73.4	60-140		

**BSD SV BT (BGF1307-BSD1)**

Prepared: 6/8/2023 Analyzed: 6/27/2023

Acenaphthene	59.4		2.32	ug/kg wet	74.2		80.1	60-140	0.723	40
Acenaphthylene	57.7		2.32	ug/kg wet	74.2		77.8	60-140	5.55	40
Anthracene	59.8		2.32	ug/kg wet	74.2		80.6	60-140	19.1	40
Benzo(a)anthracene	46.0		2.32	ug/kg wet	74.2		62.0	60-140	4.97	40
Benzo(a)pyrene	35.3	J1	2.32	ug/kg wet	74.2		47.6	60-140	18.7	40
benzo(b&k)fluoranthene	90.4		4.64	ug/kg wet	148		60.9	60-140	7.18	40
Benzo(g,h,i)perylene	24.0	J1	2.32	ug/kg wet	74.2		32.3	60-140	26.5	40
Bis(2-ethylhexyl )phthalate	58.0		2.32	ug/kg wet	74.2		78.2	60-140	1.20	40
Chrysene	34.0	J1	2.32	ug/kg wet	74.2		45.9	60-140	29.5	40
Dibenzo(a,h)anthracene	24.9	J1	2.32	ug/kg wet	74.2		33.6	60-140	40.0	40
Di-n-butyl phthalate	40.2	J1	2.32	ug/kg wet	74.2		54.1	60-140	6.00	40
Fluoranthene	52.8		2.32	ug/kg wet	74.2		71.1	60-140	6.39	40
Fluorene	50.8		2.32	ug/kg wet	74.2		68.5	60-140	3.97	40
Indeno(1,2,3-cd) pyrene	23.8	J1	2.32	ug/kg wet	74.2		32.0	60-140	41.3	40
Naphthalene	59.9		2.32	ug/kg wet	74.2		80.8	60-140	9.08	40
Phenanthrene	55.0		2.32	ug/kg wet	74.2		74.1	60-140	11.2	40
Pyrene	46.1	J1	2.32	ug/kg wet	74.2		62.1	60-140	84.7	40
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Surrogate: 2,4,6-Tribromophenol-surr		S	24.2	ug/kg wet	148		16.3	60-140		
Surrogate: 2-Fluorobiphenyl-surr			58.0	ug/kg wet	74.2		78.1	60-140		
Surrogate: 2-Fluorophenol-surr			92.6	ug/kg wet	148		62.4	60-140		

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**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGF1307 - SW-3570 (Continued)**

**BSD SV BT (BGF1307-BSD1)**

Prepared: 6/8/2023 Analyzed: 6/27/2023

Surrogate: Nitrobenzene-d5-surr	69.2		ug/kg wet	74.2		93.3	60-140			
Surrogate: Phenol-d5-surr	121		ug/kg wet	148		81.4	60-140			
Surrogate: p-Terphenyl-d14-surr	59.3		ug/kg wet	74.2		79.9	60-140			

**MDL SV BT (BGF1307-MRL1)**

Prepared: 6/8/2023 Analyzed: 6/27/2023

Acenaphthene	9.22		ug/kg wet	2.35	7.52	123	50-150			
Acenaphthylene	8.43		ug/kg wet	2.35	7.52	112	50-150			
Anthracene	7.58		ug/kg wet	2.35	7.52	101	50-150			
Benzo(a)anthracene	8.80		ug/kg wet	2.35	7.52	117	50-150			
Benzo(a)pyrene	7.90		ug/kg wet	2.35	7.52	105	50-150			
benzo(b&k)fluoranthene	14.7		ug/kg wet	4.70	15.0	97.5	50-150			
Benzo(g,h,i)perylene	7.10		ug/kg wet	2.35	7.52	94.5	50-150			
Bis(2-ethylhexyl )phthalate	21.7	J1	ug/kg wet	2.35	7.52	288	50-150			
Chrysene	6.02		ug/kg wet	2.35	7.52	80.1	50-150			
Dibenzo(a,h)anthracene	5.66		ug/kg wet	2.35	7.52	75.3	50-150			
Di-n-butyl phthalate	10.3		ug/kg wet	2.35	7.52	137	50-150			
Fluoranthene	7.42		ug/kg wet	2.35	7.52	98.6	50-150			
Fluorene	6.59		ug/kg wet	2.35	7.52	87.7	50-150			
Indeno(1,2,3-cd) pyrene	5.44		ug/kg wet	2.35	7.52	72.4	50-150			
Naphthalene	8.81		ug/kg wet	2.35	7.52	117	50-150			
Phenanthrene	7.15		ug/kg wet	2.35	7.52	95.1	50-150			
Pyrene	4.57		ug/kg wet	2.35	7.52	60.7	50-150			
Surrogate: 2,4,6-Tribromophenol-surr		S	ug/kg wet	46.0	150	30.6	60-140			
Surrogate: 2-Fluorobiphenyl-surr			ug/kg wet	76.4	75.2	102	60-140			
Surrogate: 2-Fluorophenol-surr			ug/kg wet	114	150	75.6	60-140			
Surrogate: Nitrobenzene-d5-surr			ug/kg wet	81.2	75.2	108	60-140			
Surrogate: Phenol-d5-surr			ug/kg wet	128	150	85.3	60-140			
Surrogate: p-Terphenyl-d14-surr			ug/kg wet	68.4	75.2	91.0	60-140			

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**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGF1307 - SW-3570 (Continued)**

**23E2845-11 MS (BGF1307-MS1)**

Source: 23E2845-11

Prepared: 6/8/2023 Analyzed: 6/27/2023

Acenaphthene	720		20.5	ug/kg dry	657	<20.5	110	60-140		
Acenaphthylene	680		20.5	ug/kg dry	657	<20.5	104	60-140		
Anthracene	722		20.5	ug/kg dry	657	<20.5	110	60-140		
Benzo(a)anthracene	324	J1	20.5	ug/kg dry	657	<20.5	49.3	60-140		
Benzo(a)pyrene	256	J1	20.5	ug/kg dry	657	<20.5	38.9	60-140		
benzo(b&k)fluoranthene	505	J1	41.0	ug/kg dry	1310	<41.0	38.4	60-140		
Benzo(g,h,i)perylene	70.4	J1	20.5	ug/kg dry	657	<20.5	10.7	60-140		
Bis(2-ethylhexyl )phthalate	366	J1	20.5	ug/kg dry	657	67.0	45.5	60-140		
Chrysene	473		20.5	ug/kg dry	657	<20.5	72.0	60-140		
Dibenzo(a,h)anthracene	82.4	J1	20.5	ug/kg dry	657	<20.5	12.6	60-140		
Di-n-butyl phthalate	309	J1	20.5	ug/kg dry	657	68.0	36.7	60-140		
Fluoranthene	354	J1	20.5	ug/kg dry	657	<20.5	53.9	60-140		
Fluorene	613		20.5	ug/kg dry	657	36.6	87.7	60-140		
Indeno(1,2,3-cd) pyrene	80.1	J1	20.5	ug/kg dry	657	<20.5	12.2	60-140		
Naphthalene	688		20.5	ug/kg dry	657	<20.5	105	60-140		
Phenanthrene	541		20.5	ug/kg dry	657	<20.5	82.4	60-140		
Pyrene	169	J1	20.5	ug/kg dry	657	<20.5	25.7	60-140		
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Surrogate: 2,4,6-Tribromophenol-surr	S		576	ug/kg dry	1310		43.9	60-140		
Surrogate: 2-Fluorobiphenyl-surr			857	ug/kg dry	657		130	60-140		
Surrogate: 2-Fluorophenol-surr			1030	ug/kg dry	1310		78.4	60-140		
Surrogate: Nitrobenzene-d5-surr	S		1140	ug/kg dry	657		173	60-140		
Surrogate: Phenol-d5-surr			1630	ug/kg dry	1310		124	60-140		
Surrogate: p-Terphenyl-d14-surr	S		120	ug/kg dry	657		18.3	60-140		

**23E2845-11 MSD (BGF1307-MSD1)**

Source: 23E2845-11

Prepared: 6/8/2023 Analyzed: 6/27/2023

Acenaphthene	534		19.5	ug/kg dry	626	<19.5	85.4	60-140	29.5	40
Acenaphthylene	538		19.5	ug/kg dry	626	<19.5	86.0	60-140	23.3	40
Anthracene	543		19.5	ug/kg dry	626	<19.5	86.8	60-140	28.2	40
Benzo(a)anthracene	303	J1	19.5	ug/kg dry	626	<19.5	48.5	60-140	6.45	40
Benzo(a)pyrene	273	J1	19.5	ug/kg dry	626	<19.5	43.6	60-140	6.59	40
benzo(b&k)fluoranthene	468	J1	39.1	ug/kg dry	1250	<39.1	37.4	60-140	7.64	40
Benzo(g,h,i)perylene	56.1	J1	19.5	ug/kg dry	626	<19.5	8.96	60-140	22.7	40
Bis(2-ethylhexyl )phthalate	336	J1	19.5	ug/kg dry	626	67.0	43.1	60-140	8.32	40
Chrysene	368	J1	19.5	ug/kg dry	626	<19.5	58.8	60-140	25.1	40
Dibenzo(a,h)anthracene	56.4	J1	19.5	ug/kg dry	626	<19.5	9.01	60-140	37.6	40
Di-n-butyl phthalate	211	J1	19.5	ug/kg dry	626	68.0	22.9	60-140	37.7	40
Fluoranthene	257	J1	19.5	ug/kg dry	626	<19.5	41.1	60-140	31.6	40
Fluorene	493		19.5	ug/kg dry	626	36.6	72.9	60-140	21.7	40
Indeno(1,2,3-cd) pyrene	54.1	J1	19.5	ug/kg dry	626	<19.5	8.65	60-140	38.8	40
Naphthalene	561		19.5	ug/kg dry	626	<19.5	89.6	60-140	20.4	40
Phenanthrene	426		19.5	ug/kg dry	626	<19.5	68.2	60-140	23.7	40
Pyrene	143	J1	19.5	ug/kg dry	626	<19.5	22.9	60-140	16.3	40
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Surrogate: 2,4,6-Tribromophenol-surr	S		430	ug/kg dry	1250		34.4	60-140		
Surrogate: 2-Fluorobiphenyl-surr			805	ug/kg dry	626		129	60-140		
Surrogate: 2-Fluorophenol-surr			902	ug/kg dry	1250		72.1	60-140		

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**Quality Control**  
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**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGF1307 - SW-3570 (Continued)**

**23E2845-11 MSD (BGF1307-MSD1)**

**Source: 23E2845-11**

Prepared: 6/8/2023 Analyzed: 6/27/2023

Surrogate: Nitrobenzene-d5-surr			846	ug/kg dry	626		135	60-140		
Surrogate: Phenol-d5-surr			1220	ug/kg dry	1250		97.9	60-140		
Surrogate: p-Terphenyl-d14-surr	S		129	ug/kg dry	626		20.6	60-140		

**Batch: BGF1571 - SW-3570**

**MB SV BT (BGF1571-BLK1)**

Prepared: 6/9/2023 Analyzed: 6/29/2023

Di-n-butyl phthalate	<2.49	U	2.49	ug/kg wet						
Surrogate: 2-Fluorobiphenyl-surr			93.9	ug/kg wet	79.5		118	60-140		
Surrogate: Nitrobenzene-d5-surr			89.8	ug/kg wet	79.5		113	60-140		
Surrogate: p-Terphenyl-d14-surr			59.0	ug/kg wet	79.5		74.2	60-140		

**BS SV BT (BGF1571-BS1)**

Prepared: 6/9/2023 Analyzed: 6/29/2023

Di-n-butyl phthalate	36.0	J1	2.48	ug/kg wet	79.4		45.3	60-140		
Surrogate: 2-Fluorobiphenyl-surr			66.4	ug/kg wet	79.4		83.7	60-140		
Surrogate: Nitrobenzene-d5-surr			85.3	ug/kg wet	79.4		108	60-140		
Surrogate: p-Terphenyl-d14-surr	S		39.5	ug/kg wet	79.4		49.8	60-140		

**BSD SV BT (BGF1571-BSD1)**

Prepared: 6/9/2023 Analyzed: 6/29/2023

Di-n-butyl phthalate	30.1	J1	2.49	ug/kg wet	79.7		37.7	60-140	18.0	40
Surrogate: 2-Fluorobiphenyl-surr			57.9	ug/kg wet	79.7		72.6	60-140		
Surrogate: Nitrobenzene-d5-surr			89.8	ug/kg wet	79.7		113	60-140		
Surrogate: p-Terphenyl-d14-surr	S		37.3	ug/kg wet	79.7		46.8	60-140		

**MDL SV BT (BGF1571-MRL1)**

Prepared: 6/9/2023 Analyzed: 6/29/2023

Di-n-butyl phthalate	6.82		2.39	ug/kg wet	7.65		89.2	50-150		
Surrogate: 2-Fluorobiphenyl-surr			76.0	ug/kg wet	76.5		99.3	60-140		
Surrogate: Nitrobenzene-d5-surr			97.6	ug/kg wet	76.5		128	60-140		
Surrogate: p-Terphenyl-d14-surr	S		44.0	ug/kg wet	76.5		57.6	60-140		



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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/21/2023 16:06

**Quality Control**  
(Continued)

**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGF1571 - SW-3570 (Continued)**

**23E2845-06 MS (BGF1571-MS1)**

Source: 23E2845-06

Prepared: 6/9/2023 Analyzed: 6/29/2023

Di-n-butyl phthalate	394		17.8	ug/kg dry	569	<17.8	69.2	60-140		
Surrogate: 2-Fluorobiphenyl-surr			605	ug/kg dry	569		106	60-140		
Surrogate: Nitrobenzene-d5-surr			758	ug/kg dry	569		133	60-140		
Surrogate: p-Terphenyl-d14-surr	S		85.2	ug/kg dry	569		15.0	60-140		

**23E2845-06 MSD (BGF1571-MSD1)**

Source: 23E2845-06

Prepared: 6/9/2023 Analyzed: 6/30/2023

Di-n-butyl phthalate	426		17.3	ug/kg dry	554	<17.3	76.9	60-140	7.76	40
Surrogate: 2-Fluorobiphenyl-surr			616	ug/kg dry	554		111	60-140		
Surrogate: Nitrobenzene-d5-surr	S		845	ug/kg dry	554		153	60-140		
Surrogate: p-Terphenyl-d14-surr	S		116	ug/kg dry	554		21.0	60-140		

**Batch: BGF1744 - SW-3570**

**MB SV BT (BGF1744-BLK1)**

Prepared: 6/12/2023 Analyzed: 7/7/2023

Acenaphthene	<2.40	U	2.40	ug/kg wet						
Acenaphthylene	<2.40	U	2.40	ug/kg wet						
Anthracene	<2.40	U	2.40	ug/kg wet						
Benzo(a)anthracene	<2.40	U	2.40	ug/kg wet						
Benzo(a)pyrene	<2.40	U	2.40	ug/kg wet						
benzo(b&k)fluoranthene	<4.80	U	4.80	ug/kg wet						
Benzo(g,h,i)perylene	<2.40	U	2.40	ug/kg wet						
Bis(2-ethylhexyl )phthalate	10.9		2.40	ug/kg wet						
Chrysene	<2.40	U	2.40	ug/kg wet						
Dibenzo(a,h)anthracene	<2.40	U	2.40	ug/kg wet						
Di-n-butyl phthalate	2.69		2.40	ug/kg wet						
Fluoranthene	<2.40	U	2.40	ug/kg wet						
Fluorene	<2.40	U	2.40	ug/kg wet						
Indeno(1,2,3-cd) pyrene	<2.40	U	2.40	ug/kg wet						
Naphthalene	<2.40	U	2.40	ug/kg wet						
Phenanthrene	<2.40	U	2.40	ug/kg wet						
Pyrene	<2.40	U	2.40	ug/kg wet						
Surrogate: 2-Fluorobiphenyl-surr			74.2	ug/kg wet	76.8		96.7	60-140		
Surrogate: Nitrobenzene-d5-surr			66.9	ug/kg wet	76.8		87.1	60-140		
Surrogate: p-Terphenyl-d14-surr			50.4	ug/kg wet	76.8		65.6	60-140		

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**Quality Control**  
(Continued)

**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGF1744 - SW-3570 (Continued)**

**BS SV BT (BGF1744-BS1)**

Prepared: 6/12/2023 Analyzed: 7/7/2023

Acenaphthene	86.1		2.40	ug/kg wet	76.9		112	60-140		
Acenaphthylene	83.4		2.40	ug/kg wet	76.9		108	60-140		
Anthracene	54.5		2.40	ug/kg wet	76.9		70.8	60-140		
Benzo(a)anthracene	52.9		2.40	ug/kg wet	76.9		68.8	60-140		
Benzo(a)pyrene	50.7		2.40	ug/kg wet	76.9		65.9	60-140		
benzo(b&k)fluoranthene	117		4.81	ug/kg wet	154		76.0	60-140		
Benzo(g,h,i)perylene	50.7		2.40	ug/kg wet	76.9		65.9	60-140		
Bis(2-ethylhexyl )phthalate	47.5		2.40	ug/kg wet	76.9		61.7	60-140		
Chrysene	41.4	J1	2.40	ug/kg wet	76.9		53.8	60-140		
Dibenzo(a,h)anthracene	55.5		2.40	ug/kg wet	76.9		72.2	60-140		
Di-n-butyl phthalate	48.5		2.40	ug/kg wet	76.9		63.1	60-140		
Fluoranthene	74.7		2.40	ug/kg wet	76.9		97.1	60-140		
Fluorene	80.1		2.40	ug/kg wet	76.9		104	60-140		
Indeno(1,2,3-cd) pyrene	56.6		2.40	ug/kg wet	76.9		73.6	60-140		
Naphthalene	67.1		2.40	ug/kg wet	76.9		87.2	60-140		
Phenanthrene	59.0		2.40	ug/kg wet	76.9		76.7	60-140		
Pyrene	69.8		2.40	ug/kg wet	76.9		90.8	60-140		

Surrogate: 2-Fluorobiphenyl-surr

56.4 ug/kg wet

76.9

73.3

60-140

Surrogate: Nitrobenzene-d5-surr

79.2 ug/kg wet

76.9

103

60-140

Surrogate: p-Terphenyl-d14-surr

50.9 ug/kg wet

76.9

66.2

60-140

**BSD SV BT (BGF1744-BS1)**

Prepared: 6/12/2023 Analyzed: 7/7/2023

Acenaphthene	62.5		2.49	ug/kg wet	79.7		78.4	60-140	31.8	40
Acenaphthylene	62.6		2.49	ug/kg wet	79.7		78.5	60-140	28.6	40
Anthracene	44.4	J1	2.49	ug/kg wet	79.7		55.8	60-140	20.3	40
Benzo(a)anthracene	57.4		2.49	ug/kg wet	79.7		72.0	60-140	8.09	40
Benzo(a)pyrene	52.9		2.49	ug/kg wet	79.7		66.4	60-140	4.35	40
benzo(b&k)fluoranthene	123		4.98	ug/kg wet	159		77.5	60-140	5.43	40
Benzo(g,h,i)perylene	52.3		2.49	ug/kg wet	79.7		65.7	60-140	3.19	40
Bis(2-ethylhexyl )phthalate	52.4		2.49	ug/kg wet	79.7		65.8	60-140	9.87	40
Chrysene	44.5	J1	2.49	ug/kg wet	79.7		55.9	60-140	7.30	40
Dibenzo(a,h)anthracene	57.0		2.49	ug/kg wet	79.7		71.6	60-140	2.69	40
Di-n-butyl phthalate	42.2	J1	2.49	ug/kg wet	79.7		53.0	60-140	14.0	40
Fluoranthene	57.6		2.49	ug/kg wet	79.7		72.2	60-140	25.9	40
Fluorene	62.4		2.49	ug/kg wet	79.7		78.4	60-140	24.7	40
Indeno(1,2,3-cd) pyrene	54.8		2.49	ug/kg wet	79.7		68.8	60-140	3.23	40
Naphthalene	59.8		2.49	ug/kg wet	79.7		75.0	60-140	11.5	40
Phenanthrene	54.4		2.49	ug/kg wet	79.7		68.3	60-140	8.02	40
Pyrene	58.1		2.49	ug/kg wet	79.7		72.9	60-140	18.4	40

Surrogate: 2-Fluorobiphenyl-surr

62.4 ug/kg wet

79.7

78.4

60-140

Surrogate: Nitrobenzene-d5-surr

62.7 ug/kg wet

79.7

78.7

60-140

Surrogate: p-Terphenyl-d14-surr

S

39.3 ug/kg wet

79.7

49.3

60-140

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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/21/2023 16:06

**Quality Control**  
(Continued)

**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGF1744 - SW-3570 (Continued)**

**MDL SV BT (BGF1744-MRL1)**

Prepared: 6/12/2023 Analyzed: 7/7/2023

Acenaphthene	11.0		2.47	ug/kg wet	7.89		140	50-150		
Acenaphthylene	7.99		2.47	ug/kg wet	7.89		101	50-150		
Anthracene	8.78		2.47	ug/kg wet	7.89		111	50-150		
Benzo(a)anthracene	7.35		2.47	ug/kg wet	7.89		93.1	50-150		
Benzo(a)pyrene	6.60		2.47	ug/kg wet	7.89		83.6	50-150		
benzo(b&k)fluoranthene	16.6		4.93	ug/kg wet	15.8		105	50-150		
Benzo(g,h,i)perylene	5.79		2.47	ug/kg wet	7.89		73.4	50-150		
Bis(2-ethylhexyl )phthalate	16.5	J1	2.47	ug/kg wet	7.89		209	50-150		
Chrysene	<2.47	J1, U	2.47	ug/kg wet	7.89			50-150		
Dibenzo(a,h)anthracene	7.10		2.47	ug/kg wet	7.89		90.0	50-150		
Di-n-butyl phthalate	11.4		2.47	ug/kg wet	7.89		145	50-150		
Fluoranthene	8.70		2.47	ug/kg wet	7.89		110	50-150		
Fluorene	8.16		2.47	ug/kg wet	7.89		103	50-150		
Indeno(1,2,3-cd) pyrene	5.94		2.47	ug/kg wet	7.89		75.3	50-150		
Naphthalene	7.64		2.47	ug/kg wet	7.89		96.8	50-150		
Phenanthrene	12.9	J1	2.47	ug/kg wet	7.89		163	50-150		
Pyrene	2.59	J1	2.47	ug/kg wet	7.89		32.8	50-150		
<hr/>										
Surrogate: 2-Fluorobiphenyl-surr			78.1	ug/kg wet	78.9		99.0	60-140		
Surrogate: Nitrobenzene-d5-surr			66.8	ug/kg wet	78.9		84.7	60-140		
Surrogate: p-Terphenyl-d14-surr			52.5	ug/kg wet	78.9		66.5	60-140		

**23E2845-36 MS (BGF1744-MS1)**

**Source: 23E2845-36**

Prepared: 6/12/2023 Analyzed: 7/8/2023

Acenaphthene	624		19.0	ug/kg dry	608	<19.0	103	60-140		
Acenaphthylene	608		19.0	ug/kg dry	608	<19.0	100	60-140		
Anthracene	986	J1	19.0	ug/kg dry	608	<19.0	162	60-140		
Benzo(a)anthracene	209	J1	19.0	ug/kg dry	608	<19.0	34.4	60-140		
Benzo(a)pyrene	642		19.0	ug/kg dry	608	<19.0	106	60-140		
benzo(b&k)fluoranthene	713	J1	38.0	ug/kg dry	1220	<38.0	58.7	60-140		
Benzo(g,h,i)perylene	718		19.0	ug/kg dry	608	<19.0	118	60-140		
Bis(2-ethylhexyl )phthalate	365		19.0	ug/kg dry	608	<19.0	60.0	60-140		
Chrysene	407		19.0	ug/kg dry	608	<19.0	67.0	60-140		
Dibenzo(a,h)anthracene	702		19.0	ug/kg dry	608	<19.0	116	60-140		
Di-n-butyl phthalate	658		19.0	ug/kg dry	608	53.1	99.5	60-140		
Fluoranthene	553		19.0	ug/kg dry	608	<19.0	91.0	60-140		
Fluorene	630		19.0	ug/kg dry	608	<19.0	104	60-140		
Indeno(1,2,3-cd) pyrene	654		19.0	ug/kg dry	608	<19.0	108	60-140		
Naphthalene	526		19.0	ug/kg dry	608	<19.0	86.6	60-140		
Phenanthrene	1010	J1	19.0	ug/kg dry	608	<19.0	166	60-140		
Pyrene	179	J1	19.0	ug/kg dry	608	<19.0	29.5	60-140		
<hr/>										
Surrogate: 2-Fluorobiphenyl-surr			617	ug/kg dry	608		102	60-140		
Surrogate: Nitrobenzene-d5-surr		S	323	ug/kg dry	608		53.1	60-140		
Surrogate: p-Terphenyl-d14-surr		S	125	ug/kg dry	608		20.6	60-140		

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Project: PCCA HI TISSUE CHEM  
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**Reported:**  
07/21/2023 16:06

**Quality Control**  
(Continued)

**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGF1744 - SW-3570 (Continued)</b>										
<b>23E2845-36 MSD (BGF1744-MSD1)</b>			<b>Source: 23E2845-36</b>			Prepared: 6/12/2023 Analyzed: 7/8/2023				
Acenaphthene	504		19.0	ug/kg dry	608	<19.0	82.9	60-140	21.4	40
Acenaphthylene	495		19.0	ug/kg dry	608	<19.0	81.4	60-140	20.7	40
Anthracene	666		19.0	ug/kg dry	608	<19.0	110	60-140	38.8	40
Benzo(a)anthracene	175	J1	19.0	ug/kg dry	608	<19.0	28.8	60-140	17.9	40
Benzo(a)pyrene	563		19.0	ug/kg dry	608	<19.0	92.7	60-140	13.0	40
benzo(b&k)fluoranthene	575	J1	38.0	ug/kg dry	1220	<38.0	47.3	60-140	21.5	40
Benzo(g,h,i)perylene	621		19.0	ug/kg dry	608	<19.0	102	60-140	14.5	40
Bis(2-ethylhexyl )phthalate	351	J1	19.0	ug/kg dry	608	<19.0	57.7	60-140	3.92	40
Chrysene	341	J1	19.0	ug/kg dry	608	<19.0	56.1	60-140	17.7	40
Dibenzo(a,h)anthracene	639		19.0	ug/kg dry	608	<19.0	105	60-140	9.48	40
Di-n-butyl phthalate	576		19.0	ug/kg dry	608	53.1	86.0	60-140	13.3	40
Fluoranthene	508		19.0	ug/kg dry	608	<19.0	83.6	60-140	8.49	40
Fluorene	465		19.0	ug/kg dry	608	<19.0	76.5	60-140	30.1	40
Indeno(1,2,3-cd) pyrene	593		19.0	ug/kg dry	608	<19.0	97.6	60-140	9.73	40
Naphthalene	524		19.0	ug/kg dry	608	<19.0	86.2	60-140	0.480	40
Phenanthrene	761		19.0	ug/kg dry	608	<19.0	125	60-140	28.2	40
Pyrene	171	J1	19.0	ug/kg dry	608	<19.0	28.1	60-140	4.83	40
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Surrogate: 2-Fluorobiphenyl-surr			502	ug/kg dry	608		82.7	60-140		
Surrogate: Nitrobenzene-d5-surr		J1	362	ug/kg dry	608		59.6	60-140		
Surrogate: p-Terphenyl-d14-surr		J1	123	ug/kg dry	608		20.3	60-140		



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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/21/2023 16:06

### Sample Condition Checklist

**Work Order: 23E2845**

**Check Points**

- No Custody Seals
- Yes Containers Intact
- Yes COC/Labels Agree
- Yes Received On Ice
- Yes Appropriate Containers
- Yes Appropriate Sample Volume
- No Coolers Intact
- Yes Samples Accepted

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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/21/2023 16:06

## Term and Qualifier Definitions

Item	Definition
B	Analyte was found in the associated method blank.
J	Estimated value - The reported value is between the detection limit and reporting limit.
J1	Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.
S	The surrogate recovery was outside the established laboratory recovery limit.
U	Non-detected compound.
V	Analyte was detected in both sample and method blank.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated
*	A = Accredited, N = Not Accredited or Accreditation not available
DF	Dilution Factor - the factor applied to the reported data due to sample preparation, dilution, or moisture content
MDL	Method Detection Limit - The minimum concentration of a substance (or analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. Based on standard deviation of replicate spiked samples take through all steps of the analytical procedure following 40 CFR Part 136 Appendix B.
SDL	Sample Detection Limit - The minimum concentration of a substance (analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The SDL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MDL = SDL.
MRL	Method Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The MRL is at or above the lowest calibration standard.
LRL	Laboratory Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The LRL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MRL = LRL.



June 16, 2023

## LAB REPORT

Gregg Pawlak  
Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Report ID: 20230616110719MM

RE: PCCA CDP TISSUE CHEM

The following test results meet all NELAP requirements for analytes for which certification is available. Any deviations from our quality system will be noted in the case narrative. All analyses performed by North Water District Laboratory Services, Inc. unless noted.

For questions regarding this report, contact Monica Martin at 936-321-6060.

Sincerely,

Monica O. Martin  
Chief Administrative Officer

Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

## Work Order Case Narrative

A total of 36 samples were collected on:

<u>Laboratory ID</u>	<u>Sample Name</u>	<u>Sample Date</u>
23E2848-01	MM-CDP-06-1	04/01/2023 11:00
23E2848-02	MM-CDP-06-2	04/01/2023 11:00
23E2848-03	MM-CDP-06-3	04/01/2023 11:00
23E2848-04	MM-CDP-06-4	04/01/2023 11:00
23E2848-05	MM-CDP-06-5	04/01/2023 11:00
23E2848-06	MM-CDP-07-1	04/01/2023 11:00
23E2848-07	MM-CDP-07-2	04/01/2023 11:00
23E2848-08	MM-CDP-07-3	04/01/2023 11:00
23E2848-09	MM-CDP-07-4	04/01/2023 11:00
23E2848-10	MM-CDP-07-5	04/01/2023 11:00
23E2848-11	MM-REF-1	04/01/2023 11:00
23E2848-12	MM-REF-2	04/01/2023 11:00
23E2848-13	MM-REF-3	04/01/2023 11:00
23E2848-14	MM-REF-4	04/01/2023 11:00
23E2848-15	MM-REF-5	04/01/2023 11:00
23E2848-16	MM-CDP-PRETEST-1	04/01/2023 11:00
23E2848-17	MM-CDP-PRETEST-2	04/01/2023 11:00
23E2848-18	MM-CDP-PRETEST-3	04/01/2023 11:00
23E2848-19	NV-CDP-06-1	04/01/2023 13:00
23E2848-20	NV-CDP-06-2	04/01/2023 13:00
23E2848-21	NV-CDP-06-3	04/01/2023 13:00
23E2848-22	NV-CDP-06-4	04/01/2023 13:00
23E2848-23	NV-CDP-06-5	04/01/2023 13:00
23E2848-24	NV-CDP-07-1	04/01/2023 13:00
23E2848-25	NV-CDP-07-2	04/01/2023 13:00
23E2848-26	NV-CDP-07-3	04/01/2023 13:00
23E2848-27	NV-CDP-07-4	04/01/2023 13:00
23E2848-28	NV-CDP-07-5	04/01/2023 13:00
23E2848-29	NV-REF-1	04/01/2023 13:00
23E2848-30	NV-REF-2	04/01/2023 13:00
23E2848-31	NV-REF-3	04/01/2023 13:00
23E2848-32	NV-REF-4	04/01/2023 13:00
23E2848-33	NV-REF-5	04/01/2023 13:00
23E2848-34	NV-CDP-PRETEST-1	04/01/2023 13:00
23E2848-35	NV-CDP-PRETEST-2	04/01/2023 13:00
23E2848-36	NV-CDP-PRETEST-3	04/01/2023 13:00

Samples were received and accepted at NWDLS on 05/10/2023 15:00. Samples were held in freezer storage until digestion and/or extraction began for all tests, including subcontracted tests. Any receiving discrepancies are recorded and stored in NWDLS' database. The samples received a Work Order of 23E2848. The lab sample IDs, client sample IDs, and dates of collection can be found at the top of each result page.

NWDLS provided their lowest detection limit for all requested analyses. Note that detection and reporting limits are adjusted to account for sample specific parameters.

Any QC that did not meet the laboratory specified control limits was flagged and reported with qualifiers. For additional





Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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information, please refer to the included quality control data pages.



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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### Sample Results

Client Sample ID: MM-CDP-06-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-01      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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#### Semivolatile Organic Compounds by GCMS

SW-8270	Phenol, Total	A	415V	ug/kg dry	1	44.6	44.6	BGE4170	06/05/2023 02:34	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>14.7% S</i>	<i>60-140</i>					<i>06/05/2023 02:34</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>57.1% S</i>	<i>60-140</i>					<i>06/05/2023 02:34</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>64.6%</i>	<i>60-140</i>					<i>06/05/2023 02:34</i>	

#### Metals, Total

EPA 200.8	Antimony	N	<0.0152U	mg/kg dry	1	0.0152	0.189	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Arsenic	N	10.4	mg/kg dry	1	0.0233	0.0947	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Beryllium	N	0.0116J	mg/kg dry	1	0.00189	0.0379	BGE2506	06/08/2023 15:40	TBB
EPA 200.8	Cadmium	N	0.385	mg/kg dry	1	0.00598	0.189	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Chromium	N	0.455V, J	mg/kg dry	1	0.0139	0.568	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Copper	N	10.9V	mg/kg dry	1	0.0165	0.189	BGE2506	06/02/2023 09:58	TBB
SW-7471B	Mercury	A	<0.0466U	mg/kg dry	1	0.0466	0.0931	BGE3654	06/07/2023 13:28	AKR
EPA 200.8	Lead	N	0.251V	mg/kg dry	1	0.0143	0.0947	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Nickel	N	3.25V	mg/kg dry	1	0.00335	0.189	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Selenium	N	1.43	mg/kg dry	1	0.208	0.379	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Thallium	N	0.00341J	mg/kg dry	1	0.00131	0.0947	BGE2506	06/02/2023 09:58	TBB
EPA 200.8	Zinc	N	106V	mg/kg dry	5	0.356	1.89	BGE2506	06/08/2023 15:50	TBB

#### General Chemistry

SM 2540 G	% Solids	A	10.6V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-1	Sample Matrix: Tissue
Lab Sample ID: 23E2848-01RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.158	mg/kg dry	1	0.00133	0.0939	BGF0506	06/09/2023 13:24	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-2      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-02      Date Collected: 04/01/2023 11:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	480V	ug/kg dry	1	47.4	47.4	BGE4170	06/05/2023 02:00	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>39.0% S</i>	<i>60-140</i>					<i>06/05/2023 02:00</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>75.0%</i>	<i>60-140</i>					<i>06/05/2023 02:00</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>69.8%</i>	<i>60-140</i>					<i>06/05/2023 02:00</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0154U	mg/kg dry	1	0.0154	0.192	BGE2506	06/02/2023 10:13	TBB
EPA 200.8	Arsenic	N	9.79A	mg/kg dry	5	0.118	0.479	BGE2506	06/02/2023 10:23	TBB
EPA 200.8	Beryllium	N	0.0148J	mg/kg dry	1	0.00192	0.0383	BGE2506	06/08/2023 15:52	TBB
EPA 200.8	Cadmium	N	0.413	mg/kg dry	1	0.00605	0.192	BGE2506	06/02/2023 10:13	TBB
EPA 200.8	Chromium	N	0.317A, V, J	mg/kg dry	5	0.0704	2.87	BGE2506	06/02/2023 10:23	TBB
EPA 200.8	Copper	N	11.2A, V	mg/kg dry	5	0.0833	0.958	BGE2506	06/02/2023 10:23	TBB
SW-7471B	Mercury	A	<0.0479U	mg/kg dry	1	0.0479	0.0958	BGE3654	06/07/2023 13:32	AKR
EPA 200.8	Lead	N	0.285V	mg/kg dry	1	0.0145	0.0958	BGE2506	06/02/2023 10:13	TBB
EPA 200.8	Nickel	N	3.52A, V	mg/kg dry	5	0.0170	0.958	BGE2506	06/02/2023 10:23	TBB
EPA 200.8	Selenium	N	1.54A	mg/kg dry	1	0.211	0.383	BGE2506	06/02/2023 10:13	TBB
EPA 200.8	Thallium	N	0.00383J	mg/kg dry	1	0.00132	0.0958	BGE2506	06/02/2023 10:13	TBB
EPA 200.8	Zinc	N	114V	mg/kg dry	10	0.719	3.83	BGE2506	06/08/2023 12:40	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.4V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-2	Sample Matrix: Tissue
Lab Sample ID: 23E2848-02RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.143	mg/kg dry	1	0.00134	0.0947	BGF0506	06/09/2023 13:31	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-03      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	37.7V	ug/kg dry	1	25.5	25.5	BGE4170	06/05/2023 03:09	KRB
SW-8270	Phenol, Total	A	537V	ug/kg dry	1	51.0	51.0	BGE4170	06/05/2023 03:09	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>16.3% S</i>	<i>60-140</i>					<i>06/05/2023 03:09</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>60.2%</i>	<i>60-140</i>					<i>06/05/2023 03:09</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>66.8%</i>	<i>60-140</i>					<i>06/05/2023 03:09</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0175U	mg/kg dry	1	0.0175	0.217	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Arsenic	N	10.9	mg/kg dry	1	0.0267	0.108	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Beryllium	N	0.0180J	mg/kg dry	1	0.00217	0.0434	BGE2506	06/08/2023 15:57	TBB
EPA 200.8	Cadmium	N	0.441	mg/kg dry	1	0.00685	0.217	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Chromium	N	0.372V, J	mg/kg dry	1	0.0159	0.651	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Copper	N	11.0V	mg/kg dry	1	0.0189	0.217	BGE2506	06/02/2023 10:25	TBB
SW-7471B	Mercury	A	<0.0506U	mg/kg dry	1	0.0506	0.101	BGE3654	06/07/2023 13:35	AKR
EPA 200.8	Lead	N	0.326V	mg/kg dry	1	0.0164	0.108	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Nickel	N	3.91V	mg/kg dry	1	0.00384	0.217	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Selenium	N	1.55	mg/kg dry	1	0.239	0.434	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Thallium	N	0.00607J	mg/kg dry	1	0.00150	0.108	BGE2506	06/02/2023 10:25	TBB
EPA 200.8	Zinc	N	133V	mg/kg dry	10	0.814	4.34	BGE2506	06/08/2023 12:43	TBB

**General Chemistry**

SM 2540 G	% Solids	A	9.19V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-3	Sample Matrix: Tissue
Lab Sample ID: 23E2848-03RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.129	mg/kg dry	1	0.00151	0.106	BGF0506	06/09/2023 13:34	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-04      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	460V	ug/kg dry	1	42.8	42.8	BGE4170	06/05/2023 03:44	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>20.5% S</i>	<i>60-140</i>					<i>06/05/2023 03:44</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>59.3% S</i>	<i>60-140</i>					<i>06/05/2023 03:44</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>62.9%</i>	<i>60-140</i>					<i>06/05/2023 03:44</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0153U	mg/kg dry	1	0.0153	0.191	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Arsenic	N	10.6	mg/kg dry	1	0.0234	0.0953	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Beryllium	N	0.0114J	mg/kg dry	5	0.00953	0.191	BGE2506	06/08/2023 12:53	TBB
EPA 200.8	Cadmium	N	0.337	mg/kg dry	1	0.00602	0.191	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Chromium	N	0.358V, J	mg/kg dry	1	0.0140	0.572	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Copper	N	9.10V	mg/kg dry	1	0.0166	0.191	BGE2506	06/02/2023 10:30	TBB
SW-7471B	Mercury	A	<0.0443U	mg/kg dry	1	0.0443	0.0886	BGE3654	06/07/2023 13:38	AKR
EPA 200.8	Lead	N	0.318V	mg/kg dry	1	0.0144	0.0953	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Nickel	N	2.40V	mg/kg dry	1	0.00337	0.191	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Selenium	N	1.36	mg/kg dry	1	0.210	0.381	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Thallium	N	0.00324J	mg/kg dry	1	0.00131	0.0953	BGE2506	06/02/2023 10:30	TBB
EPA 200.8	Zinc	N	94.9V	mg/kg dry	5	0.358	1.91	BGE2506	06/08/2023 12:53	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.5V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-4	Sample Matrix: Tissue
Lab Sample ID: 23E2848-04RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.101	mg/kg dry	1	0.00132	0.0930	BGF0506	06/09/2023 13:36	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-05      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	628V	ug/kg dry	1	43.4	43.4	BGE4170	06/05/2023 04:18	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>7.95% S</i>	<i>60-140</i>					<i>06/05/2023 04:18</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>69.5%</i>	<i>60-140</i>					<i>06/05/2023 04:18</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>74.5%</i>	<i>60-140</i>					<i>06/05/2023 04:18</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0147U	mg/kg dry	1	0.0147	0.183	BGE2506	06/02/2023 10:35	TBB
EPA 200.8	Arsenic	N	9.14A	mg/kg dry	5	0.112	0.457	BGE2506	06/02/2023 10:38	TBB
EPA 200.8	Beryllium	N	0.0132J	mg/kg dry	1	0.00183	0.0365	BGE2506	06/08/2023 12:55	TBB
EPA 200.8	Cadmium	N	0.416	mg/kg dry	1	0.00577	0.183	BGE2506	06/02/2023 10:35	TBB
EPA 200.8	Chromium	N	0.285A, V, J	mg/kg dry	5	0.0671	2.74	BGE2506	06/02/2023 10:38	TBB
EPA 200.8	Copper	N	10.7A, V	mg/kg dry	5	0.0795	0.913	BGE2506	06/02/2023 10:38	TBB
SW-7471B	Mercury	A	<0.0444U	mg/kg dry	1	0.0444	0.0887	BGE3654	06/07/2023 13:41	AKR
EPA 200.8	Lead	N	0.300V	mg/kg dry	1	0.0138	0.0913	BGE2506	06/02/2023 10:35	TBB
EPA 200.8	Nickel	N	3.05A, V	mg/kg dry	5	0.0162	0.913	BGE2506	06/02/2023 10:38	TBB
EPA 200.8	Selenium	N	1.42A	mg/kg dry	1	0.201	0.365	BGE2506	06/02/2023 10:35	TBB
EPA 200.8	Thallium	N	0.00329J	mg/kg dry	1	0.00126	0.0913	BGE2506	06/02/2023 10:35	TBB
EPA 200.8	Zinc	N	107V	mg/kg dry	5	0.343	1.83	BGE2506	06/08/2023 12:58	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.9V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-06-5	Sample Matrix: Tissue
Lab Sample ID: 23E2848-05RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.157	mg/kg dry	1	0.00129	0.0906	BGF0506	06/09/2023 13:39	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-1  
Lab Sample ID: 23E2848-06  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	50.2V	ug/kg dry	1	20.3	20.3	BGE4170	06/05/2023 04:53	KRB
SW-8270	Di-n-butyl phthalate	A	51.5V	ug/kg dry	1	20.3	20.3	BGE4170	06/05/2023 04:53	KRB
SW-8270	Di-n-octyl phthalate	A	<20.3U	ug/kg dry	1	20.3	20.3	BGE4170	06/05/2023 04:53	KRB
SW-8270	Phenol, Total	A	626V	ug/kg dry	1	40.7	40.7	BGE4170	06/05/2023 04:53	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>16.3% S</i>	<i>60-140</i>					<i>06/05/2023 04:53</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>42.5% S</i>	<i>60-140</i>					<i>06/05/2023 04:53</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>72.1%</i>	<i>60-140</i>					<i>06/05/2023 04:53</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>84.3%</i>	<i>60-140</i>					<i>06/05/2023 04:53</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>78.2%</i>	<i>60-140</i>					<i>06/05/2023 04:53</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>43.0% S</i>	<i>60-140</i>					<i>06/05/2023 04:53</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0136U	mg/kg dry	1	0.0136	0.169	BGE2506	06/02/2023 10:40	TBB
EPA 200.8	Arsenic	N	10.5A	mg/kg dry	5	0.104	0.423	BGE2506	06/02/2023 10:42	TBB
EPA 200.8	Beryllium	N	0.0132J	mg/kg dry	1	0.00169	0.0338	BGE2506	06/08/2023 13:10	TBB
EPA 200.8	Cadmium	N	0.443	mg/kg dry	1	0.00535	0.169	BGE2506	06/02/2023 10:40	TBB
EPA 200.8	Chromium	N	0.246A, V, J	mg/kg dry	5	0.0622	2.54	BGE2506	06/02/2023 10:42	TBB
EPA 200.8	Copper	N	11.3A, V	mg/kg dry	5	0.0736	0.846	BGE2506	06/02/2023 10:42	TBB
SW-7471B	Mercury	A	<0.0408U	mg/kg dry	1	0.0408	0.0816	BGE3654	06/07/2023 13:45	AKR
EPA 200.8	Lead	N	0.415V	mg/kg dry	1	0.0128	0.0846	BGE2506	06/02/2023 10:40	TBB
EPA 200.8	Nickel	N	2.81A, V	mg/kg dry	5	0.0150	0.846	BGE2506	06/02/2023 10:42	TBB
EPA 200.8	Selenium	N	1.58A	mg/kg dry	1	0.186	0.338	BGE2506	06/02/2023 10:40	TBB
EPA 200.8	Thallium	N	0.00525J	mg/kg dry	1	0.00117	0.0846	BGE2506	06/02/2023 10:40	TBB
EPA 200.8	Zinc	N	105V	mg/kg dry	5	0.318	1.69	BGE2506	06/08/2023 13:12	TBB

**General Chemistry**

SM 2540 G	% Solids	A	11.9V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-1	Sample Matrix: Tissue
Lab Sample ID: 23E2848-06RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.125	mg/kg dry	1	0.00118	0.0833	BGF0506	06/09/2023 15:19	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-2      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-07      Date Collected: 04/01/2023 11:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	96.9V	ug/kg dry	1	23.6	23.6	BGE4170	06/05/2023 05:28	KRB
SW-8270	Di-n-butyl phthalate	A	59.8V	ug/kg dry	1	23.6	23.6	BGE4170	06/05/2023 05:28	KRB
SW-8270	Di-n-octyl phthalate	A	<23.6U	ug/kg dry	1	23.6	23.6	BGE4170	06/05/2023 05:28	KRB
SW-8270	Phenol, Total	A	752V	ug/kg dry	1	47.2	47.2	BGE4170	06/05/2023 05:28	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>23.2% S</i>	<i>60-140</i>					<i>06/05/2023 05:28</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>47.5% S</i>	<i>60-140</i>					<i>06/05/2023 05:28</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>76.1%</i>	<i>60-140</i>					<i>06/05/2023 05:28</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>94.0%</i>	<i>60-140</i>					<i>06/05/2023 05:28</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>93.4%</i>	<i>60-140</i>					<i>06/05/2023 05:28</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>50.4% S</i>	<i>60-140</i>					<i>06/05/2023 05:28</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0156U	mg/kg dry	1	0.0156	0.193	BGE2506	06/02/2023 10:45	TBB
EPA 200.8	Arsenic	N	11.6A	mg/kg dry	5	0.119	0.484	BGE2506	06/02/2023 10:55	TBB
EPA 200.8	Beryllium	N	0.0161J	mg/kg dry	1	0.00193	0.0387	BGE2506	06/08/2023 13:15	TBB
EPA 200.8	Cadmium	N	0.688	mg/kg dry	1	0.00611	0.193	BGE2506	06/02/2023 10:45	TBB
EPA 200.8	Chromium	N	0.414A, V, J	mg/kg dry	5	0.0711	2.90	BGE2506	06/02/2023 10:55	TBB
EPA 200.8	Copper	N	13.6A, V	mg/kg dry	5	0.0842	0.967	BGE2506	06/02/2023 10:55	TBB
SW-7471B	Mercury	A	<0.0484U	mg/kg dry	1	0.0484	0.0967	BGE3654	06/07/2023 13:55	AKR
EPA 200.8	Lead	N	0.472V	mg/kg dry	1	0.0146	0.0967	BGE2506	06/02/2023 10:45	TBB
EPA 200.8	Nickel	N	3.80A, V	mg/kg dry	5	0.0171	0.967	BGE2506	06/02/2023 10:55	TBB
EPA 200.8	Selenium	N	1.90A	mg/kg dry	1	0.213	0.387	BGE2506	06/02/2023 10:45	TBB
EPA 200.8	Thallium	N	0.00484J	mg/kg dry	1	0.00133	0.0967	BGE2506	06/02/2023 10:45	TBB
EPA 200.8	Zinc	N	134V	mg/kg dry	5	0.363	1.93	BGE2506	06/08/2023 13:17	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.3V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-2	Sample Matrix: Tissue
Lab Sample ID: 23E2848-07RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.178	mg/kg dry	1	0.00133	0.0937	BGF0506	06/09/2023 15:21	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-3  
Lab Sample ID: 23E2848-08  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	80.5V	ug/kg dry	1	20.0	20.0	BGE4170	06/05/2023 06:02	KRB
SW-8270	Di-n-butyl phthalate	A	57.0V	ug/kg dry	1	20.0	20.0	BGE4170	06/05/2023 06:02	KRB
SW-8270	Di-n-octyl phthalate	A	<20.0U	ug/kg dry	1	20.0	20.0	BGE4170	06/05/2023 06:02	KRB
SW-8270	Phenol, Total	A	621V	ug/kg dry	1	39.9	39.9	BGE4170	06/05/2023 06:02	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>20.0% S</i>	<i>60-140</i>					<i>06/05/2023 06:02</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>43.3% S</i>	<i>60-140</i>					<i>06/05/2023 06:02</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>75.7%</i>	<i>60-140</i>					<i>06/05/2023 06:02</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>76.9%</i>	<i>60-140</i>					<i>06/05/2023 06:02</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>84.9%</i>	<i>60-140</i>					<i>06/05/2023 06:02</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>49.4% S</i>	<i>60-140</i>					<i>06/05/2023 06:02</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0147U	mg/kg dry	1	0.0147	0.183	BGE2506	06/02/2023 15:42	TBB
EPA 200.8	Arsenic	N	11.3	mg/kg dry	1	0.0225	0.0915	BGE2506	06/02/2023 10:57	TBB
EPA 200.8	Beryllium	N	0.0141J	mg/kg dry	1	0.00183	0.0366	BGE2506	06/08/2023 13:22	TBB
EPA 200.8	Cadmium	N	0.524	mg/kg dry	1	0.00578	0.183	BGE2506	06/02/2023 10:57	TBB
EPA 200.8	Chromium	N	0.218V, J	mg/kg dry	1	0.0134	0.549	BGE2506	06/02/2023 10:57	TBB
EPA 200.8	Copper	N	10.8V	mg/kg dry	1	0.0159	0.183	BGE2506	06/02/2023 10:57	TBB
SW-7471B	Mercury	A	<0.0429U	mg/kg dry	1	0.0429	0.0858	BGE3654	06/07/2023 13:58	AKR
EPA 200.8	Lead	N	0.374V	mg/kg dry	1	0.0138	0.0915	BGE2506	06/02/2023 15:42	TBB
EPA 200.8	Nickel	N	3.29V	mg/kg dry	1	0.00324	0.183	BGE2506	06/02/2023 10:57	TBB
EPA 200.8	Selenium	N	1.74	mg/kg dry	1	0.201	0.366	BGE2506	06/08/2023 13:22	TBB
EPA 200.8	Thallium	N	0.00403J	mg/kg dry	1	0.00126	0.0915	BGE2506	06/02/2023 10:57	TBB
EPA 200.8	Zinc	N	112V	mg/kg dry	5	0.344	1.83	BGE2506	06/08/2023 13:25	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.9V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-3	Sample Matrix: Tissue
Lab Sample ID: 23E2848-08RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.132	mg/kg dry	1	0.00129	0.0908	BGF0506	06/09/2023 15:24	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-4  
Lab Sample ID: 23E2848-09  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	80.8V	ug/kg dry	1	21.5	21.5	BGE4170	06/05/2023 06:37	KRB
SW-8270	Di-n-butyl phthalate	A	51.9V	ug/kg dry	1	21.5	21.5	BGE4170	06/05/2023 06:37	KRB
SW-8270	Di-n-octyl phthalate	A	<21.5U	ug/kg dry	1	21.5	21.5	BGE4170	06/05/2023 06:37	KRB
SW-8270	Phenol, Total	A	829V	ug/kg dry	1	42.9	42.9	BGE4170	06/05/2023 06:37	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>12.1% S</i>	<i>60-140</i>					<i>06/05/2023 06:37</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>46.1% S</i>	<i>60-140</i>					<i>06/05/2023 06:37</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>70.3%</i>	<i>60-140</i>					<i>06/05/2023 06:37</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>76.8%</i>	<i>60-140</i>					<i>06/05/2023 06:37</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>76.3%</i>	<i>60-140</i>					<i>06/05/2023 06:37</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>45.2% S</i>	<i>60-140</i>					<i>06/05/2023 06:37</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0150U	mg/kg dry	1	0.0150	0.186	BGE2506	06/02/2023 15:47	TBB
EPA 200.8	Arsenic	N	9.07A	mg/kg dry	5	0.114	0.465	BGE2506	06/02/2023 11:05	TBB
EPA 200.8	Beryllium	N	0.0128J	mg/kg dry	1	0.00186	0.0372	BGE2506	06/08/2023 13:27	TBB
EPA 200.8	Cadmium	N	0.526	mg/kg dry	1	0.00588	0.186	BGE2506	06/02/2023 11:02	TBB
EPA 200.8	Chromium	N	0.241A, V, J	mg/kg dry	5	0.0683	2.79	BGE2506	06/02/2023 11:05	TBB
EPA 200.8	Copper	N	11.7A, V	mg/kg dry	5	0.0809	0.930	BGE2506	06/02/2023 11:05	TBB
SW-7471B	Mercury	A	<0.0452U	mg/kg dry	1	0.0452	0.0903	BGE3654	06/07/2023 14:01	AKR
EPA 200.8	Lead	N	0.444V	mg/kg dry	1	0.0140	0.0930	BGE2506	06/02/2023 15:47	TBB
EPA 200.8	Nickel	N	3.14A, V	mg/kg dry	5	0.0165	0.930	BGE2506	06/02/2023 11:05	TBB
EPA 200.8	Selenium	N	1.64	mg/kg dry	1	0.205	0.372	BGE2506	06/08/2023 13:27	TBB
EPA 200.8	Thallium	N	0.00409J	mg/kg dry	1	0.00128	0.0930	BGE2506	06/02/2023 11:02	TBB
EPA 200.8	Zinc	N	119V	mg/kg dry	5	0.349	1.86	BGE2506	06/08/2023 13:30	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.7V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-4	Sample Matrix: Tissue
Lab Sample ID: 23E2848-09RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.141	mg/kg dry	1	0.00130	0.0919	BGF0506	06/09/2023 15:26	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-5      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-10      Date Collected: 04/01/2023 11:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	85.0V	ug/kg dry	1	24.4	24.4	BGE4170	06/05/2023 07:11	KRB
SW-8270	Di-n-butyl phthalate	A	55.3V	ug/kg dry	1	24.4	24.4	BGE4170	06/05/2023 07:11	KRB
SW-8270	Di-n-octyl phthalate	A	<24.4U	ug/kg dry	1	24.4	24.4	BGE4170	06/05/2023 07:11	KRB
SW-8270	Phenol, Total	A	825V	ug/kg dry	1	48.8	48.8	BGE4170	06/05/2023 07:11	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>12.0% S</i>	<i>60-140</i>					<i>06/05/2023 07:11</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>40.5% S</i>	<i>60-140</i>					<i>06/05/2023 07:11</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>73.8%</i>	<i>60-140</i>					<i>06/05/2023 07:11</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>82.1%</i>	<i>60-140</i>					<i>06/05/2023 07:11</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>73.5%</i>	<i>60-140</i>					<i>06/05/2023 07:11</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>31.3% S</i>	<i>60-140</i>					<i>06/05/2023 07:11</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0163U	mg/kg dry	1	0.0163	0.202	BGE2506	06/02/2023 15:52	TBB
EPA 200.8	Arsenic	N	12.1	mg/kg dry	1	0.0249	0.101	BGE2506	06/15/2023 12:33	TBB
EPA 200.8	Beryllium	N	0.0115J	mg/kg dry	1	0.00202	0.0405	BGE2506	06/08/2023 13:42	TBB
EPA 200.8	Cadmium	N	0.561	mg/kg dry	1	0.00640	0.202	BGE2506	06/02/2023 11:07	TBB
EPA 200.8	Chromium	N	0.369V, J	mg/kg dry	1	0.0149	0.607	BGE2506	06/02/2023 15:52	TBB
EPA 200.8	Copper	N	13.4V	mg/kg dry	1	0.0176	0.202	BGE2506	06/02/2023 15:52	TBB
SW-7471B	Mercury	A	<0.0510U	mg/kg dry	1	0.0510	0.102	BGE3654	06/07/2023 14:05	AKR
EPA 200.8	Lead	N	0.441V	mg/kg dry	1	0.0153	0.101	BGE2506	06/02/2023 15:52	TBB
EPA 200.8	Nickel	N	3.43V	mg/kg dry	1	0.00358	0.202	BGE2506	06/02/2023 15:52	TBB
EPA 200.8	Selenium	N	1.71	mg/kg dry	1	0.223	0.405	BGE2506	06/08/2023 13:42	TBB
EPA 200.8	Thallium	N	0.00364J	mg/kg dry	1	0.00140	0.101	BGE2506	06/02/2023 11:07	TBB
EPA 200.8	Zinc	N	116V	mg/kg dry	5	0.380	2.02	BGE2506	06/08/2023 13:44	TBB

**General Chemistry**

SM 2540 G	% Solids	A	9.80V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-07-5	Sample Matrix: Tissue
Lab Sample ID: 23E2848-10RE1	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.136	mg/kg dry	1	0.00143	0.100	BGF0506	06/09/2023 15:29	TBB
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Terracon\_Houston  
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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: MM-REF-1  
Lab Sample ID: 23E2848-11  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	58.1V	ug/kg dry	1	20.7	20.7	BGE4145	06/01/2023 07:56	KRB
SW-8270	Phenol, Total	A	533V	ug/kg dry	1	41.3	41.3	BGE4145	06/01/2023 07:56	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>25.7% S</i>	<i>60-140</i>					<i>06/01/2023 07:56</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>63.8%</i>	<i>60-140</i>					<i>06/01/2023 07:56</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>74.8%</i>	<i>60-140</i>					<i>06/01/2023 07:56</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>87.0%</i>	<i>60-140</i>					<i>06/01/2023 07:56</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>53.7% S</i>	<i>60-140</i>					<i>06/01/2023 07:56</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>47.6% S</i>	<i>60-140</i>					<i>06/01/2023 07:56</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0144U	mg/kg dry	1	0.0144	0.179	BGE2506	06/02/2023 15:57	TBB
EPA 200.8	Arsenic	N	11.1	mg/kg dry	1	0.0220	0.0893	BGE2506	06/15/2023 12:38	TBB
EPA 200.8	Beryllium	N	0.0107J	mg/kg dry	1	0.00179	0.0357	BGE2506	06/08/2023 13:49	TBB
EPA 200.8	Cadmium	N	0.402	mg/kg dry	1	0.00564	0.179	BGE2506	06/02/2023 11:12	TBB
EPA 200.8	Chromium	N	0.371V, J	mg/kg dry	1	0.0131	0.536	BGE2506	06/02/2023 15:57	TBB
EPA 200.8	Copper	N	12.7V	mg/kg dry	1	0.0155	0.179	BGE2506	06/02/2023 15:57	TBB
SW-7471B	Mercury	A	<0.0419U	mg/kg dry	1	0.0419	0.0837	BGE3654	06/07/2023 14:08	AKR
EPA 200.8	Lead	N	0.414V	mg/kg dry	1	0.0135	0.0893	BGE2506	06/02/2023 15:57	TBB
EPA 200.8	Nickel	N	3.05V	mg/kg dry	1	0.00316	0.179	BGE2506	06/02/2023 15:57	TBB
EPA 200.8	Selenium	N	1.62	mg/kg dry	1	0.196	0.357	BGE2506	06/08/2023 13:49	TBB
EPA 200.8	Thallium	N	0.00304J	mg/kg dry	1	0.00123	0.0893	BGE2506	06/02/2023 11:12	TBB
EPA 200.8	Zinc	N	103V	mg/kg dry	5	0.335	1.79	BGE2506	06/08/2023 13:52	TBB

**General Chemistry**

SM 2540 G	% Solids	A	11.2V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: MM-REF-3  
Lab Sample ID: 23E2848-13  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	43.8V	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 09:05	KRB
SW-8270	Phenol, Total	A	666V	ug/kg dry	1	44.9	44.9	BGE4145	06/01/2023 09:05	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>13.2% S</i>	<i>60-140</i>					<i>06/01/2023 09:05</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>52.8% S</i>	<i>60-140</i>					<i>06/01/2023 09:05</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>70.2%</i>	<i>60-140</i>					<i>06/01/2023 09:05</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>84.9%</i>	<i>60-140</i>					<i>06/01/2023 09:05</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>57.9% S</i>	<i>60-140</i>					<i>06/01/2023 09:05</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>37.9% S</i>	<i>60-140</i>					<i>06/01/2023 09:05</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0151U	mg/kg dry	1	0.0151	0.188	BGE2506	06/02/2023 16:24	TBB
EPA 200.8	Arsenic	N	12.2	mg/kg dry	1	0.0231	0.0938	BGE2506	06/02/2023 11:39	TBB
EPA 200.8	Beryllium	N	0.0137J	mg/kg dry	1	0.00188	0.0375	BGE2506	06/08/2023 14:26	TBB
EPA 200.8	Cadmium	N	0.432	mg/kg dry	1	0.00593	0.188	BGE2506	06/02/2023 11:39	TBB
EPA 200.8	Chromium	N	0.235V, J	mg/kg dry	1	0.0138	0.563	BGE2506	06/02/2023 11:39	TBB
EPA 200.8	Copper	N	9.34V	mg/kg dry	1	0.0163	0.188	BGE2506	06/02/2023 11:39	TBB
SW-7471B	Mercury	A	<0.0452U	mg/kg dry	1	0.0452	0.0904	BGE3654	06/07/2023 14:11	AKR
EPA 200.8	Lead	N	0.301V	mg/kg dry	1	0.0142	0.0938	BGE2506	06/02/2023 16:24	TBB
EPA 200.8	Nickel	N	3.25V	mg/kg dry	1	0.00332	0.188	BGE2506	06/02/2023 11:39	TBB
EPA 200.8	Selenium	N	1.59	mg/kg dry	1	0.206	0.375	BGE2506	06/08/2023 14:26	TBB
EPA 200.8	Thallium	N	0.00225J	mg/kg dry	1	0.00129	0.0938	BGE2506	06/02/2023 11:39	TBB
EPA 200.8	Zinc	N	107V	mg/kg dry	5	0.352	1.88	BGE2506	06/08/2023 14:29	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.5V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: MM-REF-4  
Lab Sample ID: 23E2848-14  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	50.3V	ug/kg dry	1	22.9	22.9	BGE4145	06/01/2023 09:39	KRB
SW-8270	Phenol, Total	A	587V	ug/kg dry	1	45.9	45.9	BGE4145	06/01/2023 09:39	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>15.5% S</i>	<i>60-140</i>					<i>06/01/2023 09:39</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>57.1% S</i>	<i>60-140</i>					<i>06/01/2023 09:39</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>69.4%</i>	<i>60-140</i>					<i>06/01/2023 09:39</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>91.4%</i>	<i>60-140</i>					<i>06/01/2023 09:39</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>52.3% S</i>	<i>60-140</i>					<i>06/01/2023 09:39</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>47.9% S</i>	<i>60-140</i>					<i>06/01/2023 09:39</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0155U	mg/kg dry	1	0.0155	0.192	BGE2506	06/02/2023 16:29	TBB
EPA 200.8	Arsenic	N	10.3A	mg/kg dry	5	0.118	0.481	BGE2506	06/02/2023 11:46	TBB
EPA 200.8	Beryllium	N	0.0142J	mg/kg dry	1	0.00192	0.0385	BGE2506	06/08/2023 14:31	TBB
EPA 200.8	Cadmium	N	0.435	mg/kg dry	1	0.00608	0.192	BGE2506	06/02/2023 11:44	TBB
EPA 200.8	Chromium	N	0.339A, V, J	mg/kg dry	5	0.0707	2.89	BGE2506	06/02/2023 11:46	TBB
EPA 200.8	Copper	N	10.9A, V	mg/kg dry	5	0.0837	0.962	BGE2506	06/02/2023 11:46	TBB
SW-7471B	Mercury	A	<0.0447U	mg/kg dry	1	0.0447	0.0895	BGE3654	06/07/2023 14:21	AKR
EPA 200.8	Lead	N	0.346V	mg/kg dry	1	0.0145	0.0962	BGE2506	06/02/2023 16:29	TBB
EPA 200.8	Nickel	N	3.72A, V	mg/kg dry	5	0.0170	0.962	BGE2506	06/02/2023 11:46	TBB
EPA 200.8	Selenium	N	1.69	mg/kg dry	1	0.212	0.385	BGE2506	06/08/2023 14:31	TBB
EPA 200.8	Thallium	N	0.00289J	mg/kg dry	1	0.00133	0.0962	BGE2506	06/02/2023 11:44	TBB
EPA 200.8	Zinc	N	113V	mg/kg dry	5	0.361	1.92	BGE2506	06/08/2023 14:34	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.4V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: MM-REF-5  
Lab Sample ID: 23E2848-15  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	47.0V	ug/kg dry	1	22.3	22.3	BGE4145	06/01/2023 10:14	KRB
SW-8270	Phenol, Total	A	660V	ug/kg dry	1	44.6	44.6	BGE4145	06/01/2023 10:14	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>17.4% S</i>	<i>60-140</i>					<i>06/01/2023 10:14</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>50.2% S</i>	<i>60-140</i>					<i>06/01/2023 10:14</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>66.8%</i>	<i>60-140</i>					<i>06/01/2023 10:14</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>88.1%</i>	<i>60-140</i>					<i>06/01/2023 10:14</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>57.0% S</i>	<i>60-140</i>					<i>06/01/2023 10:14</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>40.2% S</i>	<i>60-140</i>					<i>06/01/2023 10:14</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0151U	mg/kg dry	1	0.0151	0.188	BGE2506	06/02/2023 16:34	TBB
EPA 200.8	Arsenic	N	11.3	mg/kg dry	1	0.0231	0.0938	BGE2506	06/02/2023 11:49	TBB
EPA 200.8	Beryllium	N	0.0109J	mg/kg dry	1	0.00188	0.0375	BGE2506	06/08/2023 14:36	TBB
EPA 200.8	Cadmium	N	0.427	mg/kg dry	1	0.00593	0.188	BGE2506	06/02/2023 11:49	TBB
EPA 200.8	Chromium	N	0.250V, J	mg/kg dry	1	0.0138	0.563	BGE2506	06/02/2023 11:49	TBB
EPA 200.8	Copper	N	11.1V	mg/kg dry	1	0.0163	0.188	BGE2506	06/02/2023 11:49	TBB
SW-7471B	Mercury	A	<0.0458U	mg/kg dry	1	0.0458	0.0915	BGE3654	06/07/2023 14:25	AKR
EPA 200.8	Lead	N	0.365V	mg/kg dry	1	0.0142	0.0938	BGE2506	06/02/2023 16:34	TBB
EPA 200.8	Nickel	N	3.14V	mg/kg dry	1	0.00332	0.188	BGE2506	06/02/2023 11:49	TBB
EPA 200.8	Selenium	N	1.52	mg/kg dry	1	0.206	0.375	BGE2506	06/08/2023 14:36	TBB
EPA 200.8	Thallium	N	0.00281J	mg/kg dry	1	0.00129	0.0938	BGE2506	06/02/2023 11:49	TBB
EPA 200.8	Zinc	N	109V	mg/kg dry	5	0.352	1.88	BGE2506	06/08/2023 14:46	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.7V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-16      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	44.5V	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 10:48	KRB
SW-8270	Phenol, Total	A	646V	ug/kg dry	1	45.1	45.1	BGE4145	06/01/2023 10:48	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>12.4% S</i>	<i>60-140</i>					<i>06/01/2023 10:48</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>55.4% S</i>	<i>60-140</i>					<i>06/01/2023 10:48</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>64.7%</i>	<i>60-140</i>					<i>06/01/2023 10:48</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>84.0%</i>	<i>60-140</i>					<i>06/01/2023 10:48</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>50.5% S</i>	<i>60-140</i>					<i>06/01/2023 10:48</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>49.1% S</i>	<i>60-140</i>					<i>06/01/2023 10:48</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0150U	mg/kg dry	1	0.0150	0.186	BGE2506	06/02/2023 16:46	TBB
EPA 200.8	Arsenic	N	9.67	mg/kg dry	1	0.0229	0.0932	BGE2506	06/02/2023 12:01	TBB
EPA 200.8	Beryllium	N	0.0116J	mg/kg dry	1	0.00186	0.0373	BGE2506	06/08/2023 14:48	TBB
EPA 200.8	Cadmium	N	0.390	mg/kg dry	1	0.00589	0.186	BGE2506	06/02/2023 12:01	TBB
EPA 200.8	Chromium	N	0.394V, J	mg/kg dry	1	0.0137	0.559	BGE2506	06/02/2023 12:01	TBB
EPA 200.8	Copper	N	9.57V	mg/kg dry	1	0.0162	0.186	BGE2506	06/02/2023 12:01	TBB
SW-7471B	Mercury	A	<0.0442U	mg/kg dry	1	0.0442	0.0884	BGE3654	06/07/2023 14:35	AKR
EPA 200.8	Lead	N	0.299V	mg/kg dry	1	0.0141	0.0932	BGE2506	06/02/2023 16:46	TBB
EPA 200.8	Nickel	N	3.57V	mg/kg dry	1	0.00330	0.186	BGE2506	06/02/2023 12:01	TBB
EPA 200.8	Selenium	N	1.71	mg/kg dry	1	0.205	0.373	BGE2506	06/08/2023 14:48	TBB
EPA 200.8	Thallium	N	0.00205J	mg/kg dry	1	0.00129	0.0932	BGE2506	06/02/2023 12:01	TBB
EPA 200.8	Zinc	N	122V	mg/kg dry	5	0.350	1.86	BGE2506	06/08/2023 14:51	TBB

**General Chemistry**

SM 2540 G	% Solids	A	10.8V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-16RE1      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	66.4V	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 21:36	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 21:36	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		13.2% S	60-140					06/05/2023 21:36	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		59.6% S	60-140					06/05/2023 21:36	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		75.3%	60-140					06/05/2023 21:36	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		99.9%	60-140					06/05/2023 21:36	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		87.3%	60-140					06/05/2023 21:36	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		73.7%	60-140					06/05/2023 21:36	

**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.147	mg/kg dry	1	0.00132	0.0929	BGF0506	06/09/2023 15:55	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-2      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-17      Date Collected: 04/01/2023 11:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	37.5V	ug/kg dry	1	20.0	20.0	BGE4145	06/01/2023 11:23	KRB
SW-8270	Phenol, Total	A	620V	ug/kg dry	1	40.0	40.0	BGE4145	06/01/2023 11:23	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>14.2% S</i>	<i>60-140</i>					<i>06/01/2023 11:23</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>54.8% S</i>	<i>60-140</i>					<i>06/01/2023 11:23</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>61.1%</i>	<i>60-140</i>					<i>06/01/2023 11:23</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>85.5%</i>	<i>60-140</i>					<i>06/01/2023 11:23</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>50.4% S</i>	<i>60-140</i>					<i>06/01/2023 11:23</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>43.6% S</i>	<i>60-140</i>					<i>06/01/2023 11:23</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0128U	mg/kg dry	1	0.0128	0.160	BGE2506	06/02/2023 16:51	TBB
EPA 200.8	Arsenic	N	9.77	mg/kg dry	1	0.0196	0.0798	BGE2506	06/02/2023 12:06	TBB
EPA 200.8	Beryllium	N	0.0145J	mg/kg dry	1	0.00160	0.0319	BGE2506	06/08/2023 14:53	TBB
EPA 200.8	Cadmium	N	0.345	mg/kg dry	1	0.00504	0.160	BGE2506	06/02/2023 12:06	TBB
EPA 200.8	Chromium	N	0.549V	mg/kg dry	1	0.0117	0.479	BGE2506	06/02/2023 12:06	TBB
EPA 200.8	Copper	N	11.3V	mg/kg dry	1	0.0139	0.160	BGE2506	06/02/2023 12:06	TBB
SW-7471B	Mercury	A	<0.0377U	mg/kg dry	1	0.0377	0.0754	BGE3654	06/07/2023 14:38	AKR
EPA 200.8	Lead	N	0.391V	mg/kg dry	1	0.0120	0.0798	BGE2506	06/02/2023 16:51	TBB
EPA 200.8	Nickel	N	3.11V	mg/kg dry	1	0.00282	0.160	BGE2506	06/02/2023 12:06	TBB
EPA 200.8	Selenium	N	1.62	mg/kg dry	1	0.176	0.319	BGE2506	06/08/2023 14:53	TBB
EPA 200.8	Thallium	N	0.00271J	mg/kg dry	1	0.00110	0.0798	BGE2506	06/02/2023 12:06	TBB
EPA 200.8	Zinc	N	106V	mg/kg dry	5	0.300	1.60	BGE2506	06/08/2023 14:56	TBB

**General Chemistry**

SM 2540 G	% Solids	A	12.4V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-17RE1      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	96.6V	ug/kg dry	1	20.0	20.0	BGE4145	06/05/2023 22:45	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<20.0U	ug/kg dry	1	20.0	20.0	BGE4145	06/05/2023 22:45	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr (Rerun)</i>		<i>15.7% S</i>	<i>60-140</i>					<i>06/05/2023 22:45</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr (Rerun)</i>		<i>62.6%</i>	<i>60-140</i>					<i>06/05/2023 22:45</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr (Rerun)</i>		<i>68.5%</i>	<i>60-140</i>					<i>06/05/2023 22:45</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr (Rerun)</i>		<i>99.5%</i>	<i>60-140</i>					<i>06/05/2023 22:45</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr (Rerun)</i>		<i>78.0%</i>	<i>60-140</i>					<i>06/05/2023 22:45</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr (Rerun)</i>		<i>80.1%</i>	<i>60-140</i>					<i>06/05/2023 22:45</i>	

**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.140	mg/kg dry	1	0.00113	0.0798	BGF0506	06/09/2023 15:58	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-3  
Lab Sample ID: 23E2848-18  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	33.5V	ug/kg dry	1	20.3	20.3	BGE4145	06/01/2023 11:57	KRB
SW-8270	Phenol, Total	A	559V	ug/kg dry	1	40.5	40.5	BGE4145	06/01/2023 11:57	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>27.0% S</i>	<i>60-140</i>					<i>06/01/2023 11:57</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>68.1%</i>	<i>60-140</i>					<i>06/01/2023 11:57</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>73.9%</i>	<i>60-140</i>					<i>06/01/2023 11:57</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>87.8%</i>	<i>60-140</i>					<i>06/01/2023 11:57</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>57.9% S</i>	<i>60-140</i>					<i>06/01/2023 11:57</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>42.6% S</i>	<i>60-140</i>					<i>06/01/2023 11:57</i>	

**Metals, Total**

EPA 200.8	Antimony	N	<0.0141U	mg/kg dry	1	0.0141	0.176	BGE2506	06/02/2023 16:56	TBB
EPA 200.8	Arsenic	N	11.3	mg/kg dry	1	0.0216	0.0878	BGE2506	06/02/2023 12:11	TBB
EPA 200.8	Beryllium	N	0.0118J	mg/kg dry	1	0.00176	0.0351	BGE2506	06/08/2023 14:58	TBB
EPA 200.8	Cadmium	N	0.417	mg/kg dry	1	0.00555	0.176	BGE2506	06/02/2023 12:11	TBB
EPA 200.8	Chromium	N	0.282V, J	mg/kg dry	1	0.0129	0.527	BGE2506	06/02/2023 12:11	TBB
EPA 200.8	Copper	N	12.6V	mg/kg dry	1	0.0153	0.176	BGE2506	06/02/2023 12:11	TBB
SW-7471B	Mercury	A	<0.0435U	mg/kg dry	1	0.0435	0.0871	BGE3654	06/07/2023 14:41	AKR
EPA 200.8	Lead	N	0.469V	mg/kg dry	1	0.0133	0.0878	BGE2506	06/02/2023 16:56	TBB
EPA 200.8	Nickel	N	3.15V	mg/kg dry	1	0.00311	0.176	BGE2506	06/02/2023 12:11	TBB
EPA 200.8	Selenium	N	1.97	mg/kg dry	1	0.193	0.351	BGE2506	06/08/2023 14:58	TBB
EPA 200.8	Thallium	N	0.00351J	mg/kg dry	1	0.00121	0.0878	BGE2506	06/02/2023 12:11	TBB
EPA 200.8	Zinc	N	124V	mg/kg dry	5	0.330	1.76	BGE2506	06/08/2023 15:01	TBB

**General Chemistry**

SM 2540 G	% Solids	A	11.4V	%	1	0.100	0.100	BGE2234	05/15/2023 11:06	JRU
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-18RE1      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	65.4V	ug/kg dry	1	20.3	20.3	BGE4145	06/05/2023 23:19	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<20.3U	ug/kg dry	1	20.3	20.3	BGE4145	06/05/2023 23:19	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr (Rerun)</i>		<i>27.7% S</i>	<i>60-140</i>					<i>06/05/2023 23:19</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr (Rerun)</i>		<i>76.6%</i>	<i>60-140</i>					<i>06/05/2023 23:19</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr (Rerun)</i>		<i>88.1%</i>	<i>60-140</i>					<i>06/05/2023 23:19</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr (Rerun)</i>		<i>109%</i>	<i>60-140</i>					<i>06/05/2023 23:19</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr (Rerun)</i>		<i>93.3%</i>	<i>60-140</i>					<i>06/05/2023 23:19</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr (Rerun)</i>		<i>82.2%</i>	<i>60-140</i>					<i>06/05/2023 23:19</i>	

**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.174	mg/kg dry	1	0.00122	0.0861	BGF0506	06/09/2023 16:00	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-19      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	487V	ug/kg dry	1	35.0	35.0	BGE4170	06/05/2023 07:46	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>3.06% S</i>	<i>60-140</i>					<i>06/05/2023 07:46</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>48.4% S</i>	<i>60-140</i>					<i>06/05/2023 07:46</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>60.2%</i>	<i>60-140</i>					<i>06/05/2023 07:46</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0146J	mg/kg dry	1	0.0119	0.147	BGE2506	06/02/2023 17:01	TBB
EPA 200.8	Arsenic	N	14.7	mg/kg dry	5	0.0906	0.368	BGE2506	06/02/2023 12:18	TBB
EPA 200.8	Beryllium	N	0.00250J	mg/kg dry	1	0.00147	0.0295	BGE2506	06/08/2023 15:03	TBB
EPA 200.8	Cadmium	N	0.210	mg/kg dry	1	0.00465	0.147	BGE2506	06/02/2023 12:16	TBB
EPA 200.8	Chromium	N	0.517V	mg/kg dry	1	0.0108	0.442	BGE2506	06/02/2023 12:16	TBB
EPA 200.8	Copper	N	7.64V	mg/kg dry	1	0.0128	0.147	BGE2506	06/02/2023 12:16	TBB
SW-7471B	Mercury	A	0.0396J	mg/kg dry	1	0.0349	0.0699	BGE3654	06/07/2023 14:45	AKR
EPA 200.8	Lead	N	0.526V	mg/kg dry	1	0.0111	0.0736	BGE2506	06/02/2023 17:01	TBB
EPA 200.8	Nickel	N	1.10V	mg/kg dry	1	0.00261	0.147	BGE2506	06/02/2023 12:16	TBB
EPA 200.8	Selenium	N	2.24	mg/kg dry	1	0.162	0.295	BGE2506	06/08/2023 15:03	TBB
EPA 200.8	Thallium	N	0.00162J	mg/kg dry	1	0.00102	0.0736	BGE2506	06/02/2023 12:16	TBB
EPA 200.8	Zinc	N	62.1V	mg/kg dry	5	0.277	1.47	BGE2506	06/08/2023 15:06	TBB

**General Chemistry**

SM 2540 G	% Solids	A	13.6V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-1	Sample Matrix: Tissue
Lab Sample ID: 23E2848-19RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.106	mg/kg dry	1	0.00101	0.0711	BGF0506	06/09/2023 16:03	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-20      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	379V	ug/kg dry	1	35.3	35.3	BGE4170	06/05/2023 08:21	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		4.28% S	60-140					06/05/2023 08:21	
SW-8270	Surrogate: 2-Fluorophenol-surr		58.4% S	60-140					06/05/2023 08:21	
SW-8270	Surrogate: Phenol-d5-surr		64.0%	60-140					06/05/2023 08:21	

**Metals, Total**

EPA 200.8	Antimony	N	0.0170J	mg/kg dry	1	0.0115	0.143	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Arsenic	N	14.8	mg/kg dry	5	0.0880	0.358	BGE2507	06/06/2023 15:41	TBB
EPA 200.8	Beryllium	N	0.00658J	mg/kg dry	1	0.00143	0.0286	BGE2507	06/07/2023 12:11	TBB
EPA 200.8	Cadmium	N	0.216	mg/kg dry	1	0.00452	0.143	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Chromium	N	0.830V	mg/kg dry	1	0.0105	0.429	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Copper	N	8.59V	mg/kg dry	1	0.0124	0.143	BGE2507	06/06/2023 15:39	TBB
SW-7471B	Mercury	A	<0.0352U	mg/kg dry	1	0.0352	0.0703	BGE3654	06/07/2023 14:48	AKR
EPA 200.8	Lead	N	0.674	mg/kg dry	1	0.0108	0.0715	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Nickel	N	1.23V	mg/kg dry	1	0.00253	0.143	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Selenium	N	2.15	mg/kg dry	1	0.157	0.286	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Thallium	N	0.00243J	mg/kg dry	1	0.000987	0.0715	BGE2507	06/06/2023 15:39	TBB
EPA 200.8	Zinc	N	360	mg/kg dry	20	1.07	5.72	BGE2507	06/08/2023 15:08	TBB

**General Chemistry**

SM 2540 G	% Solids	A	14.0V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-2	Sample Matrix: Tissue
Lab Sample ID: 23E2848-20RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.151	mg/kg dry	1	0.000992	0.0698	BGF0507	06/09/2023 16:27	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-3  
Lab Sample ID: 23E2848-21  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	519V	ug/kg dry	1	38.5	38.5	BGE4170	06/05/2023 08:55	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		35.0% S	60-140					06/05/2023 08:55	
SW-8270	Surrogate: 2-Fluorophenol-surr		73.4%	60-140					06/05/2023 08:55	
SW-8270	Surrogate: Phenol-d5-surr		79.3%	60-140					06/05/2023 08:55	

**Metals, Total**

EPA 200.8	Antimony	N	0.0165J	mg/kg dry	1	0.0133	0.165	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Arsenic	N	14.4	mg/kg dry	1	0.0203	0.0824	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Beryllium	N	0.00807J	mg/kg dry	1	0.00165	0.0329	BGE2507	06/07/2023 12:26	TBB
EPA 200.8	Cadmium	N	0.185	mg/kg dry	1	0.00520	0.165	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Chromium	N	0.950V	mg/kg dry	1	0.0121	0.494	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Copper	N	9.62V	mg/kg dry	1	0.0143	0.165	BGE2507	06/06/2023 15:53	TBB
SW-7471B	Mercury	A	<0.0391U	mg/kg dry	1	0.0391	0.0781	BGE3655	06/08/2023 15:28	AKR
EPA 200.8	Lead	N	0.655	mg/kg dry	1	0.0124	0.0824	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Nickel	N	1.31V	mg/kg dry	1	0.00292	0.165	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Selenium	N	1.94	mg/kg dry	1	0.181	0.329	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Thallium	N	0.00280J	mg/kg dry	1	0.00114	0.0824	BGE2507	06/06/2023 15:53	TBB
EPA 200.8	Zinc	N	57.4	mg/kg dry	1	0.0618	0.329	BGE2507	06/06/2023 15:53	TBB

**General Chemistry**

SM 2540 G	% Solids	A	12.2V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-3	Sample Matrix: Tissue
Lab Sample ID: 23E2848-21RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.109	mg/kg dry	1	0.00115	0.0807	BGF0507	06/09/2023 16:12	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-22      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	514V	ug/kg dry	1	35.9	35.9	BGE4170	06/05/2023 09:30	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>4.37% S</i>	<i>60-140</i>					<i>06/05/2023 09:30</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>51.2% S</i>	<i>60-140</i>					<i>06/05/2023 09:30</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>59.2% S</i>	<i>60-140</i>					<i>06/05/2023 09:30</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0167J	mg/kg dry	1	0.0123	0.153	BGE2507	06/07/2023 12:39	TBB
EPA 200.8	Arsenic	N	14.4	mg/kg dry	5	0.0942	0.383	BGE2507	06/07/2023 12:41	TBB
EPA 200.8	Beryllium	N	0.00751J	mg/kg dry	1	0.00153	0.0306	BGE2507	06/07/2023 12:39	TBB
EPA 200.8	Cadmium	N	0.218	mg/kg dry	1	0.00484	0.153	BGE2507	06/07/2023 12:39	TBB
EPA 200.8	Chromium	N	0.802A, V, J	mg/kg dry	5	0.0563	2.30	BGE2507	06/07/2023 12:41	TBB
EPA 200.8	Copper	N	8.35V	mg/kg dry	5	0.0667	0.766	BGE2507	06/07/2023 12:41	TBB
SW-7471B	Mercury	A	<0.0377U	mg/kg dry	1	0.0377	0.0754	BGE3655	06/08/2023 15:18	AKR
EPA 200.8	Lead	N	0.616	mg/kg dry	1	0.0116	0.0766	BGE2507	06/07/2023 12:39	TBB
EPA 200.8	Nickel	N	1.16V	mg/kg dry	5	0.0136	0.766	BGE2507	06/07/2023 12:41	TBB
EPA 200.8	Selenium	N	1.74	mg/kg dry	5	0.843	1.53	BGE2507	06/07/2023 12:41	TBB
EPA 200.8	Thallium	N	0.00276J	mg/kg dry	1	0.00106	0.0766	BGE2507	06/07/2023 12:39	TBB
EPA 200.8	Zinc	N	59.9	mg/kg dry	5	0.288	1.53	BGE2507	06/07/2023 12:41	TBB

**General Chemistry**

SM 2540 G	% Solids	A	13.1V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-4	Sample Matrix: Tissue
Lab Sample ID: 23E2848-22RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.110	mg/kg dry	1	0.00108	0.0763	BGF0507	06/09/2023 16:29	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-23      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Phenol, Total	A	384V	ug/kg dry	1	35.8	35.8	BGE4170	06/05/2023 10:39	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>8.98% S</i>	<i>60-140</i>					<i>06/05/2023 10:39</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>74.3%</i>	<i>60-140</i>					<i>06/05/2023 10:39</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>84.6%</i>	<i>60-140</i>					<i>06/05/2023 10:39</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0174J	mg/kg dry	1	0.0116	0.144	BGE2507	06/07/2023 12:44	TBB
EPA 200.8	Arsenic	N	14.0	mg/kg dry	10	0.177	0.719	BGE2507	06/07/2023 12:46	TBB
EPA 200.8	Beryllium	N	0.0114J	mg/kg dry	1	0.00144	0.0288	BGE2507	06/07/2023 12:44	TBB
EPA 200.8	Cadmium	N	0.169	mg/kg dry	1	0.00454	0.144	BGE2507	06/07/2023 12:44	TBB
EPA 200.8	Chromium	N	0.773A, V, J	mg/kg dry	10	0.106	4.31	BGE2507	06/07/2023 12:46	TBB
EPA 200.8	Copper	N	7.43V	mg/kg dry	10	0.125	1.44	BGE2507	06/07/2023 12:46	TBB
SW-7471B	Mercury	A	<0.0345U	mg/kg dry	1	0.0345	0.0690	BGE3655	06/08/2023 15:55	AKR
EPA 200.8	Lead	N	0.625	mg/kg dry	1	0.0109	0.0719	BGE2507	06/07/2023 12:44	TBB
EPA 200.8	Nickel	N	1.37A, V, J	mg/kg dry	10	0.0254	1.44	BGE2507	06/07/2023 12:46	TBB
EPA 200.8	Selenium	N	1.66A, J	mg/kg dry	10	1.58	2.88	BGE2507	06/07/2023 12:46	TBB
EPA 200.8	Thallium	N	0.00230J	mg/kg dry	1	0.000992	0.0719	BGE2507	06/07/2023 12:44	TBB
EPA 200.8	Zinc	N	239	mg/kg dry	10	0.540	2.88	BGE2507	06/07/2023 12:46	TBB

**General Chemistry**

SM 2540 G	% Solids	A	13.8V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-06-5	Sample Matrix: Tissue
Lab Sample ID: 23E2848-23RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0936	mg/kg dry	1	0.00103	0.0725	BGF0507	06/09/2023 16:31	TBB
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Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-1  
Lab Sample ID: 23E2848-24  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	27.8V	ug/kg dry	1	16.6	16.6	BGE4170	06/05/2023 11:13	KRB
SW-8270	Di-n-butyl phthalate	A	29.4V	ug/kg dry	1	16.6	16.6	BGE4170	06/05/2023 11:13	KRB
SW-8270	Di-n-octyl phthalate	A	<16.6U	ug/kg dry	1	16.6	16.6	BGE4170	06/05/2023 11:13	KRB
SW-8270	Phenol, Total	A	614V	ug/kg dry	1	33.2	33.2	BGE4170	06/05/2023 11:13	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>2.01% S</i>	<i>60-140</i>					<i>06/05/2023 11:13</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>31.6% S</i>	<i>60-140</i>					<i>06/05/2023 11:13</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>51.4% S</i>	<i>60-140</i>					<i>06/05/2023 11:13</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>66.1%</i>	<i>60-140</i>					<i>06/05/2023 11:13</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>67.4%</i>	<i>60-140</i>					<i>06/05/2023 11:13</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>25.5% S</i>	<i>60-140</i>					<i>06/05/2023 11:13</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0220J	mg/kg dry	1	0.0114	0.142	BGE2507	06/07/2023 12:49	TBB
EPA 200.8	Arsenic	N	16.0	mg/kg dry	5	0.0872	0.355	BGE2507	06/08/2023 15:20	TBB
EPA 200.8	Beryllium	N	0.00610J	mg/kg dry	1	0.00142	0.0284	BGE2507	06/07/2023 12:49	TBB
EPA 200.8	Cadmium	N	0.215	mg/kg dry	1	0.00448	0.142	BGE2507	06/07/2023 12:49	TBB
EPA 200.8	Chromium	N	1.36V	mg/kg dry	1	0.0104	0.426	BGE2507	06/08/2023 15:18	TBB
EPA 200.8	Copper	N	19.8V	mg/kg dry	1	0.0123	0.142	BGE2507	06/08/2023 15:18	TBB
SW-7471B	Mercury	A	<0.0347U	mg/kg dry	1	0.0347	0.0695	BGE3655	06/08/2023 15:31	AKR
EPA 200.8	Lead	N	0.990	mg/kg dry	1	0.0107	0.0709	BGE2507	06/07/2023 12:49	TBB
EPA 200.8	Nickel	N	1.28V	mg/kg dry	1	0.00251	0.142	BGE2507	06/08/2023 15:18	TBB
EPA 200.8	Selenium	N	2.28	mg/kg dry	1	0.156	0.284	BGE2507	06/08/2023 15:18	TBB
EPA 200.8	Thallium	N	0.00255J	mg/kg dry	1	0.000979	0.0709	BGE2507	06/07/2023 12:49	TBB
EPA 200.8	Zinc	N	68.1	mg/kg dry	5	0.266	1.42	BGE2507	06/08/2023 15:20	TBB

**General Chemistry**

SM 2540 G	% Solids	A	14.0V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-1	Sample Matrix: Tissue
Lab Sample ID: 23E2848-24RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0832	mg/kg dry	1	0.00100	0.0706	BGF0507	06/09/2023 16:34	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-2      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-25      Date Collected: 04/01/2023 13:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	47.6V	ug/kg dry	1	17.1	17.1	BGE4170	06/05/2023 11:48	KRB
SW-8270	Di-n-butyl phthalate	A	51.2V	ug/kg dry	1	17.1	17.1	BGE4170	06/05/2023 11:48	KRB
SW-8270	Di-n-octyl phthalate	A	<17.1U	ug/kg dry	1	17.1	17.1	BGE4170	06/05/2023 11:48	KRB
SW-8270	Phenol, Total	A	610V	ug/kg dry	1	34.3	34.3	BGE4170	06/05/2023 11:48	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>2.05% S</i>	<i>60-140</i>					<i>06/05/2023 11:48</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>26.4% S</i>	<i>60-140</i>					<i>06/05/2023 11:48</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>53.7% S</i>	<i>60-140</i>					<i>06/05/2023 11:48</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>61.1%</i>	<i>60-140</i>					<i>06/05/2023 11:48</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>67.3%</i>	<i>60-140</i>					<i>06/05/2023 11:48</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>21.7% S</i>	<i>60-140</i>					<i>06/05/2023 11:48</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0233J	mg/kg dry	1	0.0117	0.145	BGE2507	06/07/2023 12:54	TBB
EPA 200.8	Arsenic	N	15.4	mg/kg dry	10	0.179	0.727	BGE2507	06/07/2023 12:59	TBB
EPA 200.8	Beryllium	N	0.00378J	mg/kg dry	1	0.00145	0.0291	BGE2507	06/07/2023 12:54	TBB
EPA 200.8	Cadmium	N	0.212	mg/kg dry	1	0.00459	0.145	BGE2507	06/07/2023 12:54	TBB
EPA 200.8	Chromium	N	1.22A, V, J	mg/kg dry	10	0.107	4.36	BGE2507	06/07/2023 12:59	TBB
EPA 200.8	Copper	N	22.9V	mg/kg dry	10	0.126	1.45	BGE2507	06/07/2023 12:59	TBB
SW-7471B	Mercury	A	<0.0360U	mg/kg dry	1	0.0360	0.0721	BGE3655	06/08/2023 15:35	AKR
EPA 200.8	Lead	N	1.03	mg/kg dry	1	0.0110	0.0727	BGE2507	06/07/2023 12:54	TBB
EPA 200.8	Nickel	N	1.31A, V, J	mg/kg dry	10	0.0257	1.45	BGE2507	06/07/2023 12:59	TBB
EPA 200.8	Selenium	N	1.95A, J	mg/kg dry	10	1.60	2.91	BGE2507	06/07/2023 12:59	TBB
EPA 200.8	Thallium	N	0.00204J	mg/kg dry	1	0.00100	0.0727	BGE2507	06/07/2023 12:54	TBB
EPA 200.8	Zinc	N	137	mg/kg dry	10	0.546	2.91	BGE2507	06/07/2023 12:59	TBB

**General Chemistry**

SM 2540 G	% Solids	A	13.8V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-2	Sample Matrix: Tissue
Lab Sample ID: 23E2848-25RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.111	mg/kg dry	1	0.00103	0.0724	BGF0507	06/09/2023 16:36	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-3      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-26      Date Collected: 04/01/2023 13:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	31.6V	ug/kg dry	1	17.4	17.4	BGE4170	06/05/2023 12:23	KRB
SW-8270	Di-n-butyl phthalate	A	25.5V	ug/kg dry	1	17.4	17.4	BGE4170	06/05/2023 12:23	KRB
SW-8270	Di-n-octyl phthalate	A	<17.4U	ug/kg dry	1	17.4	17.4	BGE4170	06/05/2023 12:23	KRB
SW-8270	Phenol, Total	A	377V	ug/kg dry	1	34.9	34.9	BGE4170	06/05/2023 12:23	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>6.27% S</i>	<i>60-140</i>					<i>06/05/2023 12:23</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>28.5% S</i>	<i>60-140</i>					<i>06/05/2023 12:23</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>62.2%</i>	<i>60-140</i>					<i>06/05/2023 12:23</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>73.3%</i>	<i>60-140</i>					<i>06/05/2023 12:23</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>65.3%</i>	<i>60-140</i>					<i>06/05/2023 12:23</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>22.8% S</i>	<i>60-140</i>					<i>06/05/2023 12:23</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0269J	mg/kg dry	1	0.0115	0.143	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Arsenic	N	15.9	mg/kg dry	10	0.175	0.713	BGE2507	06/07/2023 13:14	TBB
EPA 200.8	Beryllium	N	0.00699J	mg/kg dry	1	0.00143	0.0285	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Cadmium	N	0.212	mg/kg dry	1	0.00450	0.143	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Chromium	N	2.26V	mg/kg dry	1	0.0105	0.428	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Copper	N	24.5V	mg/kg dry	1	0.0124	0.143	BGE2507	06/07/2023 13:09	TBB
SW-7471B	Mercury	A	<0.0353U	mg/kg dry	1	0.0353	0.0707	BGE3655	06/08/2023 15:38	AKR
EPA 200.8	Lead	N	1.09	mg/kg dry	1	0.0108	0.0713	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Nickel	N	1.36V	mg/kg dry	1	0.00252	0.143	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Selenium	N	2.25	mg/kg dry	1	0.157	0.285	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Thallium	N	0.00257J	mg/kg dry	1	0.000984	0.0713	BGE2507	06/07/2023 13:09	TBB
EPA 200.8	Zinc	N	71.5	mg/kg dry	10	0.535	2.85	BGE2507	06/07/2023 13:14	TBB

**General Chemistry**

SM 2540 G	% Solids	A	14.0V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-3	Sample Matrix: Tissue
Lab Sample ID: 23E2848-26RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.112	mg/kg dry	1	0.000996	0.0702	BGF0507	06/09/2023 16:39	TBB
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Terracon\_Houston  
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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-4  
Lab Sample ID: 23E2848-27  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	<16.9U, B	ug/kg dry	1	16.9	16.9	BGE4170	06/05/2023 12:57	KRB
SW-8270	Di-n-butyl phthalate	A	61.7V	ug/kg dry	1	16.9	16.9	BGE4170	06/05/2023 12:57	KRB
SW-8270	Di-n-octyl phthalate	A	<16.9U	ug/kg dry	1	16.9	16.9	BGE4170	06/05/2023 12:57	KRB
SW-8270	Phenol, Total	A	487V	ug/kg dry	1	33.7	33.7	BGE4170	06/05/2023 12:57	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>37.1% S</i>	<i>60-140</i>					<i>06/05/2023 12:57</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>42.5% S</i>	<i>60-140</i>					<i>06/05/2023 12:57</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>81.8%</i>	<i>60-140</i>					<i>06/05/2023 12:57</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>86.8%</i>	<i>60-140</i>					<i>06/05/2023 12:57</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>77.4%</i>	<i>60-140</i>					<i>06/05/2023 12:57</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>23.4% S</i>	<i>60-140</i>					<i>06/05/2023 12:57</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0209J	mg/kg dry	1	0.0110	0.137	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Arsenic	N	14.4	mg/kg dry	10	0.168	0.684	BGE2507	06/07/2023 13:21	TBB
EPA 200.8	Beryllium	N	0.00424J	mg/kg dry	1	0.00137	0.0274	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Cadmium	N	0.194	mg/kg dry	1	0.00432	0.137	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Chromium	N	1.52V	mg/kg dry	1	0.0101	0.411	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Copper	N	19.8V	mg/kg dry	1	0.0119	0.137	BGE2507	06/07/2023 13:16	TBB
SW-7471B	Mercury	A	<0.0328U	mg/kg dry	1	0.0328	0.0657	BGE3655	06/08/2023 15:41	AKR
EPA 200.8	Lead	N	0.924	mg/kg dry	1	0.0103	0.0684	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Nickel	N	1.15V	mg/kg dry	1	0.00242	0.137	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Selenium	N	2.16	mg/kg dry	1	0.151	0.274	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Thallium	N	0.00192J	mg/kg dry	1	0.000944	0.0684	BGE2507	06/07/2023 13:16	TBB
EPA 200.8	Zinc	N	63.7	mg/kg dry	10	0.514	2.74	BGE2507	06/07/2023 13:21	TBB

**General Chemistry**

SM 2540 G	% Solids	A	14.6V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-4	Sample Matrix: Tissue
Lab Sample ID: 23E2848-27RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0976	mg/kg dry	1	0.000960	0.0676	BGF0507	06/09/2023 16:41	TBB
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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-5  
Lab Sample ID: 23E2848-28  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate	A	32.1V	ug/kg dry	1	16.6	16.6	BGE4170	06/05/2023 13:32	KRB
SW-8270	Di-n-butyl phthalate	A	28.7V	ug/kg dry	1	16.6	16.6	BGE4170	06/05/2023 13:32	KRB
SW-8270	Di-n-octyl phthalate	A	<16.6U	ug/kg dry	1	16.6	16.6	BGE4170	06/05/2023 13:32	KRB
SW-8270	Phenol, Total	A	524V	ug/kg dry	1	33.3	33.3	BGE4170	06/05/2023 13:32	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>1.60% S</i>	<i>60-140</i>					<i>06/05/2023 13:32</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>13.6% S</i>	<i>60-140</i>					<i>06/05/2023 13:32</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>43.3% S</i>	<i>60-140</i>					<i>06/05/2023 13:32</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>51.2% S</i>	<i>60-140</i>					<i>06/05/2023 13:32</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>54.5% S</i>	<i>60-140</i>					<i>06/05/2023 13:32</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>13.2% S</i>	<i>60-140</i>					<i>06/05/2023 13:32</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0160J	mg/kg dry	1	0.0114	0.142	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Arsenic	N	14.8	mg/kg dry	10	0.174	0.709	BGE2507	06/07/2023 13:29	TBB
EPA 200.8	Beryllium	N	0.00312J	mg/kg dry	1	0.00142	0.0284	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Cadmium	N	0.177	mg/kg dry	1	0.00448	0.142	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Chromium	N	0.683V	mg/kg dry	1	0.0104	0.426	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Copper	N	13.2V	mg/kg dry	1	0.0123	0.142	BGE2507	06/07/2023 13:24	TBB
SW-7471B	Mercury	A	<0.0353U	mg/kg dry	1	0.0353	0.0706	BGE3655	06/08/2023 15:45	AKR
EPA 200.8	Lead	N	0.651	mg/kg dry	1	0.0107	0.0709	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Nickel	N	0.973V	mg/kg dry	1	0.00251	0.142	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Selenium	N	2.32	mg/kg dry	1	0.156	0.284	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Thallium	N	0.00184J	mg/kg dry	1	0.000979	0.0709	BGE2507	06/07/2023 13:24	TBB
EPA 200.8	Zinc	N	240	mg/kg dry	10	0.533	2.84	BGE2507	06/07/2023 13:29	TBB

**General Chemistry**

SM 2540 G	% Solids	A	14.2V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-07-5	Sample Matrix: Tissue
Lab Sample ID: 23E2848-28RE1	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.0888	mg/kg dry	1	0.00101	0.0709	BGF0507	06/09/2023 16:44	TBB
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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-1  
Lab Sample ID: 23E2848-34  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	170V	ug/kg dry	1	19.2	19.2	BGE4145	06/01/2023 15:59	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>23.8% S</i>	<i>60-140</i>					<i>06/01/2023 15:59</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>65.0%</i>	<i>60-140</i>					<i>06/01/2023 15:59</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>90.5%</i>	<i>60-140</i>					<i>06/01/2023 15:59</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>96.6%</i>	<i>60-140</i>					<i>06/01/2023 15:59</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>132%</i>	<i>60-140</i>					<i>06/01/2023 15:59</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>10.5% S</i>	<i>60-140</i>					<i>06/01/2023 15:59</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0195J	mg/kg dry	1	0.0127	0.158	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Arsenic	N	16.8	mg/kg dry	10	0.195	0.792	BGE2507	06/07/2023 14:50	TBB
EPA 200.8	Beryllium	N	0.00475J	mg/kg dry	1	0.00158	0.0317	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Cadmium	N	0.195	mg/kg dry	1	0.00500	0.158	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Chromium	N	0.698V	mg/kg dry	1	0.0116	0.475	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Copper	N	15.0V	mg/kg dry	1	0.0138	0.158	BGE2507	06/07/2023 14:45	TBB
SW-7471B	Mercury	A	<0.0367U	mg/kg dry	1	0.0367	0.0734	BGE3655	06/08/2023 16:21	AKR
EPA 200.8	Lead	N	0.533	mg/kg dry	1	0.0120	0.0792	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Nickel	N	1.43V	mg/kg dry	1	0.00280	0.158	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Selenium	N	2.93	mg/kg dry	1	0.174	0.317	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Thallium	N	0.00238J	mg/kg dry	1	0.00109	0.0792	BGE2507	06/07/2023 14:45	TBB
EPA 200.8	Zinc	N	359	mg/kg dry	10	0.595	3.17	BGE2507	06/07/2023 14:50	TBB

**General Chemistry**

SM 2540 G	% Solids	A	12.7V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-34RE1      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
<b>Semivolatile Organic Compounds by GCMS</b>										
SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	<38.4U, B	ug/kg dry	2	38.4	38.4	BGE4145	06/10/2023 04:42	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<38.4U	ug/kg dry	2	38.4	38.4	BGE4145	06/10/2023 04:42	KRB
SW-8270	Phenol, Total (Rerun)	A	616V	ug/kg dry	2	76.9	76.9	BGE4145	06/10/2023 04:42	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		28.9% S	60-140					06/10/2023 04:42	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		68.5%	60-140					06/10/2023 04:42	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		79.6%	60-140					06/10/2023 04:42	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		111%	60-140					06/10/2023 04:42	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		94.8%	60-140					06/10/2023 04:42	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		11.9% S	60-140					06/10/2023 04:42	
<b>Metals, Total</b>										
EPA 200.8	Silver (Rerun)	N	0.185	mg/kg dry	1	0.00112	0.0785	BGF0507	06/09/2023 17:10	TBB

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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-2  
Lab Sample ID: 23E2848-35  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	103V	ug/kg dry	1	18.8	18.8	BGE4145	06/01/2023 16:33	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>16.1% S</i>	<i>60-140</i>					<i>06/01/2023 16:33</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>58.8% S</i>	<i>60-140</i>					<i>06/01/2023 16:33</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>70.2%</i>	<i>60-140</i>					<i>06/01/2023 16:33</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>90.1%</i>	<i>60-140</i>					<i>06/01/2023 16:33</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>112%</i>	<i>60-140</i>					<i>06/01/2023 16:33</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>8.78% S</i>	<i>60-140</i>					<i>06/01/2023 16:33</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0206J	mg/kg dry	1	0.0122	0.151	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Arsenic	N	14.1	mg/kg dry	5	0.0931	0.378	BGE2507	06/07/2023 14:55	TBB
EPA 200.8	Beryllium	N	0.0133J	mg/kg dry	1	0.00151	0.0303	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Cadmium	N	0.159	mg/kg dry	1	0.00478	0.151	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Chromium	N	1.19V	mg/kg dry	1	0.0111	0.454	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Copper	N	11.2V	mg/kg dry	1	0.0132	0.151	BGE2507	06/07/2023 14:53	TBB
SW-7471B	Mercury	A	<0.0360U	mg/kg dry	1	0.0360	0.0721	BGE3655	06/08/2023 16:25	AKR
EPA 200.8	Lead	N	0.734	mg/kg dry	1	0.0114	0.0757	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Nickel	N	1.52V	mg/kg dry	1	0.00268	0.151	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Selenium	N	2.23	mg/kg dry	1	0.166	0.303	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Thallium	N	0.00409J	mg/kg dry	1	0.00104	0.0757	BGE2507	06/07/2023 14:53	TBB
EPA 200.8	Zinc	N	149	mg/kg dry	5	0.284	1.51	BGE2507	06/07/2023 14:55	TBB

**General Chemistry**

SM 2540 G	% Solids	A	13.2V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-2      Sample Matrix: Tissue  
Lab Sample ID: 23E2848-35RE1      Date Collected: 04/01/2023 13:00  
Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	<37.7U, B	ug/kg dry	2	37.7	37.7	BGE4145	06/10/2023 05:17	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<37.7U	ug/kg dry	2	37.7	37.7	BGE4145	06/10/2023 05:17	KRB
SW-8270	Phenol, Total (Rerun)	A	822V	ug/kg dry	2	75.4	75.4	BGE4145	06/10/2023 05:17	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		20.0% S	60-140					06/10/2023 05:17	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		74.5%	60-140					06/10/2023 05:17	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		52.5% S	60-140					06/10/2023 05:17	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		106%	60-140					06/10/2023 05:17	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		91.1%	60-140					06/10/2023 05:17	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		11.7% S	60-140					06/10/2023 05:17	

**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.191	mg/kg dry	1	0.00106	0.0745	BGF0507	06/09/2023 17:13	TBB
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-36      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Di-n-butyl phthalate	A	24.9V	ug/kg dry	1	17.4	17.4	BGE4145	06/01/2023 17:08	KRB
<i>SW-8270</i>	<i>Surrogate: 2,4,6-Tribromophenol-surr</i>		<i>7.23% S</i>	<i>60-140</i>					<i>06/01/2023 17:08</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorobiphenyl-surr</i>		<i>50.6% S</i>	<i>60-140</i>					<i>06/01/2023 17:08</i>	
<i>SW-8270</i>	<i>Surrogate: 2-Fluorophenol-surr</i>		<i>83.7%</i>	<i>60-140</i>					<i>06/01/2023 17:08</i>	
<i>SW-8270</i>	<i>Surrogate: Nitrobenzene-d5-surr</i>		<i>102%</i>	<i>60-140</i>					<i>06/01/2023 17:08</i>	
<i>SW-8270</i>	<i>Surrogate: Phenol-d5-surr</i>		<i>125%</i>	<i>60-140</i>					<i>06/01/2023 17:08</i>	
<i>SW-8270</i>	<i>Surrogate: p-Terphenyl-d14-surr</i>		<i>26.0% S</i>	<i>60-140</i>					<i>06/01/2023 17:08</i>	

**Metals, Total**

EPA 200.8	Antimony	N	0.0199J	mg/kg dry	1	0.0115	0.143	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Arsenic	N	16.2	mg/kg dry	5	0.0881	0.358	BGE2507	06/07/2023 15:03	TBB
EPA 200.8	Beryllium	N	0.0116J	mg/kg dry	1	0.00143	0.0286	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Cadmium	N	0.190	mg/kg dry	1	0.00453	0.143	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Chromium	N	1.00V	mg/kg dry	1	0.0105	0.430	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Copper	N	11.3V	mg/kg dry	1	0.0125	0.143	BGE2507	06/07/2023 15:00	TBB
SW-7471B	Mercury	A	<0.0346U	mg/kg dry	1	0.0346	0.0693	BGE3655	06/08/2023 16:35	AKR
EPA 200.8	Lead	N	0.817	mg/kg dry	1	0.0108	0.0716	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Nickel	N	1.33V	mg/kg dry	1	0.00253	0.143	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Selenium	N	2.56	mg/kg dry	1	0.158	0.286	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Thallium	N	0.00401J	mg/kg dry	1	0.000988	0.0716	BGE2507	06/07/2023 15:00	TBB
EPA 200.8	Zinc	N	119	mg/kg dry	5	0.269	1.43	BGE2507	06/07/2023 15:03	TBB

**General Chemistry**

SM 2540 G	% Solids	A	13.9V	%	1	0.100	0.100	BGE2233	05/15/2023 10:45	BP
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Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-36RE1      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	329V	ug/kg dry	2	34.8	34.8	BGE4145	06/10/2023 05:52	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<34.8U	ug/kg dry	2	34.8	34.8	BGE4145	06/10/2023 05:52	KRB
SW-8270	Phenol, Total (Rerun)	A	647V	ug/kg dry	2	69.7	69.7	BGE4145	06/10/2023 05:52	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		11.0% S	60-140					06/10/2023 05:52	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		60.6%	60-140					06/10/2023 05:52	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		57.7% S	60-140					06/10/2023 05:52	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		94.2%	60-140					06/10/2023 05:52	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		71.1%	60-140					06/10/2023 05:52	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		37.9% S	60-140					06/10/2023 05:52	

**Metals, Total**

EPA 200.8	Silver (Rerun)	N	0.145	mg/kg dry	1	0.00101	0.0713	BGF0507	06/09/2023 17:15	TBB
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Terracon\_Houston  
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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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### Quality Control

#### Semivolatile Organic Compounds by GCMS

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE4145 - SW-3570</b>										
<b>MB SV BT (BGE4145-BLK1)</b>										
Prepared: 5/25/2023 Analyzed: 6/1/2023										
Di-n-butyl phthalate	3.59		2.36	ug/kg wet						
Surrogate: 2-Fluorobiphenyl-surr			55.7	ug/kg wet	75.6		73.6	60-140		
Surrogate: Nitrobenzene-d5-surr			62.4	ug/kg wet	75.6		82.5	60-140		
Surrogate: p-Terphenyl-d14-surr			49.2	ug/kg wet	75.6		65.1	60-140		
<b>Blank (BGE4145-BLK2)</b>										
Prepared: 5/25/2023 Analyzed: 6/5/2023										
Bis(2-ethylhexyl )phthalate	8.93		2.36	ug/kg wet						
Surrogate: 2-Fluorobiphenyl-surr			59.4	ug/kg wet	75.6		78.5	60-140		
Surrogate: Nitrobenzene-d5-surr			78.2	ug/kg wet	75.6		103	60-140		
Surrogate: p-Terphenyl-d14-surr			53.3	ug/kg wet	75.6		70.5	60-140		
<b>BS SV BT/IDOC1 (BGE4145-BS1)</b>										
Prepared: 5/25/2023 Analyzed: 6/1/2023										
Di-n-butyl phthalate	51.4		2.48	ug/kg wet	79.2		64.9	60-140		
Surrogate: 2-Fluorobiphenyl-surr			52.0	ug/kg wet	79.2		65.7	60-140		
Surrogate: Nitrobenzene-d5-surr			54.9	ug/kg wet	79.2		69.3	60-140		
Surrogate: p-Terphenyl-d14-surr	S		31.2	ug/kg wet	79.2		39.4	60-140		
<b>BS SV BT/IDOC1 (BGE4145-BS2)</b>										
Prepared: 5/25/2023 Analyzed: 6/5/2023										
Bis(2-ethylhexyl )phthalate	84.0		2.48	ug/kg wet	79.2		106	60-140		
Surrogate: 2-Fluorobiphenyl-surr	S		46.3	ug/kg wet	79.2		58.5	60-140		
Surrogate: Nitrobenzene-d5-surr			68.3	ug/kg wet	79.2		86.2	60-140		
Surrogate: p-Terphenyl-d14-surr			49.1	ug/kg wet	79.2		62.0	60-140		
<b>BSD SV BT/IDOC2 (BGE4145-BSD1)</b>										
Prepared: 5/25/2023 Analyzed: 6/1/2023										
Di-n-butyl phthalate	51.0		2.43	ug/kg wet	77.8		65.6	60-140	0.651	40
Surrogate: 2-Fluorobiphenyl-surr			47.7	ug/kg wet	77.8		61.3	60-140		
Surrogate: Nitrobenzene-d5-surr			48.6	ug/kg wet	77.8		62.4	60-140		
Surrogate: p-Terphenyl-d14-surr	S		32.9	ug/kg wet	77.8		42.2	60-140		

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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Quality Control**  
(Continued)

**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE4145 - SW-3570 (Continued)</b>										
<b>BSD SV BT/IDOC2 (BGE4145-BSD2)</b>										
Prepared: 5/25/2023 Analyzed: 6/5/2023										
Bis(2-ethylhexyl )phthalate	89.4		2.43	ug/kg wet	77.8		115	60-140	6.16	40
Surrogate: 2-Fluorobiphenyl-surr		S	43.7	ug/kg wet	77.8		56.2	60-140		
Surrogate: Nitrobenzene-d5-surr			67.7	ug/kg wet	77.8		87.0	60-140		
Surrogate: p-Terphenyl-d14-surr			51.6	ug/kg wet	77.8		66.3	60-140		
<b>MDL SV BT (BGE4145-MRL1)</b>										
Prepared: 5/25/2023 Analyzed: 6/1/2023										
Di-n-butyl phthalate	4.81		2.42	ug/kg wet	7.74		62.2	50-150		
Surrogate: 2-Fluorobiphenyl-surr			48.4	ug/kg wet	77.4		62.6	60-140		
Surrogate: Nitrobenzene-d5-surr			60.8	ug/kg wet	77.4		78.6	60-140		
Surrogate: p-Terphenyl-d14-surr		S	34.9	ug/kg wet	77.4		45.0	60-140		
<b>MRL Check (BGE4145-MRL2)</b>										
Prepared: 5/25/2023 Analyzed: 6/5/2023										
Bis(2-ethylhexyl )phthalate	13.8	J1	2.42	ug/kg wet	7.74		178	50-150		
Surrogate: 2-Fluorobiphenyl-surr			50.3	ug/kg wet	77.4		65.0	60-140		
Surrogate: Nitrobenzene-d5-surr			68.3	ug/kg wet	77.4		88.3	60-140		
Surrogate: p-Terphenyl-d14-surr		S	43.7	ug/kg wet	77.4		56.5	60-140		
<b>23E2848-11 MS (BGE4145-MS1)</b>										
Source: 23E2848-11 Prepared: 5/25/2023 Analyzed: 6/1/2023										
Di-n-butyl phthalate	372	J1	20.0	ug/kg dry	641	58.1	49.0	60-140		
Surrogate: 2-Fluorobiphenyl-surr		S	307	ug/kg dry	641		47.9	60-140		
Surrogate: Nitrobenzene-d5-surr			497	ug/kg dry	641		77.5	60-140		
Surrogate: p-Terphenyl-d14-surr		S	205	ug/kg dry	641		32.0	60-140		
<b>Matrix Spike (BGE4145-MS2)</b>										
Source: 23E2848-11RE1 Prepared: 5/25/2023 Analyzed: 6/5/2023										
Bis(2-ethylhexyl )phthalate	525		20.0	ug/kg dry	641	54.8	73.3	60-140		
Surrogate: 2-Fluorobiphenyl-surr		S	318	ug/kg dry	641		49.6	60-140		
Surrogate: Nitrobenzene-d5-surr			655	ug/kg dry	641		102	60-140		
Surrogate: p-Terphenyl-d14-surr			426	ug/kg dry	641		66.4	60-140		

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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Quality Control**  
(Continued)

**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE4145 - SW-3570 (Continued)**

**23E2848-11 MSD (BGE4145-MSD1)**

Source: **23E2848-11**

Prepared: 5/25/2023 Analyzed: 6/1/2023

Di-n-butyl phthalate	408	J1	21.1	ug/kg dry	675	58.1	51.8	60-140	9.14	40
Surrogate: 2-Fluorobiphenyl-surr	S		294	ug/kg dry	675		43.5	60-140		
Surrogate: Nitrobenzene-d5-surr			527	ug/kg dry	675		78.0	60-140		
Surrogate: p-Terphenyl-d14-surr	S		209	ug/kg dry	675		30.9	60-140		

**Matrix Spike Dup (BGE4145-MSD2)**

Source: **23E2848-11RE1**

Prepared: 5/25/2023 Analyzed: 6/5/2023

Bis(2-ethylhexyl )phthalate	599		21.1	ug/kg dry	675	54.8	80.6	60-140	13.2	40
Surrogate: 2-Fluorobiphenyl-surr	S		308	ug/kg dry	675		45.6	60-140		
Surrogate: Nitrobenzene-d5-surr			630	ug/kg dry	675		93.4	60-140		
Surrogate: p-Terphenyl-d14-surr			469	ug/kg dry	675		69.4	60-140		

**Batch: BGE4170 - SW-3570**

**MB SV BT (BGE4170-BLK1)**

Prepared: 5/25/2023 Analyzed: 6/4/2023

Bis(2-ethylhexyl )phthalate	5.46		2.45	ug/kg wet						
Di-n-butyl phthalate	6.13		2.45	ug/kg wet						
Surrogate: 2-Fluorobiphenyl-surr			54.3	ug/kg wet	78.4		69.3	60-140		
Surrogate: Nitrobenzene-d5-surr			50.8	ug/kg wet	78.4		64.7	60-140		
Surrogate: p-Terphenyl-d14-surr			62.8	ug/kg wet	78.4		80.1	60-140		

**BS SV BT (BGE4170-BS1)**

Prepared: 5/25/2023 Analyzed: 6/4/2023

Bis(2-ethylhexyl )phthalate	39.1	J1	2.38	ug/kg wet	76.0		51.4	60-140		
Di-n-butyl phthalate	41.7	J1	2.38	ug/kg wet	76.0		54.9	60-140		
Surrogate: 2-Fluorobiphenyl-surr	S		35.6	ug/kg wet	76.0		46.8	60-140		
Surrogate: Nitrobenzene-d5-surr	S		42.2	ug/kg wet	76.0		55.5	60-140		
Surrogate: p-Terphenyl-d14-surr	S		30.6	ug/kg wet	76.0		40.2	60-140		

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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Quality Control**  
(Continued)

**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE4170 - SW-3570 (Continued)**

**BSD SV BT (BGE4170-BSD1)**

Prepared: 5/25/2023 Analyzed: 6/5/2023

Bis(2-ethylhexyl )phthalate	40.9	J1	2.47	ug/kg wet	79.1		51.7	60-140	4.43	40
Di-n-butyl phthalate	40.6	J1	2.47	ug/kg wet	79.1		51.3	60-140	2.79	40
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Surrogate: 2-Fluorobiphenyl-surr		S	43.7	ug/kg wet	79.1		55.3	60-140		
Surrogate: Nitrobenzene-d5-surr		S	46.1	ug/kg wet	79.1		58.3	60-140		
Surrogate: p-Terphenyl-d14-surr		S	36.7	ug/kg wet	79.1		46.5	60-140		

**MDL SV BT (BGE4170-MRL1)**

Prepared: 5/25/2023 Analyzed: 6/4/2023

Bis(2-ethylhexyl )phthalate	13.1	J1	2.35	ug/kg wet	7.50		174	50-150		
Di-n-butyl phthalate	7.76		2.35	ug/kg wet	7.50		103	50-150		
<hr/>										
Surrogate: 2-Fluorobiphenyl-surr			45.8	ug/kg wet	75.0		61.0	60-140		
Surrogate: Nitrobenzene-d5-surr			51.0	ug/kg wet	75.0		67.9	60-140		
Surrogate: p-Terphenyl-d14-surr		S	43.9	ug/kg wet	75.0		58.5	60-140		

**23E284802 MS (BGE4170-MS1)**

Source: 23E2848-02

Prepared: 5/25/2023 Analyzed: 6/5/2023

Bis(2-ethylhexyl )phthalate	276	J1	23.7	ug/kg dry	757	<23.7	36.4	60-140		
Di-n-butyl phthalate	527	J1	23.7	ug/kg dry	757	84.0	58.5	60-140		
<hr/>										
Surrogate: 2-Fluorobiphenyl-surr		S	388	ug/kg dry	757		51.3	60-140		
Surrogate: Nitrobenzene-d5-surr			467	ug/kg dry	757		61.6	60-140		
Surrogate: p-Terphenyl-d14-surr		S	319	ug/kg dry	757		42.1	60-140		

**23E284802 MSD (BGE4170-MSD1)**

Source: 23E2848-02

Prepared: 5/25/2023 Analyzed: 6/5/2023

Bis(2-ethylhexyl )phthalate	356	J1	23.5	ug/kg dry	753	<23.5	47.3	60-140	25.4	40
Di-n-butyl phthalate	665		23.5	ug/kg dry	753	84.0	77.2	60-140	23.2	40
<hr/>										
Surrogate: 2-Fluorobiphenyl-surr		S	424	ug/kg dry	753		56.3	60-140		
Surrogate: Nitrobenzene-d5-surr			478	ug/kg dry	753		63.4	60-140		
Surrogate: p-Terphenyl-d14-surr		S	359	ug/kg dry	753		47.7	60-140		



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**Quality Control**  
(Continued)

**Metals, Total**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2506 - EPA 200.3**

**Blank (BGE2506-BLK1)**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	<0.0996	U	0.0996	mg/kg wet						
Arsenic	<0.0498	U	0.0498	mg/kg wet						
Cadmium	<0.0996	U	0.0996	mg/kg wet						
Chromium	0.0342	J	0.299	mg/kg wet						
Copper	0.0292	J	0.0996	mg/kg wet						
Lead	0.0103	J	0.0498	mg/kg wet						
Nickel	0.0150	J	0.0996	mg/kg wet						
Selenium	<0.199	U	0.199	mg/kg wet						
Thallium	<0.0498	U	0.0498	mg/kg wet						

**Blank (BGE2506-BLK3)**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Zinc	1.34		0.199	mg/kg wet						
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**Blank (BGE2506-BLK4)**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	<0.0199	U	0.0199	mg/kg wet						
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**LCS (BGE2506-BS1)**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	9.72		0.0956	mg/kg wet	9.56		102	85-115		
Arsenic	4.85		0.0478	mg/kg wet	4.78		102	85-115		
Cadmium	9.43		0.0956	mg/kg wet	9.56		98.6	85-115		
Chromium	28.1		0.287	mg/kg wet	28.7		97.9	85-115		
Copper	9.45		0.0956	mg/kg wet	9.56		98.9	85-115		
Lead	4.94		0.0478	mg/kg wet	4.78		103	85-115		
Nickel	9.31		0.0956	mg/kg wet	9.56		97.4	85-115		
Thallium	4.83		0.0478	mg/kg wet	4.78		101	85-115		

**LCS (BGE2506-BS3)**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Zinc	20.5		0.191	mg/kg wet	19.1		107	85-115		
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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2506 - EPA 200.3 (Continued)**

**LCS (BGE2506-BS4)**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	2.10		0.0191	mg/kg wet	1.91		110	85-115		
Selenium	20.7		0.191	mg/kg wet	19.1		108	85-115		

**Duplicate (BGE2506-DUP1)**

**Source: 23E2848-01**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	<0.189	U	0.189	mg/kg dry		<0.189				20
Arsenic	9.81		0.0943	mg/kg dry		10.4			5.51	20
Cadmium	0.376		0.189	mg/kg dry		0.385			2.24	20
Chromium	0.506	J	0.566	mg/kg dry		0.455			10.5	20
Copper	11.0		0.189	mg/kg dry		10.9			0.865	20
Lead	0.241		0.0943	mg/kg dry		0.251			4.16	20
Nickel	3.24		0.189	mg/kg dry		3.25			0.201	20
Selenium	1.40		0.377	mg/kg dry		1.43			2.17	20
Thallium	0.00377	J	0.0943	mg/kg dry		0.00341			10.1	20

**Duplicate (BGE2506-DUP2)**

**Source: 23E2848-11**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Cadmium	0.386		0.179	mg/kg dry		0.402			4.13	20
Thallium	0.00286	J	0.0893	mg/kg dry		0.00304			6.06	20

**Duplicate (BGE2506-DUP4)**

**Source: 23E2848-11**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	<0.179	U	0.179	mg/kg dry		<0.179				20
Arsenic	10.5		0.0893	mg/kg dry		11.1			5.39	20
Chromium	0.327	J	0.536	mg/kg dry		0.371			12.4	20
Copper	11.8		0.179	mg/kg dry		12.7			7.35	20
Lead	0.371		0.0893	mg/kg dry		0.414			10.9	20
Nickel	2.82		0.179	mg/kg dry		3.05			7.69	20

**Duplicate (BGE2506-DUP5)**

**Source: 23E2848-01**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Zinc	115		3.77	mg/kg dry		106			7.98	20
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Project Manager: Gregg Pawlak

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2506 - EPA 200.3 (Continued)**

**Duplicate (BGE2506-DUP6)**

Source: 23E2848-11

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	0.0113	J	0.0357	mg/kg dry		0.0107			4.88	20
Selenium	1.51		0.357	mg/kg dry		1.62			6.94	20

**Duplicate (BGE2506-DUP7)**

Source: 23E2848-01

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	0.0140	J	0.0377	mg/kg dry		0.0116			18.9	20
Zinc	108		1.89	mg/kg dry		106			1.82	20

**MDL Check (BGE2506-MRL1)**

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	0.0506	J	0.102	mg/kg wet	0.0509			99.4		
Arsenic	0.00163	J	0.0509	mg/kg wet	0.00509			32.0		
Cadmium	0.00570	J	0.102	mg/kg wet	0.00509			112		
Chromium	0.0303	J	0.305	mg/kg wet	0.0153			199		
Copper	0.0360	J	0.102	mg/kg wet	0.0102			354		
Lead	0.00611	J	0.0509	mg/kg wet	0.00509			120		
Nickel	0.0162	J	0.102	mg/kg wet	0.00509			318		
Selenium	0.116	J	0.204	mg/kg wet	0.102			114		
Thallium	0.00295	J	0.0509	mg/kg wet	0.00255			116		

**MDL Check (BGE2506-MRL3)**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Zinc	0.184	J	0.204	mg/kg wet	0.102			180		
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**MDL Check (BGE2506-MRL4)**

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	0.00132	J	0.0204	mg/kg wet	0.00102			130		
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**Matrix Spike (BGE2506-MS1)**

Source: 23E2848-01

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	18.3		0.189	mg/kg dry	18.9	<0.189		96.6	75-125	
Arsenic	18.4		0.473	mg/kg dry	9.47	10.4		84.6	75-125	
Cadmium	18.6		0.189	mg/kg dry	18.9	0.385		96.2	75-125	
Chromium	56.1		0.568	mg/kg dry	56.8	0.455		98.0	75-125	
Copper	28.2		0.189	mg/kg dry	18.9	10.9		91.6	75-125	
Lead	9.60		0.0947	mg/kg dry	9.47	0.251		98.8	75-125	
Nickel	21.1		0.189	mg/kg dry	18.9	3.25		94.4	75-125	
Thallium	8.83		0.0947	mg/kg dry	9.47	0.00341		93.2	75-125	



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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2506 - EPA 200.3 (Continued)**

**Matrix Spike (BGE2506-MS2)**

Source: 23E2848-11

Prepared: 5/16/2023 Analyzed: 6/2/2023

Cadmium	16.7		0.179	mg/kg dry	17.9	0.402	91.1	75-125		
Thallium	7.73		0.0897	mg/kg dry	8.97	0.00304	86.2	75-125		

**Matrix Spike (BGE2506-MS4)**

Source: 23E2848-11

Prepared: 5/16/2023 Analyzed: 6/2/2023

Antimony	17.1		0.179	mg/kg dry	17.9	<0.179	95.3	75-125		
Arsenic	17.2	J1	0.448	mg/kg dry	8.97	11.1	68.3	75-125		
Chromium	51.0		0.538	mg/kg dry	53.8	0.371	94.0	75-125		
Copper	27.3		0.179	mg/kg dry	17.9	12.7	81.6	75-125		
Lead	8.46		0.0897	mg/kg dry	8.97	0.414	89.7	75-125		
Nickel	19.1		0.179	mg/kg dry	17.9	3.05	89.3	75-125		

**Matrix Spike (BGE2506-MS5)**

Source: 23E2848-01

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	4.08		0.0379	mg/kg dry	3.79	0.0116	107	75-125		
Selenium	51.0	J1	0.379	mg/kg dry	37.9	1.43	131	75-125		
Zinc	157	J1	1.89	mg/kg dry	37.9	106	133	75-125		

**Matrix Spike (BGE2506-MS6)**

Source: 23E2848-11

Prepared: 5/16/2023 Analyzed: 6/8/2023

Beryllium	3.63		0.0359	mg/kg dry	3.59	0.0107	101	75-125		
Selenium	48.1	J1	0.359	mg/kg dry	35.9	1.62	130	75-125		
Zinc	136		1.79	mg/kg dry	35.9	103	92.2	75-125		

**Batch: BGE2507 - EPA 200.3**

**Blank (BGE2507-BLK1)**

Prepared: 5/16/2023 Analyzed: 6/6/2023

Antimony	<0.101	U	0.101	mg/kg wet						
Arsenic	<0.0503	U	0.0503	mg/kg wet						
Cadmium	<0.101	U	0.101	mg/kg wet						
Chromium	0.0140	J	0.302	mg/kg wet						
Copper	0.0256	J	0.101	mg/kg wet						
Lead	<0.0503	U	0.0503	mg/kg wet						
Nickel	0.00573	J	0.101	mg/kg wet						
Selenium	<0.201	U	0.201	mg/kg wet						
Thallium	<0.0503	U	0.0503	mg/kg wet						
Zinc	<0.201	U	0.201	mg/kg wet						

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2507 - EPA 200.3 (Continued)**

**Blank (BGE2507-BLK2)**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Beryllium	<0.0201	U	0.0201	mg/kg wet						
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**LCS (BGE2507-BS1)**

Prepared: 5/16/2023 Analyzed: 6/6/2023

Antimony	10.2		0.0952	mg/kg wet	9.52		107	85-115		
Arsenic	4.87		0.0476	mg/kg wet	4.76		102	85-115		
Cadmium	9.47		0.0952	mg/kg wet	9.52		99.4	85-115		
Chromium	28.1		0.286	mg/kg wet	28.6		98.4	85-115		
Copper	10.1		0.0952	mg/kg wet	9.52		106	85-115		
Lead	4.77		0.0476	mg/kg wet	4.76		100	85-115		
Nickel	9.33		0.0952	mg/kg wet	9.52		97.9	85-115		
Selenium	19.7		0.190	mg/kg wet	19.0		103	85-115		
Thallium	4.80		0.0476	mg/kg wet	4.76		101	85-115		
Zinc	19.6		0.190	mg/kg wet	19.0		103	85-115		

**LCS (BGE2507-BS2)**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Beryllium	2.19		0.0190	mg/kg wet	1.90		115	85-115		
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**Duplicate (BGE2507-DUP1)**

**Source: 23E2848-20**

Prepared: 5/16/2023 Analyzed: 6/6/2023

Antimony	0.0168	J	0.144	mg/kg dry		0.0170		1.29	20
Arsenic	14.6		0.359	mg/kg dry		14.8		1.19	20
Cadmium	0.208		0.144	mg/kg dry		0.216		3.66	20
Chromium	0.935		0.431	mg/kg dry		0.830		11.8	20
Copper	8.03		0.144	mg/kg dry		8.59		6.73	20
Lead	0.642		0.0718	mg/kg dry		0.674		4.82	20
Nickel	1.24		0.144	mg/kg dry		1.23		0.447	20
Selenium	2.14		0.287	mg/kg dry		2.15		0.227	20
Thallium	0.00258	J	0.0718	mg/kg dry		0.00243		6.11	20
Zinc	172	J1	1.44	mg/kg dry		360		70.9	20

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2507 - EPA 200.3 (Continued)**

**Duplicate (BGE2507-DUP2)**

**Source: 23E2848-30**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Antimony	0.0246	J	0.143	mg/kg dry		0.0228			7.40	20
Arsenic	13.2		0.715	mg/kg dry		14.0			5.46	20
Beryllium	0.00415	J	0.0286	mg/kg dry		0.00440			5.87	20
Cadmium	0.176		0.143	mg/kg dry		0.179			1.85	20
Chromium	1.08		0.429	mg/kg dry		1.08			0.0321	20
Copper	18.3		0.143	mg/kg dry		19.5			6.09	20
Lead	0.805		0.0715	mg/kg dry		0.882			9.11	20
Nickel	1.21		0.143	mg/kg dry		1.29			7.12	20
Selenium	2.05	J1	0.286	mg/kg dry		1.66			21.3	20
Thallium	0.00200	J	0.0715	mg/kg dry		0.00199			0.797	20
Zinc	58.0	J1	2.86	mg/kg dry		177			101	20

**Duplicate (BGE2507-DUP3)**

**Source: 23E2848-20**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Beryllium	0.00689	J	0.0287	mg/kg dry		0.00658			4.66	20
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**MDL Check (BGE2507-MRL1)**

Prepared: 5/16/2023 Analyzed: 6/6/2023

Antimony	0.0571	J	0.0990	mg/kg wet	0.0495			115		
Arsenic	<0.0495	U	0.0495	mg/kg wet	0.00495					
Cadmium	0.00634	J	0.0990	mg/kg wet	0.00495			128		
Chromium	0.0550	J	0.297	mg/kg wet	0.0149			370		
Copper	0.0366	J	0.0990	mg/kg wet	0.00990			370		
Lead	0.00762	J	0.0495	mg/kg wet	0.00495			154		
Nickel	0.0146	J	0.0990	mg/kg wet	0.00495			294		
Selenium	0.102	J	0.198	mg/kg wet	0.0990			103		
Thallium	0.00485	J	0.0495	mg/kg wet	0.00248			196		
Zinc	0.128	J	0.198	mg/kg wet	0.0990			129		

**MDL Check (BGE2507-MRL2)**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Beryllium	0.00158	J	0.0198	mg/kg wet	0.000990			160		
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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2507 - EPA 200.3 (Continued)**

**Matrix Spike (BGE2507-MS1)**

**Source: 23E2848-20**

Prepared: 5/16/2023 Analyzed: 6/6/2023

Antimony	15.4		0.143	mg/kg dry	14.3	0.0170	107	75-125		
Arsenic	22.2		0.358	mg/kg dry	7.15	14.8	104	75-125		
Cadmium	14.7		0.143	mg/kg dry	14.3	0.216	101	75-125		
Chromium	44.0		0.429	mg/kg dry	42.9	0.830	101	75-125		
Copper	21.5		0.143	mg/kg dry	14.3	8.59	89.9	75-125		
Lead	7.50		0.0715	mg/kg dry	7.15	0.674	95.5	75-125		
Nickel	15.0		0.143	mg/kg dry	14.3	1.23	96.0	75-125		
Selenium	39.1	J1	0.286	mg/kg dry	28.6	2.15	129	75-125		
Thallium	6.92		0.0715	mg/kg dry	7.15	0.00243	96.7	75-125		
Zinc	90.4	J1	1.43	mg/kg dry	28.6	360	NR	75-125		

**Matrix Spike (BGE2507-MS2)**

**Source: 23E2848-30**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Antimony	15.1		0.142	mg/kg dry	14.2	0.0228	106	75-125		
Arsenic	20.7		0.356	mg/kg dry	7.12	14.0	94.5	75-125		
Beryllium	3.31		0.0285	mg/kg dry	2.85	0.00440	116	75-125		
Cadmium	15.3		0.142	mg/kg dry	14.2	0.179	106	75-125		
Chromium	48.3		0.427	mg/kg dry	42.7	1.08	110	75-125		
Copper	34.9		0.712	mg/kg dry	14.2	19.5	108	75-125		
Lead	8.04		0.0712	mg/kg dry	7.12	0.882	101	75-125		
Nickel	16.1		0.142	mg/kg dry	14.2	1.29	104	75-125		
Selenium	40.8	J1	0.285	mg/kg dry	28.5	1.66	137	75-125		
Thallium	7.12		0.0712	mg/kg dry	7.12	0.00199	100	75-125		
Zinc	197	J1	1.42	mg/kg dry	28.5	177	70.5	75-125		

**Matrix Spike (BGE2507-MS3)**

**Source: 23E2848-20**

Prepared: 5/16/2023 Analyzed: 6/7/2023

Beryllium	3.31		0.0286	mg/kg dry	2.86	0.00658	116	75-125		
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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE3654 - SW-7471</b>										
<b>MDL Check (BGE3654-MRL1)</b>										
Mercury	0.0107	J	0.0196	mg/kg wet	0.00979		109			
Prepared & Analyzed: 6/7/2023										
<b>Matrix Spike (BGE3654-MS1)</b>										
Mercury	1.14		0.0922	mg/kg dry	1.15	<0.0922	99.1	80-120		
Source: 23E2848-12 Prepared & Analyzed: 6/7/2023										
<b>Matrix Spike (BGE3654-MS2)</b>										
Mercury	1.13		0.0904	mg/kg dry	1.13	<0.0904	99.8	80-120		
Source: 23E2848-13 Prepared & Analyzed: 6/7/2023										
<b>Matrix Spike Dup (BGE3654-MSD1)</b>										
Mercury	1.09		0.0878	mg/kg dry	1.10	<0.0878	99.0	80-120	4.96	20
Source: 23E2848-12 Prepared & Analyzed: 6/7/2023										
<b>Matrix Spike Dup (BGE3654-MSD2)</b>										
Mercury	1.15		0.0926	mg/kg dry	1.16	<0.0926	99.6	80-120	2.21	20
Source: 23E2848-13 Prepared & Analyzed: 6/7/2023										
<b>Batch: BGE3655 - SW-7471</b>										
<b>MDL Check (BGE3655-MRL1)</b>										
Mercury	0.00988	J	0.0200	mg/kg wet	0.00998		99.0			
Prepared & Analyzed: 6/8/2023										
<b>Matrix Spike (BGE3655-MS1)</b>										
Mercury	0.923		0.0735	mg/kg dry	0.919	<0.0735	100	80-120		
Source: 23E2848-22 Prepared & Analyzed: 6/8/2023										
<b>Matrix Spike (BGE3655-MS2)</b>										
Mercury	0.824		0.0674	mg/kg dry	0.843	<0.0674	97.8	80-120		
Source: 23E2848-23 Prepared & Analyzed: 6/8/2023										
<b>Matrix Spike Dup (BGE3655-MSD1)</b>										
Mercury	0.966		0.0747	mg/kg dry	0.934	<0.0747	103	80-120	4.54	20
Source: 23E2848-22 Prepared & Analyzed: 6/8/2023										

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE3655 - SW-7471 (Continued)**

**Matrix Spike Dup (BGE3655-MSD2)**

Source: **23E2848-23**

Prepared & Analyzed: 6/8/2023

Mercury	0.899		0.0725	mg/kg dry	0.906	<0.0725	99.2	80-120	8.69	20
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**Batch: BGF0506 - EPA 200.3**

**Blank (BGF0506-BLK1)**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	<0.0505	U	0.0505	mg/kg wet						
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**LCS (BGF0506-BS1)**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	1.79	J1	0.0467	mg/kg wet	4.67		38.4	85-115		
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**Duplicate (BGF0506-DUP1)**

Source: **23E2848-01RE1**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	0.154		0.0951	mg/kg dry		0.158			2.92	20
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**Duplicate (BGF0506-DUP2)**

Source: **23E2848-11RE1**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	0.135		0.0889	mg/kg dry		0.139			2.91	20
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**MDL Check (BGF0506-MRL1)**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	0.00216	J	0.0490	mg/kg wet	0.00245		88.0			
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**Matrix Spike (BGF0506-MS1)**

Source: **23E2848-01RE1**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	5.24	J1	0.0943	mg/kg dry	9.43	0.158	53.9	75-125		
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**Matrix Spike (BGF0506-MS2)**

Source: **23E2848-11RE1**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	3.38	J1	0.0872	mg/kg dry	8.72	0.139	37.2	75-125		
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**Batch: BGF0507 - EPA 200.3**

**Blank (BGF0507-BLK1)**

Prepared: 6/5/2023 Analyzed: 6/9/2023

Silver	<0.0500	U	0.0500	mg/kg wet						
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Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGF0507 - EPA 200.3 (Continued)**

<b>LCS (BGF0507-BS1)</b>										
Silver	2.22	J1	0.0505	mg/kg wet	5.05		43.9	85-115		
Prepared: 6/5/2023 Analyzed: 6/9/2023										
<b>Duplicate (BGF0507-DUP1) Source: 23E2848-21RE1</b>										
Silver	0.124		0.0789	mg/kg dry		0.109			13.4	20
Prepared: 6/5/2023 Analyzed: 6/9/2023										
<b>Duplicate (BGF0507-DUP2) Source: 23E2848-32RE1</b>										
Silver	0.138		0.0934	mg/kg dry		0.132			3.84	20
Prepared: 6/5/2023 Analyzed: 6/9/2023										
<b>MDL Check (BGF0507-MRL1)</b>										
Silver	0.00263	J	0.0505	mg/kg wet	0.00253		104			
Prepared: 6/5/2023 Analyzed: 6/9/2023										
<b>Matrix Spike (BGF0507-MS1) Source: 23E2848-21RE1</b>										
Silver	6.69		0.0820	mg/kg dry	8.20	0.109	80.3	75-125		
Prepared: 6/5/2023 Analyzed: 6/9/2023										
<b>Matrix Spike (BGF0507-MS2) Source: 23E2848-32RE1</b>										
Silver	5.28	J1	0.0930	mg/kg dry	9.30	0.132	55.3	75-125		
Prepared: 6/5/2023 Analyzed: 6/9/2023										

**Batch: SGF0026 - BGE2506**

<b>Interference Check A (SGF0026-IFA1)</b>										
Prepared & Analyzed: 6/2/2023										
Antimony	0.149			ug/L				70-130		
Arsenic	0.126			ug/L				70-130		
Cadmium	0.384			ug/L				70-130		
Chromium	3.42			ug/L				70-130		
Copper	0.164			ug/L				70-130		
Lead	0.0720			ug/L				70-130		
Nickel	0.595			ug/L				70-130		
Selenium	0.195			ug/L				70-130		
Thallium	0.00800			ug/L				70-130		



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**Quality Control  
(Continued)**

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0026 - BGE2506 (Continued)**

**Interference Check B (SGF0026-IFB1)**

Prepared & Analyzed: 6/2/2023

Antimony	96.9			ug/L	100		96.9	70-130		
Arsenic	49.6			ug/L	50.0		99.2	70-130		
Cadmium	94.8			ug/L	100		94.8	70-130		
Chromium	287			ug/L	300		95.8	70-130		
Copper	89.9			ug/L	100		89.9	70-130		
Lead	45.5			ug/L	50.0		91.0	70-130		
Nickel	89.7			ug/L	100		89.7	70-130		
Selenium	198			ug/L	200		99.1	70-130		
Thallium	46.5			ug/L	50.0		93.0	70-130		

**Batch: SGF0034 - BGE2506**

**Interference Check A (SGF0034-IFA1)**

Prepared & Analyzed: 6/2/2023

Antimony	0.139			ug/L				70-130		
Arsenic	0.106			ug/L				70-130		
Chromium	3.26			ug/L				70-130		
Copper	0.117			ug/L				70-130		
Lead	0.0640			ug/L				70-130		
Nickel	0.574			ug/L				70-130		

**Interference Check B (SGF0034-IFB1)**

Prepared & Analyzed: 6/2/2023

Antimony	94.4			ug/L	100		94.4	70-130		
Arsenic	49.5			ug/L	50.0		99.0	70-130		
Chromium	287			ug/L	300		95.6	70-130		
Copper	86.8			ug/L	100		86.8	70-130		
Lead	46.6			ug/L	50.0		93.1	70-130		
Nickel	88.0			ug/L	100		88.0	70-130		



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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0074 - BGE2507**

**Interference Check A (SGF0074-IFA1)**

Prepared & Analyzed: 6/6/2023

Antimony	0.215			ug/L				70-130		
Arsenic	0.125			ug/L				70-130		
Cadmium	0.410			ug/L				70-130		
Chromium	3.67			ug/L				70-130		
Copper	0.296			ug/L				70-130		
Lead	0.0900			ug/L				70-130		
Nickel	0.644			ug/L				70-130		
Selenium	0.186			ug/L				70-130		
Thallium	0.0320			ug/L				70-130		
Zinc	0.144			ug/L				70-130		

**Interference Check B (SGF0074-IFB1)**

Prepared & Analyzed: 6/6/2023

Antimony	104			ug/L	100	104		70-130		
Arsenic	52.0			ug/L	50.0	104		70-130		
Cadmium	99.9			ug/L	100	99.9		70-130		
Chromium	295			ug/L	300	98.3		70-130		
Copper	98.9			ug/L	100	98.9		70-130		
Lead	45.0			ug/L	50.0	89.9		70-130		
Nickel	92.5			ug/L	100	92.5		70-130		
Selenium	213			ug/L	200	106		70-130		
Thallium	48.2			ug/L	50.0	96.4		70-130		
Zinc	192			ug/L	200	96.2		70-130		

**Batch: SGF0091 - BGE2507**

**Interference Check A (SGF0091-IFA1)**

Prepared & Analyzed: 6/7/2023

Antimony	0.159			ug/L				70-130		
Arsenic	0.103			ug/L				70-130		
Beryllium	0.00200			ug/L				70-130		
Cadmium	0.367			ug/L				70-130		
Chromium	3.29			ug/L				70-130		
Copper	0.144			ug/L				70-130		
Lead	0.0700			ug/L				70-130		
Nickel	0.582			ug/L				70-130		
Selenium	0.249			ug/L				70-130		
Thallium	0.0160			ug/L				70-130		
Zinc	1.26			ug/L				70-130		

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**Reported:**  
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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0091 - BGE2507 (Continued)**

**Interference Check B (SGF0091-IFB1)**

Prepared & Analyzed: 6/7/2023

Antimony	103			ug/L	100		103	70-130		
Arsenic	52.0			ug/L	50.0		104	70-130		
Beryllium	18.5			ug/L	20.0		92.6	70-130		
Cadmium	98.9			ug/L	100		98.9	70-130		
Chromium	295			ug/L	300		98.4	70-130		
Copper	96.1			ug/L	100		96.1	70-130		
Lead	46.1			ug/L	50.0		92.2	70-130		
Nickel	93.3			ug/L	100		93.3	70-130		
Selenium	213			ug/L	200		107	70-130		
Thallium	46.8			ug/L	50.0		93.5	70-130		
Zinc	193			ug/L	200		96.3	70-130		

**Batch: SGF0122 - BGE2506**

**Interference Check A (SGF0122-IFA1)**

Prepared & Analyzed: 6/8/2023

Arsenic	0.0990			ug/L				70-130		
Beryllium	0.00800			ug/L				70-130		
Chromium	3.28			ug/L				70-130		
Copper	0.338			ug/L				70-130		
Nickel	0.573			ug/L				70-130		
Selenium	0.185			ug/L				70-130		
Zinc	0.665			ug/L				70-130		

**Interference Check B (SGF0122-IFB1)**

Prepared & Analyzed: 6/8/2023

Arsenic	51.2			ug/L	50.0		102	70-130		
Beryllium	18.1			ug/L	20.0		90.6	70-130		
Chromium	286			ug/L	300		95.3	70-130		
Copper	92.8			ug/L	100		92.8	70-130		
Nickel	90.9			ug/L	100		90.9	70-130		
Selenium	208			ug/L	200		104	70-130		
Zinc	189			ug/L	200		94.7	70-130		



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 06/16/2023 11:07
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**Quality Control  
(Continued)**

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: SGF0142 - BGF0506</b>										
<b>Interference Check A (SGF0142-IFA1)</b>										
Silver	0.00700			ug/L		Prepared & Analyzed: 6/9/2023		70-130		
<b>Interference Check B (SGF0142-IFB1)</b>										
Silver	45.6			ug/L	50.0	Prepared & Analyzed: 6/9/2023	91.3	70-130		
<b>Batch: SGF0149 - BGF0506</b>										
<b>Interference Check A (SGF0149-IFA1)</b>										
Silver	0.00800			ug/L		Prepared & Analyzed: 6/9/2023		70-130		
<b>Interference Check B (SGF0149-IFB1)</b>										
Silver	46.5			ug/L	50.0	Prepared & Analyzed: 6/9/2023	93.0	70-130		
<b>Batch: SGF0246 - BGE2506</b>										
<b>Interference Check A (SGF0246-IFA1)</b>										
Arsenic	0.0830			ug/L		Prepared & Analyzed: 6/15/2023		70-130		
<b>Interference Check B (SGF0246-IFB1)</b>										
Arsenic	52.1			ug/L	50.0	Prepared & Analyzed: 6/15/2023	104	70-130		



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**Quality Control**  
(Continued)

**General Chemistry**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE2233 - Percent Solids</b>										
<b>Blank (BGE2233-BLK1)</b>										
% Solids	<0.100	U	0.100	%						
					Prepared: 5/12/2023 Analyzed: 5/15/2023					
<b>Duplicate (BGE2233-DUP1)</b>										
			<b>Source: 23E2848-01</b>		Prepared: 5/12/2023 Analyzed: 5/15/2023					
% Solids	10.4		0.100	%		10.6			1.47	10
<b>Duplicate (BGE2233-DUP2)</b>										
			<b>Source: 23E2848-36</b>		Prepared: 5/12/2023 Analyzed: 5/15/2023					
% Solids	14.0		0.100	%		13.9			0.908	10
<b>Reference (BGE2233-SRM1)</b>										
% Solids	0.369		0.100	%	0.350		105	78.9-118		
<b>Batch: BGE2234 - Percent Solids</b>										
<b>Blank (BGE2234-BLK1)</b>										
% Solids	<0.100	U	0.100	%						
					Prepared: 5/12/2023 Analyzed: 5/15/2023					
<b>Duplicate (BGE2234-DUP1)</b>										
			<b>Source: 23E2848-03</b>		Prepared: 5/12/2023 Analyzed: 5/15/2023					
% Solids	9.17		0.100	%		9.19			0.209	10
<b>Duplicate (BGE2234-DUP2)</b>										
			<b>Source: 23E2848-10</b>		Prepared: 5/12/2023 Analyzed: 5/15/2023					
% Solids	9.70		0.100	%		9.80			1.07	10
<b>Reference (BGE2234-SRM1)</b>										
% Solids	0.377		0.100	%	0.350		108	78.9-118		



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### Sample Condition Checklist

**Work Order: 23E2848**

**Check Points**

- No Custody Seals
- Yes Containers Intact
- Yes COC/Labels Agree
- Yes Received On Ice
- Yes Appropriate Containers
- Yes Appropriate Sample Volume
- No Coolers Intact
- Yes Samples Accepted

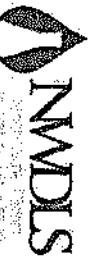
Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
06/16/2023 11:07

## Term and Qualifier Definitions

Item	Definition
A	Detection limit elevated due to abundance of non-target analyte.
B	Analyte was found in the associated method blank.
J	Estimated value - The reported value is between the detection limit and reporting limit.
J1	Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.
S	The surrogate recovery was outside the established laboratory recovery limit.
U	Non-detected compound.
V	Analyte was detected in both sample and method blank.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated
*	A = Accredited, N = Not Accredited or Accreditation not available
DF	Dilution Factor - the factor applied to the reported data due to sample preparation, dilution, or moisture content
MDL	Method Detection Limit - The minimum concentration of a substance (or analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. Based on standard deviation of replicate spiked samples take through all steps of the analytical procedure following 40 CFR Part 136 Appendix B.
SDL	Sample Detection Limit - The minimum concentration of a substance (analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The SDL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MDL = SDL.
MRL	Method Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The MRL is at or above the lowest calibration standard.
LRL	Laboratory Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The LRL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MRL = LRL.



# CHAIN OF CUSTODY RECORD

North Water District Laboratory Services  
 130 S. Trade Center Pkwy, Conroe, Tx 77385  
 (936) 321-6060 - lab@inwdis.com  
 TCEQ T104704238-23-39

**23E2848**

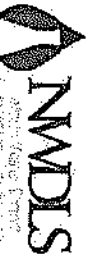
Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM

Schedule Comments:

Project Comments:

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation	Field Results
23E2848-01	MM-CDP-06-1		4-1-23 11:00	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2848-02	MM-CDP-06-2		4-1-23 11:00	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	



# CHAIN OF CUSTODY RECORD

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 (936) 321-6060 - lab@nmdis.com

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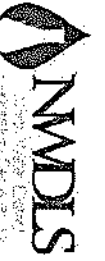
**23E2848**

(Continued)

Tetracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8889

Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:			
Project Comments:					
23E2848-03	MM-CDP-06-3	4-1-23 1100	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.1 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C
23E2848-04	MM-CDP-06-4	4-1-23 1100	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.1 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C





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**23E2848**

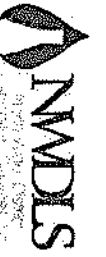
(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2848-05	MM-CDP-06-5		4-1-23 1:05	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20 <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.4 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2848-06	MM-CDP-07-1		4-1-23 1:05	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20i <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.4 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C	



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 (936) 321-5060 • lab@nmwdis.com  
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Tetracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:	
Project Comments:			
23E2848-07	MM-CDP-07-2	4-1-23 1.9.0	T Composite
			A Glass 250mL w/ Teflon-lined Lid
23E2848-08	MM-CDP-07-3	4-1-23 1.9.0	T Composite
			A Glass 250mL w/ Teflon-lined Lid
Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C			



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 130 S. Trade Center Pkwy, Conroe Tx 77385  
 (936) 321-6060 - lab@nmdis.com

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**23E2848**

(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name: PCCA GDP TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2848-09	MM-CDP-07-4		4-1-23 1103	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200: <-20°C Thallium KED ICPMS: 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organolins-TX10014°C TS-2540 G <-20°C	
23E2848-10	MM-CDP-07-5		4-1-23 1103	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200: <-20°C Thallium KED ICPMS: 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organolins-TX10014°C TS-2540 G <-20°C	



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**23E2848**

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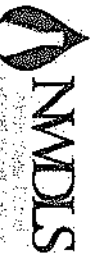
Terracoh\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name: PCCA CDP TISSUE CHEM

Project Comments:

Schedule Comments:

23E2848-11	MM-REF-1	4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	
23E2848-12	MM-REF-2	4-1-23 1000	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	



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 130 S. Trade Center Pkwy, Conroe Tx 77385  
 (936) 321-6060 - lab@nwdis.com  
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Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2848-13	MM-REF-3		4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200; <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C	
23E2848-14	MM-REF-4		4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200; <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C	



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 (936) 321-6050 - lab@nmdis.com

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**23E2848**

(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2848-15	MM-REF-5		4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C	
23E2848-16	MM-CDP-PRETEST-1		4-1-23 1100	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C	



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 (936) 321-6060 - lab@nwdis.com  
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**23E2848**

(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2848-17	MM-CDP-PRETEST-2		4-1-23 1.50	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20K <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub Organotins-TX10014°C TS-2540 G <-20°C	
23E2848-18	MM-CDP-PRETEST-3		4-1-23 1.50	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20K <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub Organotins-TX10014°C TS-2540 G <-20°C	



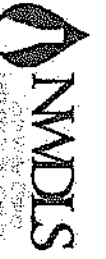
# CHAIN OF CUSTODY RECORD

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 130 S. Trade Center Pkwy, Conroe TX 77385  
 (936) 321-6060 - lab@nmdis.com  
 TCEQ T104704238-23-39

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:	
Project Comments:			
23E2848-19	NV-CDP-06-1	T Composite	A Glass 250mL w/ Teflon-lined Lid
		U-1-23 1300	
23E2848-20	NV-CDP-06-2	T Composite	A Glass 250mL w/ Teflon-lined Lid
		U-1-23 1300	
			Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.1 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C





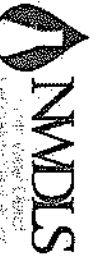
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**23E2848**

(Continued)

Terracon_Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989		Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:	
Project Comments:					
23E2848-21	NV-CDP-06-3	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C
23E2848-22	NV-CDP-06-4	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS : <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C



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North Water District Laboratory Services  
130 S. Trade Center Pkwy, Conroe Tx 77385  
(936) 321-6060 - lab@nwdls.com  
TCEQ T104704238-23-39

Terracor, Houston  
Gregg Pawlak  
11555 Clay Road  
Houston, TX 77043  
Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:				
Project Comments:						
23E2848-23	NV-CDP-06-5	4-1-23 1303	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVQA-8270 <-20°C TPH-1005 <-20°C TS-2540 G <-20°C	
23E2848-24	NV-CDP-07-1	4-1-23 1303	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVQA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX 10014°C <-20°C TS-2540 G <-20°C	



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 TCEQ T104704238-23-39

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**23E2848**

(Continued)

Terracore Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

**Project Name :** PCCA CDP TISSUE CHEM  
**Project Comments:**

**Schedule Comments:**

23E2848-25	NV-CDP-07-2	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C	
23E2848-26	NV-CDP-07-3	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C	



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North Water District Laboratory Services  
 130 S. Trade Center Pkwy, Conroe Tx 77385  
 (936) 321-6060 - lab@nwdis.com  
 TOEQ T104704238-23-39

Terracon, Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:	
Project Comments:			
23E2848-27	NV-CDP-07-4	T Composite	A Glass 250ml w/ Teflon-lined Lid
			Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 200 <-20°C Beryllium KED ICPMS 20 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C
23E2848-28	NV-CDP-07-5	T Composite	A Glass 250ml w/ Teflon-lined Lid
			Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 200 <-20°C Beryllium KED ICPMS 20 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.1 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C



# CHAIN OF CUSTODY RECORD

North Water District Laboratory Services  
 130 S. Trade Center Pkwy, Conroe Tx 77385  
 (936) 321-6060 - lab@nwdls.com  
 TCEQ T104704238-23-39

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**23E2848**

(Continued)

Terracon, Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989		Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:	
Project Comments:					
23E2848-29	NV-REF-1		T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20f <-20°C Beryllium KED ICPMS 2 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 20f <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C
23E2848-30	NV-REF-2	4-1-23 1300	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20f <-20°C Beryllium KED ICPMS 2 <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C <-20°C TS-2540 G <-20°C



# CHAIN OF CUSTODY RECORD

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 130 S. Trade Center Pkwy, Conroe, Tx 77385  
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 TCEQ T104704238-29-39

**23E2848**

(Continued)

Tetracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

**Project Name:** PCCA CDP TISSUE CHEM  
**Project Comments:**

Sample ID	Reference	Matrix	Container	Analysis	Method	Temperature	Comments
23E2848-31	NV-REF-3	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organohals-TX10014°C <-20°C TS-2540 G <-20°C	4-1-23 1300		
23E2848-32	NV-REF-4	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2I <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS: <-20°C Copper KED ICPMS 200 <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200: <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organohals-TX10014°C <-20°C TS-2540 G <-20°C	4-1-23 1300		



# CHAIN OF CUSTODY RECORD

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**23E2848**

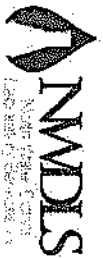
(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM  
 Project Comments:

Schedule Comments:

23E2848-33	NV-REF-5		T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	
23E2848-34	NV-CDP-PRETEST-1	4-1-23 1303	T Composite	A Glass 250mL w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS ; <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.i <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.f <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C	



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**23E2848**

(Continued)

Terracon\_Houston  
 Gregg Pawlak  
 11555 Clay Road  
 Houston, TX 77043  
 Phone: (713) 690-8989

Project Name : PCCA CDP TISSUE CHEM		Schedule Comments:			
Project Comments:					
23E2848-35	NV-CDP-PRETEST-2	4-1-23 1333	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.8 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C
23E2848-36	NV-CDP-PRETEST-3	4-1-23 1333	T Composite	A Glass 250ml w/ Teflon-lined Lid	Antimony KED ICPMS 2 <-20°C Arsenic KED ICPMS 20C <-20°C Beryllium KED ICPMS 2i <-20°C Cadmium KED ICPMS 2 <-20°C Chromium KED ICPMS 1 <-20°C Copper KED ICPMS 20C <-20°C Hg-7471 <-20°C Lead KED ICPMS 200.8 <-20°C Nickel KED ICPMS 200.8 <-20°C Selenium KED ICPMS 2 <-20°C Silver KED ICPMS 200.8 <-20°C Thallium KED ICPMS 20 <-20°C Zinc KED ICPMS 200.8 <-20°C SVOA-8270 <-20°C TPH-1005 <-20°C Sub_Organotins-TX10014°C TS-2540 G <-20°C





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TCEQ T104704238-23-39

**23E2848**

(Continued)

Terracon_Houston Gregg Pawlak 11555 Clay Road Houston, TX 77043 Phone: (713) 690-8989	Project Name : PCCA CDP TISSUE CHEM Project Comments:	Schedule Comments:
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Field Remarks:	Preservation: (Circle and Write ID)	H2SO4	HN03	NaOH	Other:
Sampler (Signature) <i>Shirley</i>	Relinquished By: (Signature) <i>Shirley</i>	Date/Time 5/10/23 15:00	Received By: (Signature)	Date/Time	Date/Time
Print Name Theron King	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time	Date/Time
Affiliation TDC Lab	Relinquished To Lab By: (Signature)	Date/Time	Received for Laboratory By: (Signature)	Date/Time	Date/Time
Custody Seal : Yes / No	COC Labels Agree: Yes / No	Appropriate Volume: Yes / No	Received on Ice: Yes / No	Temperature: _____ °C	
Container Intact : Yes / No	Appropriate Containers: Yes / No	Coders Intact: Yes / No	Samples Accepted: Yes / No	Thermometer ID: _____	



July 24, 2023

## LAB REPORT

Gregg Pawlak  
Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Report ID: 20230724105320MM

RE: PCCA CDP TISSUE CHEM

The following test results meet all NELAP requirements for analytes for which certification is available. Any deviations from our quality system will be noted in the case narrative. All analyses performed by North Water District Laboratory Services, Inc. unless noted.

For questions regarding this report, contact Monica Martin at 936-321-6060.

Sincerely,

Monica O. Martin  
Chief Administrative Officer



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/24/2023 10:53
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### Work Order Case Narrative

A total of 36 samples were collected on:

<u>Laboratory ID</u>	<u>Sample Name</u>	<u>Sample Date</u>
23E2848-01	MM-CDP-06-1	04/01/2023 11:00
23E2848-02	MM-CDP-06-2	04/01/2023 11:00
23E2848-03	MM-CDP-06-3	04/01/2023 11:00
23E2848-04	MM-CDP-06-4	04/01/2023 11:00
23E2848-05	MM-CDP-06-5	04/01/2023 11:00
23E2848-06	MM-CDP-07-1	04/01/2023 11:00
23E2848-07	MM-CDP-07-2	04/01/2023 11:00
23E2848-08	MM-CDP-07-3	04/01/2023 11:00
23E2848-09	MM-CDP-07-4	04/01/2023 11:00
23E2848-10	MM-CDP-07-5	04/01/2023 11:00
23E2848-11	MM-REF-1 **	04/01/2023 11:00
23E2848-12	MM-REF-2 **	04/01/2023 11:00
23E2848-13	MM-REF-3 **	04/01/2023 11:00
23E2848-14	MM-REF-4 **	04/01/2023 11:00
23E2848-15	MM-REF-5 **	04/01/2023 11:00
23E2848-16	MM-CDP-PRETEST-1 **	04/01/2023 11:00
23E2848-17	MM-CDP-PRETEST-2 **	04/01/2023 11:00
23E2848-18	MM-CDP-PRETEST-3 **	04/01/2023 11:00
23E2848-19	NV-CDP-06-1	04/01/2023 13:00
23E2848-20	NV-CDP-06-2	04/01/2023 13:00
23E2848-21	NV-CDP-06-3	04/01/2023 13:00
23E2848-22	NV-CDP-06-4	04/01/2023 13:00
23E2848-23	NV-CDP-06-5	04/01/2023 13:00
23E2848-24	NV-CDP-07-1	04/01/2023 13:00
23E2848-25	NV-CDP-07-2	04/01/2023 13:00
23E2848-26	NV-CDP-07-3	04/01/2023 13:00
23E2848-27	NV-CDP-07-4	04/01/2023 13:00
23E2848-28	NV-CDP-07-5	04/01/2023 13:00
23E2848-29	NV-REF-1 **	04/01/2023 13:00
23E2848-30	NV-REF-2 **	04/01/2023 13:00
23E2848-31	NV-REF-3 **	04/01/2023 13:00
23E2848-32	NV-REF-4 **	04/01/2023 13:00
23E2848-33	NV-REF-5 **	04/01/2023 13:00
23E2848-34	NV-CDP-PRETEST-1 **	04/01/2023 13:00
23E2848-35	NV-CDP-PRETEST-2 **	04/01/2023 13:00
23E2848-36	NV-CDP-PRETEST-3 **	04/01/2023 13:00

Samples were received and accepted at NWDLS on 05/10/2023 15:00. Samples were held in freezer storage until digestion and/or extraction began for all tests, including subcontracted tests. Any receiving discrepancies are recorded and stored in NWDLS' database. The samples received a Work Order of 23E2848. The lab sample IDs, client sample IDs, and dates of collection can be found at the top of each result page.

NWDLS provided their lowest detection limit for all requested analyses. Note that detection and reporting limits are adjusted to account for sample specific parameters.

Any QC that did not meet the laboratory specified control limits was flagged and reported with qualifiers. For additional



Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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information, please refer to the included quality control data pages.

\*\* The bioaccumulation study contained samples from both CDP and Harbor Island . The reference and pretest samples were shared for both projects.



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/24/2023 10:53
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### Sample Results

Client Sample ID: MM-REF-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-11      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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#### Semivolatile Organic Compounds by GCMS

SW-8270	2,4-Dichlorophenol	A	<41.3U	ug/kg dry	1	41.3	41.3	BGE4145	06/01/2023 07:56	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<20.7U	ug/kg dry	1	20.7	20.7	BGE4145	06/01/2023 07:56	KRB
SW-8270	Acenaphthene	A	<20.7U	ug/kg dry	1	20.7	20.7	BGE4145	06/01/2023 07:56	KRB
SW-8270	Acenaphthylene	A	<20.7U	ug/kg dry	1	20.7	20.7	BGE4145	06/01/2023 07:56	KRB
SW-8270	Anthracene	A	<20.7U	ug/kg dry	1	20.7	20.7	BGE4145	06/01/2023 07:56	KRB
SW-8270	Diethyl phthalate	A	47.5V	ug/kg dry	1	20.7	20.7	BGE4145	06/01/2023 07:56	KRB
SW-8270	Di-n-butyl phthalate	A	58.1V	ug/kg dry	1	20.7	20.7	BGE4145	06/01/2023 07:56	KRB
SW-8270	Fluorene	A	<20.7U	ug/kg dry	1	20.7	20.7	BGE4145	06/01/2023 07:56	KRB
SW-8270	Hexachlorocyclopentadiene	A	<20.7U	ug/kg dry	1	20.7	20.7	BGE4145	06/01/2023 07:56	KRB
SW-8270	Naphthalene	A	<20.7U	ug/kg dry	1	20.7	20.7	BGE4145	06/01/2023 07:56	KRB
SW-8270	Phenanthrene	A	<20.7U	ug/kg dry	1	20.7	20.7	BGE4145	06/01/2023 07:56	KRB
SW-8270	Phenol, Total	A	533V	ug/kg dry	1	41.3	41.3	BGE4145	06/01/2023 07:56	KRB
<hr/>										
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		25.7% S	60-140					06/01/2023 07:56	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		63.8%	60-140					06/01/2023 07:56	
SW-8270	Surrogate: 2-Fluorophenol-surr		74.8%	60-140					06/01/2023 07:56	
SW-8270	Surrogate: Nitrobenzene-d5-surr		87.0%	60-140					06/01/2023 07:56	
SW-8270	Surrogate: Phenol-d5-surr		53.7% S	60-140					06/01/2023 07:56	
SW-8270	Surrogate: p-Terphenyl-d14-surr		47.6% S	60-140					06/01/2023 07:56	

Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/24/2023 10:53

**Sample Results**  
(Continued)

Client Sample ID: MM-REF-1  
Lab Sample ID: 23E2848-11RE1  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)anthracene (Rerun)	A	<20.7U	ug/kg dry	1	20.7	20.7	BGE4145	06/05/2023 18:43	KRB
SW-8270	Benzo(a)pyrene (Rerun)	A	<20.7U	ug/kg dry	1	20.7	20.7	BGE4145	06/05/2023 18:43	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<41.3U	ug/kg dry	1	41.3	41.3	BGE4145	06/05/2023 18:43	KRB
SW-8270	Benzo(g,h,i)perylene (Rerun)	A	<20.7U	ug/kg dry	1	20.7	20.7	BGE4145	06/05/2023 18:43	KRB
SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	54.8V	ug/kg dry	1	20.7	20.7	BGE4145	06/05/2023 18:43	KRB
SW-8270	Chrysene (Rerun)	A	<20.7U	ug/kg dry	1	20.7	20.7	BGE4145	06/05/2023 18:43	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<20.7U	ug/kg dry	1	20.7	20.7	BGE4145	06/05/2023 18:43	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<20.7U	ug/kg dry	1	20.7	20.7	BGE4145	06/05/2023 18:43	KRB
SW-8270	Fluoranthene (Rerun)	A	<20.7U	ug/kg dry	1	20.7	20.7	BGE4145	06/05/2023 18:43	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<20.7U	ug/kg dry	1	20.7	20.7	BGE4145	06/05/2023 18:43	KRB
SW-8270	Pyrene (Rerun)	A	<20.7U	ug/kg dry	1	20.7	20.7	BGE4145	06/05/2023 18:43	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		29.8% S	60-140					06/05/2023 18:43	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		68.9%	60-140					06/05/2023 18:43	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		85.3%	60-140					06/05/2023 18:43	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		100%	60-140					06/05/2023 18:43	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		90.0%	60-140					06/05/2023 18:43	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		77.7%	60-140					06/05/2023 18:43	

Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/24/2023 10:53

**Sample Results**  
(Continued)

Client Sample ID: MM-REF-2  
Lab Sample ID: 23E2848-12  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<42.7U	ug/kg dry	1	42.7	42.7	BGE4145	06/01/2023 08:30	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<21.4U	ug/kg dry	1	21.4	21.4	BGE4145	06/01/2023 08:30	KRB
SW-8270	Acenaphthene	A	<21.4U	ug/kg dry	1	21.4	21.4	BGE4145	06/01/2023 08:30	KRB
SW-8270	Acenaphthylene	A	<21.4U	ug/kg dry	1	21.4	21.4	BGE4145	06/01/2023 08:30	KRB
SW-8270	Anthracene	A	<21.4U	ug/kg dry	1	21.4	21.4	BGE4145	06/01/2023 08:30	KRB
SW-8270	Diethyl phthalate	A	46.9V	ug/kg dry	1	21.4	21.4	BGE4145	06/01/2023 08:30	KRB
SW-8270	Di-n-butyl phthalate	A	60.2V	ug/kg dry	1	21.4	21.4	BGE4145	06/01/2023 08:30	KRB
SW-8270	Fluorene	A	<21.4U	ug/kg dry	1	21.4	21.4	BGE4145	06/01/2023 08:30	KRB
SW-8270	Hexachlorocyclopentadiene	A	<21.4U	ug/kg dry	1	21.4	21.4	BGE4145	06/01/2023 08:30	KRB
SW-8270	Naphthalene	A	<21.4U	ug/kg dry	1	21.4	21.4	BGE4145	06/01/2023 08:30	KRB
SW-8270	Phenanthrene	A	<21.4U	ug/kg dry	1	21.4	21.4	BGE4145	06/01/2023 08:30	KRB
SW-8270	Phenol, Total	A	533V	ug/kg dry	1	42.7	42.7	BGE4145	06/01/2023 08:30	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		22.2% S	60-140					06/01/2023 08:30	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		56.3% S	60-140					06/01/2023 08:30	
SW-8270	Surrogate: 2-Fluorophenol-surr		74.0%	60-140					06/01/2023 08:30	
SW-8270	Surrogate: Nitrobenzene-d5-surr		83.0%	60-140					06/01/2023 08:30	
SW-8270	Surrogate: Phenol-d5-surr		53.9% S	60-140					06/01/2023 08:30	
SW-8270	Surrogate: p-Terphenyl-d14-surr		43.1% S	60-140					06/01/2023 08:30	

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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

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**Sample Results**  
(Continued)

Client Sample ID: MM-REF-2  
Lab Sample ID: 23E2848-12RE1  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)anthracene (Rerun)	A	<21.4U	ug/kg dry	1	21.4	21.4	BGE4145	06/05/2023 19:17	KRB
SW-8270	Benzo(a)pyrene (Rerun)	A	<21.4U	ug/kg dry	1	21.4	21.4	BGE4145	06/05/2023 19:17	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<42.7U	ug/kg dry	1	42.7	42.7	BGE4145	06/05/2023 19:17	KRB
SW-8270	Benzo(g,h,i)perylene (Rerun)	A	<21.4U	ug/kg dry	1	21.4	21.4	BGE4145	06/05/2023 19:17	KRB
SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	72.9V	ug/kg dry	1	21.4	21.4	BGE4145	06/05/2023 19:17	KRB
SW-8270	Chrysene (Rerun)	A	<21.4U	ug/kg dry	1	21.4	21.4	BGE4145	06/05/2023 19:17	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<21.4U	ug/kg dry	1	21.4	21.4	BGE4145	06/05/2023 19:17	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<21.4U	ug/kg dry	1	21.4	21.4	BGE4145	06/05/2023 19:17	KRB
SW-8270	Fluoranthene (Rerun)	A	<21.4U	ug/kg dry	1	21.4	21.4	BGE4145	06/05/2023 19:17	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<21.4U	ug/kg dry	1	21.4	21.4	BGE4145	06/05/2023 19:17	KRB
SW-8270	Pyrene (Rerun)	A	<21.4U	ug/kg dry	1	21.4	21.4	BGE4145	06/05/2023 19:17	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		27.3% S	60-140					06/05/2023 19:17	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		62.2%	60-140					06/05/2023 19:17	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		82.8%	60-140					06/05/2023 19:17	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		102%	60-140					06/05/2023 19:17	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		91.5%	60-140					06/05/2023 19:17	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		69.5%	60-140					06/05/2023 19:17	



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Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: MM-REF-3  
Lab Sample ID: 23E2848-13  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<44.9U	ug/kg dry	1	44.9	44.9	BGE4145	06/01/2023 09:05	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 09:05	KRB
SW-8270	Acenaphthene	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 09:05	KRB
SW-8270	Acenaphthylene	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 09:05	KRB
SW-8270	Anthracene	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 09:05	KRB
SW-8270	Diethyl phthalate	A	<22.5B, U	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 09:05	KRB
SW-8270	Di-n-butyl phthalate	A	43.8V	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 09:05	KRB
SW-8270	Fluorene	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 09:05	KRB
SW-8270	Hexachlorocyclopentadiene	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 09:05	KRB
SW-8270	Naphthalene	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 09:05	KRB
SW-8270	Phenanthrene	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 09:05	KRB
SW-8270	Phenol, Total	A	666V	ug/kg dry	1	44.9	44.9	BGE4145	06/01/2023 09:05	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		13.2% S	60-140					06/01/2023 09:05	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		52.8% S	60-140					06/01/2023 09:05	
SW-8270	Surrogate: 2-Fluorophenol-surr		70.2%	60-140					06/01/2023 09:05	
SW-8270	Surrogate: Nitrobenzene-d5-surr		84.9%	60-140					06/01/2023 09:05	
SW-8270	Surrogate: Phenol-d5-surr		57.9% S	60-140					06/01/2023 09:05	
SW-8270	Surrogate: p-Terphenyl-d14-surr		37.9% S	60-140					06/01/2023 09:05	

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Project Number:  
Project Manager: Gregg Pawlak

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**Sample Results**  
(Continued)

Client Sample ID: MM-REF-3  
Lab Sample ID: 23E2848-13RE1  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)anthracene (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 19:52	KRB
SW-8270	Benzo(a)pyrene (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 19:52	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<44.9U	ug/kg dry	1	44.9	44.9	BGE4145	06/05/2023 19:52	KRB
SW-8270	Benzo(g,h,i)perylene (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 19:52	KRB
SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	56.7V	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 19:52	KRB
SW-8270	Chrysene (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 19:52	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 19:52	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 19:52	KRB
SW-8270	Fluoranthene (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 19:52	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 19:52	KRB
SW-8270	Pyrene (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 19:52	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		14.4% S	60-140					06/05/2023 19:52	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		53.6% S	60-140					06/05/2023 19:52	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		77.9%	60-140					06/05/2023 19:52	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		105%	60-140					06/05/2023 19:52	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		92.0%	60-140					06/05/2023 19:52	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		59.9% S	60-140					06/05/2023 19:52	





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Project Number:  
Project Manager: Gregg Pawlak

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**Sample Results**  
(Continued)

Client Sample ID: MM-REF-5  
Lab Sample ID: 23E2848-15  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<44.6U	ug/kg dry	1	44.6	44.6	BGE4145	06/01/2023 10:14	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<22.3U	ug/kg dry	1	22.3	22.3	BGE4145	06/01/2023 10:14	KRB
SW-8270	Acenaphthene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGE4145	06/01/2023 10:14	KRB
SW-8270	Acenaphthylene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGE4145	06/01/2023 10:14	KRB
SW-8270	Anthracene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGE4145	06/01/2023 10:14	KRB
SW-8270	Diethyl phthalate	A	<22.3B, U	ug/kg dry	1	22.3	22.3	BGE4145	06/01/2023 10:14	KRB
SW-8270	Di-n-butyl phthalate	A	47.0V	ug/kg dry	1	22.3	22.3	BGE4145	06/01/2023 10:14	KRB
SW-8270	Fluorene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGE4145	06/01/2023 10:14	KRB
SW-8270	Hexachlorocyclopentadiene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGE4145	06/01/2023 10:14	KRB
SW-8270	Naphthalene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGE4145	06/01/2023 10:14	KRB
SW-8270	Phenanthrene	A	<22.3U	ug/kg dry	1	22.3	22.3	BGE4145	06/01/2023 10:14	KRB
SW-8270	Phenol, Total	A	660V	ug/kg dry	1	44.6	44.6	BGE4145	06/01/2023 10:14	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		17.4% S	60-140					06/01/2023 10:14	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		50.2% S	60-140					06/01/2023 10:14	
SW-8270	Surrogate: 2-Fluorophenol-surr		66.8%	60-140					06/01/2023 10:14	
SW-8270	Surrogate: Nitrobenzene-d5-surr		88.1%	60-140					06/01/2023 10:14	
SW-8270	Surrogate: Phenol-d5-surr		57.0% S	60-140					06/01/2023 10:14	
SW-8270	Surrogate: p-Terphenyl-d14-surr		40.2% S	60-140					06/01/2023 10:14	

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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

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**Sample Results**  
(Continued)

Client Sample ID: MM-REF-5  
Lab Sample ID: 23E2848-15RE1  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)anthracene (Rerun)	A	<22.3U	ug/kg dry	1	22.3	22.3	BGE4145	06/05/2023 21:01	KRB
SW-8270	Benzo(a)pyrene (Rerun)	A	<22.3U	ug/kg dry	1	22.3	22.3	BGE4145	06/05/2023 21:01	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<44.6U	ug/kg dry	1	44.6	44.6	BGE4145	06/05/2023 21:01	KRB
SW-8270	Benzo(g,h,i)perylene (Rerun)	A	<22.3U	ug/kg dry	1	22.3	22.3	BGE4145	06/05/2023 21:01	KRB
SW-8270	Bis(2-ethylhexyl) phthalate (Rerun)	A	94.1V	ug/kg dry	1	22.3	22.3	BGE4145	06/05/2023 21:01	KRB
SW-8270	Chrysene (Rerun)	A	<22.3U	ug/kg dry	1	22.3	22.3	BGE4145	06/05/2023 21:01	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<22.3U	ug/kg dry	1	22.3	22.3	BGE4145	06/05/2023 21:01	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<22.3U	ug/kg dry	1	22.3	22.3	BGE4145	06/05/2023 21:01	KRB
SW-8270	Fluoranthene (Rerun)	A	<22.3U	ug/kg dry	1	22.3	22.3	BGE4145	06/05/2023 21:01	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<22.3U	ug/kg dry	1	22.3	22.3	BGE4145	06/05/2023 21:01	KRB
SW-8270	Pyrene (Rerun)	A	<22.3U	ug/kg dry	1	22.3	22.3	BGE4145	06/05/2023 21:01	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		18.3% S	60-140					06/05/2023 21:01	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		50.8% S	60-140					06/05/2023 21:01	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		79.8%	60-140					06/05/2023 21:01	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		98.5%	60-140					06/05/2023 21:01	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		94.4%	60-140					06/05/2023 21:01	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		65.0%	60-140					06/05/2023 21:01	



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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-16      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<45.1U	ug/kg dry	1	45.1	45.1	BGE4145	06/01/2023 10:48	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 10:48	KRB
SW-8270	Acenaphthene	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 10:48	KRB
SW-8270	Acenaphthylene	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 10:48	KRB
SW-8270	Anthracene	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 10:48	KRB
SW-8270	Diethyl phthalate	A	<22.5B, U	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 10:48	KRB
SW-8270	Di-n-butyl phthalate	A	44.5V	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 10:48	KRB
SW-8270	Fluorene	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 10:48	KRB
SW-8270	Hexachlorocyclopentadiene	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 10:48	KRB
SW-8270	Naphthalene	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 10:48	KRB
SW-8270	Phenanthrene	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/01/2023 10:48	KRB
SW-8270	Phenol, Total	A	646V	ug/kg dry	1	45.1	45.1	BGE4145	06/01/2023 10:48	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		12.4% S	60-140					06/01/2023 10:48	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		55.4% S	60-140					06/01/2023 10:48	
SW-8270	Surrogate: 2-Fluorophenol-surr		64.7%	60-140					06/01/2023 10:48	
SW-8270	Surrogate: Nitrobenzene-d5-surr		84.0%	60-140					06/01/2023 10:48	
SW-8270	Surrogate: Phenol-d5-surr		50.5% S	60-140					06/01/2023 10:48	
SW-8270	Surrogate: p-Terphenyl-d14-surr		49.1% S	60-140					06/01/2023 10:48	



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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-16RE1      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)anthracene (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 21:36	KRB
SW-8270	Benzo(a)pyrene (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 21:36	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<45.1U	ug/kg dry	1	45.1	45.1	BGE4145	06/05/2023 21:36	KRB
SW-8270	Benzo(g,h,i)perylene (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 21:36	KRB
SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	66.4V	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 21:36	KRB
SW-8270	Chrysene (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 21:36	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 21:36	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 21:36	KRB
SW-8270	Fluoranthene (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 21:36	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 21:36	KRB
SW-8270	Pyrene (Rerun)	A	<22.5U	ug/kg dry	1	22.5	22.5	BGE4145	06/05/2023 21:36	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		13.2% S	60-140					06/05/2023 21:36	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		59.6% S	60-140					06/05/2023 21:36	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		75.3%	60-140					06/05/2023 21:36	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		99.9%	60-140					06/05/2023 21:36	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		87.3%	60-140					06/05/2023 21:36	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		73.7%	60-140					06/05/2023 21:36	



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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-2	Sample Matrix: Tissue
Lab Sample ID: 23E2848-17	Date Collected: 04/01/2023 11:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<40.0U	ug/kg dry	1	40.0	40.0	BGE4145	06/01/2023 11:23	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<20.0U	ug/kg dry	1	20.0	20.0	BGE4145	06/01/2023 11:23	KRB
SW-8270	Acenaphthene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGE4145	06/01/2023 11:23	KRB
SW-8270	Acenaphthylene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGE4145	06/01/2023 11:23	KRB
SW-8270	Anthracene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGE4145	06/01/2023 11:23	KRB
SW-8270	Benzo(g,h,i)perylene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGE4145	06/01/2023 11:23	KRB
SW-8270	Diethyl phthalate	A	<20.0B, U	ug/kg dry	1	20.0	20.0	BGE4145	06/01/2023 11:23	KRB
SW-8270	Di-n-butyl phthalate	A	37.5V	ug/kg dry	1	20.0	20.0	BGE4145	06/01/2023 11:23	KRB
SW-8270	Fluorene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGE4145	06/01/2023 11:23	KRB
SW-8270	Hexachlorocyclopentadiene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGE4145	06/01/2023 11:23	KRB
SW-8270	Naphthalene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGE4145	06/01/2023 11:23	KRB
SW-8270	Phenanthrene	A	<20.0U	ug/kg dry	1	20.0	20.0	BGE4145	06/01/2023 11:23	KRB
SW-8270	Phenol, Total	A	620V	ug/kg dry	1	40.0	40.0	BGE4145	06/01/2023 11:23	KRB
<hr/>										
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		14.2% S	60-140					06/01/2023 11:23	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		54.8% S	60-140					06/01/2023 11:23	
SW-8270	Surrogate: 2-Fluorophenol-surr		61.1%	60-140					06/01/2023 11:23	
SW-8270	Surrogate: Nitrobenzene-d5-surr		85.5%	60-140					06/01/2023 11:23	
SW-8270	Surrogate: Phenol-d5-surr		50.4% S	60-140					06/01/2023 11:23	
SW-8270	Surrogate: p-Terphenyl-d14-surr		43.6% S	60-140					06/01/2023 11:23	

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Project Number:  
Project Manager: Gregg Pawlak

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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-2  
Lab Sample ID: 23E2848-17RE1  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)pyrene (Rerun)	A	<20.0U	ug/kg dry	1	20.0	20.0	BGE4145	06/05/2023 22:45	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<40.0U	ug/kg dry	1	40.0	40.0	BGE4145	06/05/2023 22:45	KRB
SW-8270	Benzo(a)anthracene & Chrysene (Rerun)	N	<40.0U	ug/kg dry	1	40.0	40.0	BGE4145	06/05/2023 22:45	KRB
SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	96.6V	ug/kg dry	1	20.0	20.0	BGE4145	06/05/2023 22:45	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<20.0U	ug/kg dry	1	20.0	20.0	BGE4145	06/05/2023 22:45	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<20.0U	ug/kg dry	1	20.0	20.0	BGE4145	06/05/2023 22:45	KRB
SW-8270	Fluoranthene (Rerun)	A	<20.0U	ug/kg dry	1	20.0	20.0	BGE4145	06/05/2023 22:45	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<20.0U	ug/kg dry	1	20.0	20.0	BGE4145	06/05/2023 22:45	KRB
SW-8270	Pyrene (Rerun)	A	<20.0C+, U	ug/kg dry	1	20.0	20.0	BGE4145	06/05/2023 22:45	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		15.7% S	60-140					06/05/2023 22:45	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		62.6%	60-140					06/05/2023 22:45	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		68.5%	60-140					06/05/2023 22:45	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		99.5%	60-140					06/05/2023 22:45	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		78.0%	60-140					06/05/2023 22:45	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		80.1%	60-140					06/05/2023 22:45	

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Project Manager: Gregg Pawlak

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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-3  
Lab Sample ID: 23E2848-18  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 11:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<40.5U	ug/kg dry	1	40.5	40.5	BGE4145	06/01/2023 11:57	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<20.3U	ug/kg dry	1	20.3	20.3	BGE4145	06/01/2023 11:57	KRB
SW-8270	Acenaphthene	A	<20.3U	ug/kg dry	1	20.3	20.3	BGE4145	06/01/2023 11:57	KRB
SW-8270	Acenaphthylene	A	<20.3U	ug/kg dry	1	20.3	20.3	BGE4145	06/01/2023 11:57	KRB
SW-8270	Anthracene	A	<20.3U	ug/kg dry	1	20.3	20.3	BGE4145	06/01/2023 11:57	KRB
SW-8270	Benzo(g,h,i)perylene	A	<20.3U	ug/kg dry	1	20.3	20.3	BGE4145	06/01/2023 11:57	KRB
SW-8270	Diethyl phthalate	A	<20.3B, U	ug/kg dry	1	20.3	20.3	BGE4145	06/01/2023 11:57	KRB
SW-8270	Di-n-butyl phthalate	A	33.5V	ug/kg dry	1	20.3	20.3	BGE4145	06/01/2023 11:57	KRB
SW-8270	Fluorene	A	<20.3U	ug/kg dry	1	20.3	20.3	BGE4145	06/01/2023 11:57	KRB
SW-8270	Hexachlorocyclopentadiene	A	<20.3U	ug/kg dry	1	20.3	20.3	BGE4145	06/01/2023 11:57	KRB
SW-8270	Naphthalene	A	<20.3U	ug/kg dry	1	20.3	20.3	BGE4145	06/01/2023 11:57	KRB
SW-8270	Phenanthrene	A	<20.3U	ug/kg dry	1	20.3	20.3	BGE4145	06/01/2023 11:57	KRB
SW-8270	Phenol, Total	A	559V	ug/kg dry	1	40.5	40.5	BGE4145	06/01/2023 11:57	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		27.0% S	60-140					06/01/2023 11:57	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		68.1%	60-140					06/01/2023 11:57	
SW-8270	Surrogate: 2-Fluorophenol-surr		73.9%	60-140					06/01/2023 11:57	
SW-8270	Surrogate: Nitrobenzene-d5-surr		87.8%	60-140					06/01/2023 11:57	
SW-8270	Surrogate: Phenol-d5-surr		57.9% S	60-140					06/01/2023 11:57	
SW-8270	Surrogate: p-Terphenyl-d14-surr		42.6% S	60-140					06/01/2023 11:57	



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**Sample Results**  
(Continued)

Client Sample ID: MM-CDP-PRETEST-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-18RE1      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)pyrene (Rerun)	A	<20.3U	ug/kg dry	1	20.3	20.3	BGE4145	06/05/2023 23:19	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<40.5U	ug/kg dry	1	40.5	40.5	BGE4145	06/05/2023 23:19	KRB
SW-8270	Benzo(a)anthracene & Chrysene (Rerun)	N	<40.5U	ug/kg dry	1	40.5	40.5	BGE4145	06/05/2023 23:19	KRB
SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	65.4V	ug/kg dry	1	20.3	20.3	BGE4145	06/05/2023 23:19	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<20.3U	ug/kg dry	1	20.3	20.3	BGE4145	06/05/2023 23:19	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<20.3U	ug/kg dry	1	20.3	20.3	BGE4145	06/05/2023 23:19	KRB
SW-8270	Fluoranthene (Rerun)	A	<20.3U	ug/kg dry	1	20.3	20.3	BGE4145	06/05/2023 23:19	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<20.3U	ug/kg dry	1	20.3	20.3	BGE4145	06/05/2023 23:19	KRB
SW-8270	Pyrene (Rerun)	A	<20.3C+, U	ug/kg dry	1	20.3	20.3	BGE4145	06/05/2023 23:19	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		27.7% S	60-140					06/05/2023 23:19	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		76.6%	60-140					06/05/2023 23:19	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		88.1%	60-140					06/05/2023 23:19	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		109%	60-140					06/05/2023 23:19	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		93.3%	60-140					06/05/2023 23:19	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		82.2%	60-140					06/05/2023 23:19	



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Project Number:  
Project Manager: Gregg Pawlak

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**Sample Results**  
(Continued)

Client Sample ID: NV-REF-1  
Lab Sample ID: 23E2848-29RE1  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)pyrene (Rerun)	A	<16.2U	ug/kg dry	1	16.2	16.2	BGE4145	06/05/2023 23:54	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<32.5U	ug/kg dry	1	32.5	32.5	BGE4145	06/05/2023 23:54	KRB
SW-8270	Benzo(a)anthracene & Chrysene (Rerun)	N	<32.5U	ug/kg dry	1	32.5	32.5	BGE4145	06/05/2023 23:54	KRB
SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	25.5V	ug/kg dry	1	16.2	16.2	BGE4145	06/05/2023 23:54	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<16.2U	ug/kg dry	1	16.2	16.2	BGE4145	06/05/2023 23:54	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<16.2U	ug/kg dry	1	16.2	16.2	BGE4145	06/05/2023 23:54	KRB
SW-8270	Fluoranthene (Rerun)	A	<16.2U	ug/kg dry	1	16.2	16.2	BGE4145	06/05/2023 23:54	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<16.2U	ug/kg dry	1	16.2	16.2	BGE4145	06/05/2023 23:54	KRB
SW-8270	Pyrene (Rerun)	A	<16.2C+, U	ug/kg dry	1	16.2	16.2	BGE4145	06/05/2023 23:54	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		5.10% S	60-140					06/05/2023 23:54	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		30.6% S	60-140					06/05/2023 23:54	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		64.8%	60-140					06/05/2023 23:54	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		79.7%	60-140					06/05/2023 23:54	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		68.1%	60-140					06/05/2023 23:54	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		29.9% S	60-140					06/05/2023 23:54	



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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

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**Sample Results**  
(Continued)

Client Sample ID: NV-REF-2  
Lab Sample ID: 23E2848-30RE1  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)pyrene (Rerun)	A	<17.0U	ug/kg dry	1	17.0	17.0	BGE4145	06/06/2023 00:28	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<34.0U	ug/kg dry	1	34.0	34.0	BGE4145	06/06/2023 00:28	KRB
SW-8270	Benzo(a)anthracene & Chrysene (Rerun)	N	<34.0U	ug/kg dry	1	34.0	34.0	BGE4145	06/06/2023 00:28	KRB
SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	38.5V	ug/kg dry	1	17.0	17.0	BGE4145	06/06/2023 00:28	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<17.0U	ug/kg dry	1	17.0	17.0	BGE4145	06/06/2023 00:28	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<17.0U	ug/kg dry	1	17.0	17.0	BGE4145	06/06/2023 00:28	KRB
SW-8270	Fluoranthene (Rerun)	A	<17.0U	ug/kg dry	1	17.0	17.0	BGE4145	06/06/2023 00:28	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<17.0U	ug/kg dry	1	17.0	17.0	BGE4145	06/06/2023 00:28	KRB
SW-8270	Pyrene (Rerun)	A	<17.0C+, U	ug/kg dry	1	17.0	17.0	BGE4145	06/06/2023 00:28	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		29.1% S	60-140					06/06/2023 00:28	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		60.0%	60-140					06/06/2023 00:28	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		84.7%	60-140					06/06/2023 00:28	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		99.8%	60-140					06/06/2023 00:28	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		80.7%	60-140					06/06/2023 00:28	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		54.6% S	60-140					06/06/2023 00:28	





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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

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**Sample Results**  
(Continued)

Client Sample ID: NV-REF-3  
Lab Sample ID: 23E2848-31RE1  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)pyrene (Rerun)	A	<19.2U	ug/kg dry	1	19.2	19.2	BGE4145	06/06/2023 01:03	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<38.5U	ug/kg dry	1	38.5	38.5	BGE4145	06/06/2023 01:03	KRB
SW-8270	Benzo(a)anthracene & Chrysene (Rerun)	N	<38.5U	ug/kg dry	1	38.5	38.5	BGE4145	06/06/2023 01:03	KRB
SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	173V	ug/kg dry	1	19.2	19.2	BGE4145	06/06/2023 01:03	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<19.2U	ug/kg dry	1	19.2	19.2	BGE4145	06/06/2023 01:03	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<19.2U	ug/kg dry	1	19.2	19.2	BGE4145	06/06/2023 01:03	KRB
SW-8270	Fluoranthene (Rerun)	A	<19.2U	ug/kg dry	1	19.2	19.2	BGE4145	06/06/2023 01:03	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<19.2U	ug/kg dry	1	19.2	19.2	BGE4145	06/06/2023 01:03	KRB
SW-8270	Pyrene (Rerun)	A	<19.2C+, U	ug/kg dry	1	19.2	19.2	BGE4145	06/06/2023 01:03	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		31.5% S	60-140					06/06/2023 01:03	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		59.1% S	60-140					06/06/2023 01:03	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		81.3%	60-140					06/06/2023 01:03	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		92.7%	60-140					06/06/2023 01:03	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		92.0%	60-140					06/06/2023 01:03	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		86.2%	60-140					06/06/2023 01:03	

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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: NV-REF-4  
Lab Sample ID: 23E2848-32  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<43.7U	ug/kg dry	1	43.7	43.7	BGE4145	06/01/2023 14:15	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<21.9U	ug/kg dry	1	21.9	21.9	BGE4145	06/01/2023 14:15	KRB
SW-8270	Acenaphthene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGE4145	06/01/2023 14:15	KRB
SW-8270	Acenaphthylene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGE4145	06/01/2023 14:15	KRB
SW-8270	Anthracene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGE4145	06/01/2023 14:15	KRB
SW-8270	Benzo(g,h,i)perylene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGE4145	06/01/2023 14:15	KRB
SW-8270	Diethyl phthalate	A	48.8V	ug/kg dry	1	21.9	21.9	BGE4145	06/01/2023 14:15	KRB
SW-8270	Di-n-butyl phthalate	A	50.1V	ug/kg dry	1	21.9	21.9	BGE4145	06/01/2023 14:15	KRB
SW-8270	Fluorene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGE4145	06/01/2023 14:15	KRB
SW-8270	Hexachlorocyclopentadiene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGE4145	06/01/2023 14:15	KRB
SW-8270	Naphthalene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGE4145	06/01/2023 14:15	KRB
SW-8270	Phenanthrene	A	<21.9U	ug/kg dry	1	21.9	21.9	BGE4145	06/01/2023 14:15	KRB
SW-8270	Phenol, Total	A	912V	ug/kg dry	1	43.7	43.7	BGE4145	06/01/2023 14:15	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		15.7% S	60-140					06/01/2023 14:15	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		57.1% S	60-140					06/01/2023 14:15	
SW-8270	Surrogate: 2-Fluorophenol-surr		67.0%	60-140					06/01/2023 14:15	
SW-8270	Surrogate: Nitrobenzene-d5-surr		102%	60-140					06/01/2023 14:15	
SW-8270	Surrogate: Phenol-d5-surr		64.0%	60-140					06/01/2023 14:15	
SW-8270	Surrogate: p-Terphenyl-d14-surr		23.0% S	60-140					06/01/2023 14:15	





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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: NV-REF-5  
Lab Sample ID: 23E2848-33RE1  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)anthracene (Rerun)	A	<15.7U	ug/kg dry	1	15.7	15.7	BGE4145	06/10/2023 04:07	KRB
SW-8270	Benzo(a)pyrene (Rerun)	A	<15.7U	ug/kg dry	1	15.7	15.7	BGE4145	06/10/2023 04:07	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<31.5U	ug/kg dry	1	31.5	31.5	BGE4145	06/10/2023 04:07	KRB
SW-8270	Benzo(g,h,i)perylene (Rerun)	A	<15.7U	ug/kg dry	1	15.7	15.7	BGE4145	06/10/2023 04:07	KRB
SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	<15.7B, U	ug/kg dry	1	15.7	15.7	BGE4145	06/10/2023 04:07	KRB
SW-8270	Chrysene (Rerun)	A	<15.7U	ug/kg dry	1	15.7	15.7	BGE4145	06/10/2023 04:07	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<15.7U	ug/kg dry	1	15.7	15.7	BGE4145	06/10/2023 04:07	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<15.7U	ug/kg dry	1	15.7	15.7	BGE4145	06/10/2023 04:07	KRB
SW-8270	Fluoranthene (Rerun)	A	<15.7U	ug/kg dry	1	15.7	15.7	BGE4145	06/10/2023 04:07	KRB
SW-8270	Hexachlorocyclopentadiene (Rerun)	A	<15.7U	ug/kg dry	1	15.7	15.7	BGE4145	06/10/2023 04:07	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<15.7U	ug/kg dry	1	15.7	15.7	BGE4145	06/10/2023 04:07	KRB
SW-8270	Phenol, Total (Rerun)	A	618V	ug/kg dry	1	31.5	31.5	BGE4145	06/10/2023 04:07	KRB
SW-8270	Pyrene (Rerun)	A	<15.7U	ug/kg dry	1	15.7	15.7	BGE4145	06/10/2023 04:07	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		15.1% S	60-140					06/10/2023 04:07	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		59.2% S	60-140					06/10/2023 04:07	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		65.9%	60-140					06/10/2023 04:07	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		110%	60-140					06/10/2023 04:07	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		91.9%	60-140					06/10/2023 04:07	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		36.2% S	60-140					06/10/2023 04:07	

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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-1  
Lab Sample ID: 23E2848-34  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<38.4U	ug/kg dry	1	38.4	38.4	BGE4145	06/01/2023 15:59	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<19.2U	ug/kg dry	1	19.2	19.2	BGE4145	06/01/2023 15:59	KRB
SW-8270	Acenaphthene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGE4145	06/01/2023 15:59	KRB
SW-8270	Acenaphthylene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGE4145	06/01/2023 15:59	KRB
SW-8270	Anthracene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGE4145	06/01/2023 15:59	KRB
SW-8270	Diethyl phthalate	A	26.4V	ug/kg dry	1	19.2	19.2	BGE4145	06/01/2023 15:59	KRB
SW-8270	Di-n-butyl phthalate	A	170V	ug/kg dry	1	19.2	19.2	BGE4145	06/01/2023 15:59	KRB
SW-8270	Fluorene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGE4145	06/01/2023 15:59	KRB
SW-8270	Naphthalene	A	126	ug/kg dry	1	19.2	19.2	BGE4145	06/01/2023 15:59	KRB
SW-8270	Phenanthrene	A	<19.2U	ug/kg dry	1	19.2	19.2	BGE4145	06/01/2023 15:59	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		23.8% S	60-140					06/01/2023 15:59	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		65.0%	60-140					06/01/2023 15:59	
SW-8270	Surrogate: 2-Fluorophenol-surr		90.5%	60-140					06/01/2023 15:59	
SW-8270	Surrogate: Nitrobenzene-d5-surr		96.6%	60-140					06/01/2023 15:59	
SW-8270	Surrogate: Phenol-d5-surr		132%	60-140					06/01/2023 15:59	
SW-8270	Surrogate: p-Terphenyl-d14-surr		10.5% S	60-140					06/01/2023 15:59	

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Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-1  
Lab Sample ID: 23E2848-34RE1  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)anthracene (Rerun)	A	<38.4U	ug/kg dry	2	38.4	38.4	BGE4145	06/10/2023 04:42	KRB
SW-8270	Benzo(a)pyrene (Rerun)	A	<38.4U	ug/kg dry	2	38.4	38.4	BGE4145	06/10/2023 04:42	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<76.9U	ug/kg dry	2	76.9	76.9	BGE4145	06/10/2023 04:42	KRB
SW-8270	Benzo(g,h,i)perylene (Rerun)	A	<38.4U	ug/kg dry	2	38.4	38.4	BGE4145	06/10/2023 04:42	KRB
SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	<38.4B, U	ug/kg dry	2	38.4	38.4	BGE4145	06/10/2023 04:42	KRB
SW-8270	Chrysene (Rerun)	A	<38.4U	ug/kg dry	2	38.4	38.4	BGE4145	06/10/2023 04:42	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<38.4U	ug/kg dry	2	38.4	38.4	BGE4145	06/10/2023 04:42	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<38.4U	ug/kg dry	2	38.4	38.4	BGE4145	06/10/2023 04:42	KRB
SW-8270	Fluoranthene (Rerun)	A	<38.4U	ug/kg dry	2	38.4	38.4	BGE4145	06/10/2023 04:42	KRB
SW-8270	Hexachlorocyclopentadiene (Rerun)	A	<38.4U	ug/kg dry	2	38.4	38.4	BGE4145	06/10/2023 04:42	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<38.4U	ug/kg dry	2	38.4	38.4	BGE4145	06/10/2023 04:42	KRB
SW-8270	Phenol, Total (Rerun)	A	616V	ug/kg dry	2	76.9	76.9	BGE4145	06/10/2023 04:42	KRB
SW-8270	Pyrene (Rerun)	A	<38.4U	ug/kg dry	2	38.4	38.4	BGE4145	06/10/2023 04:42	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		28.9% S	60-140					06/10/2023 04:42	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		68.5%	60-140					06/10/2023 04:42	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		79.6%	60-140					06/10/2023 04:42	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		111%	60-140					06/10/2023 04:42	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		94.8%	60-140					06/10/2023 04:42	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		11.9% S	60-140					06/10/2023 04:42	



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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-2  
Lab Sample ID: 23E2848-35  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<37.7U	ug/kg dry	1	37.7	37.7	BGE4145	06/01/2023 16:33	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<18.8U	ug/kg dry	1	18.8	18.8	BGE4145	06/01/2023 16:33	KRB
SW-8270	Acenaphthene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGE4145	06/01/2023 16:33	KRB
SW-8270	Acenaphthylene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGE4145	06/01/2023 16:33	KRB
SW-8270	Anthracene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGE4145	06/01/2023 16:33	KRB
SW-8270	Diethyl phthalate	A	19.1V	ug/kg dry	1	18.8	18.8	BGE4145	06/01/2023 16:33	KRB
SW-8270	Di-n-butyl phthalate	A	103V	ug/kg dry	1	18.8	18.8	BGE4145	06/01/2023 16:33	KRB
SW-8270	Fluorene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGE4145	06/01/2023 16:33	KRB
SW-8270	Naphthalene	A	122	ug/kg dry	1	18.8	18.8	BGE4145	06/01/2023 16:33	KRB
SW-8270	Phenanthrene	A	<18.8U	ug/kg dry	1	18.8	18.8	BGE4145	06/01/2023 16:33	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		16.1% S	60-140					06/01/2023 16:33	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		58.8% S	60-140					06/01/2023 16:33	
SW-8270	Surrogate: 2-Fluorophenol-surr		70.2%	60-140					06/01/2023 16:33	
SW-8270	Surrogate: Nitrobenzene-d5-surr		90.1%	60-140					06/01/2023 16:33	
SW-8270	Surrogate: Phenol-d5-surr		112%	60-140					06/01/2023 16:33	
SW-8270	Surrogate: p-Terphenyl-d14-surr		8.78% S	60-140					06/01/2023 16:33	

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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-2  
Lab Sample ID: 23E2848-35RE1  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)anthracene (Rerun)	A	<37.7U	ug/kg dry	2	37.7	37.7	BGE4145	06/10/2023 05:17	KRB
SW-8270	Benzo(a)pyrene (Rerun)	A	<37.7U	ug/kg dry	2	37.7	37.7	BGE4145	06/10/2023 05:17	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<75.4U	ug/kg dry	2	75.4	75.4	BGE4145	06/10/2023 05:17	KRB
SW-8270	Benzo(g,h,i)perylene (Rerun)	A	<37.7U	ug/kg dry	2	37.7	37.7	BGE4145	06/10/2023 05:17	KRB
SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	<37.7B, U	ug/kg dry	2	37.7	37.7	BGE4145	06/10/2023 05:17	KRB
SW-8270	Chrysene (Rerun)	A	<37.7U	ug/kg dry	2	37.7	37.7	BGE4145	06/10/2023 05:17	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<37.7U	ug/kg dry	2	37.7	37.7	BGE4145	06/10/2023 05:17	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<37.7U	ug/kg dry	2	37.7	37.7	BGE4145	06/10/2023 05:17	KRB
SW-8270	Fluoranthene (Rerun)	A	<37.7U	ug/kg dry	2	37.7	37.7	BGE4145	06/10/2023 05:17	KRB
SW-8270	Hexachlorocyclopentadiene (Rerun)	A	<37.7U	ug/kg dry	2	37.7	37.7	BGE4145	06/10/2023 05:17	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<37.7U	ug/kg dry	2	37.7	37.7	BGE4145	06/10/2023 05:17	KRB
SW-8270	Phenol, Total (Rerun)	A	822V	ug/kg dry	2	75.4	75.4	BGE4145	06/10/2023 05:17	KRB
SW-8270	Pyrene (Rerun)	A	<37.7U	ug/kg dry	2	37.7	37.7	BGE4145	06/10/2023 05:17	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		20.0% S	60-140					06/10/2023 05:17	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		74.5%	60-140					06/10/2023 05:17	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		52.5% S	60-140					06/10/2023 05:17	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		106%	60-140					06/10/2023 05:17	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		91.1%	60-140					06/10/2023 05:17	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		11.7% S	60-140					06/10/2023 05:17	



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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2848-36      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	2,4-Dichlorophenol	A	<34.8U	ug/kg dry	1	34.8	34.8	BGE4145	06/01/2023 17:08	KRB
SW-8270	2,6-Dinitrotoluene (2,6-DNT)	A	<17.4U	ug/kg dry	1	17.4	17.4	BGE4145	06/01/2023 17:08	KRB
SW-8270	Acenaphthene	A	<17.4U	ug/kg dry	1	17.4	17.4	BGE4145	06/01/2023 17:08	KRB
SW-8270	Acenaphthylene	A	<17.4U	ug/kg dry	1	17.4	17.4	BGE4145	06/01/2023 17:08	KRB
SW-8270	Anthracene	A	<17.4U	ug/kg dry	1	17.4	17.4	BGE4145	06/01/2023 17:08	KRB
SW-8270	Diethyl phthalate	A	25.8V	ug/kg dry	1	17.4	17.4	BGE4145	06/01/2023 17:08	KRB
SW-8270	Di-n-butyl phthalate	A	24.9V	ug/kg dry	1	17.4	17.4	BGE4145	06/01/2023 17:08	KRB
SW-8270	Fluorene	A	<17.4U	ug/kg dry	1	17.4	17.4	BGE4145	06/01/2023 17:08	KRB
SW-8270	Naphthalene	A	52.9	ug/kg dry	1	17.4	17.4	BGE4145	06/01/2023 17:08	KRB
SW-8270	Phenanthrene	A	<17.4U	ug/kg dry	1	17.4	17.4	BGE4145	06/01/2023 17:08	KRB
<hr/>										
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr		7.23% S	60-140					06/01/2023 17:08	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr		50.6% S	60-140					06/01/2023 17:08	
SW-8270	Surrogate: 2-Fluorophenol-surr		83.7%	60-140					06/01/2023 17:08	
SW-8270	Surrogate: Nitrobenzene-d5-surr		102%	60-140					06/01/2023 17:08	
SW-8270	Surrogate: Phenol-d5-surr		125%	60-140					06/01/2023 17:08	
SW-8270	Surrogate: p-Terphenyl-d14-surr		26.0% S	60-140					06/01/2023 17:08	

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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
(Continued)

Client Sample ID: NV-CDP-PRETEST-3  
Lab Sample ID: 23E2848-36RE1  
Sample Alias:

Sample Matrix: Tissue  
Date Collected: 04/01/2023 13:00  
Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Semivolatile Organic Compounds by GCMS**

SW-8270	Benzo(a)anthracene (Rerun)	A	<34.8U	ug/kg dry	2	34.8	34.8	BGE4145	06/10/2023 05:52	KRB
SW-8270	Benzo(a)pyrene (Rerun)	A	<34.8U	ug/kg dry	2	34.8	34.8	BGE4145	06/10/2023 05:52	KRB
SW-8270	benzo(b&k)fluoranthene (Rerun)	A	<69.7U	ug/kg dry	2	69.7	69.7	BGE4145	06/10/2023 05:52	KRB
SW-8270	Benzo(g,h,i)perylene (Rerun)	A	<34.8U	ug/kg dry	2	34.8	34.8	BGE4145	06/10/2023 05:52	KRB
SW-8270	Bis(2-ethylhexyl )phthalate (Rerun)	A	329V	ug/kg dry	2	34.8	34.8	BGE4145	06/10/2023 05:52	KRB
SW-8270	Chrysene (Rerun)	A	<34.8U	ug/kg dry	2	34.8	34.8	BGE4145	06/10/2023 05:52	KRB
SW-8270	Dibenzo(a,h)anthracene (Rerun)	A	<34.8U	ug/kg dry	2	34.8	34.8	BGE4145	06/10/2023 05:52	KRB
SW-8270	Di-n-octyl phthalate (Rerun)	A	<34.8U	ug/kg dry	2	34.8	34.8	BGE4145	06/10/2023 05:52	KRB
SW-8270	Fluoranthene (Rerun)	A	<34.8U	ug/kg dry	2	34.8	34.8	BGE4145	06/10/2023 05:52	KRB
SW-8270	Hexachlorocyclopentadiene (Rerun)	A	<34.8U	ug/kg dry	2	34.8	34.8	BGE4145	06/10/2023 05:52	KRB
SW-8270	Indeno(1,2,3-cd) pyrene (Rerun)	A	<34.8U	ug/kg dry	2	34.8	34.8	BGE4145	06/10/2023 05:52	KRB
SW-8270	Phenol, Total (Rerun)	A	647V	ug/kg dry	2	69.7	69.7	BGE4145	06/10/2023 05:52	KRB
SW-8270	Pyrene (Rerun)	A	<34.8U	ug/kg dry	2	34.8	34.8	BGE4145	06/10/2023 05:52	KRB
SW-8270	Surrogate: 2,4,6-Tribromophenol-surr (Rerun)		11.0% S	60-140					06/10/2023 05:52	
SW-8270	Surrogate: 2-Fluorobiphenyl-surr (Rerun)		60.6%	60-140					06/10/2023 05:52	
SW-8270	Surrogate: 2-Fluorophenol-surr (Rerun)		57.7% S	60-140					06/10/2023 05:52	
SW-8270	Surrogate: Nitrobenzene-d5-surr (Rerun)		94.2%	60-140					06/10/2023 05:52	
SW-8270	Surrogate: Phenol-d5-surr (Rerun)		71.1%	60-140					06/10/2023 05:52	
SW-8270	Surrogate: p-Terphenyl-d14-surr (Rerun)		37.9% S	60-140					06/10/2023 05:52	

Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/24/2023 10:53

### Quality Control

#### Semivolatile Organic Compounds by GCMS

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE4145 - SW-3570</b>										
<b>MB SV BT (BGE4145-BLK1)</b>										
Prepared: 5/25/2023 Analyzed: 6/1/2023										
Di-n-butyl phthalate	3.59		2.36	ug/kg wet						
Surrogate: 2-Fluorobiphenyl-surr			55.7	ug/kg wet	75.6		73.6	60-140		
Surrogate: Nitrobenzene-d5-surr			62.4	ug/kg wet	75.6		82.5	60-140		
Surrogate: p-Terphenyl-d14-surr			49.2	ug/kg wet	75.6		65.1	60-140		
<b>Blank (BGE4145-BLK2)</b>										
Prepared: 5/25/2023 Analyzed: 6/5/2023										
Bis(2-ethylhexyl )phthalate	8.93		2.36	ug/kg wet						
Surrogate: 2-Fluorobiphenyl-surr			59.4	ug/kg wet	75.6		78.5	60-140		
Surrogate: Nitrobenzene-d5-surr			78.2	ug/kg wet	75.6		103	60-140		
Surrogate: p-Terphenyl-d14-surr			53.3	ug/kg wet	75.6		70.5	60-140		
<b>BS SV BT/IDOC1 (BGE4145-BS1)</b>										
Prepared: 5/25/2023 Analyzed: 6/1/2023										
Di-n-butyl phthalate	51.4		2.48	ug/kg wet	79.2		64.9	60-140		
Surrogate: 2-Fluorobiphenyl-surr			52.0	ug/kg wet	79.2		65.7	60-140		
Surrogate: Nitrobenzene-d5-surr			54.9	ug/kg wet	79.2		69.3	60-140		
Surrogate: p-Terphenyl-d14-surr	S		31.2	ug/kg wet	79.2		39.4	60-140		
<b>BS SV BT/IDOC1 (BGE4145-BS2)</b>										
Prepared: 5/25/2023 Analyzed: 6/5/2023										
Bis(2-ethylhexyl )phthalate	84.0		2.48	ug/kg wet	79.2		106	60-140		
Surrogate: 2-Fluorobiphenyl-surr	S		46.3	ug/kg wet	79.2		58.5	60-140		
Surrogate: Nitrobenzene-d5-surr			68.3	ug/kg wet	79.2		86.2	60-140		
Surrogate: p-Terphenyl-d14-surr			49.1	ug/kg wet	79.2		62.0	60-140		
<b>BSD SV BT/IDOC2 (BGE4145-BSD1)</b>										
Prepared: 5/25/2023 Analyzed: 6/1/2023										
Di-n-butyl phthalate	51.0		2.43	ug/kg wet	77.8		65.6	60-140	0.651	40
Surrogate: 2-Fluorobiphenyl-surr			47.7	ug/kg wet	77.8		61.3	60-140		
Surrogate: Nitrobenzene-d5-surr			48.6	ug/kg wet	77.8		62.4	60-140		
Surrogate: p-Terphenyl-d14-surr	S		32.9	ug/kg wet	77.8		42.2	60-140		

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Project: PCCA CDP TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/24/2023 10:53

**Quality Control**  
(Continued)

**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE4145 - SW-3570 (Continued)</b>										
<b>BSD SV BT/IDOC2 (BGE4145-BSD2)</b>										
Prepared: 5/25/2023 Analyzed: 6/5/2023										
Bis(2-ethylhexyl )phthalate	89.4		2.43	ug/kg wet	77.8		115	60-140	6.16	40
Surrogate: 2-Fluorobiphenyl-surr		S	43.7	ug/kg wet	77.8		56.2	60-140		
Surrogate: Nitrobenzene-d5-surr			67.7	ug/kg wet	77.8		87.0	60-140		
Surrogate: p-Terphenyl-d14-surr			51.6	ug/kg wet	77.8		66.3	60-140		
<b>MDL SV BT (BGE4145-MRL1)</b>										
Prepared: 5/25/2023 Analyzed: 6/1/2023										
Di-n-butyl phthalate	4.81		2.42	ug/kg wet	7.74		62.2	50-150		
Surrogate: 2-Fluorobiphenyl-surr			48.4	ug/kg wet	77.4		62.6	60-140		
Surrogate: Nitrobenzene-d5-surr			60.8	ug/kg wet	77.4		78.6	60-140		
Surrogate: p-Terphenyl-d14-surr		S	34.9	ug/kg wet	77.4		45.0	60-140		
<b>MRL Check (BGE4145-MRL2)</b>										
Prepared: 5/25/2023 Analyzed: 6/5/2023										
Bis(2-ethylhexyl )phthalate	13.8	J1	2.42	ug/kg wet	7.74		178	50-150		
Surrogate: 2-Fluorobiphenyl-surr			50.3	ug/kg wet	77.4		65.0	60-140		
Surrogate: Nitrobenzene-d5-surr			68.3	ug/kg wet	77.4		88.3	60-140		
Surrogate: p-Terphenyl-d14-surr		S	43.7	ug/kg wet	77.4		56.5	60-140		
<b>23E2848-11 MS (BGE4145-MS1)</b>										
Source: 23E2848-11 Prepared: 5/25/2023 Analyzed: 6/1/2023										
Di-n-butyl phthalate	372	J1	20.0	ug/kg dry	641	58.1	49.0	60-140		
Surrogate: 2-Fluorobiphenyl-surr		S	307	ug/kg dry	641		47.9	60-140		
Surrogate: Nitrobenzene-d5-surr			497	ug/kg dry	641		77.5	60-140		
Surrogate: p-Terphenyl-d14-surr		S	205	ug/kg dry	641		32.0	60-140		
<b>Matrix Spike (BGE4145-MS2)</b>										
Source: 23E2848-11RE1 Prepared: 5/25/2023 Analyzed: 6/5/2023										
Bis(2-ethylhexyl )phthalate	525		20.0	ug/kg dry	641	54.8	73.3	60-140		
Surrogate: 2-Fluorobiphenyl-surr		S	318	ug/kg dry	641		49.6	60-140		
Surrogate: Nitrobenzene-d5-surr			655	ug/kg dry	641		102	60-140		
Surrogate: p-Terphenyl-d14-surr			426	ug/kg dry	641		66.4	60-140		



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA CDP TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/24/2023 10:53
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**Quality Control**  
(Continued)

**Semivolatile Organic Compounds by GCMS (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE4145 - SW-3570 (Continued)**

**23E2848-11 MSD (BGE4145-MSD1)**

**Source: 23E2848-11**

Prepared: 5/25/2023 Analyzed: 6/1/2023

Di-n-butyl phthalate	408	J1	21.1	ug/kg dry	675	58.1	51.8	60-140	9.14	40
Surrogate: 2-Fluorobiphenyl-surr	S		294	ug/kg dry	675		43.5	60-140		
Surrogate: Nitrobenzene-d5-surr			527	ug/kg dry	675		78.0	60-140		
Surrogate: p-Terphenyl-d14-surr	S		209	ug/kg dry	675		30.9	60-140		

**Matrix Spike Dup (BGE4145-MSD2)**

**Source: 23E2848-11RE1**

Prepared: 5/25/2023 Analyzed: 6/5/2023

Bis(2-ethylhexyl )phthalate	599		21.1	ug/kg dry	675	54.8	80.6	60-140	13.2	40
Surrogate: 2-Fluorobiphenyl-surr	S		308	ug/kg dry	675		45.6	60-140		
Surrogate: Nitrobenzene-d5-surr			630	ug/kg dry	675		93.4	60-140		
Surrogate: p-Terphenyl-d14-surr			469	ug/kg dry	675		69.4	60-140		



Terracon\_Houston  
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Houston, TX 77043

Project: PCCA CDP TISSUE CHEM  
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**Reported:**  
07/24/2023 10:53

### Sample Condition Checklist

**Work Order: 23E2848**

**Check Points**

- No Custody Seals
- Yes Containers Intact
- Yes COC/Labels Agree
- Yes Received On Ice
- Yes Appropriate Containers
- Yes Appropriate Sample Volume
- No Coolers Intact
- Yes Samples Accepted



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Project: PCCA CDP TISSUE CHEM  
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**Reported:**  
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## Term and Qualifier Definitions

Item	Definition
B	Analyte was found in the associated method blank.
C+	The associated calibration QC is higher than the established quality control criteria for accuracy - no hit in sample; data not affected and acceptable to report.
J1	Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.
S	The surrogate recovery was outside the established laboratory recovery limit.
U	Non-detected compound.
V	Analyte was detected in both sample and method blank.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated
*	A = Accredited, N = Not Accredited or Accreditation not available
DF	Dilution Factor - the factor applied to the reported data due to sample preparation, dilution, or moisture content
MDL	Method Detection Limit - The minimum concentration of a substance (or analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. Based on standard deviation of replicate spiked samples take through all steps of the analytical procedure following 40 CFR Part 136 Appendix B.
SDL	Sample Detection Limit - The minimum concentration of a substance (analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The SDL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MDL = SDL.
MRL	Method Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The MRL is at or above the lowest calibration standard.
LRL	Laboratory Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The LRL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MRL = LRL.



July 07, 2023

## LAB REPORT

Gregg Pawlak  
Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Report ID: 20230707093104MM

RE: PCCA HI TISSUE CHEM

The following test results meet all NELAP requirements for analytes for which certification is available. Any deviations from our quality system will be noted in the case narrative. All analyses performed by North Water District Laboratory Services, Inc. unless noted.

For questions regarding this report, contact Monica Martin at 936-321-6060.

Sincerely,

Monica O. Martin  
Chief Administrative Officer

Terracon\_Houston  
11555 Clay Road  
Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
07/07/2023 09:31

### Work Order Case Narrative

A total of 80 samples were collected on:

<u>Laboratory ID</u>	<u>Sample Name</u>	<u>Sample Date</u>
23E2845-01	MM-HI-DMMU 1-1	04/01/2023 11:00
23E2845-02	MM-HI-DMMU 1-2	04/01/2023 11:00
23E2845-03	MM-HI-DMMU 1-3	04/01/2023 11:00
23E2845-04	MM-HI-DMMU 1-4	04/01/2023 11:00
23E2845-05	MM-HI-DMMU 1-5	04/01/2023 11:00
23E2845-06	MM-HI-DMMU 2-1	04/01/2023 11:00
23E2845-07	MM-HI-DMMU 2-2	04/01/2023 11:00
23E2845-08	MM-HI-DMMU 2-3	04/01/2023 11:00
23E2845-09	MM-HI-DMMU 2-4	04/01/2023 11:00
23E2845-10	MM-HI-DMMU 2-5	04/01/2023 11:00
23E2845-11	MM-HI-DMMU 3-1	04/01/2023 11:00
23E2845-12	MM-HI-DMMU 3-2	04/01/2023 11:00
23E2845-13	MM-HI-DMMU 3-3	04/01/2023 11:00
23E2845-14	MM-HI-DMMU 3-4	04/01/2023 11:00
23E2845-15	MM-HI-DMMU 3-5	04/01/2023 11:00
23E2845-16	MM-HI-DMMU 4-1	04/01/2023 11:00
23E2845-17	MM-HI-DMMU 4-2	04/01/2023 11:00
23E2845-18	MM-HI-DMMU 4-3	04/01/2023 11:00
23E2845-19	MM-HI-DMMU 4-4	04/01/2023 11:00
23E2845-20	MM-HI-DMMU 4-5	04/01/2023 11:00
23E2845-21	MM-HI-DMMU 5-1	04/01/2023 11:00
23E2845-22	MM-HI-DMMU 5-2	04/01/2023 11:00
23E2845-23	MM-HI-DMMU 5-3	04/01/2023 11:00
23E2845-24	MM-HI-DMMU 5-4	04/01/2023 11:00
23E2845-25	MM-HI-DMMU 5-5	04/01/2023 11:00
23E2845-26	MM-HI-DMMU 6-1	04/01/2023 11:00
23E2845-27	MM-HI-DMMU 6-2	04/01/2023 11:00
23E2845-28	MM-HI-DMMU 6-3	04/01/2023 11:00
23E2845-29	MM-HI-DMMU 6-4	04/01/2023 11:00
23E2845-30	MM-HI-DMMU 6-5	04/01/2023 11:00
23E2845-31	MM-HI-DMMU 7-1	04/01/2023 11:00
23E2845-32	MM-HI-DMMU 7-2	04/01/2023 11:00
23E2845-33	MM-HI-DMMU 7-3	04/01/2023 11:00
23E2845-34	MM-HI-DMMU 7-4	04/01/2023 11:00
23E2845-35	MM-HI-DMMU 7-5	04/01/2023 11:00
23E2845-36	MM-HI-DMMU 8-1	04/01/2023 11:00
23E2845-37	MM-HI-DMMU 8-2	04/01/2023 11:00
23E2845-38	MM-HI-DMMU 8-3	04/01/2023 11:00
23E2845-39	MM-HI-DMMU 8-4	04/01/2023 11:00
23E2845-40	MM-HI-DMMU 8-5	04/01/2023 11:00
23E2845-41	NV-HI-DMMU 1-1	04/01/2023 13:00
23E2845-42	NV-HI-DMMU 1-2	04/01/2023 13:00
23E2845-43	NV-HI-DMMU 1-3	04/01/2023 13:00
23E2845-44	NV-HI-DMMU 1-4	04/01/2023 13:00
23E2845-45	NV-HI-DMMU 1-5	04/01/2023 13:00
23E2845-46	NV-HI-DMMU 2-1	04/01/2023 13:00

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23E2845-47	NV-HI-DMMU 2-2	04/01/2023 13:00
23E2845-48	NV-HI-DMMU 2-3	04/01/2023 13:00
23E2845-49	NV-HI-DMMU 2-4	04/01/2023 13:00
23E2845-50	NV-HI-DMMU 2-5	04/01/2023 13:00
23E2845-51	NV-HI-DMMU 3-1	04/01/2023 13:00
23E2845-52	NV-HI-DMMU 3-2	04/01/2023 13:00
23E2845-53	NV-HI-DMMU 3-3	04/01/2023 13:00
23E2845-54	NV-HI-DMMU 3-4	04/01/2023 13:00
23E2845-55	NV-HI-DMMU 3-5	04/01/2023 13:00
23E2845-56	NV-HI-DMMU 4-1	04/01/2023 13:00
23E2845-57	NV-HI-DMMU 4-2	04/01/2023 13:00
23E2845-58	NV-HI-DMMU 4-3	04/01/2023 13:00
23E2845-59	NV-HI-DMMU 4-4	04/01/2023 13:00
23E2845-60	NV-HI-DMMU 4-5	04/01/2023 13:00
23E2845-61	NV-HI-DMMU 5-1	04/01/2023 13:00
23E2845-62	NV-HI-DMMU 5-2	04/01/2023 13:00
23E2845-63	NV-HI-DMMU 5-3	04/01/2023 13:00
23E2845-64	NV-HI-DMMU 5-4	04/01/2023 13:00
23E2845-65	NV-HI-DMMU 5-5	04/01/2023 13:00
23E2845-66	NV-HI-DMMU 6-1	04/01/2023 13:00
23E2845-67	NV-HI-DMMU 6-2	04/01/2023 13:00
23E2845-68	NV-HI-DMMU 6-3	04/01/2023 13:00
23E2845-69	NV-HI-DMMU 6-4	04/01/2023 13:00
23E2845-70	NV-HI-DMMU 6-5	04/01/2023 13:00
23E2845-71	NV-HI-DMMU 7-1	04/01/2023 13:00
23E2845-72	NV-HI-DMMU 7-2	04/01/2023 13:00
23E2845-73	NV-HI-DMMU 7-3	04/01/2023 13:00
23E2845-74	NV-HI-DMMU 7-4	04/01/2023 13:00
23E2845-75	NV-HI-DMMU 7-5	04/01/2023 13:00
23E2845-76	NV-HI-DMMU 8-1	04/01/2023 13:00
23E2845-77	NV-HI-DMMU 8-2	04/01/2023 13:00
23E2845-78	NV-HI-DMMU 8-3	04/01/2023 13:00
23E2845-79	NV-HI-DMMU 8-4	04/01/2023 13:00
23E2845-80	NV-HI-DMMU 8-5	04/01/2023 13:00

Samples were received and accepted at NWDLS on 05/10/2023 15:00 (previously held in freezer storage). Any receiving discrepancies are recorded and stored in NWDLS' database. The samples received a Work Order of 23E2845. The lab sample IDs, client sample IDs, and dates of collection can be found at the top of each result page.

NWDLS provided their lowest detection limit for all requested analyses. Note that detection and reporting limits are adjusted to account for sample specific parameters.

Any QC that did not meet the laboratory specified control limits was flagged and reported with qualifiers. For additional information, please refer to the included quality control data pages.



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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### Sample Results

Client Sample ID: MM-HI-DMMU 1-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-01      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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#### Metals, Total

EPA 200.8	Antimony	N	0.00236J	mg/kg	1	0.00161	0.0200	BGE2501	06/18/2023 10:49	TBB
EPA 200.8	Arsenic	N	2.40	mg/kg	5	0.0123	0.0500	BGE2501	06/18/2023 10:52	TBB
EPA 200.8	Beryllium	N	0.000300J	mg/kg	1	0.000200	0.00400	BGE2501	06/19/2023 13:13	TBB
EPA 200.8	Cadmium	N	0.0304	mg/kg	1	0.000632	0.0200	BGE2501	06/18/2023 10:49	TBB
EPA 200.8	Chromium	N	0.0451V, J	mg/kg	1	0.00147	0.0600	BGE2501	06/18/2023 10:49	TBB
EPA 200.8	Copper	N	1.15V	mg/kg	1	0.00174	0.0200	BGE2501	06/18/2023 10:49	TBB
SW-7471B	Mercury	A	<0.00492U	mg/kg	1	0.00492	0.00984	BGE3529	06/12/2023 13:56	AKR
EPA 200.8	Lead	N	0.0762	mg/kg	1	0.00151	0.0100	BGE2501	06/18/2023 10:49	TBB
EPA 200.8	Nickel	N	0.161V	mg/kg	1	0.000354	0.0200	BGE2501	06/18/2023 10:49	TBB
EPA 200.8	Selenium	N	0.291	mg/kg	1	0.0220	0.0400	BGE2501	06/18/2023 10:49	TBB
EPA 200.8	Silver	N	0.0196	mg/kg	1	0.000142	0.0100	BGE2501	06/19/2023 13:13	TBB
EPA 200.8	Thallium	N	0.000500J	mg/kg	1	0.000138	0.0100	BGE2501	06/18/2023 10:49	TBB
EPA 200.8	Zinc	N	8.62V	mg/kg	5	0.0376	0.200	BGE2501	06/18/2023 10:52	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 1-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-02      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00254J	mg/kg	1	0.00161	0.0200	BGE2501	06/18/2023 11:11	TBB
EPA 200.8	Arsenic	N	2.56	mg/kg	5	0.0123	0.0500	BGE2501	06/18/2023 11:14	TBB
EPA 200.8	Beryllium	N	0.000540J	mg/kg	1	0.000200	0.00400	BGE2501	06/19/2023 13:20	TBB
EPA 200.8	Cadmium	N	0.0352	mg/kg	1	0.000632	0.0200	BGE2501	06/18/2023 11:11	TBB
EPA 200.8	Chromium	N	0.0686V	mg/kg	1	0.00147	0.0600	BGE2501	06/18/2023 11:11	TBB
EPA 200.8	Copper	N	1.45V	mg/kg	1	0.00174	0.0200	BGE2501	06/18/2023 11:11	TBB
SW-7471B	Mercury	A	0.00633J	mg/kg	1	0.00465	0.00930	BGE3529	06/12/2023 13:59	AKR
EPA 200.8	Lead	N	0.0761	mg/kg	1	0.00151	0.0100	BGE2501	06/18/2023 11:11	TBB
EPA 200.8	Nickel	N	0.176V	mg/kg	1	0.000354	0.0200	BGE2501	06/21/2023 13:36	TBB
EPA 200.8	Selenium	N	0.317	mg/kg	1	0.0220	0.0400	BGE2501	06/18/2023 11:11	TBB
EPA 200.8	Silver	N	0.0172	mg/kg	1	0.000142	0.0100	BGE2501	06/19/2023 13:20	TBB
EPA 200.8	Thallium	N	0.000540J	mg/kg	1	0.000138	0.0100	BGE2501	06/18/2023 11:11	TBB
EPA 200.8	Zinc	N	8.51V	mg/kg	5	0.0376	0.200	BGE2501	06/18/2023 11:14	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 1-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-03      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00309J	mg/kg	1	0.00162	0.0201	BGE2501	06/18/2023 11:16	TBB
EPA 200.8	Arsenic	N	2.67	mg/kg	5	0.0123	0.0502	BGE2501	06/18/2023 11:19	TBB
EPA 200.8	Beryllium	N	0.000823J	mg/kg	1	0.000201	0.00402	BGE2501	06/19/2023 13:23	TBB
EPA 200.8	Cadmium	N	0.0360	mg/kg	1	0.000635	0.0201	BGE2501	06/18/2023 11:16	TBB
EPA 200.8	Chromium	N	0.0772V	mg/kg	1	0.00148	0.0602	BGE2501	06/18/2023 11:16	TBB
EPA 200.8	Copper	N	1.36V	mg/kg	1	0.00175	0.0201	BGE2501	06/18/2023 11:16	TBB
SW-7471B	Mercury	A	0.00614J	mg/kg	1	0.00465	0.00930	BGE3529	06/12/2023 14:02	AKR
EPA 200.8	Lead	N	0.0943	mg/kg	1	0.00152	0.0100	BGE2501	06/18/2023 11:16	TBB
EPA 200.8	Nickel	N	0.210V	mg/kg	1	0.000355	0.0201	BGE2501	06/21/2023 13:38	TBB
EPA 200.8	Selenium	N	0.362	mg/kg	1	0.0221	0.0402	BGE2501	06/18/2023 11:16	TBB
EPA 200.8	Silver	N	0.0182	mg/kg	1	0.000143	0.0100	BGE2501	06/19/2023 13:23	TBB
EPA 200.8	Thallium	N	0.000723J	mg/kg	1	0.000139	0.0100	BGE2501	06/18/2023 11:16	TBB
EPA 200.8	Zinc	N	21.5V	mg/kg	5	0.0377	0.201	BGE2501	06/18/2023 11:19	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 1-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-04      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00523U	mg/kg	1	0.00523	0.0649	BGE2501	06/18/2023 11:21	TBB
EPA 200.8	Arsenic	N	3.16	mg/kg	1	0.00799	0.0325	BGE2501	06/18/2023 11:21	TBB
EPA 200.8	Beryllium	N	0.00104J	mg/kg	1	0.000649	0.0130	BGE2501	06/19/2023 13:25	TBB
EPA 200.8	Cadmium	N	0.0412J	mg/kg	1	0.00205	0.0649	BGE2501	06/18/2023 11:21	TBB
EPA 200.8	Chromium	N	0.101V, J	mg/kg	1	0.00477	0.195	BGE2501	06/18/2023 11:21	TBB
EPA 200.8	Copper	N	1.47V	mg/kg	1	0.00565	0.0649	BGE2501	06/18/2023 11:21	TBB
SW-7471B	Mercury	A	0.00556J	mg/kg	1	0.00488	0.00976	BGE3529	06/12/2023 14:06	AKR
EPA 200.8	Lead	N	0.105	mg/kg	1	0.00490	0.0325	BGE2501	06/18/2023 11:21	TBB
EPA 200.8	Nickel	N	0.263V	mg/kg	1	0.00115	0.0649	BGE2501	06/21/2023 13:40	TBB
EPA 200.8	Selenium	N	0.337	mg/kg	1	0.0714	0.130	BGE2501	06/18/2023 11:21	TBB
EPA 200.8	Silver	N	0.0173J	mg/kg	1	0.000461	0.0325	BGE2501	06/19/2023 13:25	TBB
EPA 200.8	Thallium	N	0.000714J	mg/kg	1	0.000448	0.0325	BGE2501	06/18/2023 11:21	TBB
EPA 200.8	Zinc	N	12.1V	mg/kg	1	0.0244	0.130	BGE2501	06/18/2023 11:21	TBB





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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 1-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-05      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00280J	mg/kg	1	0.00161	0.0200	BGE2501	06/18/2023 11:26	TBB
EPA 200.8	Arsenic	N	2.19	mg/kg	5	0.0123	0.0500	BGE2501	06/18/2023 11:29	TBB
EPA 200.8	Beryllium	N	0.00206J	mg/kg	1	0.000200	0.00400	BGE2501	06/19/2023 13:27	TBB
EPA 200.8	Cadmium	N	0.0332	mg/kg	1	0.000632	0.0200	BGE2501	06/18/2023 11:26	TBB
EPA 200.8	Chromium	N	0.280V	mg/kg	1	0.00147	0.0600	BGE2501	06/18/2023 11:26	TBB
EPA 200.8	Copper	N	1.24V	mg/kg	1	0.00174	0.0200	BGE2501	06/18/2023 11:26	TBB
SW-7471B	Mercury	A	0.00708J	mg/kg	1	0.00480	0.00960	BGE3529	06/12/2023 14:09	AKR
EPA 200.8	Lead	N	0.120	mg/kg	1	0.00151	0.0100	BGE2501	06/18/2023 11:26	TBB
EPA 200.8	Nickel	N	0.281V	mg/kg	1	0.000354	0.0200	BGE2501	06/21/2023 13:43	TBB
EPA 200.8	Selenium	N	0.318	mg/kg	1	0.0220	0.0400	BGE2501	06/18/2023 11:26	TBB
EPA 200.8	Silver	N	0.0138	mg/kg	1	0.000142	0.0100	BGE2501	06/19/2023 13:27	TBB
EPA 200.8	Thallium	N	0.000740J	mg/kg	1	0.000138	0.0100	BGE2501	06/18/2023 11:26	TBB
EPA 200.8	Zinc	N	17.7V	mg/kg	5	0.0376	0.200	BGE2501	06/18/2023 11:29	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 2-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-06      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00229J	mg/kg	1	0.00162	0.0201	BGE2501	06/18/2023 11:38	TBB
EPA 200.8	Arsenic	N	2.36	mg/kg	5	0.0123	0.0502	BGE2501	06/18/2023 11:41	TBB
EPA 200.8	Beryllium	N	0.000582J	mg/kg	1	0.000201	0.00402	BGE2501	06/19/2023 13:30	TBB
EPA 200.8	Cadmium	N	0.0370	mg/kg	1	0.000635	0.0201	BGE2501	06/18/2023 11:38	TBB
EPA 200.8	Chromium	N	0.0841V	mg/kg	1	0.00148	0.0602	BGE2501	06/18/2023 11:38	TBB
EPA 200.8	Copper	N	1.37V	mg/kg	1	0.00175	0.0201	BGE2501	06/18/2023 11:38	TBB
SW-7471B	Mercury	A	0.00573J	mg/kg	1	0.00488	0.00976	BGE3529	06/12/2023 14:12	AKR
EPA 200.8	Lead	N	0.0986	mg/kg	1	0.00152	0.0100	BGE2501	06/18/2023 11:38	TBB
EPA 200.8	Nickel	N	0.172V	mg/kg	1	0.000355	0.0201	BGE2501	06/21/2023 13:45	TBB
EPA 200.8	Selenium	N	0.320	mg/kg	1	0.0221	0.0402	BGE2501	06/18/2023 11:38	TBB
EPA 200.8	Silver	N	0.0134	mg/kg	1	0.000143	0.0100	BGE2501	06/19/2023 13:30	TBB
EPA 200.8	Thallium	N	0.000683J	mg/kg	1	0.000139	0.0100	BGE2501	06/18/2023 11:38	TBB
EPA 200.8	Zinc	N	43.4V	mg/kg	10	0.0754	0.402	BGE2501	06/20/2023 12:04	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 2-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-07      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00239J	mg/kg	1	0.00160	0.0199	BGE2501	06/18/2023 11:43	TBB
EPA 200.8	Arsenic	N	2.53	mg/kg	5	0.0123	0.0498	BGE2501	06/18/2023 11:46	TBB
EPA 200.8	Beryllium	N	0.000598J	mg/kg	1	0.000199	0.00398	BGE2501	06/19/2023 13:32	TBB
EPA 200.8	Cadmium	N	0.0397	mg/kg	1	0.000629	0.0199	BGE2501	06/18/2023 11:43	TBB
EPA 200.8	Chromium	N	0.126V	mg/kg	1	0.00146	0.0598	BGE2501	06/18/2023 11:43	TBB
EPA 200.8	Copper	N	1.32V	mg/kg	1	0.00173	0.0199	BGE2501	06/18/2023 11:43	TBB
SW-7471B	Mercury	A	0.00560J	mg/kg	1	0.00500	0.0100	BGE3529	06/12/2023 14:22	AKR
EPA 200.8	Lead	N	0.105	mg/kg	1	0.00150	0.00996	BGE2501	06/18/2023 11:43	TBB
EPA 200.8	Nickel	N	0.210V	mg/kg	1	0.000353	0.0199	BGE2501	06/21/2023 13:48	TBB
EPA 200.8	Selenium	N	0.326	mg/kg	1	0.0219	0.0398	BGE2501	06/18/2023 11:43	TBB
EPA 200.8	Silver	N	0.0120	mg/kg	1	0.000141	0.00996	BGE2501	06/19/2023 13:32	TBB
EPA 200.8	Thallium	N	0.000618J	mg/kg	1	0.000137	0.00996	BGE2501	06/18/2023 11:43	TBB
EPA 200.8	Zinc	N	44.4V	mg/kg	10	0.0748	0.398	BGE2501	06/20/2023 12:07	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 2-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-08      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00228J	mg/kg	1	0.00161	0.0200	BGE2501	06/18/2023 11:48	TBB
EPA 200.8	Arsenic	N	2.42	mg/kg	5	0.0123	0.0500	BGE2501	06/18/2023 11:51	TBB
EPA 200.8	Beryllium	N	0.000880J	mg/kg	1	0.000200	0.00400	BGE2501	06/19/2023 13:42	TBB
EPA 200.8	Cadmium	N	0.0374	mg/kg	1	0.000632	0.0200	BGE2501	06/18/2023 11:48	TBB
EPA 200.8	Chromium	N	0.208V	mg/kg	1	0.00147	0.0600	BGE2501	06/18/2023 11:48	TBB
EPA 200.8	Copper	N	1.20V	mg/kg	1	0.00174	0.0200	BGE2501	06/18/2023 11:48	TBB
SW-7471B	Mercury	A	<0.00465U	mg/kg	1	0.00465	0.00930	BGE3529	06/12/2023 13:46	AKR
EPA 200.8	Lead	N	0.0980	mg/kg	1	0.00151	0.0100	BGE2501	06/18/2023 11:48	TBB
EPA 200.8	Nickel	N	0.251V	mg/kg	1	0.000354	0.0200	BGE2501	07/06/2023 10:08	TBB
EPA 200.8	Selenium	N	0.302	mg/kg	1	0.0220	0.0400	BGE2501	06/18/2023 11:48	TBB
EPA 200.8	Silver	N	0.0110	mg/kg	1	0.000142	0.0100	BGE2501	06/19/2023 13:42	TBB
EPA 200.8	Thallium	N	0.000660J	mg/kg	1	0.000138	0.0100	BGE2501	06/18/2023 11:48	TBB
EPA 200.8	Zinc	N	26.2V	mg/kg	5	0.0376	0.200	BGE2501	06/18/2023 11:51	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 2-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-09      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00251J	mg/kg	1	0.00162	0.0201	BGE2501	06/18/2023 11:53	TBB
EPA 200.8	Arsenic	N	2.19	mg/kg	5	0.0123	0.0502	BGE2501	06/18/2023 11:56	TBB
EPA 200.8	Beryllium	N	0.000562J	mg/kg	1	0.000201	0.00402	BGE2501	06/19/2023 13:44	TBB
EPA 200.8	Cadmium	N	0.0389	mg/kg	1	0.000635	0.0201	BGE2501	06/18/2023 11:53	TBB
EPA 200.8	Chromium	N	0.199V	mg/kg	1	0.00148	0.0602	BGE2501	06/18/2023 11:53	TBB
EPA 200.8	Copper	N	1.09V	mg/kg	1	0.00175	0.0201	BGE2501	06/18/2023 11:53	TBB
SW-7471B	Mercury	A	0.00566J	mg/kg	1	0.00492	0.00984	BGE3529	06/12/2023 14:26	AKR
EPA 200.8	Lead	N	0.0951	mg/kg	1	0.00152	0.0100	BGE2501	06/18/2023 11:53	TBB
EPA 200.8	Nickel	N	0.232V	mg/kg	1	0.000355	0.0201	BGE2501	07/06/2023 10:11	TBB
EPA 200.8	Selenium	N	0.289	mg/kg	1	0.0221	0.0402	BGE2501	06/18/2023 11:53	TBB
EPA 200.8	Silver	N	0.00924J	mg/kg	1	0.000143	0.0100	BGE2501	06/19/2023 13:44	TBB
EPA 200.8	Thallium	N	0.000602J	mg/kg	1	0.000139	0.0100	BGE2501	06/18/2023 11:53	TBB
EPA 200.8	Zinc	N	10.5V	mg/kg	5	0.0377	0.201	BGE2501	06/18/2023 11:56	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 2-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-10      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00250J	mg/kg	1	0.00161	0.0200	BGE2501	06/18/2023 11:58	TBB
EPA 200.8	Arsenic	N	2.18	mg/kg	5	0.0123	0.0500	BGE2501	06/18/2023 12:01	TBB
EPA 200.8	Beryllium	N	0.00148J	mg/kg	1	0.000200	0.00400	BGE2501	06/19/2023 13:47	TBB
EPA 200.8	Cadmium	N	0.0378	mg/kg	1	0.000632	0.0200	BGE2501	06/18/2023 11:58	TBB
EPA 200.8	Chromium	N	0.110V	mg/kg	1	0.00147	0.0600	BGE2501	06/18/2023 11:58	TBB
EPA 200.8	Copper	N	1.13V	mg/kg	1	0.00174	0.0200	BGE2501	06/18/2023 11:58	TBB
SW-7471B	Mercury	A	0.00488J	mg/kg	1	0.00476	0.00952	BGE3529	06/12/2023 14:29	AKR
EPA 200.8	Lead	N	0.122	mg/kg	1	0.00151	0.0100	BGE2501	06/18/2023 11:58	TBB
EPA 200.8	Nickel	N	0.221V	mg/kg	1	0.000354	0.0200	BGE2501	07/06/2023 10:20	TBB
EPA 200.8	Selenium	N	0.295	mg/kg	1	0.0220	0.0400	BGE2501	06/18/2023 11:58	TBB
EPA 200.8	Silver	N	0.00834J	mg/kg	1	0.000142	0.0100	BGE2501	06/19/2023 13:47	TBB
EPA 200.8	Thallium	N	0.000640J	mg/kg	1	0.000138	0.0100	BGE2501	06/18/2023 11:58	TBB
EPA 200.8	Zinc	N	52.1V	mg/kg	10	0.0751	0.400	BGE2501	06/20/2023 12:09	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 3-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-11      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00250J	mg/kg	1	0.00161	0.0200	BGE2501	06/18/2023 12:10	TBB
EPA 200.8	Arsenic	N	1.79	mg/kg	5	0.0123	0.0500	BGE2501	06/18/2023 12:13	TBB
EPA 200.8	Beryllium	N	0.000640J	mg/kg	1	0.000200	0.00400	BGE2501	06/19/2023 13:49	TBB
EPA 200.8	Cadmium	N	0.0286	mg/kg	1	0.000632	0.0200	BGE2501	06/18/2023 12:10	TBB
EPA 200.8	Chromium	N	0.0564V, J	mg/kg	1	0.00147	0.0600	BGE2501	06/18/2023 12:10	TBB
EPA 200.8	Copper	N	0.904V	mg/kg	1	0.00174	0.0200	BGE2501	06/21/2023 14:05	TBB
SW-7471B	Mercury	A	<0.00465U	mg/kg	1	0.00465	0.00930	BGE3529	06/12/2023 14:32	AKR
EPA 200.8	Lead	N	0.0917	mg/kg	1	0.00151	0.0100	BGE2501	06/18/2023 12:10	TBB
EPA 200.8	Nickel	N	0.146V	mg/kg	1	0.000354	0.0200	BGE2501	07/06/2023 10:23	TBB
EPA 200.8	Selenium	N	0.263	mg/kg	1	0.0220	0.0400	BGE2501	06/18/2023 12:10	TBB
EPA 200.8	Silver	N	0.0150	mg/kg	1	0.000142	0.0100	BGE2501	06/19/2023 13:49	TBB
EPA 200.8	Thallium	N	0.000320J	mg/kg	1	0.000138	0.0100	BGE2501	06/18/2023 12:10	TBB
EPA 200.8	Zinc	N	20.7V	mg/kg	5	0.0376	0.200	BGE2501	06/18/2023 12:13	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 3-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-12      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00256J	mg/kg	1	0.00160	0.0198	BGE2501	06/18/2023 12:25	TBB
EPA 200.8	Arsenic	N	2.18	mg/kg	5	0.0122	0.0496	BGE2501	06/18/2023 12:28	TBB
EPA 200.8	Beryllium	N	0.000496J	mg/kg	1	0.000198	0.00397	BGE2501	06/19/2023 13:56	TBB
EPA 200.8	Cadmium	N	0.0320	mg/kg	1	0.000627	0.0198	BGE2501	06/18/2023 12:25	TBB
EPA 200.8	Chromium	N	0.0931V	mg/kg	1	0.00146	0.0595	BGE2501	06/18/2023 12:25	TBB
EPA 200.8	Copper	N	1.16V	mg/kg	1	0.00173	0.0198	BGE2501	06/21/2023 14:12	TBB
SW-7471B	Mercury	A	0.00509J	mg/kg	1	0.00469	0.00937	BGE3529	06/12/2023 14:36	AKR
EPA 200.8	Lead	N	0.107	mg/kg	1	0.00150	0.00992	BGE2501	06/18/2023 12:25	TBB
EPA 200.8	Nickel	N	0.196V	mg/kg	1	0.000351	0.0198	BGE2501	07/06/2023 10:33	TBB
EPA 200.8	Selenium	N	0.328	mg/kg	1	0.0218	0.0397	BGE2501	06/18/2023 12:25	TBB
EPA 200.8	Silver	N	0.0141	mg/kg	1	0.000141	0.00992	BGE2501	06/19/2023 13:56	TBB
EPA 200.8	Thallium	N	0.000437J	mg/kg	1	0.000137	0.00992	BGE2501	06/18/2023 12:25	TBB
EPA 200.8	Zinc	N	9.78V	mg/kg	5	0.0373	0.198	BGE2501	06/18/2023 12:28	TBB





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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 3-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-13      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00232J	mg/kg	1	0.00162	0.0202	BGE2501	06/18/2023 12:30	TBB
EPA 200.8	Arsenic	N	2.00	mg/kg	5	0.0124	0.0504	BGE2501	06/18/2023 12:33	TBB
EPA 200.8	Beryllium	N	0.000484J	mg/kg	1	0.000202	0.00403	BGE2501	06/19/2023 13:59	TBB
EPA 200.8	Cadmium	N	0.0269	mg/kg	1	0.000637	0.0202	BGE2501	06/18/2023 12:30	TBB
EPA 200.8	Chromium	N	0.0949V	mg/kg	1	0.00148	0.0605	BGE2501	06/18/2023 12:30	TBB
EPA 200.8	Copper	N	1.10V	mg/kg	1	0.00175	0.0202	BGE2501	06/21/2023 14:14	TBB
SW-7471B	Mercury	A	0.00628J	mg/kg	1	0.00472	0.00945	BGE3529	06/12/2023 14:39	AKR
EPA 200.8	Lead	N	0.0941	mg/kg	1	0.00152	0.0101	BGE2501	06/18/2023 12:30	TBB
EPA 200.8	Nickel	N	0.175V	mg/kg	1	0.000357	0.0202	BGE2501	07/06/2023 10:35	TBB
EPA 200.8	Selenium	N	0.313	mg/kg	1	0.0222	0.0403	BGE2501	06/18/2023 12:30	TBB
EPA 200.8	Silver	N	0.0106	mg/kg	1	0.000143	0.0101	BGE2501	06/19/2023 13:59	TBB
EPA 200.8	Thallium	N	0.000343J	mg/kg	1	0.000139	0.0101	BGE2501	06/18/2023 12:30	TBB
EPA 200.8	Zinc	N	8.29V	mg/kg	5	0.0379	0.202	BGE2501	06/18/2023 12:33	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 3-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-14      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00266J	mg/kg	1	0.00160	0.0198	BGE2501	06/18/2023 12:42	TBB
EPA 200.8	Arsenic	N	2.17	mg/kg	5	0.0122	0.0496	BGE2501	06/18/2023 12:45	TBB
EPA 200.8	Beryllium	N	0.000615J	mg/kg	1	0.000198	0.00397	BGE2501	06/19/2023 14:01	TBB
EPA 200.8	Cadmium	N	0.0291	mg/kg	1	0.000627	0.0198	BGE2501	06/18/2023 12:42	TBB
EPA 200.8	Chromium	N	0.113V	mg/kg	1	0.00146	0.0595	BGE2501	06/18/2023 12:42	TBB
EPA 200.8	Copper	N	1.06V	mg/kg	1	0.00173	0.0198	BGE2501	06/21/2023 14:17	TBB
SW-7471B	Mercury	A	0.00498J	mg/kg	1	0.00488	0.00976	BGE3529	06/12/2023 14:42	AKR
EPA 200.8	Lead	N	0.101	mg/kg	1	0.00150	0.00992	BGE2501	06/18/2023 12:42	TBB
EPA 200.8	Nickel	N	0.170V	mg/kg	1	0.000351	0.0198	BGE2501	07/06/2023 10:38	TBB
EPA 200.8	Selenium	N	0.320	mg/kg	1	0.0218	0.0397	BGE2501	06/18/2023 12:42	TBB
EPA 200.8	Silver	N	0.0160	mg/kg	1	0.000141	0.00992	BGE2501	06/19/2023 14:01	TBB
EPA 200.8	Thallium	N	0.000556J	mg/kg	1	0.000137	0.00992	BGE2501	06/18/2023 12:42	TBB
EPA 200.8	Zinc	N	18.3V	mg/kg	5	0.0373	0.198	BGE2501	06/18/2023 12:45	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 3-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-15      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00230J	mg/kg	1	0.00161	0.0200	BGE2501	06/18/2023 12:47	TBB
EPA 200.8	Arsenic	N	2.18	mg/kg	5	0.0123	0.0500	BGE2501	06/18/2023 12:50	TBB
EPA 200.8	Beryllium	N	0.000380J	mg/kg	1	0.000200	0.00400	BGE2501	06/19/2023 14:04	TBB
EPA 200.8	Cadmium	N	0.0301	mg/kg	1	0.000632	0.0200	BGE2501	06/18/2023 12:47	TBB
EPA 200.8	Chromium	N	0.0844V	mg/kg	1	0.00147	0.0600	BGE2501	06/18/2023 12:47	TBB
EPA 200.8	Copper	N	1.17V	mg/kg	1	0.00174	0.0200	BGE2501	06/21/2023 14:19	TBB
SW-7471B	Mercury	A	0.00672J	mg/kg	1	0.00465	0.00930	BGE3529	06/12/2023 15:02	AKR
EPA 200.8	Lead	N	0.0885	mg/kg	1	0.00151	0.0100	BGE2501	06/18/2023 12:47	TBB
EPA 200.8	Nickel	N	0.194V	mg/kg	1	0.000354	0.0200	BGE2501	07/06/2023 10:40	TBB
EPA 200.8	Selenium	N	0.338	mg/kg	1	0.0220	0.0400	BGE2501	06/18/2023 12:47	TBB
EPA 200.8	Silver	N	0.0133	mg/kg	1	0.000142	0.0100	BGE2501	06/19/2023 14:04	TBB
EPA 200.8	Thallium	N	0.000400J	mg/kg	1	0.000138	0.0100	BGE2501	06/18/2023 12:47	TBB
EPA 200.8	Zinc	N	16.6V	mg/kg	5	0.0376	0.200	BGE2501	06/18/2023 12:50	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-16      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00254J	mg/kg	1	0.00161	0.0200	BGE2501	06/18/2023 12:52	TBB
EPA 200.8	Arsenic	N	2.38	mg/kg	5	0.0123	0.0500	BGE2501	06/18/2023 12:55	TBB
EPA 200.8	Beryllium	N	0.000600J	mg/kg	1	0.000200	0.00400	BGE2501	07/06/2023 10:43	TBB
EPA 200.8	Cadmium	N	0.0392	mg/kg	1	0.000632	0.0200	BGE2501	06/18/2023 12:52	TBB
EPA 200.8	Chromium	N	0.0504V, J	mg/kg	1	0.00147	0.0600	BGE2501	06/18/2023 12:52	TBB
EPA 200.8	Copper	N	1.10V	mg/kg	1	0.00174	0.0200	BGE2501	06/21/2023 14:29	TBB
SW-7471B	Mercury	A	0.00485J	mg/kg	1	0.00469	0.00937	BGE3529	06/12/2023 14:46	AKR
EPA 200.8	Lead	N	0.0894	mg/kg	1	0.00151	0.0100	BGE2501	06/18/2023 12:52	TBB
EPA 200.8	Nickel	N	0.251V	mg/kg	1	0.000354	0.0200	BGE2501	07/06/2023 10:43	TBB
EPA 200.8	Selenium	N	0.309	mg/kg	1	0.0220	0.0400	BGE2501	06/18/2023 12:52	TBB
EPA 200.8	Silver	N	0.0183	mg/kg	1	0.000142	0.0100	BGE2501	06/19/2023 14:14	TBB
EPA 200.8	Thallium	N	0.000560J	mg/kg	1	0.000138	0.0100	BGE2501	06/18/2023 12:52	TBB
EPA 200.8	Zinc	N	32.4V	mg/kg	5	0.0376	0.200	BGE2501	06/18/2023 12:55	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-17      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00186J	mg/kg	1	0.00161	0.0200	BGE2501	06/18/2023 12:57	TBB
EPA 200.8	Arsenic	N	2.10	mg/kg	5	0.0123	0.0500	BGE2501	06/18/2023 13:00	TBB
EPA 200.8	Beryllium	N	0.000220J	mg/kg	1	0.000200	0.00400	BGE2501	07/06/2023 10:52	TBB
EPA 200.8	Cadmium	N	0.0283	mg/kg	1	0.000632	0.0200	BGE2501	06/18/2023 12:57	TBB
EPA 200.8	Chromium	N	0.0410V, J	mg/kg	1	0.00147	0.0600	BGE2501	06/18/2023 12:57	TBB
EPA 200.8	Copper	N	0.984V	mg/kg	1	0.00174	0.0200	BGE2501	06/21/2023 14:31	TBB
SW-7471B	Mercury	A	<0.00500U	mg/kg	1	0.00500	0.0100	BGE3529	06/12/2023 15:06	AKR
EPA 200.8	Lead	N	0.0756	mg/kg	1	0.00151	0.0100	BGE2501	06/18/2023 12:57	TBB
EPA 200.8	Nickel	N	0.207V	mg/kg	1	0.000354	0.0200	BGE2501	07/06/2023 10:52	TBB
EPA 200.8	Selenium	N	0.257	mg/kg	1	0.0220	0.0400	BGE2501	06/18/2023 12:57	TBB
EPA 200.8	Silver	N	0.0111	mg/kg	1	0.000142	0.0100	BGE2501	06/19/2023 14:16	TBB
EPA 200.8	Thallium	N	0.000460J	mg/kg	1	0.000138	0.0100	BGE2501	06/18/2023 12:57	TBB
EPA 200.8	Zinc	N	19.5V	mg/kg	5	0.0376	0.200	BGE2501	06/18/2023 13:00	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-18      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00203J	mg/kg	1	0.00160	0.0199	BGE2501	06/18/2023 13:02	TBB
EPA 200.8	Arsenic	N	1.79	mg/kg	5	0.0123	0.0498	BGE2501	06/18/2023 13:04	TBB
EPA 200.8	Beryllium	N	0.000996J	mg/kg	1	0.000199	0.00398	BGE2501	07/06/2023 10:55	TBB
EPA 200.8	Cadmium	N	0.0295	mg/kg	1	0.000629	0.0199	BGE2501	06/18/2023 13:02	TBB
EPA 200.8	Chromium	N	0.158V	mg/kg	1	0.00146	0.0598	BGE2501	06/18/2023 13:02	TBB
EPA 200.8	Copper	N	0.806V	mg/kg	1	0.00173	0.0199	BGE2501	06/21/2023 14:34	TBB
SW-7471B	Mercury	A	0.00644J	mg/kg	1	0.00488	0.00976	BGE3529	06/12/2023 15:09	AKR
EPA 200.8	Lead	N	0.0774	mg/kg	1	0.00150	0.00996	BGE2501	06/18/2023 13:02	TBB
EPA 200.8	Nickel	N	0.236V	mg/kg	1	0.000353	0.0199	BGE2501	07/06/2023 10:55	TBB
EPA 200.8	Selenium	N	0.229	mg/kg	1	0.0219	0.0398	BGE2501	06/18/2023 13:02	TBB
EPA 200.8	Silver	N	0.0103	mg/kg	1	0.000141	0.00996	BGE2501	06/19/2023 14:18	TBB
EPA 200.8	Thallium	N	0.000478J	mg/kg	1	0.000137	0.00996	BGE2501	06/18/2023 13:02	TBB
EPA 200.8	Zinc	N	16.3V	mg/kg	5	0.0374	0.199	BGE2501	06/18/2023 13:04	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-19      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00240J	mg/kg	1	0.00161	0.0200	BGE2501	06/18/2023 13:14	TBB
EPA 200.8	Arsenic	N	2.16	mg/kg	5	0.0123	0.0500	BGE2501	06/18/2023 13:17	TBB
EPA 200.8	Beryllium	N	0.00128J	mg/kg	1	0.000200	0.00400	BGE2501	07/06/2023 10:57	TBB
EPA 200.8	Cadmium	N	0.0321	mg/kg	1	0.000632	0.0200	BGE2501	06/18/2023 13:14	TBB
EPA 200.8	Chromium	N	0.186V	mg/kg	1	0.00147	0.0600	BGE2501	06/18/2023 13:14	TBB
EPA 200.8	Copper	N	0.944V	mg/kg	1	0.00174	0.0200	BGE2501	06/21/2023 14:36	TBB
SW-7471B	Mercury	A	0.00631J	mg/kg	1	0.00472	0.00945	BGE3529	06/12/2023 15:12	AKR
EPA 200.8	Lead	N	0.106	mg/kg	1	0.00151	0.0100	BGE2501	06/18/2023 13:14	TBB
EPA 200.8	Nickel	N	0.295V	mg/kg	1	0.000354	0.0200	BGE2501	07/06/2023 10:57	TBB
EPA 200.8	Selenium	N	0.290	mg/kg	1	0.0220	0.0400	BGE2501	06/18/2023 13:14	TBB
EPA 200.8	Silver	N	0.0129	mg/kg	1	0.000142	0.0100	BGE2501	06/19/2023 14:21	TBB
EPA 200.8	Thallium	N	0.000660J	mg/kg	1	0.000138	0.0100	BGE2501	06/18/2023 13:14	TBB
EPA 200.8	Zinc	N	8.28V	mg/kg	5	0.0376	0.200	BGE2501	06/18/2023 13:17	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 4-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-20      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00284J	mg/kg	1	0.00161	0.0200	BGE2508	06/15/2023 10:19	TBB
EPA 200.8	Arsenic	N	2.10	mg/kg	5	0.0123	0.0500	BGE2508	06/15/2023 10:21	TBB
EPA 200.8	Beryllium	N	0.000940J	mg/kg	1	0.000200	0.00400	BGE2508	06/15/2023 10:19	TBB
EPA 200.8	Cadmium	N	0.0334	mg/kg	1	0.000632	0.0200	BGE2508	06/15/2023 10:19	TBB
EPA 200.8	Chromium	N	0.357V	mg/kg	1	0.00147	0.0600	BGE2508	06/15/2023 10:19	TBB
EPA 200.8	Copper	N	1.95V	mg/kg	1	0.00174	0.0200	BGE2508	06/15/2023 10:19	TBB
SW-7471B	Mercury	A	<0.00472U	mg/kg	1	0.00472	0.00945	BGE3529	06/12/2023 15:15	AKR
EPA 200.8	Lead	N	0.139	mg/kg	1	0.00151	0.0100	BGE2508	06/15/2023 10:19	TBB
EPA 200.8	Nickel	N	0.310V	mg/kg	1	0.000354	0.0200	BGE2508	06/15/2023 10:19	TBB
EPA 200.8	Selenium	N	0.270	mg/kg	1	0.0220	0.0400	BGE2508	06/15/2023 10:19	TBB
EPA 200.8	Silver	N	0.0148V	mg/kg	1	0.000142	0.0100	BGE2508	06/15/2023 10:19	TBB
EPA 200.8	Thallium	N	0.000660V, J	mg/kg	1	0.000138	0.0100	BGE2508	06/15/2023 10:19	TBB
EPA 200.8	Zinc	N	14.7V	mg/kg	5	0.0376	0.200	BGE2508	06/20/2023 12:21	TBB





Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 5-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-21      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00388J	mg/kg	1	0.00161	0.0200	BGE2508	06/15/2023 10:34	TBB
EPA 200.8	Arsenic	N	2.08	mg/kg	10	0.0246	0.100	BGE2508	06/15/2023 13:05	TBB
EPA 200.8	Beryllium	N	0.00114J	mg/kg	1	0.000200	0.00400	BGE2508	06/15/2023 10:34	TBB
EPA 200.8	Cadmium	N	0.0286	mg/kg	1	0.000632	0.0200	BGE2508	06/15/2023 10:34	TBB
EPA 200.8	Chromium	N	0.244V	mg/kg	1	0.00147	0.0600	BGE2508	06/15/2023 10:34	TBB
EPA 200.8	Copper	N	2.51V	mg/kg	1	0.00174	0.0200	BGE2508	06/15/2023 10:34	TBB
SW-7471B	Mercury	A	<0.00476U	mg/kg	1	0.00476	0.00952	BGE3650	06/12/2023 15:48	AKR
EPA 200.8	Lead	N	0.163	mg/kg	1	0.00151	0.0100	BGE2508	06/15/2023 10:34	TBB
EPA 200.8	Nickel	N	0.200V	mg/kg	1	0.000354	0.0200	BGE2508	06/15/2023 10:34	TBB
EPA 200.8	Selenium	N	0.288	mg/kg	1	0.0220	0.0400	BGE2508	06/15/2023 10:34	TBB
EPA 200.8	Silver	N	0.0173V	mg/kg	1	0.000142	0.0100	BGE2508	06/15/2023 10:34	TBB
EPA 200.8	Thallium	N	0.000500V, J	mg/kg	1	0.000138	0.0100	BGE2508	06/15/2023 10:34	TBB
EPA 200.8	Zinc	N	65.7V	mg/kg	10	0.0751	0.400	BGE2508	06/20/2023 12:43	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 5-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-22      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00270J	mg/kg	1	0.00160	0.0198	BGE2508	06/15/2023 13:07	TBB
EPA 200.8	Arsenic	N	2.28	mg/kg	5	0.0122	0.0496	BGE2508	06/15/2023 13:10	TBB
EPA 200.8	Beryllium	N	0.000377J	mg/kg	1	0.000198	0.00397	BGE2508	06/15/2023 13:07	TBB
EPA 200.8	Cadmium	N	0.0314	mg/kg	1	0.000627	0.0198	BGE2508	06/15/2023 13:07	TBB
EPA 200.8	Chromium	N	0.0915V	mg/kg	1	0.00146	0.0595	BGE2508	06/15/2023 13:07	TBB
EPA 200.8	Copper	N	1.31V	mg/kg	1	0.00173	0.0198	BGE2508	06/15/2023 13:07	TBB
SW-7471B	Mercury	A	<0.00488U	mg/kg	1	0.00488	0.00976	BGE3650	06/12/2023 15:51	AKR
EPA 200.8	Lead	N	0.0880	mg/kg	1	0.00150	0.00992	BGE2508	06/15/2023 13:07	TBB
EPA 200.8	Nickel	N	0.148V	mg/kg	1	0.000351	0.0198	BGE2508	06/15/2023 13:07	TBB
EPA 200.8	Selenium	N	0.278	mg/kg	1	0.0218	0.0397	BGE2508	06/15/2023 13:07	TBB
EPA 200.8	Silver	N	0.0160V	mg/kg	1	0.000141	0.00992	BGE2508	06/15/2023 13:07	TBB
EPA 200.8	Thallium	N	0.000417V, J	mg/kg	1	0.000137	0.00992	BGE2508	06/15/2023 13:07	TBB
EPA 200.8	Zinc	N	32.9V	mg/kg	5	0.0373	0.198	BGE2508	06/20/2023 12:48	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 5-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-23      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
<b>Metals, Total</b>										
EPA 200.8	Antimony	N	0.00361J	mg/kg	1	0.00160	0.0198	BGE2508	06/15/2023 13:12	TBB
EPA 200.8	Arsenic	N	1.88	mg/kg	5	0.0122	0.0496	BGE2508	06/15/2023 13:14	TBB
EPA 200.8	Beryllium	N	0.00143J	mg/kg	1	0.000198	0.00397	BGE2508	06/15/2023 13:12	TBB
EPA 200.8	Cadmium	N	0.0286	mg/kg	1	0.000627	0.0198	BGE2508	06/15/2023 13:12	TBB
EPA 200.8	Chromium	N	0.357V	mg/kg	1	0.00146	0.0595	BGE2508	06/15/2023 13:12	TBB
EPA 200.8	Copper	N	2.28V	mg/kg	1	0.00173	0.0198	BGE2508	06/15/2023 13:12	TBB
SW-7471B	Mercury	A	<0.00500U	mg/kg	1	0.00500	0.0100	BGE3650	06/12/2023 15:54	AKR
EPA 200.8	Lead	N	0.151	mg/kg	1	0.00150	0.00992	BGE2508	06/15/2023 13:12	TBB
EPA 200.8	Nickel	N	0.228V	mg/kg	1	0.000351	0.0198	BGE2508	06/15/2023 13:12	TBB
EPA 200.8	Selenium	N	0.279	mg/kg	1	0.0218	0.0397	BGE2508	06/15/2023 13:12	TBB
EPA 200.8	Silver	N	0.0137V	mg/kg	1	0.000141	0.00992	BGE2508	06/15/2023 13:12	TBB
EPA 200.8	Thallium	N	0.000536V, J	mg/kg	1	0.000137	0.00992	BGE2508	06/15/2023 13:12	TBB
EPA 200.8	Zinc	N	13.2V	mg/kg	5	0.0373	0.198	BGE2508	06/20/2023 12:53	TBB



Terracon\_Houston  
 11555 Clay Road  
 Houston, TX 77043

Project: PCCA HI TISSUE CHEM  
 Project Number:  
 Project Manager: Gregg Pawlak

**Reported:**  
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**Sample Results**  
 (Continued)

Client Sample ID: MM-HI-DMMU 5-4  
 Lab Sample ID: 23E2845-24  
 Sample Alias:

Sample Matrix: Tissue  
 Date Collected: 04/01/2023 11:00  
 Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00412J	mg/kg	1	0.00162	0.0201	BGE2508	06/15/2023 13:17	TBB
EPA 200.8	Arsenic	N	1.87	mg/kg	5	0.0123	0.0502	BGE2508	06/15/2023 13:19	TBB
EPA 200.8	Beryllium	N	0.00165J	mg/kg	1	0.000201	0.00402	BGE2508	06/15/2023 13:17	TBB
EPA 200.8	Cadmium	N	0.0266	mg/kg	1	0.000635	0.0201	BGE2508	06/15/2023 13:17	TBB
EPA 200.8	Chromium	N	0.670V	mg/kg	1	0.00148	0.0602	BGE2508	06/15/2023 13:17	TBB
EPA 200.8	Copper	N	2.57V	mg/kg	1	0.00175	0.0201	BGE2508	06/15/2023 13:17	TBB
SW-7471B	Mercury	A	<0.00496U	mg/kg	1	0.00496	0.00992	BGE3650	06/12/2023 15:58	AKR
EPA 200.8	Lead	N	0.166	mg/kg	1	0.00152	0.0100	BGE2508	06/15/2023 13:17	TBB
EPA 200.8	Nickel	N	0.351V	mg/kg	1	0.000355	0.0201	BGE2508	06/15/2023 13:17	TBB
EPA 200.8	Selenium	N	0.266	mg/kg	1	0.0221	0.0402	BGE2508	06/15/2023 13:17	TBB
EPA 200.8	Silver	N	0.0132V	mg/kg	1	0.000143	0.0100	BGE2508	06/15/2023 13:17	TBB
EPA 200.8	Thallium	N	0.000582V, J	mg/kg	1	0.000139	0.0100	BGE2508	06/15/2023 13:17	TBB
EPA 200.8	Zinc	N	7.70V	mg/kg	5	0.0377	0.201	BGE2508	06/20/2023 12:58	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 5-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-25      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00432J	mg/kg	1	0.00161	0.0200	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Arsenic	N	1.84	mg/kg	1	0.00246	0.0100	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Beryllium	N	0.00152J	mg/kg	1	0.000200	0.00400	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Cadmium	N	0.0232	mg/kg	1	0.000632	0.0200	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Chromium	N	0.465V	mg/kg	1	0.00147	0.0600	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Copper	N	3.25V	mg/kg	1	0.00174	0.0200	BGE2508	06/15/2023 13:22	TBB
SW-7471B	Mercury	A	<0.00469U	mg/kg	1	0.00469	0.00937	BGE3650	06/12/2023 16:01	AKR
EPA 200.8	Lead	N	0.157	mg/kg	1	0.00151	0.0100	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Nickel	N	0.237V	mg/kg	1	0.000354	0.0200	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Selenium	N	0.228	mg/kg	1	0.0220	0.0400	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Silver	N	0.0107V	mg/kg	1	0.000142	0.0100	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Thallium	N	0.000460V, J	mg/kg	1	0.000138	0.0100	BGE2508	06/15/2023 13:22	TBB
EPA 200.8	Zinc	N	7.27V	mg/kg	1	0.00751	0.0400	BGE2508	06/20/2023 13:08	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 6-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-26      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00230J	mg/kg	1	0.00160	0.0198	BGE2508	06/15/2023 13:27	TBB
EPA 200.8	Arsenic	N	2.11	mg/kg	5	0.0122	0.0496	BGE2508	06/15/2023 13:37	TBB
EPA 200.8	Beryllium	N	0.000675J	mg/kg	1	0.000198	0.00397	BGE2508	06/15/2023 13:27	TBB
EPA 200.8	Cadmium	N	0.0325	mg/kg	1	0.000627	0.0198	BGE2508	06/15/2023 13:27	TBB
EPA 200.8	Chromium	N	0.118V	mg/kg	1	0.00146	0.0595	BGE2508	06/15/2023 13:27	TBB
EPA 200.8	Copper	N	1.09V	mg/kg	1	0.00173	0.0198	BGE2508	06/15/2023 13:27	TBB
SW-7471B	Mercury	A	0.00681J	mg/kg	1	0.00465	0.00930	BGE3650	06/12/2023 16:04	AKR
EPA 200.8	Lead	N	0.0820	mg/kg	1	0.00150	0.00992	BGE2508	06/15/2023 13:27	TBB
EPA 200.8	Nickel	N	0.251V	mg/kg	1	0.000351	0.0198	BGE2508	06/15/2023 13:27	TBB
EPA 200.8	Selenium	N	0.270	mg/kg	1	0.0218	0.0397	BGE2508	06/15/2023 13:27	TBB
EPA 200.8	Silver	N	0.0137V	mg/kg	1	0.000141	0.00992	BGE2508	06/15/2023 13:27	TBB
EPA 200.8	Thallium	N	0.000496V, J	mg/kg	1	0.000137	0.00992	BGE2508	06/15/2023 13:27	TBB
EPA 200.8	Zinc	N	17.4V	mg/kg	5	0.0373	0.198	BGE2508	06/20/2023 13:15	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 6-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-27      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00232J	mg/kg	1	0.00161	0.0200	BGE2508	06/15/2023 13:39	TBB
EPA 200.8	Arsenic	N	1.85	mg/kg	5	0.0123	0.0500	BGE2508	06/15/2023 13:41	TBB
EPA 200.8	Beryllium	N	0.00164J	mg/kg	1	0.000200	0.00400	BGE2508	06/15/2023 13:39	TBB
EPA 200.8	Cadmium	N	0.0294	mg/kg	1	0.000632	0.0200	BGE2508	06/15/2023 13:39	TBB
EPA 200.8	Chromium	N	0.382V	mg/kg	1	0.00147	0.0600	BGE2508	06/15/2023 13:39	TBB
EPA 200.8	Copper	N	1.05V	mg/kg	1	0.00174	0.0200	BGE2508	06/15/2023 13:39	TBB
SW-7471B	Mercury	A	<0.00480U	mg/kg	1	0.00480	0.00960	BGE3650	06/12/2023 15:38	AKR
EPA 200.8	Lead	N	0.0901	mg/kg	1	0.00151	0.0100	BGE2508	06/15/2023 13:39	TBB
EPA 200.8	Nickel	N	0.349V	mg/kg	1	0.000354	0.0200	BGE2508	06/15/2023 13:39	TBB
EPA 200.8	Selenium	N	0.282	mg/kg	1	0.0220	0.0400	BGE2508	06/15/2023 13:39	TBB
EPA 200.8	Silver	N	0.0117V	mg/kg	1	0.000142	0.0100	BGE2508	06/15/2023 13:39	TBB
EPA 200.8	Thallium	N	0.000600V, J	mg/kg	1	0.000138	0.0100	BGE2508	06/15/2023 13:39	TBB
EPA 200.8	Zinc	N	12.6V	mg/kg	5	0.0376	0.200	BGE2508	06/20/2023 13:20	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 6-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-28      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00802U	mg/kg	5	0.00802	0.0996	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Arsenic	N	2.08	mg/kg	5	0.0123	0.0498	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Beryllium	N	<0.000996U	mg/kg	5	0.000996	0.0199	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Cadmium	N	0.0303J	mg/kg	5	0.00315	0.0996	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Chromium	N	0.128V, J	mg/kg	5	0.00732	0.299	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Copper	N	1.09V	mg/kg	5	0.00867	0.0996	BGE2508	06/15/2023 13:46	TBB
SW-7471B	Mercury	A	0.00504J	mg/kg	1	0.00492	0.00984	BGE3650	06/12/2023 16:24	AKR
EPA 200.8	Lead	N	0.0825	mg/kg	5	0.00752	0.0498	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Nickel	N	0.264V	mg/kg	5	0.00176	0.0996	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Selenium	N	0.208	mg/kg	5	0.110	0.199	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Silver	N	0.0118V, J	mg/kg	5	0.000707	0.0498	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Thallium	N	<0.000687B, U	mg/kg	5	0.000687	0.0498	BGE2508	06/15/2023 13:46	TBB
EPA 200.8	Zinc	N	15.4V	mg/kg	5	0.0374	0.199	BGE2508	06/20/2023 13:25	TBB





Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 6-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-29      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00217J	mg/kg	1	0.00160	0.0199	BGE2508	06/15/2023 13:49	TBB
EPA 200.8	Arsenic	N	1.84	mg/kg	5	0.0123	0.0498	BGE2508	06/15/2023 13:51	TBB
EPA 200.8	Beryllium	N	0.000757J	mg/kg	1	0.000199	0.00398	BGE2508	06/15/2023 13:49	TBB
EPA 200.8	Cadmium	N	0.0294	mg/kg	1	0.000629	0.0199	BGE2508	06/15/2023 13:49	TBB
EPA 200.8	Chromium	N	0.205V	mg/kg	1	0.00146	0.0598	BGE2508	06/15/2023 13:49	TBB
EPA 200.8	Copper	N	0.967V	mg/kg	1	0.00173	0.0199	BGE2508	06/15/2023 13:49	TBB
SW-7471B	Mercury	A	0.00567J	mg/kg	1	0.00465	0.00930	BGE3650	06/12/2023 16:27	AKR
EPA 200.8	Lead	N	0.0889	mg/kg	1	0.00150	0.00996	BGE2508	06/15/2023 13:49	TBB
EPA 200.8	Nickel	N	0.298V	mg/kg	1	0.000353	0.0199	BGE2508	06/15/2023 13:49	TBB
EPA 200.8	Selenium	N	0.283	mg/kg	1	0.0219	0.0398	BGE2508	06/15/2023 13:49	TBB
EPA 200.8	Silver	N	0.0100V	mg/kg	1	0.000141	0.00996	BGE2508	06/15/2023 13:49	TBB
EPA 200.8	Thallium	N	0.000538V, J	mg/kg	1	0.000137	0.00996	BGE2508	06/15/2023 13:49	TBB
EPA 200.8	Zinc	N	19.6V	mg/kg	5	0.0374	0.199	BGE2508	06/20/2023 13:30	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 6-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-30      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00222J	mg/kg	1	0.00161	0.0200	BGE2508	06/15/2023 13:54	TBB
EPA 200.8	Arsenic	N	1.82	mg/kg	5	0.0123	0.0500	BGE2508	06/15/2023 13:56	TBB
EPA 200.8	Beryllium	N	0.00118J	mg/kg	1	0.000200	0.00400	BGE2508	06/15/2023 13:54	TBB
EPA 200.8	Cadmium	N	0.0302	mg/kg	1	0.000632	0.0200	BGE2508	06/15/2023 13:54	TBB
EPA 200.8	Chromium	N	0.251V	mg/kg	1	0.00147	0.0600	BGE2508	06/15/2023 13:54	TBB
EPA 200.8	Copper	N	1.02V	mg/kg	1	0.00174	0.0200	BGE2508	06/15/2023 13:54	TBB
SW-7471B	Mercury	A	0.00640J	mg/kg	1	0.00476	0.00952	BGE3650	06/12/2023 16:31	AKR
EPA 200.8	Lead	N	0.0886	mg/kg	1	0.00151	0.0100	BGE2508	06/15/2023 13:54	TBB
EPA 200.8	Nickel	N	0.278V	mg/kg	1	0.000354	0.0200	BGE2508	06/15/2023 13:54	TBB
EPA 200.8	Selenium	N	0.276	mg/kg	1	0.0220	0.0400	BGE2508	06/15/2023 13:54	TBB
EPA 200.8	Silver	N	0.0111V	mg/kg	1	0.000142	0.0100	BGE2508	06/15/2023 13:54	TBB
EPA 200.8	Thallium	N	0.000540V, J	mg/kg	1	0.000138	0.0100	BGE2508	06/15/2023 13:54	TBB
EPA 200.8	Zinc	N	10.8V	mg/kg	5	0.0376	0.200	BGE2508	06/20/2023 13:43	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-31      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00217J	mg/kg	1	0.00160	0.0199	BGE2508	06/15/2023 14:16	TBB
EPA 200.8	Arsenic	N	1.85	mg/kg	5	0.0123	0.0498	BGE2508	06/15/2023 14:18	TBB
EPA 200.8	Beryllium	N	0.000518J	mg/kg	1	0.000199	0.00398	BGE2508	06/23/2023 15:42	TBB
EPA 200.8	Cadmium	N	0.0298	mg/kg	1	0.000629	0.0199	BGE2508	06/15/2023 14:16	TBB
EPA 200.8	Chromium	N	0.0479V, J	mg/kg	1	0.00146	0.0598	BGE2508	06/15/2023 14:16	TBB
EPA 200.8	Copper	N	1.07V	mg/kg	1	0.00173	0.0199	BGE2508	06/15/2023 14:16	TBB
SW-7471B	Mercury	A	<0.00492U	mg/kg	1	0.00492	0.00984	BGE3650	06/12/2023 16:34	AKR
EPA 200.8	Lead	N	0.0961	mg/kg	1	0.00150	0.00996	BGE2508	06/15/2023 14:16	TBB
EPA 200.8	Nickel	N	0.152V	mg/kg	1	0.000353	0.0199	BGE2508	06/23/2023 12:04	TBB
EPA 200.8	Selenium	N	0.276	mg/kg	1	0.0219	0.0398	BGE2508	06/15/2023 14:16	TBB
EPA 200.8	Silver	N	0.0152V	mg/kg	1	0.000141	0.00996	BGE2508	06/15/2023 14:16	TBB
EPA 200.8	Thallium	N	0.000359V, J	mg/kg	1	0.000137	0.00996	BGE2508	06/15/2023 14:16	TBB
EPA 200.8	Zinc	N	26.1V	mg/kg	5	0.0374	0.199	BGE2508	06/20/2023 13:57	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-32      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00200J	mg/kg	1	0.00159	0.0198	BGE2508	06/15/2023 14:21	TBB
EPA 200.8	Arsenic	N	1.64	mg/kg	5	0.0122	0.0494	BGE2508	06/15/2023 14:23	TBB
EPA 200.8	Beryllium	N	0.000375J	mg/kg	1	0.000198	0.00395	BGE2508	06/23/2023 15:57	TBB
EPA 200.8	Cadmium	N	0.0254	mg/kg	1	0.000625	0.0198	BGE2508	06/15/2023 14:21	TBB
EPA 200.8	Chromium	N	0.0410V, J	mg/kg	1	0.00145	0.0593	BGE2508	06/15/2023 14:21	TBB
EPA 200.8	Copper	N	1.01V	mg/kg	1	0.00172	0.0198	BGE2508	06/15/2023 14:21	TBB
SW-7471B	Mercury	A	<0.00465U	mg/kg	1	0.00465	0.00930	BGE3650	06/12/2023 16:37	AKR
EPA 200.8	Lead	N	0.0979	mg/kg	1	0.00149	0.00988	BGE2508	06/15/2023 14:21	TBB
EPA 200.8	Nickel	N	0.137V	mg/kg	1	0.000350	0.0198	BGE2508	06/23/2023 12:06	TBB
EPA 200.8	Selenium	N	0.277	mg/kg	1	0.0217	0.0395	BGE2508	06/15/2023 14:21	TBB
EPA 200.8	Silver	N	0.0186V	mg/kg	1	0.000140	0.00988	BGE2508	06/15/2023 14:21	TBB
EPA 200.8	Thallium	N	0.000237V, J	mg/kg	1	0.000136	0.00988	BGE2508	06/15/2023 14:21	TBB
EPA 200.8	Zinc	N	67.2V	mg/kg	10	0.0742	0.395	BGE2508	06/20/2023 14:49	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-33      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00178J	mg/kg	1	0.00161	0.0200	BGE2508	06/15/2023 14:26	TBB
EPA 200.8	Arsenic	N	1.95	mg/kg	1	0.00246	0.0100	BGE2508	06/15/2023 14:26	TBB
EPA 200.8	Beryllium	N	0.000300J	mg/kg	1	0.000200	0.00400	BGE2508	06/23/2023 15:47	TBB
EPA 200.8	Cadmium	N	0.0273	mg/kg	1	0.000632	0.0200	BGE2508	06/15/2023 14:26	TBB
EPA 200.8	Chromium	N	0.0441V, J	mg/kg	1	0.00147	0.0600	BGE2508	06/15/2023 14:26	TBB
EPA 200.8	Copper	N	1.11V	mg/kg	1	0.00174	0.0200	BGE2508	06/15/2023 14:26	TBB
SW-7471B	Mercury	A	<0.00469U	mg/kg	1	0.00469	0.00937	BGE3650	06/12/2023 16:40	AKR
EPA 200.8	Lead	N	0.0849	mg/kg	1	0.00151	0.0100	BGE2508	06/15/2023 14:26	TBB
EPA 200.8	Nickel	N	0.148V	mg/kg	1	0.000354	0.0200	BGE2508	06/23/2023 12:08	TBB
EPA 200.8	Selenium	N	0.269	mg/kg	1	0.0220	0.0400	BGE2508	06/15/2023 14:26	TBB
EPA 200.8	Silver	N	0.0131V	mg/kg	1	0.000142	0.0100	BGE2508	06/15/2023 14:26	TBB
EPA 200.8	Thallium	N	0.000240V, J	mg/kg	1	0.000138	0.0100	BGE2508	06/15/2023 14:26	TBB
EPA 200.8	Zinc	N	22.1V	mg/kg	5	0.0376	0.200	BGE2508	06/20/2023 14:14	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-34      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00209J	mg/kg	1	0.00162	0.0201	BGE2508	06/15/2023 14:31	TBB
EPA 200.8	Arsenic	N	1.92	mg/kg	1	0.00247	0.0100	BGE2508	06/15/2023 14:31	TBB
EPA 200.8	Beryllium	N	0.000643J	mg/kg	1	0.000201	0.00402	BGE2508	06/23/2023 15:49	TBB
EPA 200.8	Cadmium	N	0.0260	mg/kg	1	0.000635	0.0201	BGE2508	06/15/2023 14:31	TBB
EPA 200.8	Chromium	N	0.0571V, J	mg/kg	1	0.00148	0.0602	BGE2508	06/15/2023 14:31	TBB
EPA 200.8	Copper	N	0.985V	mg/kg	1	0.00175	0.0201	BGE2508	06/15/2023 14:31	TBB
SW-7471B	Mercury	A	<0.00496U	mg/kg	1	0.00496	0.00992	BGE3650	06/12/2023 16:50	AKR
EPA 200.8	Lead	N	0.0886	mg/kg	1	0.00152	0.0100	BGE2508	06/15/2023 14:31	TBB
EPA 200.8	Nickel	N	0.158V	mg/kg	1	0.000355	0.0201	BGE2508	06/23/2023 12:11	TBB
EPA 200.8	Selenium	N	0.272	mg/kg	1	0.0221	0.0402	BGE2508	06/15/2023 14:31	TBB
EPA 200.8	Silver	N	0.0124V	mg/kg	1	0.000143	0.0100	BGE2508	06/15/2023 14:31	TBB
EPA 200.8	Thallium	N	0.000281V, J	mg/kg	1	0.000139	0.0100	BGE2508	06/15/2023 14:31	TBB
EPA 200.8	Zinc	N	37.9V	mg/kg	5	0.0377	0.201	BGE2508	06/20/2023 14:19	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 7-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-35      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00176J	mg/kg	1	0.00161	0.0200	BGE2508	06/15/2023 14:43	TBB
EPA 200.8	Arsenic	N	1.97	mg/kg	1	0.00246	0.0100	BGE2508	06/15/2023 14:43	TBB
EPA 200.8	Beryllium	N	0.000840J	mg/kg	1	0.000200	0.00400	BGE2508	06/23/2023 15:52	TBB
EPA 200.8	Cadmium	N	0.0293	mg/kg	1	0.000632	0.0200	BGE2508	06/15/2023 14:43	TBB
EPA 200.8	Chromium	N	0.0877V	mg/kg	1	0.00147	0.0600	BGE2508	06/15/2023 14:43	TBB
EPA 200.8	Copper	N	1.14V	mg/kg	1	0.00174	0.0200	BGE2508	06/15/2023 14:43	TBB
SW-7471B	Mercury	A	0.00530J	mg/kg	1	0.00465	0.00930	BGE3650	06/12/2023 16:54	AKR
EPA 200.8	Lead	N	0.100	mg/kg	1	0.00151	0.0100	BGE2508	06/15/2023 14:43	TBB
EPA 200.8	Nickel	N	0.165V	mg/kg	1	0.000354	0.0200	BGE2508	06/23/2023 12:13	TBB
EPA 200.8	Selenium	N	0.259	mg/kg	1	0.0220	0.0400	BGE2508	06/15/2023 14:43	TBB
EPA 200.8	Silver	N	0.0120V	mg/kg	1	0.000142	0.0100	BGE2508	06/15/2023 14:43	TBB
EPA 200.8	Thallium	N	0.000340V, J	mg/kg	1	0.000138	0.0100	BGE2508	06/15/2023 14:43	TBB
EPA 200.8	Zinc	N	8.11V	mg/kg	5	0.0376	0.200	BGE2508	06/20/2023 14:24	TBB



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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 8-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-36      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00237J	mg/kg	1	0.00158	0.0196	BGE2508	06/15/2023 14:48	TBB
EPA 200.8	Arsenic	N	2.03	mg/kg	5	0.0121	0.0490	BGE2508	06/15/2023 14:50	TBB
EPA 200.8	Beryllium	N	0.000725J	mg/kg	1	0.000196	0.00392	BGE2508	06/23/2023 17:00	TBB
EPA 200.8	Cadmium	N	0.0243	mg/kg	1	0.000620	0.0196	BGE2508	06/15/2023 14:48	TBB
EPA 200.8	Chromium	N	0.0429V, J	mg/kg	1	0.00144	0.0588	BGE2508	06/15/2023 14:48	TBB
EPA 200.8	Copper	N	1.02V	mg/kg	1	0.00171	0.0196	BGE2508	06/15/2023 14:48	TBB
SW-7471B	Mercury	A	<0.00476U	mg/kg	1	0.00476	0.00952	BGE3650	06/12/2023 16:57	AKR
EPA 200.8	Lead	N	0.0976	mg/kg	1	0.00148	0.00980	BGE2508	06/15/2023 14:48	TBB
EPA 200.8	Nickel	N	0.138V	mg/kg	1	0.000347	0.0196	BGE2508	06/23/2023 12:16	TBB
EPA 200.8	Selenium	N	0.291	mg/kg	1	0.0216	0.0392	BGE2508	06/15/2023 14:48	TBB
EPA 200.8	Silver	N	0.0149V	mg/kg	1	0.000139	0.00980	BGE2508	06/15/2023 14:48	TBB
EPA 200.8	Thallium	N	0.000353V, J	mg/kg	1	0.000135	0.00980	BGE2508	06/15/2023 14:48	TBB
EPA 200.8	Zinc	N	51.7V	mg/kg	10	0.0736	0.392	BGE2508	06/23/2023 16:11	TBB





Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 8-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-37      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00206J	mg/kg	1	0.00161	0.0200	BGE2508	06/15/2023 14:53	TBB
EPA 200.8	Arsenic	N	2.13	mg/kg	5	0.0123	0.0500	BGE2508	06/15/2023 14:55	TBB
EPA 200.8	Beryllium	N	0.000540J	mg/kg	1	0.000200	0.00400	BGE2508	06/23/2023 15:59	TBB
EPA 200.8	Cadmium	N	0.0277	mg/kg	1	0.000632	0.0200	BGE2508	06/15/2023 14:53	TBB
EPA 200.8	Chromium	N	0.0515V, J	mg/kg	1	0.00147	0.0600	BGE2508	06/15/2023 14:53	TBB
EPA 200.8	Copper	N	1.11V	mg/kg	1	0.00174	0.0200	BGE2508	06/15/2023 14:53	TBB
SW-7471B	Mercury	A	<0.00484U	mg/kg	1	0.00484	0.00968	BGE3650	06/12/2023 17:00	AKR
EPA 200.8	Lead	N	0.0807	mg/kg	1	0.00151	0.0100	BGE2508	06/15/2023 14:53	TBB
EPA 200.8	Nickel	N	0.151V	mg/kg	1	0.000354	0.0200	BGE2508	06/23/2023 12:18	TBB
EPA 200.8	Selenium	N	0.286	mg/kg	1	0.0220	0.0400	BGE2508	06/15/2023 14:53	TBB
EPA 200.8	Silver	N	0.0128V	mg/kg	1	0.000142	0.0100	BGE2508	06/15/2023 14:53	TBB
EPA 200.8	Thallium	N	0.000380V, J	mg/kg	1	0.000138	0.0100	BGE2508	06/15/2023 14:53	TBB
EPA 200.8	Zinc	N	28.7V	mg/kg	5	0.0376	0.200	BGE2508	06/20/2023 14:34	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 8-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-38      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00206J	mg/kg	1	0.00161	0.0200	BGE2508	06/15/2023 14:58	TBB
EPA 200.8	Arsenic	N	1.85	mg/kg	5	0.0123	0.0500	BGE2508	06/15/2023 15:00	TBB
EPA 200.8	Beryllium	N	0.000380J	mg/kg	1	0.000200	0.00400	BGE2508	06/23/2023 16:02	TBB
EPA 200.8	Cadmium	N	0.0279	mg/kg	1	0.000632	0.0200	BGE2508	06/15/2023 14:58	TBB
EPA 200.8	Chromium	N	0.0479V, J	mg/kg	1	0.00147	0.0600	BGE2508	06/15/2023 14:58	TBB
EPA 200.8	Copper	N	1.04V	mg/kg	1	0.00174	0.0200	BGE2508	06/15/2023 14:58	TBB
SW-7471B	Mercury	A	0.00533J	mg/kg	1	0.00480	0.00960	BGE3650	06/12/2023 17:04	AKR
EPA 200.8	Lead	N	0.0814	mg/kg	1	0.00151	0.0100	BGE2508	06/15/2023 14:58	TBB
EPA 200.8	Nickel	N	0.138V	mg/kg	1	0.000354	0.0200	BGE2508	06/23/2023 12:21	TBB
EPA 200.8	Selenium	N	0.263	mg/kg	1	0.0220	0.0400	BGE2508	06/15/2023 14:58	TBB
EPA 200.8	Silver	N	0.0130V	mg/kg	1	0.000142	0.0100	BGE2508	06/15/2023 14:58	TBB
EPA 200.8	Thallium	N	0.000340V, J	mg/kg	1	0.000138	0.0100	BGE2508	06/15/2023 14:58	TBB
EPA 200.8	Zinc	N	29.2V	mg/kg	5	0.0376	0.200	BGE2508	06/20/2023 14:46	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 8-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-39      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00184J	mg/kg	1	0.00161	0.0200	BGE2509	06/19/2023 08:55	TBB
EPA 200.8	Arsenic	N	1.95	mg/kg	1	0.00246	0.0100	BGE2509	06/21/2023 09:24	TBB
EPA 200.8	Beryllium	N	0.000740J	mg/kg	1	0.000200	0.00400	BGE2509	06/19/2023 11:11	TBB
EPA 200.8	Cadmium	N	0.0221	mg/kg	1	0.000632	0.0200	BGE2509	06/19/2023 08:55	TBB
EPA 200.8	Chromium	N	0.0554J	mg/kg	1	0.00147	0.0600	BGE2509	06/19/2023 08:55	TBB
EPA 200.8	Copper	N	0.997V	mg/kg	1	0.00174	0.0200	BGE2509	06/21/2023 09:24	TBB
SW-7471B	Mercury	A	<0.00488U	mg/kg	1	0.00488	0.00976	BGE3650	06/12/2023 17:07	AKR
EPA 200.8	Lead	N	0.0754V	mg/kg	1	0.00151	0.0100	BGE2509	06/21/2023 09:24	TBB
EPA 200.8	Nickel	N	0.127V	mg/kg	1	0.000354	0.0200	BGE2509	06/21/2023 09:24	TBB
EPA 200.8	Selenium	N	0.225	mg/kg	1	0.0220	0.0400	BGE2509	06/19/2023 08:55	TBB
EPA 200.8	Silver	N	0.0108	mg/kg	1	0.000142	0.0100	BGE2509	06/19/2023 08:55	TBB
EPA 200.8	Thallium	N	0.000380J	mg/kg	1	0.000138	0.0100	BGE2509	06/19/2023 08:55	TBB
EPA 200.8	Zinc	N	23.7V	mg/kg	5	0.0376	0.200	BGE2509	06/21/2023 10:49	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: MM-HI-DMMU 8-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-40      Date Collected: 04/01/2023 11:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00272J	mg/kg	1	0.00161	0.0200	BGE2509	06/19/2023 09:10	TBB
EPA 200.8	Arsenic	N	2.26	mg/kg	10	0.0246	0.100	BGE2509	06/21/2023 10:47	TBB
EPA 200.8	Beryllium	N	0.000340J	mg/kg	1	0.000200	0.00400	BGE2509	06/19/2023 11:21	TBB
EPA 200.8	Cadmium	N	0.0242	mg/kg	1	0.000632	0.0200	BGE2509	06/19/2023 09:10	TBB
EPA 200.8	Chromium	N	0.0441J	mg/kg	1	0.00147	0.0600	BGE2509	06/19/2023 09:10	TBB
EPA 200.8	Copper	N	0.925V	mg/kg	1	0.00174	0.0200	BGE2509	06/21/2023 09:39	TBB
SW-7471B	Mercury	A	0.00519J	mg/kg	1	0.00492	0.00984	BGE3650	06/12/2023 16:14	AKR
EPA 200.8	Lead	N	0.0786V	mg/kg	1	0.00151	0.0100	BGE2509	06/21/2023 09:39	TBB
EPA 200.8	Nickel	N	0.134V	mg/kg	1	0.000354	0.0200	BGE2509	06/21/2023 09:39	TBB
EPA 200.8	Selenium	N	0.254	mg/kg	1	0.0220	0.0400	BGE2509	06/19/2023 09:10	TBB
EPA 200.8	Silver	N	0.0112	mg/kg	1	0.000142	0.0100	BGE2509	06/19/2023 09:10	TBB
EPA 200.8	Thallium	N	0.000500J	mg/kg	1	0.000138	0.0100	BGE2509	06/19/2023 09:10	TBB
EPA 200.8	Zinc	N	44.7V	mg/kg	10	0.0751	0.400	BGE2509	06/21/2023 10:47	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 1-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-41      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2509	06/19/2023 09:22	TBB
EPA 200.8	Arsenic	N	1.26	mg/kg	1	0.00246	0.0100	BGE2509	06/21/2023 10:57	TBB
EPA 200.8	Beryllium	N	0.00134J	mg/kg	1	0.000200	0.00400	BGE2509	06/19/2023 11:26	TBB
EPA 200.8	Cadmium	N	0.0443	mg/kg	1	0.000632	0.0200	BGE2509	06/19/2023 09:22	TBB
EPA 200.8	Chromium	N	0.0402J	mg/kg	1	0.00147	0.0600	BGE2509	06/19/2023 09:22	TBB
EPA 200.8	Copper	N	1.22V	mg/kg	1	0.00174	0.0200	BGE2509	06/21/2023 10:57	TBB
SW-7471B	Mercury	A	<0.00500U	mg/kg	1	0.00500	0.0100	BGE3651	06/23/2023 13:48	AKR
EPA 200.8	Lead	N	0.0350V	mg/kg	1	0.00151	0.0100	BGE2509	06/21/2023 10:57	TBB
EPA 200.8	Nickel	N	0.324V	mg/kg	1	0.000354	0.0200	BGE2509	06/21/2023 10:57	TBB
EPA 200.8	Selenium	N	0.136	mg/kg	1	0.0220	0.0400	BGE2509	06/19/2023 09:22	TBB
EPA 200.8	Silver	N	0.0203	mg/kg	1	0.000142	0.0100	BGE2509	06/19/2023 09:22	TBB
EPA 200.8	Thallium	N	0.000360J	mg/kg	1	0.000138	0.0100	BGE2509	06/19/2023 09:22	TBB
EPA 200.8	Zinc	N	10.6V	mg/kg	5	0.0376	0.200	BGE2509	06/21/2023 10:59	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 1-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-42      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2509	06/19/2023 09:27	TBB
EPA 200.8	Arsenic	N	1.31	mg/kg	1	0.00246	0.0100	BGE2509	06/21/2023 11:02	TBB
EPA 200.8	Beryllium	N	0.00152J	mg/kg	1	0.000200	0.00400	BGE2509	06/19/2023 11:36	TBB
EPA 200.8	Cadmium	N	0.0442	mg/kg	1	0.000632	0.0200	BGE2509	06/19/2023 09:27	TBB
EPA 200.8	Chromium	N	0.0563J	mg/kg	1	0.00147	0.0600	BGE2509	06/19/2023 09:27	TBB
EPA 200.8	Copper	N	1.22V	mg/kg	1	0.00174	0.0200	BGE2509	06/21/2023 11:02	TBB
SW-7471B	Mercury	A	<0.00488U	mg/kg	1	0.00488	0.00976	BGE3651	06/23/2023 13:52	AKR
EPA 200.8	Lead	N	0.0390V	mg/kg	1	0.00151	0.0100	BGE2509	06/21/2023 11:02	TBB
EPA 200.8	Nickel	N	0.430V	mg/kg	1	0.000354	0.0200	BGE2509	06/21/2023 11:02	TBB
EPA 200.8	Selenium	N	0.158	mg/kg	1	0.0220	0.0400	BGE2509	06/19/2023 09:27	TBB
EPA 200.8	Silver	N	0.0187	mg/kg	1	0.000142	0.0100	BGE2509	06/19/2023 09:27	TBB
EPA 200.8	Thallium	N	0.000400J	mg/kg	1	0.000138	0.0100	BGE2509	06/19/2023 09:27	TBB
EPA 200.8	Zinc	N	12.9V	mg/kg	5	0.0376	0.200	BGE2509	06/21/2023 11:04	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 1-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-43      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00160U	mg/kg	1	0.00160	0.0199	BGE2509	06/19/2023 09:32	TBB
EPA 200.8	Arsenic	N	1.43	mg/kg	1	0.00245	0.00996	BGE2509	06/21/2023 11:06	TBB
EPA 200.8	Beryllium	N	0.00141J	mg/kg	1	0.000199	0.00398	BGE2509	06/19/2023 11:38	TBB
EPA 200.8	Cadmium	N	0.0479	mg/kg	1	0.000629	0.0199	BGE2509	06/19/2023 09:32	TBB
EPA 200.8	Chromium	N	0.0383J	mg/kg	1	0.00146	0.0598	BGE2509	06/19/2023 09:32	TBB
EPA 200.8	Copper	N	1.19V	mg/kg	1	0.00173	0.0199	BGE2509	06/21/2023 11:06	TBB
SW-7471B	Mercury	A	<0.00469U	mg/kg	1	0.00469	0.00937	BGE3651	06/23/2023 13:55	AKR
EPA 200.8	Lead	N	0.0386V	mg/kg	1	0.00150	0.00996	BGE2509	06/21/2023 11:06	TBB
EPA 200.8	Nickel	N	0.417V	mg/kg	1	0.000353	0.0199	BGE2509	06/21/2023 11:06	TBB
EPA 200.8	Selenium	N	0.160	mg/kg	1	0.0219	0.0398	BGE2509	06/19/2023 09:32	TBB
EPA 200.8	Silver	N	0.0147	mg/kg	1	0.000141	0.00996	BGE2509	06/19/2023 09:32	TBB
EPA 200.8	Thallium	N	0.000418J	mg/kg	1	0.000137	0.00996	BGE2509	06/19/2023 09:32	TBB
EPA 200.8	Zinc	N	12.0V	mg/kg	5	0.0374	0.199	BGE2509	06/21/2023 11:09	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 1-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-44      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2509	06/19/2023 09:34	TBB
EPA 200.8	Arsenic	N	1.31	mg/kg	1	0.00246	0.0100	BGE2509	06/21/2023 11:19	TBB
EPA 200.8	Beryllium	N	0.00156J	mg/kg	1	0.000200	0.00400	BGE2509	06/19/2023 11:40	TBB
EPA 200.8	Cadmium	N	0.0491	mg/kg	1	0.000632	0.0200	BGE2509	06/19/2023 09:34	TBB
EPA 200.8	Chromium	N	0.0420J	mg/kg	1	0.00147	0.0600	BGE2509	06/19/2023 09:34	TBB
EPA 200.8	Copper	N	1.47V	mg/kg	1	0.00174	0.0200	BGE2509	06/21/2023 11:19	TBB
SW-7471B	Mercury	A	<0.00476U	mg/kg	1	0.00476	0.00952	BGE3651	06/23/2023 13:58	AKR
EPA 200.8	Lead	N	0.0500V	mg/kg	1	0.00151	0.0100	BGE2509	06/21/2023 11:19	TBB
EPA 200.8	Nickel	N	0.385V	mg/kg	1	0.000354	0.0200	BGE2509	06/21/2023 11:19	TBB
EPA 200.8	Selenium	N	0.161	mg/kg	1	0.0220	0.0400	BGE2509	06/19/2023 09:34	TBB
EPA 200.8	Silver	N	0.0218	mg/kg	1	0.000142	0.0100	BGE2509	06/19/2023 09:34	TBB
EPA 200.8	Thallium	N	0.000600J	mg/kg	1	0.000138	0.0100	BGE2509	06/19/2023 09:34	TBB
EPA 200.8	Zinc	N	11.7V	mg/kg	5	0.0376	0.200	BGE2509	06/21/2023 11:21	TBB





Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 1-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-45      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00162U	mg/kg	1	0.00162	0.0201	BGE2509	06/19/2023 09:37	TBB
EPA 200.8	Arsenic	N	1.25	mg/kg	1	0.00247	0.0100	BGE2509	06/21/2023 11:24	TBB
EPA 200.8	Beryllium	N	0.000924J	mg/kg	1	0.000201	0.00402	BGE2509	06/19/2023 11:43	TBB
EPA 200.8	Cadmium	N	0.0452	mg/kg	1	0.000635	0.0201	BGE2509	06/19/2023 09:37	TBB
EPA 200.8	Chromium	N	0.0310J	mg/kg	1	0.00148	0.0602	BGE2509	06/19/2023 11:43	TBB
EPA 200.8	Copper	N	1.17V	mg/kg	1	0.00175	0.0201	BGE2509	06/21/2023 11:24	TBB
SW-7471B	Mercury	A	<0.00496U	mg/kg	1	0.00496	0.00992	BGE3651	06/23/2023 14:01	AKR
EPA 200.8	Lead	N	0.0326V	mg/kg	1	0.00152	0.0100	BGE2509	06/21/2023 11:24	TBB
EPA 200.8	Nickel	N	0.361V	mg/kg	1	0.000355	0.0201	BGE2509	06/21/2023 11:24	TBB
EPA 200.8	Selenium	N	0.162	mg/kg	1	0.0221	0.0402	BGE2509	06/19/2023 11:43	TBB
EPA 200.8	Silver	N	0.0163	mg/kg	1	0.000143	0.0100	BGE2509	06/19/2023 09:37	TBB
EPA 200.8	Thallium	N	0.000341J	mg/kg	1	0.000139	0.0100	BGE2509	06/19/2023 09:37	TBB
EPA 200.8	Zinc	N	10.1V	mg/kg	5	0.0377	0.201	BGE2509	06/21/2023 11:26	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-46      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2509	06/19/2023 09:42	TBB
EPA 200.8	Arsenic	N	1.24	mg/kg	1	0.00246	0.0100	BGE2509	06/21/2023 11:28	TBB
EPA 200.8	Beryllium	N	0.00142J	mg/kg	1	0.000200	0.00400	BGE2509	06/19/2023 11:45	TBB
EPA 200.8	Cadmium	N	0.0535	mg/kg	1	0.000632	0.0200	BGE2509	06/19/2023 09:42	TBB
EPA 200.8	Chromium	N	0.0243J	mg/kg	1	0.00147	0.0600	BGE2509	06/19/2023 09:42	TBB
EPA 200.8	Copper	N	1.53V	mg/kg	1	0.00174	0.0200	BGE2509	06/21/2023 11:28	TBB
SW-7471B	Mercury	A	<0.00492U	mg/kg	1	0.00492	0.00984	BGE3651	06/23/2023 13:38	AKR
EPA 200.8	Lead	N	0.0346V	mg/kg	1	0.00151	0.0100	BGE2509	06/21/2023 11:28	TBB
EPA 200.8	Nickel	N	0.379V	mg/kg	1	0.000354	0.0200	BGE2509	06/21/2023 11:28	TBB
EPA 200.8	Selenium	N	0.169	mg/kg	1	0.0220	0.0400	BGE2509	06/19/2023 09:42	TBB
EPA 200.8	Silver	N	0.0201	mg/kg	1	0.000142	0.0100	BGE2509	06/19/2023 09:42	TBB
EPA 200.8	Thallium	N	0.000540J	mg/kg	1	0.000138	0.0100	BGE2509	06/19/2023 09:42	TBB
EPA 200.8	Zinc	N	12.2V	mg/kg	5	0.0376	0.200	BGE2509	06/21/2023 11:31	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-47      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00162U	mg/kg	1	0.00162	0.0201	BGE2509	06/19/2023 11:48	TBB
EPA 200.8	Arsenic	N	1.23	mg/kg	1	0.00247	0.0100	BGE2509	06/21/2023 11:33	TBB
EPA 200.8	Beryllium	N	0.00141J	mg/kg	1	0.000201	0.00402	BGE2509	06/19/2023 11:48	TBB
EPA 200.8	Cadmium	N	0.0482	mg/kg	1	0.000635	0.0201	BGE2509	06/19/2023 11:48	TBB
EPA 200.8	Chromium	N	0.0403J	mg/kg	1	0.00148	0.0602	BGE2509	06/19/2023 11:48	TBB
EPA 200.8	Copper	N	1.19V	mg/kg	1	0.00175	0.0201	BGE2509	06/21/2023 11:33	TBB
SW-7471B	Mercury	A	<0.00492U	mg/kg	1	0.00492	0.00984	BGE3651	06/23/2023 14:05	AKR
EPA 200.8	Lead	N	0.0343V	mg/kg	1	0.00152	0.0100	BGE2509	06/21/2023 11:33	TBB
EPA 200.8	Nickel	N	0.374V	mg/kg	1	0.000355	0.0201	BGE2509	06/21/2023 11:33	TBB
EPA 200.8	Selenium	N	0.168	mg/kg	1	0.0221	0.0402	BGE2509	06/19/2023 11:48	TBB
EPA 200.8	Silver	N	0.0199	mg/kg	1	0.000143	0.0100	BGE2509	06/19/2023 11:48	TBB
EPA 200.8	Thallium	N	0.000422J	mg/kg	1	0.000139	0.0100	BGE2509	06/19/2023 11:48	TBB
EPA 200.8	Zinc	N	12.6V	mg/kg	5	0.0377	0.201	BGE2509	06/21/2023 11:36	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-48      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00160U	mg/kg	1	0.00160	0.0199	BGE2509	06/19/2023 11:50	TBB
EPA 200.8	Arsenic	N	1.28	mg/kg	1	0.00245	0.00996	BGE2509	06/21/2023 11:38	TBB
EPA 200.8	Beryllium	N	0.000936J	mg/kg	1	0.000199	0.00398	BGE2509	06/19/2023 11:50	TBB
EPA 200.8	Cadmium	N	0.0451	mg/kg	1	0.000629	0.0199	BGE2509	06/19/2023 11:50	TBB
EPA 200.8	Chromium	N	0.0369J	mg/kg	1	0.00146	0.0598	BGE2509	06/19/2023 11:50	TBB
EPA 200.8	Copper	N	1.14V	mg/kg	1	0.00173	0.0199	BGE2509	06/21/2023 11:38	TBB
SW-7471B	Mercury	A	<0.00476U	mg/kg	1	0.00476	0.00952	BGE3651	06/23/2023 14:15	AKR
EPA 200.8	Lead	N	0.0335V	mg/kg	1	0.00150	0.00996	BGE2509	06/21/2023 11:38	TBB
EPA 200.8	Nickel	N	0.310V	mg/kg	1	0.000353	0.0199	BGE2509	06/21/2023 11:38	TBB
EPA 200.8	Selenium	N	0.167	mg/kg	1	0.0219	0.0398	BGE2509	06/19/2023 11:50	TBB
EPA 200.8	Silver	N	0.0155	mg/kg	1	0.000141	0.00996	BGE2509	06/19/2023 11:50	TBB
EPA 200.8	Thallium	N	0.000538J	mg/kg	1	0.000137	0.00996	BGE2509	06/19/2023 11:50	TBB
EPA 200.8	Zinc	N	11.2V	mg/kg	5	0.0374	0.199	BGE2509	06/21/2023 11:41	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-49      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00159U	mg/kg	1	0.00159	0.0198	BGE2509	06/19/2023 11:53	TBB
EPA 200.8	Arsenic	N	1.47	mg/kg	1	0.00243	0.00988	BGE2509	06/21/2023 11:51	TBB
EPA 200.8	Beryllium	N	0.00142J	mg/kg	1	0.000198	0.00395	BGE2509	06/19/2023 11:53	TBB
EPA 200.8	Cadmium	N	0.0548	mg/kg	1	0.000625	0.0198	BGE2509	06/19/2023 11:53	TBB
EPA 200.8	Chromium	N	0.0443J	mg/kg	1	0.00145	0.0593	BGE2509	06/19/2023 11:53	TBB
EPA 200.8	Copper	N	1.33V	mg/kg	1	0.00172	0.0198	BGE2509	06/21/2023 11:51	TBB
SW-7471B	Mercury	A	<0.00480U	mg/kg	1	0.00480	0.00960	BGE3651	06/23/2023 14:28	AKR
EPA 200.8	Lead	N	0.0370V	mg/kg	1	0.00149	0.00988	BGE2509	06/21/2023 11:51	TBB
EPA 200.8	Nickel	N	0.407V	mg/kg	1	0.000350	0.0198	BGE2509	06/21/2023 11:51	TBB
EPA 200.8	Selenium	N	0.189	mg/kg	1	0.0217	0.0395	BGE2509	06/19/2023 11:53	TBB
EPA 200.8	Silver	N	0.0175	mg/kg	1	0.000140	0.00988	BGE2509	06/19/2023 11:53	TBB
EPA 200.8	Thallium	N	0.000494J	mg/kg	1	0.000136	0.00988	BGE2509	06/19/2023 11:53	TBB
EPA 200.8	Zinc	N	12.5V	mg/kg	5	0.0371	0.198	BGE2509	06/21/2023 11:53	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 2-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-50      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2509	06/19/2023 12:10	TBB
EPA 200.8	Arsenic	N	1.36	mg/kg	1	0.00246	0.0100	BGE2509	06/21/2023 12:05	TBB
EPA 200.8	Beryllium	N	0.00114J	mg/kg	1	0.000200	0.00400	BGE2509	06/19/2023 12:10	TBB
EPA 200.8	Cadmium	N	0.0451	mg/kg	1	0.000632	0.0200	BGE2509	06/19/2023 12:10	TBB
EPA 200.8	Chromium	N	0.0218J	mg/kg	1	0.00147	0.0600	BGE2509	06/19/2023 12:10	TBB
EPA 200.8	Copper	N	1.21V	mg/kg	1	0.00174	0.0200	BGE2509	06/21/2023 12:05	TBB
SW-7471B	Mercury	A	<0.00469U	mg/kg	1	0.00469	0.00937	BGE3651	06/23/2023 14:31	AKR
EPA 200.8	Lead	N	0.0233V	mg/kg	1	0.00151	0.0100	BGE2509	06/21/2023 12:05	TBB
EPA 200.8	Nickel	N	0.303V	mg/kg	1	0.000354	0.0200	BGE2509	06/21/2023 12:05	TBB
EPA 200.8	Selenium	N	0.174	mg/kg	1	0.0220	0.0400	BGE2509	06/19/2023 12:10	TBB
EPA 200.8	Silver	N	0.0153	mg/kg	1	0.000142	0.0100	BGE2509	06/19/2023 12:10	TBB
EPA 200.8	Thallium	N	0.000420J	mg/kg	1	0.000138	0.0100	BGE2509	06/19/2023 12:10	TBB
EPA 200.8	Zinc	N	10.5V	mg/kg	5	0.0376	0.200	BGE2509	06/21/2023 12:08	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-51      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00160U	mg/kg	1	0.00160	0.0199	BGE2509	06/19/2023 12:12	TBB
EPA 200.8	Arsenic	N	1.39	mg/kg	1	0.00245	0.00996	BGE2509	06/21/2023 12:10	TBB
EPA 200.8	Beryllium	N	0.00108J	mg/kg	1	0.000199	0.00398	BGE2509	06/19/2023 12:12	TBB
EPA 200.8	Cadmium	N	0.0597	mg/kg	1	0.000629	0.0199	BGE2509	06/19/2023 12:12	TBB
EPA 200.8	Chromium	N	0.0492J	mg/kg	1	0.00146	0.0598	BGE2509	06/19/2023 12:12	TBB
EPA 200.8	Copper	N	1.26V	mg/kg	1	0.00173	0.0199	BGE2509	06/21/2023 12:10	TBB
SW-7471B	Mercury	A	<0.00480U	mg/kg	1	0.00480	0.00960	BGE3651	06/23/2023 14:35	AKR
EPA 200.8	Lead	N	0.0370V	mg/kg	1	0.00150	0.00996	BGE2509	06/21/2023 12:10	TBB
EPA 200.8	Nickel	N	0.356V	mg/kg	1	0.000353	0.0199	BGE2509	06/21/2023 12:10	TBB
EPA 200.8	Selenium	N	0.183	mg/kg	1	0.0219	0.0398	BGE2509	06/19/2023 12:12	TBB
EPA 200.8	Silver	N	0.0192	mg/kg	1	0.000141	0.00996	BGE2509	06/19/2023 12:12	TBB
EPA 200.8	Thallium	N	0.000598J	mg/kg	1	0.000137	0.00996	BGE2509	06/19/2023 12:12	TBB
EPA 200.8	Zinc	N	12.6V	mg/kg	5	0.0374	0.199	BGE2509	06/21/2023 12:13	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-52      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00160U	mg/kg	1	0.00160	0.0199	BGE2509	06/19/2023 12:15	TBB
EPA 200.8	Arsenic	N	1.41	mg/kg	1	0.00245	0.00996	BGE2509	06/21/2023 12:22	TBB
EPA 200.8	Beryllium	N	0.00159J	mg/kg	1	0.000199	0.00398	BGE2509	06/19/2023 12:15	TBB
EPA 200.8	Cadmium	N	0.0597	mg/kg	1	0.000629	0.0199	BGE2509	06/19/2023 12:15	TBB
EPA 200.8	Chromium	N	0.0392J	mg/kg	1	0.00146	0.0598	BGE2509	06/19/2023 12:15	TBB
EPA 200.8	Copper	N	1.28V	mg/kg	1	0.00173	0.0199	BGE2509	06/21/2023 12:22	TBB
SW-7471B	Mercury	A	<0.00492U	mg/kg	1	0.00492	0.00984	BGE3651	06/23/2023 14:38	AKR
EPA 200.8	Lead	N	0.0401V	mg/kg	1	0.00150	0.00996	BGE2509	06/21/2023 12:22	TBB
EPA 200.8	Nickel	N	0.391V	mg/kg	1	0.000353	0.0199	BGE2509	06/21/2023 12:22	TBB
EPA 200.8	Selenium	N	0.194	mg/kg	1	0.0219	0.0398	BGE2509	06/19/2023 12:15	TBB
EPA 200.8	Silver	N	0.0188	mg/kg	1	0.000141	0.00996	BGE2509	06/19/2023 12:15	TBB
EPA 200.8	Thallium	N	0.000498J	mg/kg	1	0.000137	0.00996	BGE2509	06/19/2023 12:15	TBB
EPA 200.8	Zinc	N	13.5V	mg/kg	5	0.0374	0.199	BGE2509	06/21/2023 12:25	TBB





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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-53      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
<b>Metals, Total</b>										
EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2509	06/19/2023 12:17	TBB
EPA 200.8	Arsenic	N	1.15	mg/kg	1	0.00246	0.0100	BGE2509	06/21/2023 12:27	TBB
EPA 200.8	Beryllium	N	0.00122J	mg/kg	1	0.000200	0.00400	BGE2509	06/19/2023 12:17	TBB
EPA 200.8	Cadmium	N	0.0449	mg/kg	1	0.000632	0.0200	BGE2509	06/19/2023 12:17	TBB
EPA 200.8	Chromium	N	0.0387J	mg/kg	1	0.00147	0.0600	BGE2509	06/19/2023 12:17	TBB
EPA 200.8	Copper	N	1.02V	mg/kg	1	0.00174	0.0200	BGE2509	06/21/2023 12:27	TBB
SW-7471B	Mercury	A	<0.00500U	mg/kg	1	0.00500	0.0100	BGE3651	06/23/2023 14:41	AKR
EPA 200.8	Lead	N	0.0379V	mg/kg	1	0.00151	0.0100	BGE2509	06/21/2023 12:27	TBB
EPA 200.8	Nickel	N	0.354V	mg/kg	1	0.000354	0.0200	BGE2509	06/21/2023 12:27	TBB
EPA 200.8	Selenium	N	0.151	mg/kg	1	0.0220	0.0400	BGE2509	06/19/2023 12:17	TBB
EPA 200.8	Silver	N	0.0162	mg/kg	1	0.000142	0.0100	BGE2509	06/19/2023 12:17	TBB
EPA 200.8	Thallium	N	0.000460J	mg/kg	1	0.000138	0.0100	BGE2509	06/19/2023 12:17	TBB
EPA 200.8	Zinc	N	11.6V	mg/kg	5	0.0376	0.200	BGE2509	06/21/2023 12:30	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-54      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00160U	mg/kg	1	0.00160	0.0198	BGE2509	06/19/2023 12:19	TBB
EPA 200.8	Arsenic	N	1.25	mg/kg	1	0.00244	0.00992	BGE2509	06/21/2023 12:32	TBB
EPA 200.8	Beryllium	N	0.00125J	mg/kg	1	0.000198	0.00397	BGE2509	06/19/2023 12:19	TBB
EPA 200.8	Cadmium	N	0.0495	mg/kg	1	0.000627	0.0198	BGE2509	06/19/2023 12:19	TBB
EPA 200.8	Chromium	N	0.0378J	mg/kg	1	0.00146	0.0595	BGE2509	06/19/2023 12:19	TBB
EPA 200.8	Copper	N	1.17V	mg/kg	1	0.00173	0.0198	BGE2509	06/21/2023 12:32	TBB
SW-7471B	Mercury	A	<0.00488U	mg/kg	1	0.00488	0.00976	BGE3651	06/23/2023 14:45	AKR
EPA 200.8	Lead	N	0.0407V	mg/kg	1	0.00150	0.00992	BGE2509	06/21/2023 12:32	TBB
EPA 200.8	Nickel	N	0.387V	mg/kg	1	0.000351	0.0198	BGE2509	06/21/2023 12:32	TBB
EPA 200.8	Selenium	N	0.166	mg/kg	1	0.0218	0.0397	BGE2509	06/19/2023 12:19	TBB
EPA 200.8	Silver	N	0.0166	mg/kg	1	0.000141	0.00992	BGE2509	06/19/2023 12:19	TBB
EPA 200.8	Thallium	N	0.000496J	mg/kg	1	0.000137	0.00992	BGE2509	06/19/2023 12:19	TBB
EPA 200.8	Zinc	N	11.7V	mg/kg	5	0.0373	0.198	BGE2509	06/21/2023 12:35	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 3-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-55      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00162U	mg/kg	1	0.00162	0.0201	BGE2509	06/19/2023 12:22	TBB
EPA 200.8	Arsenic	N	1.29	mg/kg	1	0.00247	0.0100	BGE2509	06/21/2023 12:37	TBB
EPA 200.8	Beryllium	N	0.000924J	mg/kg	1	0.000201	0.00402	BGE2509	06/19/2023 12:22	TBB
EPA 200.8	Cadmium	N	0.0509	mg/kg	1	0.000635	0.0201	BGE2509	06/19/2023 12:22	TBB
EPA 200.8	Chromium	N	0.0307J	mg/kg	1	0.00148	0.0602	BGE2509	06/19/2023 12:22	TBB
EPA 200.8	Copper	N	1.21V	mg/kg	1	0.00175	0.0201	BGE2509	06/21/2023 12:37	TBB
SW-7471B	Mercury	A	<0.00469U	mg/kg	1	0.00469	0.00937	BGE3651	06/23/2023 14:55	AKR
EPA 200.8	Lead	N	0.0405V	mg/kg	1	0.00152	0.0100	BGE2509	06/21/2023 12:37	TBB
EPA 200.8	Nickel	N	0.376V	mg/kg	1	0.000355	0.0201	BGE2509	06/21/2023 12:37	TBB
EPA 200.8	Selenium	N	0.174	mg/kg	1	0.0221	0.0402	BGE2509	06/19/2023 12:22	TBB
EPA 200.8	Silver	N	0.0166	mg/kg	1	0.000143	0.0100	BGE2509	06/19/2023 12:22	TBB
EPA 200.8	Thallium	N	0.000482J	mg/kg	1	0.000139	0.0100	BGE2509	06/19/2023 12:22	TBB
EPA 200.8	Zinc	N	12.5V	mg/kg	5	0.0377	0.201	BGE2509	06/21/2023 12:40	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-56      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2509	06/19/2023 12:24	TBB
EPA 200.8	Arsenic	N	1.18	mg/kg	1	0.00246	0.0100	BGE2509	06/21/2023 12:42	TBB
EPA 200.8	Beryllium	N	0.00134J	mg/kg	1	0.000200	0.00400	BGE2509	06/19/2023 12:24	TBB
EPA 200.8	Cadmium	N	0.0547	mg/kg	1	0.000632	0.0200	BGE2509	06/19/2023 12:24	TBB
EPA 200.8	Chromium	N	0.0394J	mg/kg	1	0.00147	0.0600	BGE2509	06/19/2023 12:24	TBB
EPA 200.8	Copper	N	1.27V	mg/kg	1	0.00174	0.0200	BGE2509	06/21/2023 12:42	TBB
SW-7471B	Mercury	A	<0.00469U	mg/kg	1	0.00469	0.00937	BGE3651	06/23/2023 14:58	AKR
EPA 200.8	Lead	N	0.0386V	mg/kg	1	0.00151	0.0100	BGE2509	06/21/2023 12:42	TBB
EPA 200.8	Nickel	N	0.519V	mg/kg	1	0.000354	0.0200	BGE2509	06/21/2023 12:42	TBB
EPA 200.8	Selenium	N	0.149	mg/kg	1	0.0220	0.0400	BGE2509	06/19/2023 12:24	TBB
EPA 200.8	Silver	N	0.0248	mg/kg	1	0.000142	0.0100	BGE2509	06/19/2023 12:24	TBB
EPA 200.8	Thallium	N	0.000540J	mg/kg	1	0.000138	0.0100	BGE2509	06/19/2023 12:24	TBB
EPA 200.8	Zinc	N	12.9V	mg/kg	5	0.0376	0.200	BGE2509	06/21/2023 12:45	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-57      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2509	06/19/2023 12:27	TBB
EPA 200.8	Arsenic	N	1.11	mg/kg	1	0.00246	0.0100	BGE2509	06/21/2023 12:54	TBB
EPA 200.8	Beryllium	N	0.00120J	mg/kg	1	0.000200	0.00400	BGE2509	06/19/2023 12:27	TBB
EPA 200.8	Cadmium	N	0.0459	mg/kg	1	0.000632	0.0200	BGE2509	06/19/2023 12:27	TBB
EPA 200.8	Chromium	N	0.0366J	mg/kg	1	0.00147	0.0600	BGE2509	06/19/2023 12:27	TBB
EPA 200.8	Copper	N	1.21V	mg/kg	1	0.00174	0.0200	BGE2509	06/21/2023 12:54	TBB
SW-7471B	Mercury	A	<0.00480U	mg/kg	1	0.00480	0.00960	BGE3651	06/23/2023 15:01	AKR
EPA 200.8	Lead	N	0.0358V	mg/kg	1	0.00151	0.0100	BGE2509	06/21/2023 12:54	TBB
EPA 200.8	Nickel	N	0.402V	mg/kg	1	0.000354	0.0200	BGE2509	06/21/2023 12:54	TBB
EPA 200.8	Selenium	N	0.154	mg/kg	1	0.0220	0.0400	BGE2509	06/19/2023 12:27	TBB
EPA 200.8	Silver	N	0.0182	mg/kg	1	0.000142	0.0100	BGE2509	06/19/2023 12:27	TBB
EPA 200.8	Thallium	N	0.000440J	mg/kg	1	0.000138	0.0100	BGE2509	06/19/2023 12:27	TBB
EPA 200.8	Zinc	N	11.5V	mg/kg	5	0.0376	0.200	BGE2509	06/21/2023 12:57	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-58      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2511	06/20/2023 09:31	TBB
EPA 200.8	Arsenic	N	1.14	mg/kg	1	0.00246	0.0100	BGE2511	06/22/2023 11:20	TBB
EPA 200.8	Beryllium	N	0.00144J	mg/kg	1	0.000200	0.00400	BGE2511	06/20/2023 09:31	TBB
EPA 200.8	Cadmium	N	0.0415	mg/kg	1	0.000632	0.0200	BGE2511	06/20/2023 09:31	TBB
EPA 200.8	Chromium	N	0.0328V, J	mg/kg	1	0.00147	0.0600	BGE2511	06/20/2023 09:31	TBB
EPA 200.8	Copper	N	1.20V	mg/kg	1	0.00174	0.0200	BGE2511	06/22/2023 11:20	TBB
SW-7471B	Mercury	A	<0.00476U	mg/kg	1	0.00476	0.00952	BGE3651	06/23/2023 14:18	AKR
EPA 200.8	Lead	N	0.0376	mg/kg	1	0.00151	0.0100	BGE2511	06/20/2023 09:31	TBB
EPA 200.8	Nickel	N	0.326V	mg/kg	1	0.000354	0.0200	BGE2511	06/22/2023 11:20	TBB
EPA 200.8	Selenium	N	0.133	mg/kg	1	0.0220	0.0400	BGE2511	06/20/2023 09:31	TBB
EPA 200.8	Silver	N	0.0151	mg/kg	1	0.000142	0.0100	BGE2511	06/20/2023 09:31	TBB
EPA 200.8	Thallium	N	0.000400J	mg/kg	1	0.000138	0.0100	BGE2511	06/20/2023 09:31	TBB
EPA 200.8	Zinc	N	9.48V	mg/kg	5	0.0376	0.200	BGE2511	06/20/2023 09:33	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-59      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00160U	mg/kg	1	0.00160	0.0198	BGE2511	06/20/2023 09:46	TBB
EPA 200.8	Arsenic	N	1.11	mg/kg	1	0.00244	0.00992	BGE2511	06/22/2023 14:32	TBB
EPA 200.8	Beryllium	N	0.00194J	mg/kg	1	0.000198	0.00397	BGE2511	06/23/2023 10:52	TBB
EPA 200.8	Cadmium	N	0.0526	mg/kg	1	0.000627	0.0198	BGE2511	06/20/2023 09:46	TBB
EPA 200.8	Chromium	N	0.0643V	mg/kg	1	0.00146	0.0595	BGE2511	06/20/2023 09:46	TBB
EPA 200.8	Copper	N	1.29V	mg/kg	1	0.00173	0.0198	BGE2511	06/22/2023 14:32	TBB
SW-7471B	Mercury	A	<0.00488U	mg/kg	1	0.00488	0.00976	BGE3651	06/23/2023 15:05	AKR
EPA 200.8	Lead	N	0.0398	mg/kg	1	0.00150	0.00992	BGE2511	06/20/2023 09:46	TBB
EPA 200.8	Nickel	N	0.417V	mg/kg	1	0.000351	0.0198	BGE2511	06/22/2023 14:32	TBB
EPA 200.8	Selenium	N	0.156	mg/kg	1	0.0218	0.0397	BGE2511	06/20/2023 09:46	TBB
EPA 200.8	Silver	N	0.0200	mg/kg	1	0.000141	0.00992	BGE2511	06/20/2023 09:46	TBB
EPA 200.8	Thallium	N	0.000595J	mg/kg	1	0.000137	0.00992	BGE2511	06/20/2023 09:46	TBB
EPA 200.8	Zinc	N	11.1V	mg/kg	5	0.0373	0.198	BGE2511	06/20/2023 09:55	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 4-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-60      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2511	06/20/2023 09:58	TBB
EPA 200.8	Arsenic	N	1.05	mg/kg	1	0.00246	0.0100	BGE2511	06/22/2023 14:37	TBB
EPA 200.8	Beryllium	N	0.00116J	mg/kg	1	0.000200	0.00400	BGE2511	06/23/2023 10:55	TBB
EPA 200.8	Cadmium	N	0.0410	mg/kg	1	0.000632	0.0200	BGE2511	06/20/2023 09:58	TBB
EPA 200.8	Chromium	N	0.0284V, J	mg/kg	1	0.00147	0.0600	BGE2511	06/20/2023 09:58	TBB
EPA 200.8	Copper	N	1.30V	mg/kg	1	0.00174	0.0200	BGE2511	06/22/2023 14:37	TBB
SW-7471B	Mercury	A	<0.00472U	mg/kg	1	0.00472	0.00945	BGE3651	06/23/2023 15:08	AKR
EPA 200.8	Lead	N	0.0442	mg/kg	1	0.00151	0.0100	BGE2511	06/20/2023 09:58	TBB
EPA 200.8	Nickel	N	0.257V	mg/kg	1	0.000354	0.0200	BGE2511	06/22/2023 14:37	TBB
EPA 200.8	Selenium	N	0.140	mg/kg	1	0.0220	0.0400	BGE2511	06/20/2023 09:58	TBB
EPA 200.8	Silver	N	0.0183	mg/kg	1	0.000142	0.0100	BGE2511	06/20/2023 09:58	TBB
EPA 200.8	Thallium	N	0.000380J	mg/kg	1	0.000138	0.0100	BGE2511	06/20/2023 09:58	TBB
EPA 200.8	Zinc	N	8.64V	mg/kg	5	0.0376	0.200	BGE2511	06/20/2023 10:00	TBB





Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 5-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-61      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2511	06/20/2023 10:03	TBB
EPA 200.8	Arsenic	N	1.18	mg/kg	1	0.00246	0.0100	BGE2511	06/22/2023 14:42	TBB
EPA 200.8	Beryllium	N	0.00132J	mg/kg	1	0.000200	0.00400	BGE2511	06/23/2023 10:57	TBB
EPA 200.8	Cadmium	N	0.0474	mg/kg	1	0.000632	0.0200	BGE2511	06/20/2023 10:03	TBB
EPA 200.8	Chromium	N	0.0621V	mg/kg	1	0.00147	0.0600	BGE2511	06/20/2023 10:03	TBB
EPA 200.8	Copper	N	1.44V	mg/kg	1	0.00174	0.0200	BGE2511	06/22/2023 14:42	TBB
SW-7471B	Mercury	A	<0.00469U	mg/kg	1	0.00469	0.00937	BGE3653	06/23/2023 15:38	AKR
EPA 200.8	Lead	N	0.0387	mg/kg	1	0.00151	0.0100	BGE2511	06/20/2023 10:03	TBB
EPA 200.8	Nickel	N	0.414V	mg/kg	1	0.000354	0.0200	BGE2511	06/22/2023 14:42	TBB
EPA 200.8	Selenium	N	0.174	mg/kg	1	0.0220	0.0400	BGE2511	06/20/2023 10:03	TBB
EPA 200.8	Silver	N	0.0206	mg/kg	1	0.000142	0.0100	BGE2511	06/20/2023 10:03	TBB
EPA 200.8	Thallium	N	0.000360J	mg/kg	1	0.000138	0.0100	BGE2511	06/20/2023 10:03	TBB
EPA 200.8	Zinc	N	12.0V	mg/kg	5	0.0376	0.200	BGE2511	06/20/2023 10:05	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 5-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-62      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2511	06/20/2023 10:08	TBB
EPA 200.8	Arsenic	N	1.30	mg/kg	1	0.00246	0.0100	BGE2511	06/22/2023 14:47	TBB
EPA 200.8	Beryllium	N	0.00130J	mg/kg	1	0.000200	0.00400	BGE2511	06/23/2023 10:59	TBB
EPA 200.8	Cadmium	N	0.0443	mg/kg	1	0.000632	0.0200	BGE2511	06/20/2023 10:08	TBB
EPA 200.8	Chromium	N	0.0296V, J	mg/kg	1	0.00147	0.0600	BGE2511	06/20/2023 10:08	TBB
EPA 200.8	Copper	N	1.28V	mg/kg	1	0.00174	0.0200	BGE2511	06/22/2023 14:47	TBB
SW-7471B	Mercury	A	<0.00492U	mg/kg	1	0.00492	0.00984	BGE3653	06/23/2023 15:42	AKR
EPA 200.8	Lead	N	0.0282	mg/kg	1	0.00151	0.0100	BGE2511	06/20/2023 10:08	TBB
EPA 200.8	Nickel	N	0.331V	mg/kg	1	0.000354	0.0200	BGE2511	06/22/2023 14:47	TBB
EPA 200.8	Selenium	N	0.172	mg/kg	1	0.0220	0.0400	BGE2511	06/20/2023 10:08	TBB
EPA 200.8	Silver	N	0.0167	mg/kg	1	0.000142	0.0100	BGE2511	06/20/2023 10:08	TBB
EPA 200.8	Thallium	N	0.000320J	mg/kg	1	0.000138	0.0100	BGE2511	06/20/2023 10:08	TBB
EPA 200.8	Zinc	N	11.5V	mg/kg	5	0.0376	0.200	BGE2511	06/20/2023 10:10	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 5-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-63      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00160U	mg/kg	1	0.00160	0.0199	BGE2511	06/20/2023 10:13	TBB
EPA 200.8	Arsenic	N	1.27	mg/kg	1	0.00245	0.00996	BGE2511	06/22/2023 14:52	TBB
EPA 200.8	Beryllium	N	0.00133J	mg/kg	1	0.000199	0.00398	BGE2511	06/23/2023 11:02	TBB
EPA 200.8	Cadmium	N	0.0500	mg/kg	1	0.000629	0.0199	BGE2511	06/20/2023 10:13	TBB
EPA 200.8	Chromium	N	0.0300V, J	mg/kg	1	0.00146	0.0598	BGE2511	06/20/2023 10:13	TBB
EPA 200.8	Copper	N	1.26V	mg/kg	1	0.00173	0.0199	BGE2511	06/22/2023 14:52	TBB
SW-7471B	Mercury	A	<0.00480U	mg/kg	1	0.00480	0.00960	BGE3653	06/23/2023 15:45	AKR
EPA 200.8	Lead	N	0.0327	mg/kg	1	0.00150	0.00996	BGE2511	06/20/2023 10:13	TBB
EPA 200.8	Nickel	N	0.336V	mg/kg	1	0.000353	0.0199	BGE2511	06/22/2023 14:52	TBB
EPA 200.8	Selenium	N	0.166	mg/kg	1	0.0219	0.0398	BGE2511	06/20/2023 10:13	TBB
EPA 200.8	Silver	N	0.0195	mg/kg	1	0.000141	0.00996	BGE2511	06/20/2023 10:13	TBB
EPA 200.8	Thallium	N	0.000299J	mg/kg	1	0.000137	0.00996	BGE2511	06/20/2023 10:13	TBB
EPA 200.8	Zinc	N	11.5V	mg/kg	5	0.0374	0.199	BGE2511	06/20/2023 10:15	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 5-4	Sample Matrix: Tissue
Lab Sample ID: 23E2845-64	Date Collected: 04/01/2023 13:00
Sample Alias:	Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00160U	mg/kg	1	0.00160	0.0198	BGE2511	06/20/2023 10:18	TBB
EPA 200.8	Arsenic	N	1.44	mg/kg	1	0.00244	0.00992	BGE2511	06/22/2023 15:04	TBB
EPA 200.8	Beryllium	N	0.00157J	mg/kg	1	0.000198	0.00397	BGE2511	06/23/2023 11:04	TBB
EPA 200.8	Cadmium	N	0.0463	mg/kg	1	0.000627	0.0198	BGE2511	06/20/2023 10:18	TBB
EPA 200.8	Chromium	N	0.0401V, J	mg/kg	1	0.00146	0.0595	BGE2511	06/20/2023 10:18	TBB
EPA 200.8	Copper	N	1.39V	mg/kg	1	0.00173	0.0198	BGE2511	06/22/2023 15:04	TBB
SW-7471B	Mercury	A	<0.00500U	mg/kg	1	0.00500	0.0100	BGE3653	06/23/2023 15:48	AKR
EPA 200.8	Lead	N	0.0397	mg/kg	1	0.00150	0.00992	BGE2511	06/20/2023 10:18	TBB
EPA 200.8	Nickel	N	0.344V	mg/kg	1	0.000351	0.0198	BGE2511	06/22/2023 15:04	TBB
EPA 200.8	Selenium	N	0.198	mg/kg	1	0.0218	0.0397	BGE2511	06/20/2023 10:18	TBB
EPA 200.8	Silver	N	0.0189	mg/kg	1	0.000141	0.00992	BGE2511	06/20/2023 10:18	TBB
EPA 200.8	Thallium	N	0.000337J	mg/kg	1	0.000137	0.00992	BGE2511	06/20/2023 10:18	TBB
EPA 200.8	Zinc	N	11.9V	mg/kg	5	0.0373	0.198	BGE2511	06/20/2023 10:28	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 5-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-65      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2511	06/20/2023 10:30	TBB
EPA 200.8	Arsenic	N	1.40	mg/kg	1	0.00246	0.0100	BGE2511	06/22/2023 15:09	TBB
EPA 200.8	Beryllium	N	0.00122J	mg/kg	1	0.000200	0.00400	BGE2511	06/23/2023 11:07	TBB
EPA 200.8	Cadmium	N	0.0469	mg/kg	1	0.000632	0.0200	BGE2511	06/20/2023 10:30	TBB
EPA 200.8	Chromium	N	0.0298V, J	mg/kg	1	0.00147	0.0600	BGE2511	06/20/2023 10:30	TBB
EPA 200.8	Copper	N	1.30V	mg/kg	1	0.00174	0.0200	BGE2511	06/22/2023 15:09	TBB
SW-7471B	Mercury	A	<0.00480U	mg/kg	1	0.00480	0.00960	BGE3653	06/23/2023 15:28	AKR
EPA 200.8	Lead	N	0.0375	mg/kg	1	0.00151	0.0100	BGE2511	06/20/2023 10:30	TBB
EPA 200.8	Nickel	N	0.318V	mg/kg	1	0.000354	0.0200	BGE2511	06/22/2023 15:09	TBB
EPA 200.8	Selenium	N	0.184	mg/kg	1	0.0220	0.0400	BGE2511	06/20/2023 10:30	TBB
EPA 200.8	Silver	N	0.0200	mg/kg	1	0.000142	0.0100	BGE2511	06/20/2023 10:30	TBB
EPA 200.8	Thallium	N	0.000360J	mg/kg	1	0.000138	0.0100	BGE2511	06/20/2023 10:30	TBB
EPA 200.8	Zinc	N	11.6V	mg/kg	5	0.0376	0.200	BGE2511	06/20/2023 10:33	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 6-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-66      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2511	06/20/2023 10:35	TBB
EPA 200.8	Arsenic	N	1.40	mg/kg	1	0.00246	0.0100	BGE2511	06/22/2023 15:14	TBB
EPA 200.8	Beryllium	N	0.00154J	mg/kg	1	0.000200	0.00400	BGE2511	06/23/2023 11:09	TBB
EPA 200.8	Cadmium	N	0.0484	mg/kg	1	0.000632	0.0200	BGE2511	06/20/2023 10:35	TBB
EPA 200.8	Chromium	N	0.0369V, J	mg/kg	1	0.00147	0.0600	BGE2511	06/20/2023 10:35	TBB
EPA 200.8	Copper	N	1.36V	mg/kg	1	0.00174	0.0200	BGE2511	06/22/2023 15:14	TBB
SW-7471B	Mercury	A	<0.00480U	mg/kg	1	0.00480	0.00960	BGE3653	06/23/2023 15:52	AKR
EPA 200.8	Lead	N	0.0404	mg/kg	1	0.00151	0.0100	BGE2511	06/20/2023 10:35	TBB
EPA 200.8	Nickel	N	0.372V	mg/kg	1	0.000354	0.0200	BGE2511	06/22/2023 15:14	TBB
EPA 200.8	Selenium	N	0.177	mg/kg	1	0.0220	0.0400	BGE2511	06/20/2023 10:35	TBB
EPA 200.8	Silver	N	0.0260	mg/kg	1	0.000142	0.0100	BGE2511	06/20/2023 10:35	TBB
EPA 200.8	Thallium	N	0.000620J	mg/kg	1	0.000138	0.0100	BGE2511	06/20/2023 10:35	TBB
EPA 200.8	Zinc	N	11.9V	mg/kg	5	0.0376	0.200	BGE2511	06/20/2023 10:38	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 6-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-67      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00160U	mg/kg	1	0.00160	0.0199	BGE2511	06/20/2023 10:40	TBB
EPA 200.8	Arsenic	N	1.32	mg/kg	1	0.00245	0.00996	BGE2511	06/22/2023 15:19	TBB
EPA 200.8	Beryllium	N	0.00173J	mg/kg	1	0.000199	0.00398	BGE2511	06/23/2023 11:12	TBB
EPA 200.8	Cadmium	N	0.0554	mg/kg	1	0.000629	0.0199	BGE2511	06/20/2023 10:40	TBB
EPA 200.8	Chromium	N	0.0593V, J	mg/kg	1	0.00146	0.0598	BGE2511	06/20/2023 10:40	TBB
EPA 200.8	Copper	N	1.23V	mg/kg	1	0.00173	0.0199	BGE2511	06/22/2023 15:19	TBB
SW-7471B	Mercury	A	<0.00469U	mg/kg	1	0.00469	0.00937	BGE3653	06/23/2023 15:55	AKR
EPA 200.8	Lead	N	0.0480	mg/kg	1	0.00150	0.00996	BGE2511	06/20/2023 10:40	TBB
EPA 200.8	Nickel	N	0.369V	mg/kg	1	0.000353	0.0199	BGE2511	06/22/2023 15:19	TBB
EPA 200.8	Selenium	N	0.175	mg/kg	1	0.0219	0.0398	BGE2511	06/20/2023 10:40	TBB
EPA 200.8	Silver	N	0.0238	mg/kg	1	0.000141	0.00996	BGE2511	06/20/2023 10:40	TBB
EPA 200.8	Thallium	N	0.000598J	mg/kg	1	0.000137	0.00996	BGE2511	06/20/2023 10:40	TBB
EPA 200.8	Zinc	N	11.8V	mg/kg	5	0.0374	0.199	BGE2511	06/20/2023 10:43	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 6-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-68      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00160U	mg/kg	1	0.00160	0.0198	BGE2511	06/20/2023 10:45	TBB
EPA 200.8	Arsenic	N	1.23	mg/kg	1	0.00244	0.00992	BGE2511	06/22/2023 15:23	TBB
EPA 200.8	Beryllium	N	0.00139J	mg/kg	1	0.000198	0.00397	BGE2511	06/23/2023 11:14	TBB
EPA 200.8	Cadmium	N	0.0542	mg/kg	1	0.000627	0.0198	BGE2511	06/20/2023 10:45	TBB
EPA 200.8	Chromium	N	0.0338V, J	mg/kg	1	0.00146	0.0595	BGE2511	06/20/2023 10:45	TBB
EPA 200.8	Copper	N	1.31V	mg/kg	1	0.00173	0.0198	BGE2511	06/22/2023 15:23	TBB
SW-7471B	Mercury	A	<0.00496U	mg/kg	1	0.00496	0.00992	BGE3653	06/23/2023 16:05	AKR
EPA 200.8	Lead	N	0.0516	mg/kg	1	0.00150	0.00992	BGE2511	06/20/2023 10:45	TBB
EPA 200.8	Nickel	N	0.429V	mg/kg	1	0.000351	0.0198	BGE2511	06/22/2023 15:23	TBB
EPA 200.8	Selenium	N	0.168	mg/kg	1	0.0218	0.0397	BGE2511	06/20/2023 10:45	TBB
EPA 200.8	Silver	N	0.0231	mg/kg	1	0.000141	0.00992	BGE2511	06/20/2023 10:45	TBB
EPA 200.8	Thallium	N	0.000575J	mg/kg	1	0.000137	0.00992	BGE2511	06/20/2023 10:45	TBB
EPA 200.8	Zinc	N	11.7V	mg/kg	5	0.0373	0.198	BGE2511	06/20/2023 10:48	TBB





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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 6-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-69      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00805U	mg/kg	5	0.00805	0.100	BGE2511	06/20/2023 11:10	TBB
EPA 200.8	Arsenic	N	1.22	mg/kg	1	0.00246	0.0100	BGE2511	06/22/2023 15:45	TBB
EPA 200.8	Beryllium	N	0.00112J	mg/kg	1	0.000200	0.00400	BGE2511	06/23/2023 13:59	TBB
EPA 200.8	Cadmium	N	0.0517J	mg/kg	5	0.00316	0.100	BGE2511	06/20/2023 11:10	TBB
EPA 200.8	Chromium	N	0.0287V, J	mg/kg	5	0.00735	0.300	BGE2511	06/20/2023 11:10	TBB
EPA 200.8	Copper	N	1.16V	mg/kg	1	0.00174	0.0200	BGE2511	06/22/2023 15:45	TBB
SW-7471B	Mercury	A	<0.00469U	mg/kg	1	0.00469	0.00937	BGE3653	06/23/2023 16:18	AKR
EPA 200.8	Lead	N	0.0416J	mg/kg	5	0.00755	0.0500	BGE2511	06/20/2023 11:10	TBB
EPA 200.8	Nickel	N	0.372V	mg/kg	1	0.000354	0.0200	BGE2511	06/22/2023 15:45	TBB
EPA 200.8	Selenium	N	0.116J	mg/kg	5	0.110	0.200	BGE2511	06/20/2023 11:10	TBB
EPA 200.8	Silver	N	0.0190J	mg/kg	5	0.000710	0.0500	BGE2511	06/20/2023 11:10	TBB
EPA 200.8	Thallium	N	<0.000690U	mg/kg	5	0.000690	0.0500	BGE2511	06/20/2023 11:10	TBB
EPA 200.8	Zinc	N	10.9V	mg/kg	5	0.0376	0.200	BGE2511	06/20/2023 11:10	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 6-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-70      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00162U	mg/kg	1	0.00162	0.0201	BGE2511	06/20/2023 11:12	TBB
EPA 200.8	Arsenic	N	1.23	mg/kg	1	0.00247	0.0100	BGE2511	06/22/2023 15:50	TBB
EPA 200.8	Beryllium	N	0.00135J	mg/kg	1	0.000201	0.00402	BGE2511	06/23/2023 14:01	TBB
EPA 200.8	Cadmium	N	0.0517	mg/kg	1	0.000635	0.0201	BGE2511	06/20/2023 11:12	TBB
EPA 200.8	Chromium	N	0.0322V, J	mg/kg	1	0.00148	0.0602	BGE2511	06/20/2023 11:12	TBB
EPA 200.8	Copper	N	1.21V	mg/kg	1	0.00175	0.0201	BGE2511	06/22/2023 15:50	TBB
SW-7471B	Mercury	A	<0.00480U	mg/kg	1	0.00480	0.00960	BGE3653	06/23/2023 16:21	AKR
EPA 200.8	Lead	N	0.0319	mg/kg	1	0.00152	0.0100	BGE2511	06/20/2023 11:12	TBB
EPA 200.8	Nickel	N	0.380V	mg/kg	1	0.000355	0.0201	BGE2511	06/22/2023 15:50	TBB
EPA 200.8	Selenium	N	0.161	mg/kg	1	0.0221	0.0402	BGE2511	06/20/2023 11:12	TBB
EPA 200.8	Silver	N	0.0191	mg/kg	1	0.000143	0.0100	BGE2511	06/20/2023 11:12	TBB
EPA 200.8	Thallium	N	0.000462J	mg/kg	1	0.000139	0.0100	BGE2511	06/20/2023 11:12	TBB
EPA 200.8	Zinc	N	11.2V	mg/kg	5	0.0377	0.201	BGE2511	06/20/2023 11:15	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 7-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-71      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2511	06/20/2023 11:17	TBB
EPA 200.8	Arsenic	N	1.02	mg/kg	1	0.00246	0.0100	BGE2511	06/22/2023 15:55	TBB
EPA 200.8	Beryllium	N	0.00126J	mg/kg	1	0.000200	0.00400	BGE2511	06/23/2023 14:04	TBB
EPA 200.8	Cadmium	N	0.0502	mg/kg	1	0.000632	0.0200	BGE2511	06/20/2023 11:17	TBB
EPA 200.8	Chromium	N	0.0626V	mg/kg	1	0.00147	0.0600	BGE2511	06/20/2023 11:17	TBB
EPA 200.8	Copper	N	1.05V	mg/kg	1	0.00174	0.0200	BGE2511	06/22/2023 15:55	TBB
SW-7471B	Mercury	A	<0.00476U	mg/kg	1	0.00476	0.00952	BGE3653	06/23/2023 16:25	AKR
EPA 200.8	Lead	N	0.0356	mg/kg	1	0.00151	0.0100	BGE2511	06/20/2023 11:17	TBB
EPA 200.8	Nickel	N	0.328V	mg/kg	1	0.000354	0.0200	BGE2511	06/22/2023 15:55	TBB
EPA 200.8	Selenium	N	0.131	mg/kg	1	0.0220	0.0400	BGE2511	06/20/2023 11:17	TBB
EPA 200.8	Silver	N	0.0171	mg/kg	1	0.000142	0.0100	BGE2511	06/20/2023 11:17	TBB
EPA 200.8	Thallium	N	0.000240J	mg/kg	1	0.000138	0.0100	BGE2511	06/20/2023 11:17	TBB
EPA 200.8	Zinc	N	10.0V	mg/kg	5	0.0376	0.200	BGE2511	06/20/2023 11:20	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 7-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-72      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00159U	mg/kg	1	0.00159	0.0198	BGE2511	06/20/2023 11:22	TBB
EPA 200.8	Arsenic	N	1.40	mg/kg	1	0.00243	0.00988	BGE2511	06/22/2023 16:07	TBB
EPA 200.8	Beryllium	N	0.00125J	mg/kg	1	0.000198	0.00395	BGE2511	06/23/2023 14:06	TBB
EPA 200.8	Cadmium	N	0.0541	mg/kg	1	0.000625	0.0198	BGE2511	06/20/2023 11:22	TBB
EPA 200.8	Chromium	N	0.0460V, J	mg/kg	1	0.00145	0.0593	BGE2511	06/20/2023 11:22	TBB
EPA 200.8	Copper	N	1.22V	mg/kg	1	0.00172	0.0198	BGE2511	06/22/2023 16:07	TBB
SW-7471B	Mercury	A	<0.00472U	mg/kg	1	0.00472	0.00945	BGE3653	06/23/2023 16:28	AKR
EPA 200.8	Lead	N	0.0448	mg/kg	1	0.00149	0.00988	BGE2511	06/20/2023 11:22	TBB
EPA 200.8	Nickel	N	0.397V	mg/kg	1	0.000350	0.0198	BGE2511	06/22/2023 16:07	TBB
EPA 200.8	Selenium	N	0.183	mg/kg	1	0.0217	0.0395	BGE2511	06/20/2023 11:22	TBB
EPA 200.8	Silver	N	0.0179	mg/kg	1	0.000140	0.00988	BGE2511	06/20/2023 11:22	TBB
EPA 200.8	Thallium	N	0.000356J	mg/kg	1	0.000136	0.00988	BGE2511	06/20/2023 11:22	TBB
EPA 200.8	Zinc	N	13.2V	mg/kg	5	0.0371	0.198	BGE2511	06/20/2023 11:32	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 7-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-73      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2511	06/20/2023 11:34	TBB
EPA 200.8	Arsenic	N	1.34	mg/kg	1	0.00246	0.0100	BGE2511	06/22/2023 16:12	TBB
EPA 200.8	Beryllium	N	0.00126J	mg/kg	1	0.000200	0.00400	BGE2511	06/23/2023 14:08	TBB
EPA 200.8	Cadmium	N	0.0487	mg/kg	1	0.000632	0.0200	BGE2511	06/20/2023 11:34	TBB
EPA 200.8	Chromium	N	0.0271V, J	mg/kg	1	0.00147	0.0600	BGE2511	06/20/2023 11:34	TBB
EPA 200.8	Copper	N	1.23V	mg/kg	1	0.00174	0.0200	BGE2511	06/22/2023 16:12	TBB
SW-7471B	Mercury	A	<0.00488U	mg/kg	1	0.00488	0.00976	BGE3653	06/23/2023 16:31	AKR
EPA 200.8	Lead	N	0.0396	mg/kg	1	0.00151	0.0100	BGE2511	06/20/2023 11:34	TBB
EPA 200.8	Nickel	N	0.347V	mg/kg	1	0.000354	0.0200	BGE2511	06/22/2023 16:12	TBB
EPA 200.8	Selenium	N	0.170	mg/kg	1	0.0220	0.0400	BGE2511	06/20/2023 11:34	TBB
EPA 200.8	Silver	N	0.0181	mg/kg	1	0.000142	0.0100	BGE2511	06/20/2023 11:34	TBB
EPA 200.8	Thallium	N	0.000320J	mg/kg	1	0.000138	0.0100	BGE2511	06/20/2023 11:34	TBB
EPA 200.8	Zinc	N	11.8V	mg/kg	5	0.0376	0.200	BGE2511	06/20/2023 11:37	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 7-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-74      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
<b>Metals, Total</b>										
EPA 200.8	Antimony	N	<0.00160U	mg/kg	1	0.00160	0.0199	BGE2511	06/20/2023 11:39	TBB
EPA 200.8	Arsenic	N	1.21	mg/kg	1	0.00245	0.00996	BGE2511	06/22/2023 16:17	TBB
EPA 200.8	Beryllium	N	0.00163J	mg/kg	1	0.000199	0.00398	BGE2511	06/23/2023 14:11	TBB
EPA 200.8	Cadmium	N	0.0495	mg/kg	1	0.000629	0.0199	BGE2511	06/20/2023 11:39	TBB
EPA 200.8	Chromium	N	0.0272V, J	mg/kg	1	0.00146	0.0598	BGE2511	06/20/2023 11:39	TBB
EPA 200.8	Copper	N	1.17V	mg/kg	1	0.00173	0.0199	BGE2511	06/22/2023 16:17	TBB
SW-7471B	Mercury	A	<0.00496U	mg/kg	1	0.00496	0.00992	BGE3653	06/23/2023 16:41	AKR
EPA 200.8	Lead	N	0.0404	mg/kg	1	0.00150	0.00996	BGE2511	06/20/2023 11:39	TBB
EPA 200.8	Nickel	N	0.314V	mg/kg	1	0.000353	0.0199	BGE2511	06/22/2023 16:17	TBB
EPA 200.8	Selenium	N	0.149	mg/kg	1	0.0219	0.0398	BGE2511	06/20/2023 11:39	TBB
EPA 200.8	Silver	N	0.0182	mg/kg	1	0.000141	0.00996	BGE2511	06/20/2023 11:39	TBB
EPA 200.8	Thallium	N	0.000339J	mg/kg	1	0.000137	0.00996	BGE2511	06/20/2023 11:39	TBB
EPA 200.8	Zinc	N	11.5V	mg/kg	5	0.0374	0.199	BGE2511	06/20/2023 11:42	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 7-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-75      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2511	06/20/2023 11:44	TBB
EPA 200.8	Arsenic	N	1.13	mg/kg	1	0.00246	0.0100	BGE2511	06/22/2023 16:22	TBB
EPA 200.8	Beryllium	N	0.00126J	mg/kg	1	0.000200	0.00400	BGE2511	06/23/2023 14:13	TBB
EPA 200.8	Cadmium	N	0.0511	mg/kg	1	0.000632	0.0200	BGE2511	06/20/2023 11:44	TBB
EPA 200.8	Chromium	N	0.0332V, J	mg/kg	1	0.00147	0.0600	BGE2511	06/20/2023 11:44	TBB
EPA 200.8	Copper	N	1.05V	mg/kg	1	0.00174	0.0200	BGE2511	06/22/2023 16:22	TBB
SW-7471B	Mercury	A	<0.00496U	mg/kg	1	0.00496	0.00992	BGE3653	06/23/2023 16:08	AKR
EPA 200.8	Lead	N	0.0429	mg/kg	1	0.00151	0.0100	BGE2511	06/20/2023 11:44	TBB
EPA 200.8	Nickel	N	0.345V	mg/kg	1	0.000354	0.0200	BGE2511	06/22/2023 16:22	TBB
EPA 200.8	Selenium	N	0.147	mg/kg	1	0.0220	0.0400	BGE2511	06/20/2023 11:44	TBB
EPA 200.8	Silver	N	0.0212	mg/kg	1	0.000142	0.0100	BGE2511	06/20/2023 11:44	TBB
EPA 200.8	Thallium	N	0.000300J	mg/kg	1	0.000138	0.0100	BGE2511	06/20/2023 11:44	TBB
EPA 200.8	Zinc	N	12.1V	mg/kg	5	0.0376	0.200	BGE2511	06/20/2023 11:47	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 8-1      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-76      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2511	06/20/2023 11:49	TBB
EPA 200.8	Arsenic	N	1.17	mg/kg	1	0.00246	0.0100	BGE2511	06/22/2023 16:27	TBB
EPA 200.8	Beryllium	N	0.00110J	mg/kg	1	0.000200	0.00400	BGE2511	06/23/2023 14:16	TBB
EPA 200.8	Cadmium	N	0.0515	mg/kg	1	0.000632	0.0200	BGE2511	06/20/2023 11:49	TBB
EPA 200.8	Chromium	N	0.0416V, J	mg/kg	1	0.00147	0.0600	BGE2511	06/20/2023 11:49	TBB
EPA 200.8	Copper	N	1.76V	mg/kg	1	0.00174	0.0200	BGE2511	06/22/2023 16:27	TBB
SW-7471B	Mercury	A	<0.00488U	mg/kg	1	0.00488	0.00976	BGE3653	06/23/2023 16:45	AKR
EPA 200.8	Lead	N	0.0502	mg/kg	1	0.00151	0.0100	BGE2511	06/20/2023 11:49	TBB
EPA 200.8	Nickel	N	0.319V	mg/kg	1	0.000354	0.0200	BGE2511	06/23/2023 11:52	TBB
EPA 200.8	Selenium	N	0.158	mg/kg	1	0.0220	0.0400	BGE2511	06/20/2023 11:49	TBB
EPA 200.8	Silver	N	0.0256	mg/kg	1	0.000142	0.0100	BGE2511	06/20/2023 11:49	TBB
EPA 200.8	Thallium	N	0.000360J	mg/kg	1	0.000138	0.0100	BGE2511	06/20/2023 11:49	TBB
EPA 200.8	Zinc	N	11.0V	mg/kg	5	0.0376	0.200	BGE2511	06/20/2023 11:52	TBB





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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 8-2      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-77      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2512	06/18/2023 13:26	TBB
EPA 200.8	Arsenic	N	1.50	mg/kg	1	0.00246	0.0100	BGE2512	06/18/2023 13:26	TBB
EPA 200.8	Beryllium	N	0.00166J	mg/kg	1	0.000200	0.00400	BGE2512	06/19/2023 12:44	TBB
EPA 200.8	Cadmium	N	0.0554	mg/kg	1	0.000632	0.0200	BGE2512	06/18/2023 13:26	TBB
EPA 200.8	Chromium	N	0.0512V, J	mg/kg	1	0.00147	0.0600	BGE2512	06/18/2023 13:26	TBB
EPA 200.8	Copper	N	1.48V	mg/kg	1	0.00174	0.0200	BGE2512	06/21/2023 13:06	TBB
SW-7471B	Mercury	A	<0.00488U	mg/kg	1	0.00488	0.00976	BGE3653	06/23/2023 16:48	AKR
EPA 200.8	Lead	N	0.0520	mg/kg	1	0.00151	0.0100	BGE2512	06/18/2023 13:26	TBB
EPA 200.8	Nickel	N	0.353V	mg/kg	1	0.000354	0.0200	BGE2512	06/21/2023 13:06	TBB
EPA 200.8	Selenium	N	0.186	mg/kg	1	0.0220	0.0400	BGE2512	06/18/2023 13:26	TBB
EPA 200.8	Silver	N	0.0179	mg/kg	1	0.000142	0.0100	BGE2512	06/19/2023 12:44	TBB
EPA 200.8	Thallium	N	0.000520J	mg/kg	1	0.000138	0.0100	BGE2512	06/18/2023 13:26	TBB
EPA 200.8	Zinc	N	12.1V	mg/kg	5	0.0376	0.200	BGE2512	06/18/2023 13:29	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 8-3      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-78      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	0.00187J	mg/kg	1	0.00162	0.0201	BGE2512	06/18/2023 13:49	TBB
EPA 200.8	Arsenic	N	1.29	mg/kg	1	0.00247	0.0100	BGE2512	06/18/2023 13:49	TBB
EPA 200.8	Beryllium	N	0.00135J	mg/kg	1	0.000201	0.00402	BGE2512	06/19/2023 12:51	TBB
EPA 200.8	Cadmium	N	0.0584	mg/kg	1	0.000635	0.0201	BGE2512	06/18/2023 13:49	TBB
EPA 200.8	Chromium	N	0.0585V, J	mg/kg	1	0.00148	0.0602	BGE2512	06/18/2023 13:49	TBB
EPA 200.8	Copper	N	1.43V	mg/kg	1	0.00175	0.0201	BGE2512	06/21/2023 13:26	TBB
SW-7471B	Mercury	A	<0.00488U	mg/kg	1	0.00488	0.00976	BGE3653	06/23/2023 16:51	AKR
EPA 200.8	Lead	N	0.0547	mg/kg	1	0.00152	0.0100	BGE2512	06/18/2023 13:49	TBB
EPA 200.8	Nickel	N	0.419V	mg/kg	1	0.000355	0.0201	BGE2512	06/21/2023 13:26	TBB
EPA 200.8	Selenium	N	0.176	mg/kg	1	0.0221	0.0402	BGE2512	06/18/2023 13:49	TBB
EPA 200.8	Silver	N	0.0257	mg/kg	1	0.000143	0.0100	BGE2512	06/19/2023 12:51	TBB
EPA 200.8	Thallium	N	0.000663J	mg/kg	1	0.000139	0.0100	BGE2512	06/18/2023 13:49	TBB
EPA 200.8	Zinc	N	12.7V	mg/kg	5	0.0377	0.201	BGE2512	06/18/2023 13:51	TBB



Terracon_Houston 11555 Clay Road Houston, TX 77043	Project: PCCA HI TISSUE CHEM Project Number: Project Manager: Gregg Pawlak	<b>Reported:</b> 07/07/2023 09:31
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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 8-4      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-79      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2512	06/18/2023 13:53	TBB
EPA 200.8	Arsenic	N	1.37	mg/kg	1	0.00246	0.0100	BGE2512	06/18/2023 13:53	TBB
EPA 200.8	Beryllium	N	0.00174J	mg/kg	1	0.000200	0.00400	BGE2512	06/19/2023 12:53	TBB
EPA 200.8	Cadmium	N	0.0581	mg/kg	1	0.000632	0.0200	BGE2512	06/18/2023 13:53	TBB
EPA 200.8	Chromium	N	0.0412V, J	mg/kg	1	0.00147	0.0600	BGE2512	06/18/2023 13:53	TBB
EPA 200.8	Copper	N	1.82V	mg/kg	1	0.00174	0.0200	BGE2512	06/21/2023 13:28	TBB
SW-7471B	Mercury	A	<0.00492U	mg/kg	1	0.00492	0.00984	BGE3653	06/23/2023 16:54	AKR
EPA 200.8	Lead	N	0.0442	mg/kg	1	0.00151	0.0100	BGE2512	06/18/2023 13:53	TBB
EPA 200.8	Nickel	N	0.451V	mg/kg	1	0.000354	0.0200	BGE2512	06/21/2023 13:28	TBB
EPA 200.8	Selenium	N	0.153	mg/kg	1	0.0220	0.0400	BGE2512	06/18/2023 13:53	TBB
EPA 200.8	Silver	N	0.0205	mg/kg	1	0.000142	0.0100	BGE2512	06/19/2023 12:53	TBB
EPA 200.8	Thallium	N	0.000460J	mg/kg	1	0.000138	0.0100	BGE2512	06/18/2023 13:53	TBB
EPA 200.8	Zinc	N	11.3V	mg/kg	5	0.0376	0.200	BGE2512	06/18/2023 13:56	TBB



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**Sample Results**  
(Continued)

Client Sample ID: NV-HI-DMMU 8-5      Sample Matrix: Tissue  
 Lab Sample ID: 23E2845-80      Date Collected: 04/01/2023 13:00  
 Sample Alias:      Collected by: Theran Gay

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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**Metals, Total**

EPA 200.8	Antimony	N	<0.00161U	mg/kg	1	0.00161	0.0200	BGE2512	06/18/2023 13:58	TBB
EPA 200.8	Arsenic	N	<0.00246U	mg/kg	1	0.00246	0.0100	BGE2512	06/18/2023 13:58	TBB
EPA 200.8	Beryllium	N	0.00106J	mg/kg	1	0.000200	0.00400	BGE2512	06/19/2023 12:56	TBB
EPA 200.8	Cadmium	N	<0.000632U	mg/kg	1	0.000632	0.0200	BGE2512	06/18/2023 13:58	TBB
EPA 200.8	Chromium	N	<0.00147B, U	mg/kg	1	0.00147	0.0600	BGE2512	06/18/2023 13:58	TBB
EPA 200.8	Copper	N	1.26V	mg/kg	1	0.00174	0.0200	BGE2512	06/21/2023 13:31	TBB
SW-7471B	Mercury	A	<0.00472U	mg/kg	1	0.00472	0.00945	BGE3653	06/23/2023 16:58	AKR
EPA 200.8	Lead	N	<0.00151U	mg/kg	1	0.00151	0.0100	BGE2512	06/18/2023 13:58	TBB
EPA 200.8	Nickel	N	0.337V	mg/kg	1	0.000354	0.0200	BGE2512	06/21/2023 13:31	TBB
EPA 200.8	Selenium	N	<0.0220U	mg/kg	1	0.0220	0.0400	BGE2512	06/18/2023 13:58	TBB
EPA 200.8	Silver	N	0.0151	mg/kg	1	0.000142	0.0100	BGE2512	06/19/2023 12:56	TBB
EPA 200.8	Thallium	N	0.000140J	mg/kg	1	0.000138	0.0100	BGE2512	06/18/2023 13:58	TBB
EPA 200.8	Zinc	N	<0.00751B, U	mg/kg	1	0.00751	0.0400	BGE2512	06/18/2023 13:58	TBB

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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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### Quality Control

#### Metals, Total

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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#### Batch: BGE2501 - EPA 200.3

##### Blank (BGE2501-BLK1)

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	<0.0973	U	0.0973	mg/kg						
Arsenic	<0.0486	U	0.0486	mg/kg						
Cadmium	<0.0973	U	0.0973	mg/kg						
Chromium	0.0255	J	0.292	mg/kg						
Copper	0.0588	J	0.0973	mg/kg						
Lead	<0.0486	U	0.0486	mg/kg						
Nickel	0.00467	J	0.0973	mg/kg						
Selenium	<0.195	U	0.195	mg/kg						
Thallium	<0.0486	U	0.0486	mg/kg						
Zinc	0.158	J	0.195	mg/kg						

##### Blank (BGE2501-BLK2)

Prepared: 5/16/2023 Analyzed: 6/19/2023

Cadmium	<0.0973	U	0.0973	mg/kg						
Chromium	0.0274	J	0.292	mg/kg						
Lead	<0.0486	U	0.0486	mg/kg						
Selenium	<0.195	U	0.195	mg/kg						
Thallium	<0.0486	U	0.0486	mg/kg						

##### Blank (BGE2501-BLK3)

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	<0.0195	U	0.0195	mg/kg						
Silver	<0.0486	U	0.0486	mg/kg						

##### LCS (BGE2501-BS1)

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	10.4		0.0996	mg/kg	9.96		105	85-115		
Arsenic	5.16		0.0498	mg/kg	4.98		104	85-115		
Cadmium	10.2		0.0996	mg/kg	9.96		103	85-115		
Chromium	30.3		0.299	mg/kg	29.9		102	85-115		
Copper	10.6		0.0996	mg/kg	9.96		107	85-115		
Lead	5.20		0.0498	mg/kg	4.98		104	85-115		
Nickel	10.1		0.0996	mg/kg	9.96		102	85-115		
Selenium	20.7		0.199	mg/kg	19.9		104	85-115		
Thallium	5.05		0.0498	mg/kg	4.98		101	85-115		
Zinc	21.0		0.199	mg/kg	19.9		105	85-115		

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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2501 - EPA 200.3 (Continued)**

**LCS (BGE2501-BS2)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	10.3		0.0996	mg/kg	9.96		104	85-115		
Cadmium	10.3		0.0996	mg/kg	9.96		103	85-115		
Chromium	30.6		0.299	mg/kg	29.9		103	85-115		
Selenium	21.6		0.199	mg/kg	19.9		108	85-115		
Thallium	5.18		0.0498	mg/kg	4.98		104	85-115		

**LCS (BGE2501-BS3)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	1.98		0.0199	mg/kg	1.99		99.4	85-115		
Silver	3.52	J1	0.0498	mg/kg	4.98		70.6	85-115		

**Duplicate (BGE2501-DUP1)**

Source: 23E2845-01

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	0.00260	J	0.0200	mg/kg		0.00236		9.68	20
Arsenic	2.45		0.0500	mg/kg		2.40		2.30	20
Cadmium	0.0320		0.0200	mg/kg		0.0304		5.25	20
Chromium	0.0448	J	0.0600	mg/kg		0.0451		0.757	20
Copper	1.12		0.0200	mg/kg		1.15		2.20	20
Lead	0.0814		0.0100	mg/kg		0.0762		6.50	20
Nickel	0.157		0.0200	mg/kg		0.161		2.82	20
Selenium	0.291		0.0400	mg/kg		0.291		0.0963	20
Thallium	0.000520	J	0.0100	mg/kg		0.000500		3.92	20
Zinc	8.52		0.200	mg/kg		8.62		1.16	20

**Duplicate (BGE2501-DUP2)**

Source: 23E2845-11

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	0.00233	J	0.0201	mg/kg		0.00250		7.07	20
Arsenic	1.95		0.0100	mg/kg		1.79		8.63	20
Cadmium	0.0250		0.0201	mg/kg		0.0286		13.2	20
Chromium	0.0699	J1	0.0602	mg/kg		0.0564		21.3	20
Lead	0.0863		0.0100	mg/kg		0.0917		6.06	20
Selenium	0.253		0.0402	mg/kg		0.263		3.72	20
Thallium	0.000361	J	0.0100	mg/kg		0.000320		12.2	20
Zinc	14.5	J1	0.201	mg/kg		20.7		35.3	20

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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

**Reported:**  
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### Quality Control (Continued)

#### Metals, Total (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE2501 - EPA 200.3 (Continued)</b>										
<b>Duplicate (BGE2501-DUP3)</b>			<b>Source: 23E2845-01</b>		Prepared: 5/16/2023 Analyzed: 6/19/2023					
Cadmium	0.0333		0.0200	mg/kg		0.0304			9.05	20
Chromium	0.0454	J	0.0600	mg/kg		0.0451			0.751	20
Lead	0.0838		0.0100	mg/kg		0.0762			9.45	20
Selenium	0.311		0.0400	mg/kg		0.291			6.86	20
Thallium	0.000480	J	0.0100	mg/kg		0.000500			4.08	20
<b>Duplicate (BGE2501-DUP4)</b>			<b>Source: 23E2845-11</b>		Prepared: 5/16/2023 Analyzed: 6/19/2023					
Cadmium	0.0244		0.0201	mg/kg		0.0286			15.9	20
Chromium	0.0710		0.0602	mg/kg		0.0564			22.9	20
Lead	0.0828		0.0100	mg/kg		0.0917			10.2	20
Selenium	0.259		0.0402	mg/kg		0.263			1.36	20
Thallium	0.000361	J	0.0100	mg/kg		0.000320			12.2	20
<b>Duplicate (BGE2501-DUP5)</b>			<b>Source: 23E2845-01</b>		Prepared: 5/16/2023 Analyzed: 6/19/2023					
Beryllium	0.000400	J	0.00400	mg/kg		0.000300			28.6	20
Silver	0.0215		0.0100	mg/kg		0.0196			9.35	20
<b>Duplicate (BGE2501-DUP6)</b>			<b>Source: 23E2845-11</b>		Prepared: 5/16/2023 Analyzed: 6/19/2023					
Beryllium	0.000823	J	0.00402	mg/kg		0.000640			25.1	20
Silver	0.0102	J1	0.0100	mg/kg		0.0150			37.7	20
<b>Duplicate (BGE2501-DUP7)</b>			<b>Source: 23E2845-11</b>		Prepared: 5/16/2023 Analyzed: 6/21/2023					
Copper	0.875		0.0201	mg/kg		0.904			3.22	20
<b>Duplicate (BGE2501-DUP8)</b>			<b>Source: 23E2845-11</b>		Prepared: 5/16/2023 Analyzed: 7/6/2023					
Nickel	0.147		0.0201	mg/kg		0.146			0.989	20
<b>MDL Check (BGE2501-MRL1)</b>			<b>Source: 23E2845-11</b>		Prepared: 5/16/2023 Analyzed: 6/18/2023					
Antimony	0.0562	J	0.101	mg/kg	0.0506				111	
Arsenic	0.00132	J	0.0506	mg/kg	0.00506				26.0	
Cadmium	0.00536	J	0.101	mg/kg	0.00506				106	
Chromium	0.0235	J	0.304	mg/kg	0.0152				155	
Copper	0.0319	J	0.101	mg/kg	0.0101				315	
Lead	0.00607	J	0.0506	mg/kg	0.00506				120	
Nickel	0.0100	J	0.101	mg/kg	0.00506				198	
Selenium	0.0901	J	0.202	mg/kg	0.101				89.0	
Thallium	0.00294	J	0.0506	mg/kg	0.00253				116	
Zinc	0.271		0.202	mg/kg	0.101				267	

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Project: PCCA HI TISSUE CHEM  
Project Number:  
Project Manager: Gregg Pawlak

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2501 - EPA 200.3 (Continued)**

**MDL Check (BGE2501-MRL2)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Cadmium	0.00567	J	0.101	mg/kg	0.00506		112	50-150		
Chromium	0.0256	J	0.304	mg/kg	0.0152		169	50-150		
Lead	<0.0506	U	0.0506	mg/kg	0.00506			50-150		
Selenium	<0.202	U	0.202	mg/kg	0.101			50-150		
Thallium	0.00304	J	0.0506	mg/kg	0.00253		120	50-150		

**MDL Check (BGE2501-MRL3)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	0.00101	J	0.0202	mg/kg	0.00101		100			
Silver	0.00283	J	0.0506	mg/kg	0.00253		112			

**Matrix Spike (BGE2501-MS1)**

**Source: 23E2845-01**

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	2.24		0.0198	mg/kg	1.98	0.00236	113	75-125		
Arsenic	3.29		0.0496	mg/kg	0.992	2.40	89.9	75-125		
Cadmium	2.14		0.0198	mg/kg	1.98	0.0304	106	75-125		
Chromium	6.04		0.0595	mg/kg	5.95	0.0451	101	75-125		
Copper	3.19		0.0198	mg/kg	1.98	1.15	103	75-125		
Lead	1.07		0.00992	mg/kg	0.992	0.0762	100	75-125		
Selenium	5.79	J1	0.0397	mg/kg	3.97	0.291	139	75-125		
Thallium	1.03		0.00992	mg/kg	0.992	0.000500	104	75-125		

**Matrix Spike (BGE2501-MS2)**

**Source: 23E2845-11**

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	2.37		0.0200	mg/kg	2.00	0.00250	118	75-125		
Arsenic	2.86		0.0500	mg/kg	1.00	1.79	108	75-125		
Cadmium	2.27		0.0200	mg/kg	2.00	0.0286	112	75-125		
Chromium	6.68		0.0600	mg/kg	6.00	0.0564	110	75-125		
Lead	1.13		0.0100	mg/kg	1.00	0.0917	104	75-125		
Selenium	5.82	J1	0.0400	mg/kg	4.00	0.263	139	75-125		
Thallium	1.08		0.0100	mg/kg	1.00	0.000320	108	75-125		
Zinc	12.2	J1	0.200	mg/kg	4.00	20.7	NR	75-125		



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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2501 - EPA 200.3 (Continued)**

**Matrix Spike (BGE2501-MS3)**

Source: 23E2845-11

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	2.33		0.0200	mg/kg	2.00	0.00250	116	75-125		
Cadmium	2.29		0.0200	mg/kg	2.00	0.0286	113	75-125		
Chromium	6.72		0.0600	mg/kg	6.00	0.0564	111	75-125		
Selenium	6.03		0.0400	mg/kg	4.00	0.263	144	75-125		
Thallium	1.07		0.0100	mg/kg	1.00	0.000320	107	75-125		

**Matrix Spike (BGE2501-MS4)**

Source: 23E2845-01

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	0.444		0.00397	mg/kg	0.397	0.000300	112	75-125		
Silver	0.682	J1	0.00992	mg/kg	0.992	0.0196	66.8	75-125		

**Matrix Spike (BGE2501-MS5)**

Source: 23E2845-11

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	0.443		0.00400	mg/kg	0.400	0.000640	111	75-125		
Silver	0.511	J1	0.0100	mg/kg	1.00	0.0150	49.6	75-125		

**Matrix Spike (BGE2501-MS7)**

Source: 23E2845-01

Prepared: 5/16/2023 Analyzed: 6/20/2023

Zinc	45.7	J1	0.397	mg/kg	3.97	8.62	934	75-125		
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**Matrix Spike (BGE2501-MS8)**

Source: 23E2845-01

Prepared: 5/16/2023 Analyzed: 6/21/2023

Nickel	2.23		0.0198	mg/kg	1.98	0.161	104	75-125		
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**Matrix Spike (BGE2501-MS9)**

Source: 23E2845-11

Prepared: 5/16/2023 Analyzed: 6/21/2023

Copper	2.97		0.0200	mg/kg	2.00	0.904	103	75-125		
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**Matrix Spike (BGE2501-MSB)**

Source: 23E2845-11

Prepared: 5/16/2023 Analyzed: 7/6/2023

Nickel	2.49		0.0200	mg/kg	2.00	0.146	117	75-125		
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**Batch: BGE2508 - EPA 200.3**

**Blank (BGE2508-BLK1)**

Prepared: 5/16/2023 Analyzed: 6/15/2023

Antimony	<0.0963	U	0.0963	mg/kg						
Arsenic	<0.0482	U	0.0482	mg/kg						
Beryllium	<0.0193	U	0.0193	mg/kg						
Cadmium	<0.0963	U	0.0963	mg/kg						
Chromium	0.104	J	0.289	mg/kg						
Copper	0.0874	J	0.0963	mg/kg						
Lead	<0.0482	U	0.0482	mg/kg						
Nickel	0.00780	J	0.0963	mg/kg						
Selenium	<0.193	U	0.193	mg/kg						
Silver	0.00125	J	0.0482	mg/kg						
Thallium	0.00241	J	0.0482	mg/kg						



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**Quality Control  
(Continued)**

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2508 - EPA 200.3 (Continued)**

**Blank (BGE2508-BLK4)**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Zinc	1.36		0.193	mg/kg						
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**LCS (BGE2508-BS1)**

Prepared: 5/16/2023 Analyzed: 6/15/2023

Antimony	10.4		0.0952	mg/kg	9.52		109	85-115		
Arsenic	5.31		0.0476	mg/kg	4.76		112	85-115		
Beryllium	2.05		0.0190	mg/kg	1.90		107	85-115		
Cadmium	10.1		0.0952	mg/kg	9.52		106	85-115		
Chromium	30.8		0.286	mg/kg	28.6		108	85-115		
Copper	10.5		0.0952	mg/kg	9.52		111	85-115		
Lead	5.18		0.0476	mg/kg	4.76		109	85-115		
Nickel	10.3		0.0952	mg/kg	9.52		109	85-115		
Selenium	20.4		0.190	mg/kg	19.0		107	85-115		
Silver	4.45		0.0476	mg/kg	4.76		93.5	85-115		
Thallium	5.11		0.0476	mg/kg	4.76		107	85-115		

**LCS (BGE2508-BS4)**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Zinc	21.0		0.190	mg/kg	19.0		110	85-115		
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**Duplicate (BGE2508-DUP1)**

**Source: 23E2845-20**

Prepared: 5/16/2023 Analyzed: 6/15/2023

Antimony	0.00259	J	0.0199	mg/kg		0.00284		9.22	20
Arsenic	1.78		0.0498	mg/kg		2.10		16.8	20
Beryllium	0.000857	J	0.00398	mg/kg		0.000940		9.29	20
Cadmium	0.0300		0.0199	mg/kg		0.0334		11.0	20
Chromium	0.344		0.0598	mg/kg		0.357		3.65	20
Copper	1.03	J1	0.0199	mg/kg		1.95		62.3	20
Lead	0.0997	J1	0.00996	mg/kg		0.139		33.2	20
Nickel	0.306		0.0199	mg/kg		0.310		1.20	20
Selenium	0.253		0.0398	mg/kg		0.270		6.33	20
Silver	0.0128		0.00996	mg/kg		0.0148		14.5	20
Thallium	0.000777	J	0.00996	mg/kg		0.000660		16.3	20

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2508 - EPA 200.3 (Continued)**

**Duplicate (BGE2508-DUP2)**

**Source: 23E2845-30**

Prepared: 5/16/2023 Analyzed: 6/15/2023

Antimony	0.00218	J	0.0198	mg/kg		0.00222			1.70	20
Arsenic	1.84		0.0496	mg/kg		1.82			1.52	20
Beryllium	0.000694	J	0.00397	mg/kg		0.00118			51.8	20
Cadmium	0.0315		0.0198	mg/kg		0.0302			4.11	20
Chromium	0.254		0.0595	mg/kg		0.251			1.18	20
Copper	0.991		0.0198	mg/kg		1.02			3.33	20
Lead	0.0847		0.00992	mg/kg		0.0886			4.54	20
Nickel	0.289		0.0198	mg/kg		0.278			4.07	20
Selenium	0.285		0.0397	mg/kg		0.276			3.45	20
Silver	0.0111		0.00992	mg/kg		0.0111			0.259	20
Thallium	0.000556	J	0.00992	mg/kg		0.000540			2.84	20

**Duplicate (BGE2508-DUP5)**

**Source: 23E2845-20**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Zinc	7.36	J1	0.0398	mg/kg		14.7			66.6	20
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**Duplicate (BGE2508-DUP6)**

**Source: 23E2845-30**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Zinc	33.8	J1	0.198	mg/kg		10.8			103	20
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**MDL Check (BGE2508-MRL1)**

Prepared: 5/16/2023 Analyzed: 6/15/2023

Antimony	0.0528	J	0.0928	mg/kg	0.0464			114		
Arsenic	0.00325	J	0.0464	mg/kg	0.00464			70.0		
Beryllium	0.000835	J	0.0186	mg/kg	0.000928			90.0		
Cadmium	0.00557	J	0.0928	mg/kg	0.00464			120		
Chromium	0.0268	J	0.278	mg/kg	0.0139			193		
Copper	0.0280	J	0.0928	mg/kg	0.00928			302		
Lead	0.00612	J	0.0464	mg/kg	0.00464			132		
Nickel	0.00343	J	0.0928	mg/kg	0.00464			74.0		
Selenium	0.0907	J	0.186	mg/kg	0.0928			97.8		
Silver	0.00260	J	0.0464	mg/kg	0.00232			112		
Thallium	0.00297	J	0.0464	mg/kg	0.00232			128		

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2508 - EPA 200.3 (Continued)**

**MDL Check (BGE2508-MRL4)**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Zinc	0.310		0.186	mg/kg	0.0928		334			
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**Matrix Spike (BGE2508-MS1)**

**Source: 23E2845-20**

Prepared: 5/16/2023 Analyzed: 6/15/2023

Antimony	2.11		0.0199	mg/kg	1.99	0.00284	106	75-125		
Arsenic	2.88		0.0498	mg/kg	0.996	2.10	78.4	75-125		
Beryllium	0.428		0.00398	mg/kg	0.398	0.000940	107	75-125		
Cadmium	2.09		0.0199	mg/kg	1.99	0.0334	103	75-125		
Chromium	6.33		0.0598	mg/kg	5.98	0.357	99.9	75-125		
Copper	2.94	J1	0.0199	mg/kg	1.99	1.95	49.5	75-125		
Lead	1.07		0.00996	mg/kg	0.996	0.139	93.4	75-125		
Nickel	2.23		0.0199	mg/kg	1.99	0.310	96.4	75-125		
Selenium	5.37	J1	0.0398	mg/kg	3.98	0.270	128	75-125		
Silver	0.268	J1	0.00996	mg/kg	0.996	0.0148	25.4	75-125		
Thallium	1.00		0.00996	mg/kg	0.996	0.000660	101	75-125		

**Matrix Spike (BGE2508-MS2)**

**Source: 23E2845-30**

Prepared: 5/16/2023 Analyzed: 6/15/2023

Antimony	2.04		0.0200	mg/kg	2.00	0.00222	102	75-125		
Cadmium	2.08		0.0200	mg/kg	2.00	0.0302	103	75-125		
Chromium	6.52		0.0600	mg/kg	6.00	0.251	105	75-125		
Copper	3.03		0.0200	mg/kg	2.00	1.02	100	75-125		
Lead	1.07		0.0100	mg/kg	1.00	0.0886	97.9	75-125		
Selenium	5.37	J1	0.0400	mg/kg	4.00	0.276	127	75-125		
Silver	0.117	J1	0.0100	mg/kg	1.00	0.0111	10.6	75-125		
Thallium	1.00		0.0100	mg/kg	1.00	0.000540	100	75-125		

**Matrix Spike (BGE2508-MS5)**

**Source: 23E2845-20**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Antimony	2.20		0.0199	mg/kg	1.99	0.00284	110	75-125		
Zinc	13.6	J1	0.398	mg/kg	3.98	14.7	NR	75-125		

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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2508 - EPA 200.3 (Continued)**

**Matrix Spike (BGE2508-MS6)**

Source: 23E2845-30

Prepared: 5/16/2023 Analyzed: 6/20/2023

Arsenic	3.06		0.100	mg/kg	1.00	1.82	125	75-125		
Zinc	30.9	J1	0.400	mg/kg	4.00	10.8	501	75-125		

**Matrix Spike (BGE2508-MS7)**

Source: 23E2845-30

Prepared: 5/16/2023 Analyzed: 6/23/2023

Nickel	2.36		0.0200	mg/kg	2.00	0.278	104	75-125		
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**Matrix Spike (BGE2508-MS8)**

Source: 23E2845-30

Prepared: 5/16/2023 Analyzed: 6/23/2023

Beryllium	0.426		0.00400	mg/kg	0.400	0.00118	106	75-125		
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**Batch: BGE2509 - EPA 200.3**

**Blank (BGE2509-BLK1)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	<0.0926	U	0.0926	mg/kg						
Cadmium	<0.0926	U	0.0926	mg/kg						
Chromium	<0.278	U	0.278	mg/kg						
Selenium	<0.185	U	0.185	mg/kg						
Silver	<0.0463	U	0.0463	mg/kg						
Thallium	<0.0463	U	0.0463	mg/kg						

**Blank (BGE2509-BLK3)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	<0.0185	U	0.0185	mg/kg						
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**Blank (BGE2509-BLK4)**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Arsenic	<0.0463	U	0.0463	mg/kg						
Copper	1.77		0.0926	mg/kg						
Lead	0.0610		0.0463	mg/kg						
Nickel	0.00361	J	0.0926	mg/kg						
Zinc	1.05		0.185	mg/kg						

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2509 - EPA 200.3 (Continued)**

**LCS (BGE2509-BS1)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	10.1		0.0977	mg/kg	9.77		103	85-115		
Cadmium	9.73		0.0977	mg/kg	9.77		99.6	85-115		
Chromium	28.9		0.293	mg/kg	29.3		98.5	85-115		
Selenium	20.5		0.195	mg/kg	19.5		105	85-115		
Silver	3.43	J1	0.0488	mg/kg	4.88		70.3	85-115		
Thallium	5.11		0.0488	mg/kg	4.88		105	85-115		

**LCS (BGE2509-BS3)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	2.17		0.0195	mg/kg	1.95		111	85-115		
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**LCS (BGE2509-BS4)**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Arsenic	5.27		0.0488	mg/kg	4.88		108	85-115		
Copper	10.6		0.0977	mg/kg	9.77		108	85-115		
Lead	5.19		0.0488	mg/kg	4.88		106	85-115		
Nickel	10.2		0.0977	mg/kg	9.77		104	85-115		
Zinc	21.1		0.195	mg/kg	19.5		108	85-115		

**Duplicate (BGE2509-DUP1)**

Source: 23E2845-39

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	0.00171	J	0.0198	mg/kg		0.00184		7.54	20
Cadmium	0.0205		0.0198	mg/kg		0.0221		7.45	20
Chromium	0.0567	J	0.0595	mg/kg		0.0554		2.19	20
Selenium	0.226		0.0397	mg/kg		0.225		0.564	20
Silver	0.0103		0.00992	mg/kg		0.0108		4.56	20
Thallium	0.000397	J	0.00992	mg/kg		0.000380		4.33	20

**Duplicate (BGE2509-DUP5)**

Source: 23E2845-39

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	0.000694	J	0.00397	mg/kg		0.000740		6.35	20
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Project Number:  
Project Manager: Gregg Pawlak

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2509 - EPA 200.3 (Continued)**

<b>Duplicate (BGE2509-DUP6)</b>		<b>Source: 23E2845-49</b>		Prepared: 5/16/2023 Analyzed: 6/19/2023						
Antimony	<0.0200	U	0.0200	mg/kg	<0.0200					20
Beryllium	0.00120	J	0.00400	mg/kg	0.00142			17.0		20
Cadmium	0.0515		0.0200	mg/kg	0.0548			6.17		20
Chromium	0.0441	J	0.0600	mg/kg	0.0443			0.472		20
Selenium	0.184		0.0400	mg/kg	0.189			2.61		20
Silver	0.0175		0.0100	mg/kg	0.0175			0.283		20
Thallium	0.000480	J	0.0100	mg/kg	0.000494			2.89		20

<b>Duplicate (BGE2509-DUP7)</b>		<b>Source: 23E2845-39</b>		Prepared: 5/16/2023 Analyzed: 6/21/2023						
Arsenic	1.91		0.00992	mg/kg	1.95			2.35		20
Copper	0.907		0.0198	mg/kg	0.997			9.46		20
Lead	0.0772		0.00992	mg/kg	0.0754			2.36		20
Nickel	0.128		0.0198	mg/kg	0.127			1.01		20

<b>Duplicate (BGE2509-DUP8)</b>		<b>Source: 23E2845-39</b>		Prepared: 5/16/2023 Analyzed: 6/21/2023						
Zinc	37.8	J1	0.198	mg/kg	23.7			45.8		20

<b>Duplicate (BGE2509-DUP9)</b>		<b>Source: 23E2845-49</b>		Prepared: 5/16/2023 Analyzed: 6/21/2023						
Arsenic	1.38		0.0100	mg/kg	1.47			6.13		20
Copper	1.27		0.0200	mg/kg	1.33			3.97		20
Lead	0.0379		0.0100	mg/kg	0.0370			2.47		20
Nickel	0.393		0.0200	mg/kg	0.407			3.48		20
Zinc	11.9		0.200	mg/kg	12.5			4.92		20

<b>MDL Check (BGE2509-MRL1)</b>				Prepared: 5/16/2023 Analyzed: 6/19/2023		
Antimony	0.0521	J	0.0943	mg/kg	0.0472	110
Cadmium	0.00547	J	0.0943	mg/kg	0.00472	116
Chromium	0.0218	J	0.283	mg/kg	0.0142	154
Selenium	0.0967	J	0.189	mg/kg	0.0943	102
Silver	0.00245	J	0.0472	mg/kg	0.00236	104
Thallium	0.00330	J	0.0472	mg/kg	0.00236	140

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2509 - EPA 200.3 (Continued)**

**MDL Check (BGE2509-MRL3)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	0.00179	J	0.0189	mg/kg	0.000943		190			
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**MDL Check (BGE2509-MRL4)**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Arsenic	<0.0472	U	0.0472	mg/kg	0.00472		50-150			
Copper	0.0273	J	0.0943	mg/kg	0.00943	289	50-150			
Lead	<0.0472	U	0.0472	mg/kg	0.00472		50-150			
Nickel	0.00679	J	0.0943	mg/kg	0.00472	144	50-150			
Zinc	0.233		0.189	mg/kg	0.0943	247	50-150			

**Matrix Spike (BGE2509-MS1)**

**Source: 23E2845-39**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	1.97		0.0200	mg/kg	2.00	0.00184	98.6	75-125		
Cadmium	1.86		0.0200	mg/kg	2.00	0.0221	92.0	75-125		
Chromium	5.25		0.0600	mg/kg	6.00	0.0554	86.6	75-125		
Selenium	4.75		0.0400	mg/kg	4.00	0.225	113	75-125		
Silver	0.184	J1	0.0100	mg/kg	1.00	0.0108	17.3	75-125		
Thallium	0.905		0.0100	mg/kg	1.00	0.000380	90.5	75-125		

**Matrix Spike (BGE2509-MS5)**

**Source: 23E2845-39**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	0.387		0.00400	mg/kg	0.400	0.000740	96.6	75-125		
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**Matrix Spike (BGE2509-MS6)**

**Source: 23E2845-49**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	2.00		0.100	mg/kg	2.00	<0.100	100	75-125		
Beryllium	0.414		0.00400	mg/kg	0.400	0.00142	103	75-125		
Cadmium	2.04		0.0200	mg/kg	2.00	0.0548	99.5	75-125		
Chromium	6.00		0.0600	mg/kg	6.00	0.0443	99.3	75-125		
Selenium	5.32	J1	0.0400	mg/kg	4.00	0.189	128	75-125		
Silver	0.200	J1	0.0100	mg/kg	1.00	0.0175	18.3	75-125		
Thallium	0.974		0.0100	mg/kg	1.00	0.000494	97.3	75-125		



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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2509 - EPA 200.3 (Continued)**

**Matrix Spike (BGE2509-MS7)**

**Source: 23E2845-39**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Copper	2.86		0.0200	mg/kg	2.00	0.997	93.2	75-125		
Lead	0.995		0.0100	mg/kg	1.00	0.0754	91.9	75-125		
Nickel	1.99		0.0200	mg/kg	2.00	0.127	93.4	75-125		

**Matrix Spike (BGE2509-MS8)**

**Source: 23E2845-39**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Arsenic	2.58	J1	0.0500	mg/kg	1.00	1.95	63.0	75-125		
Zinc	10.7	J1	0.200	mg/kg	4.00	23.7	NR	75-125		

**Matrix Spike (BGE2509-MS9)**

**Source: 23E2845-49**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Arsenic	2.27		0.100	mg/kg	1.00	1.47	80.1	75-125		
Copper	3.19		0.0200	mg/kg	2.00	1.33	93.3	75-125		
Lead	1.00		0.0100	mg/kg	1.00	0.0370	96.4	75-125		
Nickel	2.35		0.0200	mg/kg	2.00	0.407	96.9	75-125		
Zinc	15.7		0.400	mg/kg	4.00	12.5	80.8	75-125		

**Batch: BGE2511 - EPA 200.3**

**Blank (BGE2511-BLK1)**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Antimony	<0.102	U	0.102	mg/kg						
Beryllium	<0.0203	U	0.0203	mg/kg						
Cadmium	<0.102	U	0.102	mg/kg						
Chromium	0.00884	J	0.305	mg/kg						
Lead	<0.0508	U	0.0508	mg/kg						
Selenium	<0.203	U	0.203	mg/kg						
Silver	<0.0508	U	0.0508	mg/kg						
Thallium	<0.0508	U	0.0508	mg/kg						
Zinc	0.112	J	0.203	mg/kg						

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2511 - EPA 200.3 (Continued)**

**Blank (BGE2511-BLK2)**

Prepared: 5/16/2023 Analyzed: 6/22/2023

Arsenic	<0.0508	U	0.0508	mg/kg						
Copper	0.0332	J	0.102	mg/kg						
Nickel	0.00945	J	0.102	mg/kg						

**LCS (BGE2511-BS1)**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Antimony	11.0		0.101	mg/kg	10.1		109	85-115		
Beryllium	2.18		0.0203	mg/kg	2.03		108	85-115		
Cadmium	10.8		0.101	mg/kg	10.1		106	85-115		
Chromium	31.5		0.304	mg/kg	30.4		104	85-115		
Lead	5.42		0.0507	mg/kg	5.07		107	85-115		
Selenium	21.5		0.203	mg/kg	20.3		106	85-115		
Silver	3.14	J1	0.0507	mg/kg	5.07		62.0	85-115		
Thallium	5.34		0.0507	mg/kg	5.07		105	85-115		
Zinc	21.8		0.203	mg/kg	20.3		108	85-115		

**LCS (BGE2511-BS2)**

Prepared: 5/16/2023 Analyzed: 6/22/2023

Arsenic	5.58		0.0507	mg/kg	5.07		110	85-115		
Copper	11.6		0.101	mg/kg	10.1		114	85-115		
Nickel	10.8		0.101	mg/kg	10.1		106	85-115		

**Duplicate (BGE2511-DUP1)**

**Source: 23E2845-58**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Antimony	<0.0200	U	0.0200	mg/kg	<0.0200					20
Cadmium	0.0395		0.0200	mg/kg	0.0415				4.89	20
Chromium	0.0265	J	0.0600	mg/kg	0.0328				21.4	20
Lead	0.0336		0.0100	mg/kg	0.0376				11.4	20
Selenium	0.130		0.0400	mg/kg	0.133				1.75	20
Silver	0.0149		0.0100	mg/kg	0.0151				1.20	20
Thallium	0.000340	J	0.0100	mg/kg	0.000400				16.2	20
Zinc	8.75		0.200	mg/kg	9.48				8.07	20

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE2511 - EPA 200.3 (Continued)</b>										
<b>Duplicate (BGE2511-DUP2)</b>			<b>Source: 23E2845-68</b>		Prepared: 5/16/2023 Analyzed: 6/20/2023					
Antimony	<0.0200	U	0.0200	mg/kg		<0.0200				20
Cadmium	0.0494		0.0200	mg/kg		0.0542			9.16	20
Chromium	0.0360	J	0.0600	mg/kg		0.0338			6.27	20
Lead	0.0426		0.0100	mg/kg		0.0516			19.3	20
Selenium	0.160		0.0400	mg/kg		0.168			4.79	20
Silver	0.0184	J1	0.0100	mg/kg		0.0231			22.9	20
Thallium	0.000480	J	0.0100	mg/kg		0.000575			18.1	20
Zinc	11.4		0.200	mg/kg		11.7			2.57	20
<b>Duplicate (BGE2511-DUP3)</b>										
<b>Duplicate (BGE2511-DUP3)</b>			<b>Source: 23E2845-58</b>		Prepared: 5/16/2023 Analyzed: 6/22/2023					
Arsenic	1.10		0.0100	mg/kg		1.14			3.06	20
Beryllium	0.00106	J	0.00400	mg/kg		0.00144			30.4	20
Copper	1.12		0.0200	mg/kg		1.20			6.89	20
Nickel	0.288		0.0200	mg/kg		0.326			12.4	20
<b>Duplicate (BGE2511-DUP4)</b>										
<b>Duplicate (BGE2511-DUP4)</b>			<b>Source: 23E2845-68</b>		Prepared: 5/16/2023 Analyzed: 6/22/2023					
Arsenic	1.18		0.0100	mg/kg		1.23			4.33	20
Copper	1.18		0.0200	mg/kg		1.31			10.6	20
Nickel	0.412		0.0200	mg/kg		0.429			3.90	20
<b>Duplicate (BGE2511-DUP6)</b>										
<b>Duplicate (BGE2511-DUP6)</b>			<b>Source: 23E2845-68</b>		Prepared: 5/16/2023 Analyzed: 6/23/2023					
Beryllium	0.00112	J	0.00400	mg/kg		0.00139			21.4	20
<b>MDL Check (BGE2511-MRL1)</b>										
<b>MDL Check (BGE2511-MRL1)</b>					Prepared: 5/16/2023 Analyzed: 6/20/2023					
Antimony	0.0528	J	0.0988	mg/kg	0.0494			107		
Beryllium	0.00188	J	0.0198	mg/kg	0.000988			190		
Cadmium	0.00524	J	0.0988	mg/kg	0.00494			106		
Chromium	0.0265	J	0.296	mg/kg	0.0148			179		
Lead	0.00642	J	0.0494	mg/kg	0.00494			130		
Selenium	0.0926	J	0.198	mg/kg	0.0988			93.7		
Silver	0.00287	J	0.0494	mg/kg	0.00247			116		
Thallium	0.00296	J	0.0494	mg/kg	0.00247			120		
Zinc	0.215		0.198	mg/kg	0.0988			217		

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2511 - EPA 200.3 (Continued)**

**MDL Check (BGE2511-MRL2)**

Prepared: 5/16/2023 Analyzed: 6/22/2023

Arsenic	0.00109	J	0.0494	mg/kg	0.00494		22.0			
Copper	0.0312	J	0.0988	mg/kg	0.00988		316			
Nickel	0.0117	J	0.0988	mg/kg	0.00494		236			

**Matrix Spike (BGE2511-MS1)**

**Source: 23E2845-58**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Antimony	1.97		0.0200	mg/kg	2.00	<0.0200	98.5	75-125		
Cadmium	1.96		0.0200	mg/kg	2.00	0.0415	95.7	75-125		
Chromium	5.74		0.0600	mg/kg	6.00	0.0328	95.1	75-125		
Lead	0.985		0.0100	mg/kg	1.00	0.0376	94.7	75-125		
Selenium	4.93		0.0400	mg/kg	4.00	0.133	120	75-125		
Silver	0.131	J1	0.0100	mg/kg	1.00	0.0151	11.6	75-125		
Thallium	0.980		0.0100	mg/kg	1.00	0.000400	98.0	75-125		
Zinc	14.4		0.200	mg/kg	4.00	9.48	122	75-125		

**Matrix Spike (BGE2511-MS2)**

**Source: 23E2845-68**

Prepared: 5/16/2023 Analyzed: 6/20/2023

Antimony	2.28		0.0200	mg/kg	2.00	<0.0200	114	75-125		
Cadmium	2.23		0.0200	mg/kg	2.00	0.0542	109	75-125		
Chromium	6.48		0.0600	mg/kg	6.00	0.0338	107	75-125		
Lead	1.08		0.0100	mg/kg	1.00	0.0516	103	75-125		
Selenium	5.51	J1	0.0400	mg/kg	4.00	0.168	134	75-125		
Silver	0.245	J1	0.0100	mg/kg	1.00	0.0231	22.2	75-125		
Thallium	1.06		0.0100	mg/kg	1.00	0.000575	106	75-125		
Zinc	16.5		0.200	mg/kg	4.00	11.7	120	75-125		

**Matrix Spike (BGE2511-MS3)**

**Source: 23E2845-58**

Prepared: 5/16/2023 Analyzed: 6/22/2023

Beryllium	0.423		0.00400	mg/kg	0.400	0.00144	106	75-125		
Copper	3.45		0.0200	mg/kg	2.00	1.20	112	75-125		
Nickel	2.26		0.0200	mg/kg	2.00	0.326	96.6	75-125		

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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2511 - EPA 200.3 (Continued)**

**Matrix Spike (BGE2511-MS4)**

Source: 23E2845-58

Prepared: 5/16/2023 Analyzed: 6/22/2023

Arsenic	2.10		0.0500	mg/kg	1.00	1.14	96.3	75-125		
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**Matrix Spike (BGE2511-MS5)**

Source: 23E2845-68

Prepared: 5/16/2023 Analyzed: 6/22/2023

Arsenic	2.25		0.0500	mg/kg	1.00	1.23	102	75-125		
Copper	3.39		0.0200	mg/kg	2.00	1.31	104	75-125		
Nickel	2.47		0.0200	mg/kg	2.00	0.429	102	75-125		

**Matrix Spike (BGE2511-MS7)**

Source: 23E2845-68

Prepared: 5/16/2023 Analyzed: 6/23/2023

Beryllium	0.437		0.00400	mg/kg	0.400	0.00139	109	75-125		
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**Batch: BGE2512 - EPA 200.3**

**Blank (BGE2512-BLK1)**

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	<0.0990	U	0.0990	mg/kg						
Arsenic	<0.0495	U	0.0495	mg/kg						
Cadmium	<0.0990	U	0.0990	mg/kg						
Chromium	0.00861	J	0.297	mg/kg						
Lead	<0.0495	U	0.0495	mg/kg						
Selenium	<0.198	U	0.198	mg/kg						
Thallium	<0.0495	U	0.0495	mg/kg						
Zinc	0.0948	J	0.198	mg/kg						

**Blank (BGE2512-BLK2)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	<0.0990	U	0.0990	mg/kg						
Cadmium	<0.0990	U	0.0990	mg/kg						
Chromium	0.0105	J	0.297	mg/kg						
Lead	<0.0495	U	0.0495	mg/kg						
Selenium	<0.198	U	0.198	mg/kg						
Thallium	<0.0495	U	0.0495	mg/kg						

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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2512 - EPA 200.3 (Continued)**

**Blank (BGE2512-BLK3)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	<0.0198	U	0.0198	mg/kg						
Chromium	0.0105	J	0.297	mg/kg						
Silver	<0.0495	U	0.0495	mg/kg						

**Blank (BGE2512-BLK4)**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Copper	0.0221	J	0.0990	mg/kg						
Nickel	0.0105	J	0.0990	mg/kg						

**LCS (BGE2512-BS1)**

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	11.3		0.102	mg/kg	10.2		111	85-115		
Arsenic	5.27		0.0508	mg/kg	5.08		104	85-115		
Cadmium	10.7		0.102	mg/kg	10.2		105	85-115		
Chromium	31.6		0.305	mg/kg	30.5		104	85-115		
Lead	5.30		0.0508	mg/kg	5.08		104	85-115		
Selenium	20.9		0.203	mg/kg	20.3		103	85-115		
Thallium	5.32		0.0508	mg/kg	5.08		105	85-115		
Zinc	21.4		0.203	mg/kg	20.3		105	85-115		

**LCS (BGE2512-BS2)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	11.3		0.102	mg/kg	10.2		111	85-115		
Cadmium	10.8		0.102	mg/kg	10.2		106	85-115		
Chromium	32.5		0.305	mg/kg	30.5		107	85-115		
Selenium	22.1		0.203	mg/kg	20.3		109	85-115		
Thallium	5.54		0.0508	mg/kg	5.08		109	85-115		

**LCS (BGE2512-BS3)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	2.11		0.0203	mg/kg	2.03		104	85-115		
Silver	3.88	J1	0.0508	mg/kg	5.08		76.3	85-115		

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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2512 - EPA 200.3 (Continued)**

**LCS (BGE2512-BS4)**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Copper	10.7		0.102	mg/kg	10.2		105	85-115		
Nickel	10.6		0.102	mg/kg	10.2		104	85-115		

**Duplicate (BGE2512-DUP1)**

**Source: 23E2845-77**

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	<0.0201	U	0.0201	mg/kg		<0.0201				20
Arsenic	1.55		0.0100	mg/kg		1.50			3.39	20
Cadmium	0.0546		0.0201	mg/kg		0.0554			1.42	20
Chromium	0.0514	J	0.0602	mg/kg		0.0512			0.440	20
Lead	0.0474		0.0100	mg/kg		0.0520			9.24	20
Selenium	0.187		0.0402	mg/kg		0.186			0.551	20
Thallium	0.000442	J	0.0100	mg/kg		0.000520			16.3	20
Zinc	11.6		0.201	mg/kg		12.1			4.54	20

**Duplicate (BGE2512-DUP2)**

**Source: 23E2845-77**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	<0.0201	U	0.0201	mg/kg		<0.0201				20
Cadmium	0.0531		0.0201	mg/kg		0.0554			4.33	20
Chromium	0.0517	J	0.0602	mg/kg		0.0512			1.02	20
Lead	0.0476		0.0100	mg/kg		0.0520			8.90	20
Selenium	0.196		0.0402	mg/kg		0.186			5.02	20
Thallium	0.000442	J	0.0100	mg/kg		0.000520			16.3	20

**Duplicate (BGE2512-DUP3)**

**Source: 23E2845-77**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	0.00193	J	0.00402	mg/kg		0.00166			14.9	20
Silver	0.0194		0.0100	mg/kg		0.0179			8.05	20

**Duplicate (BGE2512-DUP4)**

**Source: 23E2845-77**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Copper	1.49		0.0201	mg/kg		1.48			1.15	20
Nickel	0.361		0.0201	mg/kg		0.353			2.13	20

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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2512 - EPA 200.3 (Continued)**

**MDL Check (BGE2512-MRL1)**

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	0.0547	J	0.101	mg/kg	0.0505			108		
Arsenic	0.00111	J	0.0505	mg/kg	0.00505			22.0		
Cadmium	0.00586	J	0.101	mg/kg	0.00505			116		
Chromium	0.0325	J	0.303	mg/kg	0.0152			215		
Lead	0.00667	J	0.0505	mg/kg	0.00505			132		
Selenium	0.103	J	0.202	mg/kg	0.101			102		
Thallium	0.00313	J	0.0505	mg/kg	0.00253			124		
Zinc	0.188	J	0.202	mg/kg	0.101			186		

**MDL Check (BGE2512-MRL2)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Antimony	0.0564	J	0.101	mg/kg	0.0505			112	50-150	
Cadmium	0.00576	J	0.101	mg/kg	0.00505			114	50-150	
Chromium	0.0344	J	0.303	mg/kg	0.0152			227	50-150	
Lead	<0.0505	U	0.0505	mg/kg	0.00505				50-150	
Selenium	<0.202	U	0.202	mg/kg	0.101				50-150	
Thallium	0.00313	J	0.0505	mg/kg	0.00253			124	50-150	

**MDL Check (BGE2512-MRL3)**

Prepared: 5/16/2023 Analyzed: 6/19/2023

Beryllium	0.00101	J	0.0202	mg/kg	0.00101			100		
Silver	0.00263	J	0.0505	mg/kg	0.00253			104		

**MDL Check (BGE2512-MRL4)**

Prepared: 5/16/2023 Analyzed: 6/21/2023

Copper	0.0302	J	0.101	mg/kg	0.0101			299		
Nickel	0.0153	J	0.101	mg/kg	0.00505			302		

**Matrix Spike (BGE2512-MS1)**

**Source: 23E2845-77**

Prepared: 5/16/2023 Analyzed: 6/18/2023

Antimony	2.31		0.0199	mg/kg	1.99	<0.0199		116	75-125	
Arsenic	2.28		0.0498	mg/kg	0.996	1.50		78.4	75-125	
Cadmium	2.25		0.0199	mg/kg	1.99	0.0554		110	75-125	
Chromium	6.42		0.0598	mg/kg	5.98	0.0512		107	75-125	
Lead	1.05		0.00996	mg/kg	0.996	0.0520		100	75-125	
Selenium	5.59	J1	0.0398	mg/kg	3.98	0.186		136	75-125	
Thallium	1.04		0.00996	mg/kg	0.996	0.000520		104	75-125	
Zinc	16.2		0.199	mg/kg	3.98	12.1		103	75-125	



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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE2512 - EPA 200.3 (Continued)**

<b>Matrix Spike (BGE2512-MS2)</b>		<b>Source: 23E2845-77</b>		Prepared: 5/16/2023		Analyzed: 6/19/2023		
Antimony	2.25		0.0199	mg/kg	1.99	<0.0199	113	75-125
Cadmium	2.21		0.0199	mg/kg	1.99	0.0554	108	75-125
Chromium	6.18		0.0598	mg/kg	5.98	0.0512	103	75-125
Selenium	5.76		0.0398	mg/kg	3.98	0.186	140	75-125
Thallium	1.07		0.00996	mg/kg	0.996	0.000520	107	75-125

<b>Matrix Spike (BGE2512-MS3)</b>		<b>Source: 23E2845-77</b>		Prepared: 5/16/2023		Analyzed: 6/19/2023		
Beryllium	0.440		0.00398	mg/kg	0.398	0.00166	110	75-125
Silver	0.415	J1	0.00996	mg/kg	0.996	0.0179	39.8	75-125

<b>Matrix Spike (BGE2512-MS4)</b>		<b>Source: 23E2845-77</b>		Prepared: 5/16/2023		Analyzed: 6/21/2023		
Copper	3.58		0.0199	mg/kg	1.99	1.48	106	75-125
Nickel	2.46		0.0199	mg/kg	1.99	0.353	106	75-125

**Batch: BGE3529 - SW-7471**

<b>MDL Check (BGE3529-MRL1)</b>				Prepared & Analyzed: 6/12/2023		
Mercury	0.0116	J	0.0196	mg/kg	0.00979	119

<b>Matrix Spike (BGE3529-MS1)</b>		<b>Source: 23E2845-08</b>		Prepared & Analyzed: 6/12/2023				
Mercury	0.112		0.00937	mg/kg	0.117	<0.00937	95.8	80-120

<b>Matrix Spike (BGE3529-MS2)</b>		<b>Source: 23E2845-16</b>		Prepared & Analyzed: 6/12/2023				
Mercury	0.109		0.00945	mg/kg	0.118	0.00485	88.1	80-120

<b>Matrix Spike Dup (BGE3529-MSD1)</b>		<b>Source: 23E2845-08</b>		Prepared & Analyzed: 6/12/2023						
Mercury	0.117		0.00952	mg/kg	0.119	<0.00952	98.3	80-120	4.15	20



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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BGE3529 - SW-7471 (Continued)**

<b>Matrix Spike Dup (BGE3529-MSD2)</b>		<b>Source: 23E2845-16</b>		Prepared & Analyzed: 6/12/2023						
Mercury	0.115		0.00984	mg/kg	0.123	<0.00984	93.4	80-120	5.27	20

**Batch: BGE3650 - SW-7471**

<b>MDL Check (BGE3650-MRL1)</b>				Prepared & Analyzed: 6/12/2023						
Mercury	0.0120	J	0.0195	mg/kg	0.00976		122			

<b>Matrix Spike (BGE3650-MS1)</b>		<b>Source: 23E2845-27</b>		Prepared & Analyzed: 6/12/2023						
Mercury	0.111		0.00952	mg/kg	0.119	<0.00952	93.5	80-120		

<b>Matrix Spike (BGE3650-MS2)</b>		<b>Source: 23E2845-40</b>		Prepared & Analyzed: 6/12/2023						
Mercury	0.120		0.00968	mg/kg	0.121	0.00519	94.8	80-120		

<b>Matrix Spike Dup (BGE3650-MSD1)</b>		<b>Source: 23E2845-27</b>		Prepared & Analyzed: 6/12/2023						
Mercury	0.117		0.00930	mg/kg	0.116	0.00475	96.2	80-120	4.67	20

<b>Matrix Spike Dup (BGE3650-MSD2)</b>		<b>Source: 23E2845-40</b>		Prepared & Analyzed: 6/12/2023						
Mercury	0.123		0.00984	mg/kg	0.123	0.00519	95.9	80-120	2.67	20

**Batch: BGE3651 - SW-7471**

<b>MDL Check (BGE3651-MRL1)</b>				Prepared: 5/23/2023 Analyzed: 6/23/2023						
Mercury	0.0112	J	0.0198	mg/kg	0.00988		113			

<b>Matrix Spike (BGE3651-MS1)</b>		<b>Source: 23E2845-46</b>		Prepared: 5/23/2023 Analyzed: 6/23/2023						
Mercury	0.117		0.00952	mg/kg	0.119	<0.00952	98.3	80-120		

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: BGE3651 - SW-7471 (Continued)</b>										
<b>Matrix Spike (BGE3651-MS2) Source: 23E2845-58</b> Prepared: 5/23/2023 Analyzed: 6/23/2023										
Mercury	0.112		0.00937	mg/kg	0.117	<0.00937	95.7	80-120		
<b>Matrix Spike Dup (BGE3651-MSD1) Source: 23E2845-46</b> Prepared: 5/23/2023 Analyzed: 6/23/2023										
Mercury	0.117		0.00960	mg/kg	0.120	<0.00960	97.5	80-120	0.0610	20
<b>Matrix Spike Dup (BGE3651-MSD2) Source: 23E2845-58</b> Prepared: 5/23/2023 Analyzed: 6/23/2023										
Mercury	0.116		0.00968	mg/kg	0.121	<0.00968	96.3	80-120	3.76	20
<b>Batch: BGE3653 - SW-7471</b>										
<b>MDL Check (BGE3653-MRL1)</b> Prepared: 5/23/2023 Analyzed: 6/23/2023										
Mercury	0.0112	J	0.0191	mg/kg	0.00957		117			
<b>Matrix Spike (BGE3653-MS1) Source: 23E2845-65</b> Prepared: 5/23/2023 Analyzed: 6/23/2023										
Mercury	0.110		0.00945	mg/kg	0.118	<0.00945	93.0	80-120		
<b>Matrix Spike (BGE3653-MS2) Source: 23E2845-75</b> Prepared: 5/23/2023 Analyzed: 6/23/2023										
Mercury	0.110		0.00930	mg/kg	0.116	<0.00930	94.4	80-120		
<b>Matrix Spike Dup (BGE3653-MSD1) Source: 23E2845-65</b> Prepared: 5/23/2023 Analyzed: 6/23/2023										
Mercury	0.116		0.00952	mg/kg	0.119	<0.00952	97.4	80-120	5.39	20
<b>Matrix Spike Dup (BGE3653-MSD2) Source: 23E2845-75</b> Prepared: 5/23/2023 Analyzed: 6/23/2023										
Mercury	0.107		0.00945	mg/kg	0.118	<0.00945	90.5	80-120	2.66	20
<b>Batch: SGF0237 - BGE2508</b>										
<b>Interference Check A (SGF0237-IFA1)</b> Prepared & Analyzed: 6/15/2023										
Antimony	0.165			ug/L				70-130		
Arsenic	0.126			ug/L				70-130		
Beryllium	0.0170			ug/L				70-130		
Cadmium	0.399			ug/L				70-130		
Chromium	3.28			ug/L				70-130		
Copper	0.352			ug/L				70-130		
Lead	0.0770			ug/L				70-130		
Nickel	0.477			ug/L				70-130		
Selenium	0.104			ug/L				70-130		
Silver	0.0140			ug/L				70-130		
Thallium	0.0120			ug/L				70-130		



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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0237 - BGE2508 (Continued)**

**Interference Check B (SGF0237-IFB1)**

Prepared & Analyzed: 6/15/2023

Antimony	106			ug/L	100		106	70-130		
Arsenic	54.0			ug/L	50.0		108	70-130		
Beryllium	18.9			ug/L	20.0		94.3	70-130		
Cadmium	102			ug/L	100		102	70-130		
Chromium	289			ug/L	300		96.5	70-130		
Copper	95.4			ug/L	100		95.4	70-130		
Lead	49.2			ug/L	50.0		98.4	70-130		
Nickel	94.3			ug/L	100		94.3	70-130		
Selenium	214			ug/L	200		107	70-130		
Silver	46.2			ug/L	50.0		92.5	70-130		
Thallium	49.4			ug/L	50.0		98.9	70-130		

**Batch: SGF0246 - BGE2506**

**Interference Check A (SGF0246-IFA1)**

Prepared & Analyzed: 6/15/2023

Antimony	0.143			ug/L				70-130		
Arsenic	0.0830			ug/L				70-130		
Beryllium	0.0220			ug/L				70-130		
Cadmium	0.366			ug/L				70-130		
Chromium	3.22			ug/L				70-130		
Copper	0.308			ug/L				70-130		
Lead	0.0720			ug/L				70-130		
Nickel	0.499			ug/L				70-130		
Selenium	0.00 U			ug/L				70-130		
Silver	0.0100			ug/L				70-130		
Thallium	0.00900			ug/L				70-130		



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**Quality Control**  
**(Continued)**

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0246 - BGE2506 (Continued)**

**Interference Check B (SGF0246-IFB1)**

Prepared & Analyzed: 6/15/2023

Antimony	100			ug/L	100		100	70-130		
Arsenic	52.1			ug/L	50.0		104	70-130		
Beryllium	19.1			ug/L	20.0		95.6	70-130		
Cadmium	98.4			ug/L	100		98.4	70-130		
Chromium	296			ug/L	300		98.7	70-130		
Copper	89.8			ug/L	100		89.8	70-130		
Lead	46.8			ug/L	50.0		93.5	70-130		
Nickel	92.3			ug/L	100		92.3	70-130		
Selenium	208			ug/L	200		104	70-130		
Silver	45.8			ug/L	50.0		91.6	70-130		
Thallium	47.8			ug/L	50.0		95.7	70-130		

**Batch: SGF0259 - BGE2512**

**Interference Check A (SGF0259-IFA1)**

Prepared: 6/16/2023 Analyzed: 6/18/2023

Antimony	0.152			ug/L				70-130		
Arsenic	0.112			ug/L				70-130		
Cadmium	0.364			ug/L				70-130		
Chromium	3.45			ug/L				70-130		
Copper	0.235			ug/L				70-130		
Lead	0.0730			ug/L				70-130		
Nickel	0.628			ug/L				70-130		
Selenium	0.183			ug/L				70-130		
Thallium	0.0100			ug/L				70-130		
Zinc	0.949			ug/L				70-130		

**Interference Check B (SGF0259-IFB1)**

Prepared: 6/16/2023 Analyzed: 6/18/2023

Antimony	105			ug/L	100		105	70-130		
Arsenic	53.2			ug/L	50.0		106	70-130		
Cadmium	99.2			ug/L	100		99.2	70-130		
Chromium	296			ug/L	300		98.6	70-130		
Copper	98.7			ug/L	100		98.7	70-130		
Lead	47.7			ug/L	50.0		95.5	70-130		
Nickel	95.7			ug/L	100		95.7	70-130		
Selenium	214			ug/L	200		107	70-130		
Thallium	47.9			ug/L	50.0		95.8	70-130		
Zinc	194			ug/L	200		96.9	70-130		



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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0283 - BGE2509**

**Interference Check A (SGF0283-IFA1)**

Prepared & Analyzed: 6/19/2023

Antimony	0.137			ug/L				70-130		
Cadmium	0.362			ug/L				70-130		
Chromium	3.11			ug/L				70-130		
Selenium	0.0420			ug/L				70-130		
Silver	0.00700			ug/L				70-130		
Thallium	0.00600			ug/L				70-130		

**Interference Check B (SGF0283-IFB1)**

Prepared & Analyzed: 6/19/2023

Antimony	100			ug/L	100		100	70-130		
Cadmium	96.2			ug/L	100		96.2	70-130		
Chromium	279			ug/L	300		93.1	70-130		
Selenium	209			ug/L	200		104	70-130		
Silver	45.6			ug/L	50.0		91.2	70-130		
Thallium	47.0			ug/L	50.0		94.1	70-130		

**Batch: SGF0290 - BGE2509**

**Interference Check A (SGF0290-IFA1)**

Prepared & Analyzed: 6/19/2023

Antimony	0.140			ug/L				70-130		
Beryllium	0.00800			ug/L				70-130		
Cadmium	0.413			ug/L				70-130		
Chromium	3.29			ug/L				70-130		
Selenium	0.139			ug/L				70-130		
Silver	0.00800			ug/L				70-130		
Thallium	0.00700			ug/L				70-130		

**Interference Check B (SGF0290-IFB1)**

Prepared & Analyzed: 6/19/2023

Antimony	103			ug/L	100		103	70-130		
Beryllium	19.3			ug/L	20.0		96.7	70-130		
Cadmium	99.8			ug/L	100		99.8	70-130		
Chromium	294			ug/L	300		97.9	70-130		
Selenium	214			ug/L	200		107	70-130		
Silver	47.0			ug/L	50.0		94.0	70-130		
Thallium	49.6			ug/L	50.0		99.2	70-130		



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**Quality Control**  
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**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0298 - BGE2511**

**Interference Check A (SGF0298-IFA1)**

Prepared & Analyzed: 6/20/2023

Antimony	0.145			ug/L				70-130		
Arsenic	0.0960			ug/L				70-130		
Beryllium	0.00700			ug/L				70-130		
Cadmium	0.393			ug/L				70-130		
Chromium	3.25			ug/L				70-130		
Lead	0.0660			ug/L				70-130		
Selenium	0.0100			ug/L				70-130		
Silver	0.00800			ug/L				70-130		
Thallium	0.00500			ug/L				70-130		
Zinc	0.995			ug/L				70-130		

**Interference Check B (SGF0298-IFB1)**

Prepared & Analyzed: 6/20/2023

Antimony	102			ug/L	100		102	70-130		
Arsenic	50.7			ug/L	50.0		101	70-130		
Beryllium	17.4			ug/L	20.0		86.9	70-130		
Cadmium	97.8			ug/L	100		97.8	70-130		
Chromium	294			ug/L	300		98.0	70-130		
Lead	46.3			ug/L	50.0		92.6	70-130		
Selenium	207			ug/L	200		103	70-130		
Silver	46.4			ug/L	50.0		92.8	70-130		
Thallium	47.6			ug/L	50.0		95.2	70-130		
Zinc	188			ug/L	200		93.8	70-130		

**Batch: SGF0324 - BGE2509**

**Interference Check A (SGF0324-IFA1)**

Prepared & Analyzed: 6/21/2023

Arsenic	0.117			ug/L				70-130		
Copper	0.185			ug/L				70-130		
Lead	0.0630			ug/L				70-130		
Nickel	0.473			ug/L				70-130		
Zinc	1.59			ug/L				70-130		

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0324 - BGE2509 (Continued)**

**Interference Check B (SGF0324-IFB1)**

Prepared & Analyzed: 6/21/2023

Arsenic	50.1			ug/L	50.0		100	70-130		
Copper	90.1			ug/L	100		90.1	70-130		
Lead	43.2			ug/L	50.0		86.4	70-130		
Nickel	90.2			ug/L	100		90.2	70-130		
Zinc	187			ug/L	200		93.7	70-130		

**Batch: SGF0327 - BGE2509**

**Interference Check A (SGF0327-IFA1)**

Prepared & Analyzed: 6/21/2023

Arsenic	0.110			ug/L				70-130		
Copper	0.223			ug/L				70-130		
Lead	0.0650			ug/L				70-130		
Nickel	0.531			ug/L				70-130		
Zinc	1.60			ug/L				70-130		

**Interference Check B (SGF0327-IFB1)**

Prepared & Analyzed: 6/21/2023

Arsenic	50.2			ug/L	50.0		100	70-130		
Copper	91.0			ug/L	100		91.0	70-130		
Lead	46.2			ug/L	50.0		92.4	70-130		
Nickel	91.7			ug/L	100		91.7	70-130		
Zinc	191			ug/L	200		95.4	70-130		

**Batch: SGF0340 - BGE2511**

**Interference Check A (SGF0340-IFA1)**

Prepared & Analyzed: 6/22/2023

Arsenic	0.112			ug/L				70-130		
Beryllium	0.0150			ug/L				70-130		
Copper	0.734			ug/L				70-130		
Nickel	0.603			ug/L				70-130		





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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGF0340 - BGE2511 (Continued)**

**Interference Check B (SGF0340-IFB1)**

Prepared & Analyzed: 6/22/2023

Arsenic	53.8			ug/L	50.0		108	70-130		
Beryllium	20.4			ug/L	20.0		102	70-130		
Copper	98.4			ug/L	100		98.4	70-130		
Nickel	96.2			ug/L	100		96.2	70-130		

**Batch: SGF0351 - BGE2511**

**Interference Check A (SGF0351-IFA1)**

Prepared & Analyzed: 6/22/2023

Arsenic	0.0960			ug/L				70-130		
Copper	0.673			ug/L				70-130		
Nickel	0.550			ug/L				70-130		

**Interference Check B (SGF0351-IFB1)**

Prepared & Analyzed: 6/22/2023

Arsenic	51.9			ug/L	50.0		104	70-130		
Copper	95.3			ug/L	100		95.3	70-130		
Nickel	92.1			ug/L	100		92.1	70-130		

**Batch: SGF0362 - BGE2511**

**Interference Check A (SGF0362-IFA1)**

Prepared & Analyzed: 6/23/2023

Beryllium	0.00900			ug/L				70-130		
Nickel	0.578			ug/L				70-130		

**Interference Check B (SGF0362-IFB1)**

Prepared & Analyzed: 6/23/2023

Beryllium	17.6			ug/L	20.0		88.1	70-130		
Nickel	93.2			ug/L	100		93.2	70-130		

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**Quality Control**  
(Continued)

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: SGF0368 - BGE2511</b>										
<b>Interference Check A (SGF0368-IFA1)</b>										
Beryllium	0.00300			ug/L				70-130		
					Prepared & Analyzed: 6/23/2023					
<b>Interference Check B (SGF0368-IFB1)</b>										
Beryllium	17.6			ug/L	20.0		88.2	70-130		
					Prepared & Analyzed: 6/23/2023					
<b>Batch: SGF0370 - BGF1911</b>										
<b>Interference Check A (SGF0370-IFA1)</b>										
Beryllium	0.00100			ug/L				70-130		
Zinc	1.46			ug/L				70-130		
					Prepared & Analyzed: 6/23/2023					
<b>Interference Check B (SGF0370-IFB1)</b>										
Beryllium	17.7			ug/L	20.0		88.7	70-130		
Zinc	194			ug/L	200		97.1	70-130		
					Prepared & Analyzed: 6/23/2023					
<b>Batch: SGF0379 - BGF1911</b>										
<b>Interference Check A (SGF0379-IFA1)</b>										
Beryllium	0.00400			ug/L				70-130		
					Prepared & Analyzed: 6/23/2023					
<b>Interference Check B (SGF0379-IFB1)</b>										
Beryllium	17.7			ug/L	20.0		88.7	70-130		
					Prepared & Analyzed: 6/23/2023					
<b>Batch: SGG0054 - BGE2501</b>										
<b>Interference Check A (SGG0054-IFA1)</b>										
Beryllium	0.00300			ug/L				70-130		
Nickel	0.522			ug/L				70-130		
					Prepared & Analyzed: 7/6/2023					



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**Quality Control  
(Continued)**

**Metals, Total (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: SGG0054 - BGE2501 (Continued)**

**Interference Check B (SGG0054-IFB1)**

Prepared & Analyzed: 7/6/2023

Beryllium	17.5			ug/L	20.0		87.3	70-130		
Nickel	84.0			ug/L	100		84.0	70-130		



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### Sample Condition Checklist

**Work Order: 23E2845**

**Check Points**

- No Custody Seals
- Yes Containers Intact
- Yes COC/Labels Agree
- Yes Received On Ice
- Yes Appropriate Containers
- Yes Appropriate Sample Volume
- No Coolers Intact
- Yes Samples Accepted

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## Term and Qualifier Definitions

Item	Definition
B	Analyte was found in the associated method blank.
J	Estimated value - The reported value is between the detection limit and reporting limit.
J1	Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.
U	Non-detected compound.
V	Analyte was detected in both sample and method blank.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated
*	A = Accredited, N = Not Accredited or Accreditation not available
DF	Dilution Factor - the factor applied to the reported data due to sample preparation, dilution, or moisture content
MDL	Method Detection Limit - The minimum concentration of a substance (or analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. Based on standard deviation of replicate spiked samples take through all steps of the analytical procedure following 40 CFR Part 136 Appendix B.
SDL	Sample Detection Limit - The minimum concentration of a substance (analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The SDL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MDL = SDL.
MRL	Method Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The MRL is at or above the lowest calibration standard.
LRL	Laboratory Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The LRL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MRL = LRL.