WASTE STREAM IDENTIFICATION AND CHARACTERIZATION

Name of Waste Stream *(i.e., Spent Isopropyl Alcohol)*	Hazardous Waste Spill Cleanup Debris (Roll Off Box RT1342, Area 61)
Generating Location	Deer Park, Texas
Description of Waste *(i.e., used isopropyl alcohol solution)*	Spill cleanup debris and trash contaminated with chromium
Generating Process	Spill debris generated during response to firewater released from containment after berm breach.
Date of Initial Generation	May 2019
Hazardous Waste Criteria	• Listed (F, K, P or U) Waste? ☐Yes ☒No If yes, list EPA waste codes: • Characteristic Waste? o Ignitability ☐Yes ☒No (D001): Flash Point <60°C (140° F) o Corrosivity ☐Yes ☒No (D002): pH ≤ 2 or pH ≥ 12.5 o Reactivity ☐Yes ☒No (D003) o Toxicity ☒Yes ☐No (D004 – D043)
Waste Classification *(Hazardous, Controlled, or Non-hazardous Class 1, 2, or 3)*	Hazardous
Waste Codes *(include EPA and State waste codes, if applicable)*	9910 319 H, D007

Classification Rationale *(i.e., analytical testing, process knowledge, Safety Data Sheet [SDS])*

Spill debris and trash does not contain a listed waste per 40 CFR §261.30 - §261.33 and did not contact or mix with a listed hazardous waste. Per analytical testing (refer to attached summary of results) the debris is only characteristically hazardous for toxicity (chromium) per 40 CFR §§261.21-24.

See Lab Analytical Report for Samples: RT13420422A and RT13420422B.

90016331

Laboratory Analysis Report

Total Number of Pages: 28

Job ID : 19041394

10100 East Freeway, Suite 100, Houston, TX 77029 tel: 713-453-6060, fax: 713-453-6091, http://www.ablabs.com

Client Project Name :
111356

Report To :	Client Name:	Braun Intertec	P.O.#.:	
	Attn:	Austin Heider	Sample Collected By:	Andrew Philbin
	Client Address:	10075 Windfern Road	Date Collected:	04/22/19
	City, State, Zip:	Houston, Texas, 77064		

A&B Labs has analyzed the following samples...

Client Sample ID	Matrix	A&B Sample ID
RT25-500422A	Solid	19041394.01
RT25-160422A	Solid	19041394.02
ML-251600422A	Solid	19041394.03
10150422A	Solid	19041394.04
25-80422A	Solid	19041394.05
OT-255320422A	Solid	19041394.06
RT-25550422A	Solid	19041394.07
25110422A	Solid	19041394.08
RT-25570422A	Solid	19041394.09
SLD-25-91150422A	Solid	19041394.10
RT-251050422A	Solid	19041394.11
RT-251060422A	Solid	19041394.12
RT-251340422A	Solid	19041394.13
RT-25910422A	Solid	19041394.14
RT13420422A	Solid	19041394.15
RT7140422A	Soil	19041394.16

Alisha Hughes

Released By: Alisha Hughes

Title: Project Manager

Date: 5/3/2019

This Laboratory is NELAP (T104704213-19-20) accredited. Effective: 04/01/2019; Expires: 3/31/2020

Scope: Non-Potable Water, Drinking Water, Air, Solid, Biological Tissue, Hazardous Waste

I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory data package has been reviewed and is complete and technically compliant with the requirements of the methods used, except where noted in the attached exception reports. I affirm, to the best of my knowledge that all problems/anomalies observed by this laboratory (and if applicable, any and all laboratories subcontracted through this laboratory) that might affect the quality of the data, have been identified in the Laboratory Review Checklist, and that no information or data have been knowingly withheld that would affect the quality of the data.

This report cannot be reproduced, except in full, without prior written permission of A&B Labs. Results shown relate only to the items tested. Samples are assumed to be in acceptable condition unless otherwise noted. Blank correction is not made unless otherwise noted. Air concentrations reported are based on field sampling information provided by client. Soil samples are reported on a wet weight basis unless otherwise noted. Uncertainty estimates are available on request.

Date Received : 04/22/2019 19:00

LABORATORY TERM AND QUALIFIER DEFINITION REPORT

Job ID : 19041394

Date: 5/3/2019

General Term Definition

Back-Wt	Back Weight	Post-Wt	Post Weight
BRL	Below Reporting Limit	ppm	parts per million
cfu	colony-forming units	Pre-Wt	Previous Weight
Conc.	Concentration	Q	Qualifier
D.F.	Dilution Factor	RegLimit	Regulatory Limit
Front-Wt	Front Weight	RPD	Relative Percent Difference
LCS	Laboratory Check Standard	RptLimit	Reporting Limit
LCSD	Laboratory Check Standard Duplicate	SDL	Sample Detection Limit
MS	Matrix Spike	surr	Surrogate
MSD	Matrix Spike Duplicate	T	Time
MW	Molecular Weight	TNTC	Too numerous to count
J	Estimation. Below calibration range but above MDL		

Qualifier Definition

U1	Undetected at RL (Reporting Limit)

LABORATORY TEST RESULTS

Job ID : 19041394

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT25-500422A

Date Collected: 04/22/19

Time Collected: 14:15

Other Information:

Job Sample ID: 19041394.01

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	28.1	%	1	0.1			04/23/19 19:09	YSK
SW-846 8260C	TCLP VOC								
	1,1-Dichloroethylene	BRL	mg/L	1	0.13	0.6	U1	04/27/19 04:05	RT
	1,2-Dichloroethane	BRL	mg/L	1	0.13	0.5	U1	04/27/19 04:05	RT
	1,4-Dichlorobenzene	BRL	mg/L	1	0.15	7.5	U1	04/27/19 04:05	RT
	Benzene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 04:05	RT
	Carbon tetrachloride	BRL	mg/L	1	0.13	0.5	U1	04/27/19 04:05	RT
	Chlorobenzene	BRL	mg/L	1	0.15	70	U1	04/27/19 04:05	RT
	Chloroform	BRL	mg/L	1	0.13	6	U1	04/27/19 04:05	RT
	MEK	BRL	mg/L	1	0.13	200	U1	04/27/19 04:05	RT
	Tetrachloroethylene	BRL	mg/L	1	0.13	0.7	U1	04/27/19 04:05	RT
	Trichloroethylene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 04:05	RT
	Vinyl Chloride	BRL	mg/L	1	0.13	0.2	U1	04/27/19 04:05	RT
	1,2-Dichloroethane-d4(surr)	103	%	1	70-130			04/27/19 04:05	RT
	Dibromofluoromethane(surr)	101	%	1	70-130			04/27/19 04:05	RT
	p-Bromofluorobenzene(surr)	101	%	1	70-130			04/27/19 04:05	RT
	Toluene-d8(surr)	101	%	1	70-130			04/27/19 04:05	RT

LABORATORY TEST RESULTS

Job ID : 19041394

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT25-160422A

Date Collected: 04/22/19

Time Collected: 14:40

Other Information:

Job Sample ID: 19041394.02

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	1.97	%	1	0.1			04/23/19 19:09	YSK
SW-846 8260C	TCLP VOC								
	1,1-Dichloroethylene	BRL	mg/L	1	0.13	0.6	U1	04/27/19 04:40	RT
	1,2-Dichloroethane	BRL	mg/L	1	0.13	0.5	U1	04/27/19 04:40	RT
	1,4-Dichlorobenzene	BRL	mg/L	1	0.15	7.5	U1	04/27/19 04:40	RT
	Benzene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 04:40	RT
	Carbon tetrachloride	BRL	mg/L	1	0.13	0.5	U1	04/27/19 04:40	RT
	Chlorobenzene	BRL	mg/L	1	0.15	70	U1	04/27/19 04:40	RT
	Chloroform	BRL	mg/L	1	0.13	6	U1	04/27/19 04:40	RT
	MEK	BRL	mg/L	1	0.13	200	U1	04/27/19 04:40	RT
	Tetrachloroethylene	BRL	mg/L	1	0.13	0.7	U1	04/27/19 04:40	RT
	Trichloroethylene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 04:40	RT
	Vinyl Chloride	BRL	mg/L	1	0.13	0.2	U1	04/27/19 04:40	RT
	1,2-Dichloroethane-d4(surr)	99.7	%	1	70-130			04/27/19 04:40	RT
	Dibromofluoromethane(surr)	99.7	%	1	70-130			04/27/19 04:40	RT
	p-Bromofluorobenzene(surr)	102	%	1	70-130			04/27/19 04:40	RT
	Toluene-d8(surr)	99.8	%	1	70-130			04/27/19 04:40	RT

LABORATORY TEST RESULTS

Job ID : 19041394

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: ML-251600422A

Date Collected: 04/22/19

Time Collected: 15:07

Other Information:

Job Sample ID: 19041394.03

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	63.9	%	1	0.1			04/23/19 19:09	YSK
SW-846 8260C	TCLP VOC								
	1,1-Dichloroethylene	BRL	mg/L	1	0.13	0.6	U1	04/27/19 05:13	RT
	1,2-Dichloroethane	BRL	mg/L	1	0.13	0.5	U1	04/27/19 05:13	RT
	1,4-Dichlorobenzene	BRL	mg/L	1	0.15	7.5	U1	04/27/19 05:13	RT
	Benzene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 05:13	RT
	Carbon tetrachloride	BRL	mg/L	1	0.13	0.5	U1	04/27/19 05:13	RT
	Chlorobenzene	BRL	mg/L	1	0.15	70	U1	04/27/19 05:13	RT
	Chloroform	BRL	mg/L	1	0.13	6	U1	04/27/19 05:13	RT
	MEK	BRL	mg/L	1	0.13	200	U1	04/27/19 05:13	RT
	Tetrachloroethylene	BRL	mg/L	1	0.13	0.7	U1	04/27/19 05:13	RT
	Trichloroethylene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 05:13	RT
	Vinyl Chloride	BRL	mg/L	1	0.13	0.2	U1	04/27/19 05:13	RT
	1,2-Dichloroethane-d4(surr)	104	%	1	70-130			04/27/19 05:13	RT
	Dibromofluoromethane(surr)	101	%	1	70-130			04/27/19 05:13	RT
	p-Bromofluorobenzene(surr)	98.9	%	1	70-130			04/27/19 05:13	RT
	Toluene-d8(surr)	100	%	1	70-130			04/27/19 05:13	RT

LABORATORY TEST RESULTS

Job ID : 19041394

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: 10150422A

Date Collected: 04/22/19

Time Collected: 11:00

Other Information:

Job Sample ID: 19041394.04

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	23.2	%	1	0.1			04/23/19 19:09	YSK
SW-846 8260C	TCLP VOC								
	1,1-Dichloroethylene	BRL	mg/L	1	0.13	0.6	U1	04/27/19 05:47	RT
	1,2-Dichloroethane	BRL	mg/L	1	0.13	0.5	U1	04/27/19 05:47	RT
	1,4-Dichlorobenzene	BRL	mg/L	1	0.15	7.5	U1	04/27/19 05:47	RT
	Benzene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 05:47	RT
	Carbon tetrachloride	BRL	mg/L	1	0.13	0.5	U1	04/27/19 05:47	RT
	Chlorobenzene	BRL	mg/L	1	0.15	70	U1	04/27/19 05:47	RT
	Chloroform	BRL	mg/L	1	0.13	6	U1	04/27/19 05:47	RT
	MEK	BRL	mg/L	1	0.13	200	U1	04/27/19 05:47	RT
	Tetrachloroethylene	BRL	mg/L	1	0.13	0.7	U1	04/27/19 05:47	RT
	Trichloroethylene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 05:47	RT
	Vinyl Chloride	BRL	mg/L	1	0.13	0.2	U1	04/27/19 05:47	RT
	1,2-Dichloroethane-d4(surr)	105	%	1	70-130			04/27/19 05:47	RT
	Dibromofluoromethane(surr)	102	%	1	70-130			04/27/19 05:47	RT
	p-Bromofluorobenzene(surr)	101	%	1	70-130			04/27/19 05:47	RT
	Toluene-d8(surr)	100	%	1	70-130			04/27/19 05:47	RT

LABORATORY TEST RESULTS

Job ID : 19041394

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: 25-80422A

Date Collected: 04/22/19

Time Collected: 11:48

Other Information:

Job Sample ID: 19041394.05

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	16.4	%	1	0.1			04/23/19 19:09	YSK
SW-846 8260C	TCLP VOC								
	1,1-Dichloroethylene	BRL	mg/L	1	0.13	0.6	U1	04/27/19 06:21	RT
	1,2-Dichloroethane	BRL	mg/L	1	0.13	0.5	U1	04/27/19 06:21	RT
	1,4-Dichlorobenzene	BRL	mg/L	1	0.15	7.5	U1	04/27/19 06:21	RT
	Benzene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 06:21	RT
	Carbon tetrachloride	BRL	mg/L	1	0.13	0.5	U1	04/27/19 06:21	RT
	Chlorobenzene	BRL	mg/L	1	0.15	70	U1	04/27/19 06:21	RT
	Chloroform	BRL	mg/L	1	0.13	6	U1	04/27/19 06:21	RT
	MEK	BRL	mg/L	1	0.13	200	U1	04/27/19 06:21	RT
	Tetrachloroethylene	BRL	mg/L	1	0.13	0.7	U1	04/27/19 06:21	RT
	Trichloroethylene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 06:21	RT
	Vinyl Chloride	BRL	mg/L	1	0.13	0.2	U1	04/27/19 06:21	RT
	1,2-Dichloroethane-d4(surr)	105	%	1	70-130			04/27/19 06:21	RT
	Dibromofluoromethane(surr)	102	%	1	70-130			04/27/19 06:21	RT
	p-Bromofluorobenzene(surr)	101	%	1	70-130			04/27/19 06:21	RT
	Toluene-d8(surr)	99.2	%	1	70-130			04/27/19 06:21	RT

LABORATORY TEST RESULTS

Job ID : 19041394

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: OT-255320422A

Date Collected: 04/22/19

Time Collected: 12:25

Other Information:

Job Sample ID: 19041394.06

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	2.67	%	1	0.1			04/23/19 19:09	YSK
SW-846 8260C	TCLP VOC								
	1,1-Dichloroethylene	BRL	mg/L	1	0.13	0.6	U1	04/27/19 06:55	RT
	1,2-Dichloroethane	BRL	mg/L	1	0.13	0.5	U1	04/27/19 06:55	RT
	1,4-Dichlorobenzene	BRL	mg/L	1	0.15	7.5	U1	04/27/19 06:55	RT
	Benzene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 06:55	RT
	Carbon tetrachloride	BRL	mg/L	1	0.13	0.5	U1	04/27/19 06:55	RT
	Chlorobenzene	BRL	mg/L	1	0.15	70	U1	04/27/19 06:55	RT
	Chloroform	BRL	mg/L	1	0.13	6	U1	04/27/19 06:55	RT
	MEK	BRL	mg/L	1	0.13	200	U1	04/27/19 06:55	RT
	Tetrachloroethylene	BRL	mg/L	1	0.13	0.7	U1	04/27/19 06:55	RT
	Trichloroethylene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 06:55	RT
	Vinyl Chloride	BRL	mg/L	1	0.13	0.2	U1	04/27/19 06:55	RT
	1,2-Dichloroethane-d4(surr)	108	%	1	70-130			04/27/19 06:55	RT
	Dibromofluoromethane(surr)	102	%	1	70-130			04/27/19 06:55	RT
	p-Bromofluorobenzene(surr)	100	%	1	70-130			04/27/19 06:55	RT
	Toluene-d8(surr)	101	%	1	70-130			04/27/19 06:55	RT

LABORATORY TEST RESULTS

Job ID : 19041394

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT-25550422A

Date Collected: 04/22/19

Time Collected: 13:45

Other Information:

Job Sample ID: 19041394.07

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	17.7	%	1	0.1			04/23/19 19:09	YSK
SW-846 8260C	TCLP VOC								
	1,1-Dichloroethylene	BRL	mg/L	1	0.13	0.6	U1	04/27/19 07:29	RT
	1,2-Dichloroethane	BRL	mg/L	1	0.13	0.5	U1	04/27/19 07:29	RT
	1,4-Dichlorobenzene	BRL	mg/L	1	0.15	7.5	U1	04/27/19 07:29	RT
	Benzene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 07:29	RT
	Carbon tetrachloride	BRL	mg/L	1	0.13	0.5	U1	04/27/19 07:29	RT
	Chlorobenzene	BRL	mg/L	1	0.15	70	U1	04/27/19 07:29	RT
	Chloroform	BRL	mg/L	1	0.13	6	U1	04/27/19 07:29	RT
	MEK	BRL	mg/L	1	0.13	200	U1	04/27/19 07:29	RT
	Tetrachloroethylene	BRL	mg/L	1	0.13	0.7	U1	04/27/19 07:29	RT
	Trichloroethylene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 07:29	RT
	Vinyl Chloride	BRL	mg/L	1	0.13	0.2	U1	04/27/19 07:29	RT
	1,2-Dichloroethane-d4(surr)	102	%	1	70-130			04/27/19 07:29	RT
	Dibromofluoromethane(surr)	102	%	1	70-130			04/27/19 07:29	RT
	p-Bromofluorobenzene(surr)	100	%	1	70-130			04/27/19 07:29	RT
	Toluene-d8(surr)	101	%	1	70-130			04/27/19 07:29	RT

LABORATORY TEST RESULTS

Job ID : 19041394

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: 25110422A

Date Collected: 04/22/19

Time Collected: 11:40

Other Information:

Job Sample ID: 19041394.08

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	19.8	%	1	0.1			04/23/19 19:09	YSK
SW-846 8260C	TCLP VOC								
	1,1-Dichloroethylene	BRL	mg/L	1	0.13	0.6	U1	04/27/19 08:03	RT
	1,2-Dichloroethane	BRL	mg/L	1	0.13	0.5	U1	04/27/19 08:03	RT
	1,4-Dichlorobenzene	BRL	mg/L	1	0.15	7.5	U1	04/27/19 08:03	RT
	Benzene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 08:03	RT
	Carbon tetrachloride	BRL	mg/L	1	0.13	0.5	U1	04/27/19 08:03	RT
	Chlorobenzene	BRL	mg/L	1	0.15	70	U1	04/27/19 08:03	RT
	Chloroform	BRL	mg/L	1	0.13	6	U1	04/27/19 08:03	RT
	MEK	BRL	mg/L	1	0.13	200	U1	04/27/19 08:03	RT
	Tetrachloroethylene	BRL	mg/L	1	0.13	0.7	U1	04/27/19 08:03	RT
	Trichloroethylene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 08:03	RT
	Vinyl Chloride	BRL	mg/L	1	0.13	0.2	U1	04/27/19 08:03	RT
	1,2-Dichloroethane-d4(surr)	106	%	1	70-130			04/27/19 08:03	RT
	Dibromofluoromethane(surr)	102	%	1	70-130			04/27/19 08:03	RT
	p-Bromofluorobenzene(surr)	101	%	1	70-130			04/27/19 08:03	RT
	Toluene-d8(surr)	101	%	1	70-130			04/27/19 08:03	RT

LABORATORY TEST RESULTS

Job ID : 19041394

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT-25570422A

Date Collected: 04/22/19

Time Collected: 12:10

Other Information:

Job Sample ID: 19041394.09

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	6.74	%	1	0.1			04/23/19 19:09	YSK
SW-846 8260C	TCLP VOC								
	1,1-Dichloroethylene	BRL	mg/L	1	0.13	0.6	U1	04/27/19 08:37	RT
	1,2-Dichloroethane	BRL	mg/L	1	0.13	0.5	U1	04/27/19 08:37	RT
	1,4-Dichlorobenzene	BRL	mg/L	1	0.15	7.5	U1	04/27/19 08:37	RT
	Benzene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 08:37	RT
	Carbon tetrachloride	BRL	mg/L	1	0.13	0.5	U1	04/27/19 08:37	RT
	Chlorobenzene	BRL	mg/L	1	0.15	70	U1	04/27/19 08:37	RT
	Chloroform	BRL	mg/L	1	0.13	6	U1	04/27/19 08:37	RT
	MEK	BRL	mg/L	1	0.13	200	U1	04/27/19 08:37	RT
	Tetrachloroethylene	BRL	mg/L	1	0.13	0.7	U1	04/27/19 08:37	RT
	Trichloroethylene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 08:37	RT
	Vinyl Chloride	BRL	mg/L	1	0.13	0.2	U1	04/27/19 08:37	RT
	1,2-Dichloroethane-d4(surr)	107	%	1	70-130			04/27/19 08:37	RT
	Dibromofluoromethane(surr)	106	%	1	70-130			04/27/19 08:37	RT
	p-Bromofluorobenzene(surr)	99.4	%	1	70-130			04/27/19 08:37	RT
	Toluene-d8(surr)	99.8	%	1	70-130			04/27/19 08:37	RT

LABORATORY TEST RESULTS

Job ID : 19041394

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: SLD-25-91150422A

Date Collected: 04/22/19

Time Collected: 13:35

Other Information:

Job Sample ID: 19041394.10

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	8.06	%	1	0.1			04/23/19 19:09	YSK
SW-846 8260C	TCLP VOC								
	1,1-Dichloroethylene	BRL	mg/L	1	0.13	0.6	U1	04/27/19 09:12	RT
	1,2-Dichloroethane	BRL	mg/L	1	0.13	0.5	U1	04/27/19 09:12	RT
	1,4-Dichlorobenzene	BRL	mg/L	1	0.15	7.5	U1	04/27/19 09:12	RT
	Benzene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 09:12	RT
	Carbon tetrachloride	BRL	mg/L	1	0.13	0.5	U1	04/27/19 09:12	RT
	Chlorobenzene	BRL	mg/L	1	0.15	70	U1	04/27/19 09:12	RT
	Chloroform	BRL	mg/L	1	0.13	6	U1	04/27/19 09:12	RT
	MEK	BRL	mg/L	1	0.13	200	U1	04/27/19 09:12	RT
	Tetrachloroethylene	BRL	mg/L	1	0.13	0.7	U1	04/27/19 09:12	RT
	Trichloroethylene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 09:12	RT
	Vinyl Chloride	BRL	mg/L	1	0.13	0.2	U1	04/27/19 09:12	RT
	1,2-Dichloroethane-d4(surr)	105	%	1	70-130			04/27/19 09:12	RT
	Dibromofluoromethane(surr)	104	%	1	70-130			04/27/19 09:12	RT
	p-Bromofluorobenzene(surr)	101	%	1	70-130			04/27/19 09:12	RT
	Toluene-d8(surr)	99.8	%	1	70-130			04/27/19 09:12	RT

LABORATORY TEST RESULTS

Job ID : 19041394

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT-251050422A

Date Collected: 04/22/19

Time Collected: 14:00

Other Information:

Job Sample ID: 19041394.11

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	9.86	%	1	0.1			04/23/19 19:09	YSK
SW-846 8260C	TCLP VOC								
	1,1-Dichloroethylene	BRL	mg/L	1	0.13	0.6	U1	04/27/19 10:58	RT
	1,2-Dichloroethane	BRL	mg/L	1	0.13	0.5	U1	04/27/19 10:58	RT
	1,4-Dichlorobenzene	BRL	mg/L	1	0.15	7.5	U1	04/27/19 10:58	RT
	Benzene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 10:58	RT
	Carbon tetrachloride	BRL	mg/L	1	0.13	0.5	U1	04/27/19 10:58	RT
	Chlorobenzene	BRL	mg/L	1	0.15	70	U1	04/27/19 10:58	RT
	Chloroform	BRL	mg/L	1	0.13	6	U1	04/27/19 10:58	RT
	MEK	BRL	mg/L	1	0.13	200	U1	04/27/19 10:58	RT
	Tetrachloroethylene	BRL	mg/L	1	0.13	0.7	U1	04/27/19 10:58	RT
	Trichloroethylene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 10:58	RT
	Vinyl Chloride	BRL	mg/L	1	0.13	0.2	U1	04/27/19 10:58	RT
	1,2-Dichloroethane-d4(surr)	108	%	1	70-130			04/27/19 10:58	RT
	Dibromofluoromethane(surr)	105	%	1	70-130			04/27/19 10:58	RT
	p-Bromofluorobenzene(surr)	101	%	1	70-130			04/27/19 10:58	RT
	Toluene-d8(surr)	100	%	1	70-130			04/27/19 10:58	RT

LABORATORY TEST RESULTS

Job ID : 19041394

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT-251060422A

Date Collected: 04/22/19

Time Collected: 14:25

Other Information:

Job Sample ID: 19041394.12

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	BRL	%	1	0.1		U1	04/23/19 19:09	YSK
SW-846 8260C	TCLP VOC								
	1,1-Dichloroethylene	BRL	mg/L	1	0.13	0.6	U1	04/27/19 11:33	RT
	1,2-Dichloroethane	BRL	mg/L	1	0.13	0.5	U1	04/27/19 11:33	RT
	1,4-Dichlorobenzene	BRL	mg/L	1	0.15	7.5	U1	04/27/19 11:33	RT
	Benzene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 11:33	RT
	Carbon tetrachloride	BRL	mg/L	1	0.13	0.5	U1	04/27/19 11:33	RT
	Chlorobenzene	BRL	mg/L	1	0.15	70	U1	04/27/19 11:33	RT
	Chloroform	BRL	mg/L	1	0.13	6	U1	04/27/19 11:33	RT
	MEK	BRL	mg/L	1	0.13	200	U1	04/27/19 11:33	RT
	Tetrachloroethylene	BRL	mg/L	1	0.13	0.7	U1	04/27/19 11:33	RT
	Trichloroethylene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 11:33	RT
	Vinyl Chloride	BRL	mg/L	1	0.13	0.2	U1	04/27/19 11:33	RT
	1,2-Dichloroethane-d4(surr)	109	%	1	70-130			04/27/19 11:33	RT
	Dibromofluoromethane(surr)	102	%	1	70-130			04/27/19 11:33	RT
	p-Bromofluorobenzene(surr)	101	%	1	70-130			04/27/19 11:33	RT
	Toluene-d8(surr)	101	%	1	70-130			04/27/19 11:33	RT

LABORATORY TEST RESULTS

Job ID : 19041394

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT-251340422A

Date Collected: 04/22/19

Time Collected: 14:55

Other Information:

Job Sample ID: 19041394.13

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	8.66	%	1	0.1			04/23/19 19:09	YSK
SW-846 8260C	TCLP VOC								
	1,1-Dichloroethylene	BRL	mg/L	1	0.13	0.6	U1	04/27/19 12:09	RT
	1,2-Dichloroethane	BRL	mg/L	1	0.13	0.5	U1	04/27/19 12:09	RT
	1,4-Dichlorobenzene	BRL	mg/L	1	0.15	7.5	U1	04/27/19 12:09	RT
	Benzene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 12:09	RT
	Carbon tetrachloride	BRL	mg/L	1	0.13	0.5	U1	04/27/19 12:09	RT
	Chlorobenzene	BRL	mg/L	1	0.15	70	U1	04/27/19 12:09	RT
	Chloroform	BRL	mg/L	1	0.13	6	U1	04/27/19 12:09	RT
	MEK	BRL	mg/L	1	0.13	200	U1	04/27/19 12:09	RT
	Tetrachloroethylene	BRL	mg/L	1	0.13	0.7	U1	04/27/19 12:09	RT
	Trichloroethylene	BRL	mg/L	1	0.13	0.5	U1	04/27/19 12:09	RT
	Vinyl Chloride	BRL	mg/L	1	0.13	0.2	U1	04/27/19 12:09	RT
	1,2-Dichloroethane-d4(surr)	107	%	1	70-130			04/27/19 12:09	RT
	Dibromofluoromethane(surr)	104	%	1	70-130			04/27/19 12:09	RT
	p-Bromofluorobenzene(surr)	102	%	1	70-130			04/27/19 12:09	RT
	Toluene-d8(surr)	101	%	1	70-130			04/27/19 12:09	RT

LABORATORY TEST RESULTS

Job ID : 19041394

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT-25910422A

Date Collected: 04/22/19

Time Collected: 15:30

Other Information:

Job Sample ID: 19041394.14

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	19.6	%	1	0.1			04/23/19 19:09	YSK
SW-846 8260C	TCLP VOC								
	1,1-Dichloroethylene	BRL	mg/L	1	0.13	0.6	U1	04/28/19 04:16	RT
	1,2-Dichloroethane	BRL	mg/L	1	0.13	0.5	U1	04/28/19 04:16	RT
	1,4-Dichlorobenzene	BRL	mg/L	1	0.15	7.5	U1	04/28/19 04:16	RT
	Benzene	BRL	mg/L	1	0.13	0.5	U1	04/28/19 04:16	RT
	Carbon tetrachloride	BRL	mg/L	1	0.13	0.5	U1	04/28/19 04:16	RT
	Chlorobenzene	BRL	mg/L	1	0.15	70	U1	04/28/19 04:16	RT
	Chloroform	BRL	mg/L	1	0.13	6	U1	04/28/19 04:16	RT
	MEK	BRL	mg/L	1	0.13	200	U1	04/28/19 04:16	RT
	Tetrachloroethylene	BRL	mg/L	1	0.13	0.7	U1	04/28/19 04:16	RT
	Trichloroethylene	BRL	mg/L	1	0.13	0.5	U1	04/28/19 04:16	RT
	Vinyl Chloride	BRL	mg/L	1	0.13	0.2	U1	04/28/19 04:16	RT
	1,2-Dichloroethane-d4(surr)	110	%	1	70-130			04/28/19 04:16	RT
	Dibromofluoromethane(surr)	106	%	1	70-130			04/28/19 04:16	RT
	p-Bromofluorobenzene(surr)	102	%	1	70-130			04/28/19 04:16	RT
	Toluene-d8(surr)	99.5	%	1	70-130			04/28/19 04:16	RT

LABORATORY TEST RESULTS

Job ID : 19041394

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT13420422A

Date Collected: 04/22/19

Time Collected: 15:50

Other Information:

Job Sample ID: 19041394.15

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	1.19	%	1	0.1			04/23/19 19:09	YSK
SW-846 8260C	TCLP VOC								
	1,1-Dichloroethylene	BRL	mg/L	1	0.13	0.6	U1	04/28/19 04:54	RT
	1,2-Dichloroethane	BRL	mg/L	1	0.13	0.5	U1	04/28/19 04:54	RT
	1,4-Dichlorobenzene	BRL	mg/L	1	0.15	7.5	U1	04/28/19 04:54	RT
	Benzene	BRL	mg/L	1	0.13	0.5	U1	04/28/19 04:54	RT
	Carbon tetrachloride	BRL	mg/L	1	0.13	0.5	U1	04/28/19 04:54	RT
	Chlorobenzene	BRL	mg/L	1	0.15	70	U1	04/28/19 04:54	RT
	Chloroform	BRL	mg/L	1	0.13	6	U1	04/28/19 04:54	RT
	MEK	BRL	mg/L	1	0.13	200	U1	04/28/19 04:54	RT
	Tetrachloroethylene	BRL	mg/L	1	0.13	0.7	U1	04/28/19 04:54	RT
	Trichloroethylene	BRL	mg/L	1	0.13	0.5	U1	04/28/19 04:54	RT
	Vinyl Chloride	BRL	mg/L	1	0.13	0.2	U1	04/28/19 04:54	RT
	1,2-Dichloroethane-d4(surr)	109	%	1	70-130			04/28/19 04:54	RT
	Dibromofluoromethane(surr)	105	%	1	70-130			04/28/19 04:54	RT
	p-Bromofluorobenzene(surr)	102	%	1	70-130			04/28/19 04:54	RT
	Toluene-d8(surr)	101	%	1	70-130			04/28/19 04:54	RT

LABORATORY TEST RESULTS

Job ID : 19041394

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT7140422A

Date Collected: 04/22/19

Time Collected: 15:42

Other Information:

Job Sample ID: 19041394.16

Sample Matrix Soil

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	18.2	%	1	0.1			04/23/19 19:09	YSK
SW-846 8260C	TCLP VOC								
	1,1-Dichloroethylene	BRL	mg/L	1	0.13	0.6	U1	04/28/19 05:32	RT
	1,2-Dichloroethane	BRL	mg/L	1	0.13	0.5	U1	04/28/19 05:32	RT
	1,4-Dichlorobenzene	BRL	mg/L	1	0.15	7.5	U1	04/28/19 05:32	RT
	Benzene	0.340	mg/L	1	0.13	0.5		04/28/19 05:32	RT
	Carbon tetrachloride	BRL	mg/L	1	0.13	0.5	U1	04/28/19 05:32	RT
	Chlorobenzene	BRL	mg/L	1	0.15	70	U1	04/28/19 05:32	RT
	Chloroform	BRL	mg/L	1	0.13	6	U1	04/28/19 05:32	RT
	MEK	BRL	mg/L	1	0.13	200	U1	04/28/19 05:32	RT
	Tetrachloroethylene	BRL	mg/L	1	0.13	0.7	U1	04/28/19 05:32	RT
	Trichloroethylene	BRL	mg/L	1	0.13	0.5	U1	04/28/19 05:32	RT
	Vinyl Chloride	BRL	mg/L	1	0.13	0.2	U1	04/28/19 05:32	RT
	1,2-Dichloroethane-d4(surr)	112	%	1	70-130			04/28/19 05:32	RT
	Dibromofluoromethane(surr)	107	%	1	70-130			04/28/19 05:32	RT
	p-Bromofluorobenzene(surr)	101	%	1	70-130			04/28/19 05:32	RT
	Toluene-d8(surr)	99.2	%	1	70-130			04/28/19 05:32	RT

QUALITY CONTROL CERTIFICATE

Job ID : 19041394 **Date :** 5/3/2019

Analysis : % Moisture **Method : SM 2540G** **Reporting Units : %**

QC Batch ID : Qb190423109 **Created Date :** 04/23/19 **Created By :** SKYanduru

Samples in This QC Batch : 19041394.01,02,03,04,05

Sample Preparation : PB19042367 **Prep Method :** SM 2540G **Prep Date :** 04/23/19 19:00 **Prep By :** SKYanduru

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	RptLimit		Qual
% Moisture		BRL	%	1	0.1		

QC Type: Duplicate

QC Sample ID: 19041268.01

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
% Moisture	20	18.2	%	9.4	20		

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 19041394 **Date :** 5/3/2019

Analysis : % Moisture **Method : SM 2540G** **Reporting Units : %**

QC Batch ID : Qb190423110 **Created Date :** 04/23/19 **Created By :** SKYanduru

Samples in This QC Batch : 19041394.06,07,08,09,10,11,12,13,14

Sample Preparation : PB19042367 **Prep Method :** SM 2540G **Prep Date :** 04/23/19 19:00 **Prep By :** SKYanduru

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	RptLimit		Qual
% Moisture		BRL	%	1	0.1		

QC Type: Duplicate

QC Sample ID: 19041385.01

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
% Moisture	4	3.97	%	0.8	20		

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 19041394 **Date :** 5/3/2019

Analysis : % Moisture **Method : SM 2540G** **Reporting Units : %**

QC Batch ID : Qb190423111 **Created Date :** 04/23/19 **Created By :** SKYanduru

Samples in This QC Batch : 19041394.15,16

Sample Preparation : PB19042367 **Prep Method :** SM 2540G **Prep Date :** 04/23/19 19:00 **Prep By :** SKYanduru

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	RptLimit		Qual
% Moisture		BRL	%	1	0.1		

QC Type: Duplicate

QC Sample ID: 19041449.09

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
% Moisture	3.64	21.9	%	143	20		

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 19041394 **Date :** 5/3/2019

Analysis : **TCLP VOC** **Method :** **SW-846 8260C** **Reporting Units :** **mg/L**

QC Batch ID : Qb19042708 **Created Date :** 04/26/19 **Created By :** Rajeev

Samples in This QC Batch : 19041394.01,02,03,04,05,06,07,08,09,10,11,12,13

Sample Preparation : PB19042703 **Prep Method :** SW-846 5030C **Prep Date :** 04/26/19 14:00 **Prep By :** Rajeev
TCLP Prep : PB19042610 **Prep Method :** SW-846 1311 **Prep Date :** 04/25/19 18:00 **Prep By :** Msoria

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	RptLimit		Qual
1,1-Dichloroethylene	75-35-4	BRL	mg/L	1	0.13		
1,2-Dichloroethane	107-06-2	BRL	mg/L	1	0.13		
1,4-Dichlorobenzene	106-46-7	BRL	mg/L	1	0.13		
Benzene	71-43-2	BRL	mg/L	1	0.13		
Carbon tetrachloride	56-23-5	BRL	mg/L	1	0.13		
Chlorobenzene	108-90-7	BRL	mg/L	1	0.13		
Chloroform	67-66-3	BRL	mg/L	1	0.13		
MEK	78-93-3	BRL	mg/L	1	0.13		
Tetrachloroethylene	127-18-4	BRL	mg/L	1	0.13		
Trichloroethylene	79-01-6	BRL	mg/L	1	0.13		
Vinyl Chloride	75-01-4	BRL	mg/L	1	0.13		
1,2-Dichloroethane-d4(surr	17060-07-0	98.9	%	1	70-130		
Dibromofluoromethane(surr	1868-53-7	98.8	%	1	70-130		
p-Bromofluorobenzene(surr	460-00-4	96.8	%	1	70-130		
Toluene-d8(surr)	2037-26-5	100	%	1	70-130		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
1,1-Dichloroethylene	0.5	0.375	74.9	0.5	0.390	78	4	35	70-130	
1,2-Dichloroethane	0.5	0.496	99.2	0.5	0.499	99.9	0.6	35	70-130	
1,4-Dichlorobenzene	0.5	0.516	103	0.5	0.519	104	0.6	35	70-130	
Benzene	0.5	0.490	98.1	0.5	0.489	97.7	0.3	35	70-130	
Carbon tetrachloride	0.5	0.443	88.7	0.5	0.453	90.6	2.1	35	70-130	
Chlorobenzene	0.5	0.498	99.6	0.5	0.498	99.5	0.0	35	70-130	
Chloroform	0.5	0.492	98.4	0.5	0.485	96.9	1.4	35	70-130	
MEK	0.5	0.612	122	0.5	0.560	112	8.8	35	70-130	
Tetrachloroethylene	0.5	0.509	102	0.5	0.523	105	2.8	35	70-130	
Trichloroethylene	0.5	0.480	96	0.5	0.485	97	1.1	35	70-130	
Vinyl Chloride	0.5	0.436	87.2	0.5	0.441	88.1	1.2	35	70-130	

QC Type: MS and MSD
QC Sample ID: 19041576.21

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
1,1-Dichloroethylene	BRL	0.5	0.390	78						70-130	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 19041394 **Date :** 5/3/2019

Analysis : TCLP VOC **Method : SW-846 8260C** **Reporting Units : mg/L**

QC Batch ID : Qb19042708 **Created Date :** 04/26/19 **Created By :** Rajeev

Samples in This QC Batch : 19041394.01,02,03,04,05,06,07,08,09,10,11,12,13

QC Type: MS and MSD
QC Sample ID: 19041576.21

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
1,2-Dichloroethane	BRL	0.5	0.506	101						70-130	
1,4-Dichlorobenzene	BRL	0.5	0.514	103						70-130	
Benzene	BRL	0.5	0.490	98						70-130	
Carbon tetrachloride	BRL	0.5	0.446	89.2						70-130	
Chlorobenzene	BRL	0.5	0.498	99.6						70-130	
Chloroform	BRL	0.5	0.488	97.6						70-130	
MEK	BRL	0.5	0.539	108						70-130	
Tetrachloroethylene	BRL	0.5	0.454	90.8						70-130	
Trichloroethylene	BRL	0.5	0.482	96.5						70-130	
Vinyl Chloride	BRL	0.5	0.436	87.2						70-130	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 19041394 **Date :** 5/3/2019

Analysis : TCLP VOC **Method : SW-846 8260C** **Reporting Units : mg/L**

QC Batch ID : Qb19042802 **Created Date :** 04/27/19 **Created By :** Rajeev

Samples in This QC Batch : 19041394.14,15,16

Sample Preparation : PB19042802 **Prep Method :** SW-846 5030C **Prep Date :** 04/27/19 10:00 **Prep By :** Rajeev
TCLP Prep : PB19042610 **Prep Method :** SW-846 1311 **Prep Date :** 04/25/19 18:00 **Prep By :** Msoria

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	RptLimit		Qual
1,1-Dichloroethylene	75-35-4	BRL	mg/L	1	0.13		
1,2-Dichloroethane	107-06-2	BRL	mg/L	1	0.13		
1,4-Dichlorobenzene	106-46-7	BRL	mg/L	1	0.13		
Benzene	71-43-2	BRL	mg/L	1	0.13		
Carbon tetrachloride	56-23-5	BRL	mg/L	1	0.13		
Chlorobenzene	108-90-7	BRL	mg/L	1	0.13		
Chloroform	67-66-3	BRL	mg/L	1	0.13		
MEK	78-93-3	BRL	mg/L	1	0.13		
Tetrachloroethylene	127-18-4	BRL	mg/L	1	0.13		
Trichloroethylene	79-01-6	BRL	mg/L	1	0.13		
Vinyl Chloride	75-01-4	BRL	mg/L	1	0.13		
1,2-Dichloroethane-d4(surr	17060-07-0	104	%	1	70-130		
Dibromofluoromethane(surr	1868-53-7	105	%	1	70-130		
p-Bromofluorobenzene(surr	460-00-4	102	%	1	70-130		
Toluene-d8(surr)	2037-26-5	99.9	%	1	70-130		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
1,1-Dichloroethylene	0.5	0.431	86.3	0.5	0.426	85.3	1.3	35	70-130	
1,2-Dichloroethane	0.5	0.546	109	0.5	0.536	107	1.8	35	70-130	
1,4-Dichlorobenzene	0.5	0.534	107	0.5	0.534	107	0.0	35	70-130	
Benzene	0.5	0.526	105	0.5	0.516	103	1.9	35	70-130	
Carbon tetrachloride	0.5	0.460	92	0.5	0.459	91.7	0.2	35	70-130	
Chlorobenzene	0.5	0.515	103	0.5	0.511	102	0.8	35	70-130	
Chloroform	0.5	0.535	107	0.5	0.528	106	1.2	35	70-130	
MEK	0.5	0.643	129	0.5	0.640	128	0.4	35	70-130	
Tetrachloroethylene	0.5	0.509	102	0.5	0.490	98	3.7	35	70-130	
Trichloroethylene	0.5	0.514	103	0.5	0.503	101	2.1	35	70-130	
Vinyl Chloride	0.5	0.555	111	0.5	0.555	111	0.1	35	70-130	

QC Type: MS and MSD
QC Sample ID: 19041537.02

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
1,1-Dichloroethylene	BRL	0.5	0.449	89.7						70-130	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 19041394 **Date :** 5/3/2019

Analysis : TCLP VOC **Method : SW-846 8260C** **Reporting Units : mg/L**

QC Batch ID : Qb19042802 **Created Date :** 04/27/19 **Created By :** Rajeev

Samples in This QC Batch : 19041394.14,15,16

QC Type: MS and MSD
QC Sample ID: 19041537.02

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
1,2-Dichloroethane	BRL	0.5	0.533	107						70-130	
1,4-Dichlorobenzene	BRL	0.5	0.550	110						70-130	
Benzene	BRL	0.5	0.541	108						70-130	
Carbon tetrachloride	BRL	0.5	0.488	97.5						70-130	
Chlorobenzene	BRL	0.5	0.536	107						70-130	
Chloroform	BRL	0.5	0.554	111						70-130	
MEK	BRL	0.5	0.478	95.5						70-130	
Tetrachloroethylene	BRL	0.5	0.491	98.2						70-130	
Trichloroethylene	BRL	0.5	0.522	104						70-130	
Vinyl Chloride	BRL	0.5	0.565	113						70-130	

Refer to the Definition page for terms.

A & B Labs — *Chain of Custody*

The Chain of Custody is a Legal Document

10100 East Fwy (I-10)
Suite 100
Houston, TX 77029
713-453-6060
1-877-478-6060 Toll Free
713-453-6091 Fax
ablabs.com

A&B JOB ID # 19041394

5. Project # B1902725

1. REPORT TO:
Company: WSM Environmental
Address: 906 E. 18th St. Plano, TX 75074
Contact: Austin Heider
Phone: 713-316-2025
Fax: ☐
E-mail: ☐ aheider@braunintertec.com

2. INVOICE TO:
Company:
Address: 906 E. 18th St. Plano, TX 75074
Contact:
Phone:
Fax: ☐
E-mail: ☐

3. PO #
3a. A&B Quote #
4. Turnaround Time (Business Days)
☒ 1 Day* ☐ Other: Rush
☐ 2 Days*
☐ 3 Days* *Surcharge applies
☐ 7 Days - Standard

6. Project Name/Location: ITC Waste Sampling

7. Reporting Requirement:
☐ TRRP Limits only ☐ TRRP Rpt. Package ☐ See Attached ☐ Standard Level II ☐ PST ☐ MDL ☐ EDD

8. Sampler's Name & Company (PLEASE PRINT): Jess Martin WSM Environmental
Sampler's Signature & Date: Jess Martin 4/25/2019

LAB USE ONLY	9. Sample ID and Description	10. Sampling Date	Time 24hr	11. Comp.	Grab	12. Matrix: Water	Soil	Sludge	Oil	Drinking Water	Air	Other	13. No. of Containers	14. Containers* / 15. Preservatives** / 16. PH-Lab Only / 17. Analyses/Methods: TCLP VOCs	Dry weight	18. REMARKS
.07B	RT-25550422A	4.25.19	1245									X	1	X		
.01B	RT 25500422A		1250									X	1	X		
.02B	RT 25-160422A		1300									X	1	X		
.14B	RT-25910422A		1305									X	1	X		
.15B	RT 13420422A		1306									X	1	X		
.03B	ML-251600422A		1310									X	1	X		
.05B	25-80422A		1245									X	1	X		
.09B	RT25570422A		1250									X	1	X		
.06B	RT 255320422A		1252									X	1	X		
.10B	SLD-25-911504 22A		1255									X	1	X		

19. RELINQUISHED BY	DATE	TIME	20. RECEIVED BY	DATE	TIME
1 Andrew Philbin	4.25.19	16:45	[signature]	4/25/19	1645
2					
3					

21. KNOWN HAZARDS/COMMENTS

Temperature: 25.5-2.0 °C
Thermometer ID 170 Hug
Intact: Y or N Initials AB

*Containers: VOA - 40 ml vial; 4 oz/8 oz - glass wide mouth; A/G - Amber/Glass 1 Liter; P/O - Plastic/other

**Preservatives: C - Cool; OH - NaOH; H - HCl; T - $NA_2S_2O_3$; N - HNO_3; X - Other; S - H_2SO_4

METHOD OF SHIPMENT

BILL OF LADING/TRACKING #

A&B cannot accept verbal changes
Please FAX written changes to 713-453-6091

LAB USE ONLY SAMPLING ____ RENTAL ____ P/U ____ Supplies ____ Field Work ____

Samples will be disposed of after 30 days
A&B reserves the right to return samples

ab-s001-0516

A & B Labs — *Chain of Custody*

The Chain of Custody is a Legal Document

10100 East Fwy (I-10)
Suite 100
Houston, TX 77029
713-453-6060
1-877-478-6060 Toll Free
713-453-6091 Fax
ablabs.com

A&B JOB ID # 19041394

5. Project # B1902725

1. REPORT TO:
Company: W3M Environmental
Address: 906 E. 18th St. Plano, TX 75074
Contact: Austin Heider
Phone: 713-316-2025
Fax: ☐
E-mail: ☐ aheider@brauninterfec.com

2. INVOICE TO:
Company:
Address: 906 E. 18th St. Plano, TX 75074
Contact:
Phone:
Fax: ☐
E-mail: ☐

3. PO #
3a. A&B Quote #
4. Turnaround Time (Business Days)
☒ 1 Day* ☐ Other: Rush
☐ 2 Days*
☐ 3 Days* *Surcharge applies
☐ 7 Days - Standard

6. Project Name/Location: ITC Waste Sampling

7. Reporting Requirement:
☐ TRRP Limits only ☐ TRRP Rpt. Package ☐ See Attached ☐ Standard Level II ☐ PST ☐ MDL ☐ EDD

8. Sampler's Name & Company (PLEASE PRINT): Andrew Philbin
Sampler's Signature & Date: 4.25.19

13. 14. Containers* / 15. Preservatives** / 16. PH-Lab Only / 17. Analyses/Methods

LAB USE ONLY	9. Sample ID and Description	10. Sampling Date	Time 24hr	11. Comp.	Grab	12. Matrix: Water	Soil	Sludge	Oil	Drinking Water	Air	Other	No. of Containers	TCLP VOCs	Dry Weight	18. REMARKS
.11B	RT-2510504 22A	4.25.19	1300									X	1	X	X	
.12B	RT2510604 22A	↓	1305									X	1	X	X	
.13B	RT2513404 22A		1307									X	1	X	X	
.16B	RT 7140422A		1312				X					X	1	X	X	
.08B	25-110422A		1235									X	1	X	X	
.04B	10150422A		1235									X	1	X	X	
~~.~~	~~25-80422A~~		~~1245~~													

19. RELINQUISHED BY	DATE	TIME	20. RECEIVED BY	DATE	TIME
1 Andrew Philbin	4.25.19	16:45	[signature]	4/25/19	1645
2					
3					

21. KNOWN HAZARDS/COMMENTS

Temperature: 2.5-.3=2.2
Thermometer ID 1707629
Intact Y or N Initials AB

*Containers: VOA - 40 ml vial; 4 oz/8 oz - glass wide mouth; A/G - Amber/Glass 1 Liter; P/O - Plastic/other

**Preservatives: C - Cool; OH - NaOH; H - HCl; T - $NA_2S_2O_3$; N - HNO_3; X - Other; S - H_2SO_4

METHOD OF SHIPMENT

BILL OF LADING/TRACKING #

A&B cannot accept verbal changes
Please FAX written changes to 713-453-6091

LAB USE ONLY SAMPLING ____ RENTAL ____ P/U ____ Supplies ____ Field Work ____

Samples will be disposed of after 30 days
A&B reserves the right to return samples

ab-s001-0516

Sample Condition Checklist

A&B JobID : **19041394**	Date Received : **04/22/2019**	Time Received : **7:00PM**
Client Name : **Braun Intertec**		
Temperature : **2.8-0.5cf=2.3°C**	Sample pH : **N/A**	
Thermometer ID : **1707629**	pH Paper ID : **N/A**	

	Check Points	Yes	No	N/A
1.	**Cooler seal present and signed.**		X	
2.	**Sample(s) in a cooler.**	X		
3.	**If yes, ice in cooler.**		X	
4.	**Sample(s) received with chain-of-custody.**	X		
5.	**C-O-C signed and dated.**	X		
6.	**Sample(s) received with signed sample custody seal.**		X	
7.	**Sample containers arrived intact. (If no comment).**	X		
8.	**Matrix :** Water ☐ Soil ☐ Liquid ☐ Sludge ☐ Solid ☑ Cassette ☐ Tube ☐ Bulk ☐ Badge ☐ Food ☐ Other ☐			
9.	**Sample(s) were received in appropriate container(s).**	X		
10.	**Sample(s) were received with proper preservative**			X
11.	**All samples were logged or labeled.**	X		
12.	**Sample ID labels match C-O-C ID's**	X		
13.	**Bottle count on C-O-C matches bottles found.**	X		
14.	**Sample volume is sufficient for analyses requested.**	X		
15.	**Samples were received within the hold time.**	X		
16.	**VOA vials completely filled.**			X
17.	**Sample accepted.**	X		
18	**Has client been contacted about sub-out**			X

Comments : Include actions taken to resolve discrepancies/problem:

received additonal sample volume 04.25.2019 labeled as B's. -LeBell 04.25.2019

Received by : YWei

Check in by/date : ABarrera / 04/23/2019

Laboratory Analysis Report

Total Number of Pages: 34

Job ID : 19041402

10100 East Freeway, Suite 100, Houston, TX 77029 tel: 713-453-6060, fax: 713-453-6091, http://www.ablabs.com

Client Project Name :
111356

Report To :	Client Name:	Braun Intertec	P.O.#.:	
	Attn:	Austin Heider	Sample Collected By:	Jonathan Thomas
	Client Address:	10075 Windfern Road	Date Collected:	04/22/19
	City, State, Zip:	Houston, Texas, 77064		

A&B Labs has analyzed the following samples...

Client Sample ID	Matrix	A&B Sample ID
RT25500422B	Solid	19041402.01
RT25-160422B	Solid	19041402.02
ML-25160422B	Solid	19041402.03
RT7140422B	Soil	19041402.04
10150422B	Solid	19041402.05
25-80422B	Solid	19041402.06
OT-255320422B	Solid	19041402.07
RT-25550422B	Solid	19041402.08
25110422B	Solid	19041402.09
RT2570422B	Solid	19041402.10
SLD-25-91150422B	Solid	19041402.11
RT-251050422B	Solid	19041402.12
RT-251060422B	Solid	19041402.13
RT251340422B	Solid	19041402.14
RT-25910422B	Solid	19041402.15
RT13420422B	Solid	19041402.16

Alisha Hughes

Released By: Alisha Hughes

Title: Project Manager

Date: 5/3/2019

This Laboratory is NELAP (T104704213-19-20) accredited. Effective: 04/01/2019; Expires: 3/31/2020

Scope: Non-Potable Water, Drinking Water, Air, Solid, Biological Tissue, Hazardous Waste

I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory data package has been reviewed and is complete and technically compliant with the requirements of the methods used, except where noted in the attached exception reports. I affirm, to the best of my knowledge that all problems/anomalies observed by this laboratory (and if applicable, any and all laboratories subcontracted through this laboratory) that might affect the quality of the data, have been identified in the Laboratory Review Checklist, and that no information or data have been knowingly withheld that would affect the quality of the data.

This report cannot be reproduced, except in full, without prior written permission of A&B Labs. Results shown relate only to the items tested. Samples are assumed to be in acceptable condition unless otherwise noted. Blank correction is not made unless otherwise noted. Air concentrations reported are based on field sampling information provided by client. Soil samples are reported on a wet weight basis unless otherwise noted. Uncertainty estimates are available on request.

Date Received : 04/22/2019 19:00

Laboratory Report: Case Narrative

A&B Job ID: 19041402

Date: 05/03/19

Client Name:	Braun Intertec	Attn: Austin Heider
Project Name:	111356	
Date Received:	04/22/19	
Collected By:	Jonathan Thomas	

REVISED REPORT:

The attached report is revised to exclude the TCLP VOC analysis per client email.

Released By: Alisha Hughes

Title: Project Manager

LABORATORY TERM AND QUALIFIER DEFINITION REPORT

Job ID : 19041402

Date: 5/3/2019

General Term Definition

Back-Wt	Back Weight	Post-Wt	Post Weight
BRL	Below Reporting Limit	ppm	parts per million
cfu	colony-forming units	Pre-Wt	Previous Weight
Conc.	Concentration	Q	Qualifier
D.F.	Dilution Factor	RegLimit	Regulatory Limit
Front-Wt	Front Weight	RPD	Relative Percent Difference
LCS	Laboratory Check Standard	RptLimit	Reporting Limit
LCSD	Laboratory Check Standard Duplicate	SDL	Sample Detection Limit
MS	Matrix Spike	surr	Surrogate
MSD	Matrix Spike Duplicate	T	Time
MW	Molecular Weight	TNTC	Too numerous to count
J	Estimation. Below calibration range but above MDL		

Qualifier Definition

R1	RPD exceeds control limits.
U1	Undetected at RL (Reporting Limit)

LABORATORY TEST RESULTS

Job ID : 19041402

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT25500422B

Date Collected: 04/22/19

Time Collected: 14:15

Other Information:

Job Sample ID: 19041402.01

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	28.1	%	1	0.1			04/23/19 19:10	YSK
SW-846 1010A	Ignitability (Flash Point) up to 150 degrees F								
	Ignitability	>150	°F	1			U1	04/24/19 10:00	YSK
SW-846 6010C	TCLP Metals								
	Arsenic	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:26	BRR
	Barium	0.042	mg/L	1	0.04	100.0		04/24/19 15:26	BRR
	Cadmium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 15:26	BRR
	Chromium	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:26	BRR
	Lead	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:26	BRR
	Selenium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 15:26	BRR
	Silver	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:26	BRR
SW-846 7470A	TCLP Mercury								
	Mercury	BRL	mg/L	1	0.0005	0.2	U1	04/24/19 11:49	LR
SW-846 8270D	TCLP Semivolatiles								
	1,4-Dichlorobenzene	BRL	mg/L	1	0.05	7.5	U1	04/23/19 17:41	VMN
	2,4,5-Trichlorophenol	BRL	mg/L	1	0.05	400	U1	04/23/19 17:41	VMN
	2,4,6-Trichlorophenol	BRL	mg/L	1	0.05	2	U1	04/23/19 17:41	VMN
	2,4-Dinitrotoluene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 17:41	VMN
	2-Methylphenol	BRL	mg/L	1	0.05	200	U1	04/23/19 17:41	VMN
	3- & 4-Methylphenols	BRL	mg/L	1	0.1	200	U1	04/23/19 17:41	VMN
	Hexachlorobenzene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 17:41	VMN
	Hexachlorobutadiene	BRL	mg/L	1	0.05	0.5	U1	04/23/19 17:41	VMN
	Hexachloroethane	BRL	mg/L	1	0.05	3	U1	04/23/19 17:41	VMN
	Nitrobenzene	BRL	mg/L	1	0.05	2	U1	04/23/19 17:41	VMN
	Pentachlorophenol	BRL	mg/L	1	0.25	100	U1	04/23/19 17:41	VMN
	Pyridine	BRL	mg/L	1	0.05	5	U1	04/23/19 17:41	VMN
	2,4,6-Tribromophenol(surr)	85.2	%	1	10-120			04/23/19 17:41	VMN
	2-Fluorobiphenyl(surr)	69.1	%	1	30-115			04/23/19 17:41	VMN
	2-Fluorophenol(surr)	71.4	%	1	17-115			04/23/19 17:41	VMN
	Nitrobenzene-d5(surr)	70.5	%	1	20-120			04/23/19 17:41	VMN
	Phenol-d6(surr)	67.1	%	1	15-120			04/23/19 17:41	VMN
	p-Terphenyl-d14(surr)	89.8	%	1	30-140			04/23/19 17:41	VMN
SW-846 9045D	Corrosivity, pH								
	pH	7.1	s.u.					04/24/19 10:00	KRS
	Temperature when read, °C[1]	22.4	s.u.					04/24/19 10:00	KRS

LABORATORY TEST RESULTS

Job ID : 19041402

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT25-160422B

Date Collected: 04/22/19

Time Collected: 14:40

Other Information:

Job Sample ID: 19041402.02

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	1.97	%	1	0.1			04/23/19 19:10	YSK
SW-846 1010A	Ignitability (Flash Point) up to 150 degrees F								
	Ignitability	>150	°F	1			U1	04/24/19 10:00	YSK
SW-846 6010C	TCLP Metals								
	Arsenic	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:30	BRR
	Barium	BRL	mg/L	1	0.04	100.0	U1	04/24/19 15:30	BRR
	Cadmium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 15:30	BRR
	Chromium	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:30	BRR
	Lead	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:30	BRR
	Selenium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 15:30	BRR
	Silver	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:30	BRR
SW-846 7470A	TCLP Mercury								
	Mercury	BRL	mg/L	1	0.0005	0.2	U1	04/24/19 11:52	LR
SW-846 8270D	TCLP Semivolatiles								
	1,4-Dichlorobenzene	BRL	mg/L	1	0.05	7.5	U1	04/23/19 18:12	VMN
	2,4,5-Trichlorophenol	BRL	mg/L	1	0.05	400	U1	04/23/19 18:12	VMN
	2,4,6-Trichlorophenol	BRL	mg/L	1	0.05	2	U1	04/23/19 18:12	VMN
	2,4-Dinitrotoluene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 18:12	VMN
	2-Methylphenol	BRL	mg/L	1	0.05	200	U1	04/23/19 18:12	VMN
	3- & 4-Methylphenols	BRL	mg/L	1	0.1	200	U1	04/23/19 18:12	VMN
	Hexachlorobenzene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 18:12	VMN
	Hexachlorobutadiene	BRL	mg/L	1	0.05	0.5	U1	04/23/19 18:12	VMN
	Hexachloroethane	BRL	mg/L	1	0.05	3	U1	04/23/19 18:12	VMN
	Nitrobenzene	BRL	mg/L	1	0.05	2	U1	04/23/19 18:12	VMN
	Pentachlorophenol	BRL	mg/L	1	0.25	100	U1	04/23/19 18:12	VMN
	Pyridine	BRL	mg/L	1	0.05	5	U1	04/23/19 18:12	VMN
	2,4,6-Tribromophenol(surr)	87.2	%	1	10-120			04/23/19 18:12	VMN
	2-Fluorobiphenyl(surr)	67.1	%	1	30-115			04/23/19 18:12	VMN
	2-Fluorophenol(surr)	71.1	%	1	17-115			04/23/19 18:12	VMN
	Nitrobenzene-d5(surr)	70.1	%	1	20-120			04/23/19 18:12	VMN
	Phenol-d6(surr)	64.5	%	1	15-120			04/23/19 18:12	VMN
	p-Terphenyl-d14(surr)	93.2	%	1	30-140			04/23/19 18:12	VMN
SW-846 9045D	Corrosivity, pH								
	pH	7.9	s.u.					04/24/19 10:00	KRS
	Temperature when read, °C[1]	22.3	s.u.					04/24/19 10:00	KRS

LABORATORY TEST RESULTS

Job ID : 19041402

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: ML-25160422B

Date Collected: 04/22/19

Time Collected: 15:07

Other Information:

Job Sample ID: 19041402.03

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	63.9	%	1	0.1			04/23/19 19:10	YSK
SW-846 1010A	Ignitability (Flash Point) up to 150 degrees F								
	Ignitability	>150	°F	1			U1	04/24/19 10:00	YSK
SW-846 6010C	TCLP Metals								
	Arsenic	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:34	BRR
	Barium	0.049	mg/L	1	0.04	100.0		04/24/19 15:34	BRR
	Cadmium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 15:34	BRR
	Chromium	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:34	BRR
	Lead	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:34	BRR
	Selenium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 15:34	BRR
	Silver	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:34	BRR
SW-846 7470A	TCLP Mercury								
	Mercury	BRL	mg/L	1	0.0005	0.2	U1	04/24/19 11:56	LR
SW-846 8270D	TCLP Semivolatiles								
	1,4-Dichlorobenzene	BRL	mg/L	1	0.05	7.5	U1	04/23/19 18:43	VMN
	2,4,5-Trichlorophenol	BRL	mg/L	1	0.05	400	U1	04/23/19 18:43	VMN
	2,4,6-Trichlorophenol	BRL	mg/L	1	0.05	2	U1	04/23/19 18:43	VMN
	2,4-Dinitrotoluene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 18:43	VMN
	2-Methylphenol	BRL	mg/L	1	0.05	200	U1	04/23/19 18:43	VMN
	3- & 4-Methylphenols	BRL	mg/L	1	0.1	200	U1	04/23/19 18:43	VMN
	Hexachlorobenzene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 18:43	VMN
	Hexachlorobutadiene	BRL	mg/L	1	0.05	0.5	U1	04/23/19 18:43	VMN
	Hexachloroethane	BRL	mg/L	1	0.05	3	U1	04/23/19 18:43	VMN
	Nitrobenzene	BRL	mg/L	1	0.05	2	U1	04/23/19 18:43	VMN
	Pentachlorophenol	BRL	mg/L	1	0.25	100	U1	04/23/19 18:43	VMN
	Pyridine	BRL	mg/L	1	0.05	5	U1	04/23/19 18:43	VMN
	2,4,6-Tribromophenol(surr)	86.4	%	1	10-120			04/23/19 18:43	VMN
	2-Fluorobiphenyl(surr)	67.5	%	1	30-115			04/23/19 18:43	VMN
	2-Fluorophenol(surr)	74.5	%	1	17-115			04/23/19 18:43	VMN
	Nitrobenzene-d5(surr)	70.1	%	1	20-120			04/23/19 18:43	VMN
	Phenol-d6(surr)	69.8	%	1	15-120			04/23/19 18:43	VMN
	p-Terphenyl-d14(surr)	92.3	%	1	30-140			04/23/19 18:43	VMN
SW-846 9045D	Corrosivity, pH								
	pH	6.7	s.u.					04/24/19 10:00	KRS
	Temperature when read, °C[1]	22.4	s.u.					04/24/19 10:00	KRS

LABORATORY TEST RESULTS

Job ID : 19041402

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT7140422B

Date Collected: 04/22/19

Time Collected: 15:42

Other Information:

Job Sample ID: 19041402.04

Sample Matrix Soil

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	18.2	%	1	0.1			04/23/19 19:10	YSK
SW-846 1010A	Ignitability (Flash Point) up to 150 degrees F								
	Ignitability	>150	°F	1			U1	04/24/19 10:00	YSK
SW-846 6010C	TCLP Metals								
	Arsenic	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:38	BRR
	Barium	0.224	mg/L	1	0.04	100.0		04/24/19 15:38	BRR
	Cadmium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 15:38	BRR
	Chromium	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:38	BRR
	Lead	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:38	BRR
	Selenium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 15:38	BRR
	Silver	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:38	BRR
SW-846 7470A	TCLP Mercury								
	Mercury	BRL	mg/L	1	0.0005	0.2	U1	04/24/19 11:59	LR
SW-846 8270D	TCLP Semivolatiles								
	1,4-Dichlorobenzene	BRL	mg/L	1	0.05	7.5	U1	04/23/19 19:15	VMN
	2,4,5-Trichlorophenol	BRL	mg/L	1	0.05	400	U1	04/23/19 19:15	VMN
	2,4,6-Trichlorophenol	BRL	mg/L	1	0.05	2	U1	04/23/19 19:15	VMN
	2,4-Dinitrotoluene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 19:15	VMN
	2-Methylphenol	BRL	mg/L	1	0.05	200	U1	04/23/19 19:15	VMN
	3- & 4-Methylphenols	BRL	mg/L	1	0.1	200	U1	04/23/19 19:15	VMN
	Hexachlorobenzene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 19:15	VMN
	Hexachlorobutadiene	BRL	mg/L	1	0.05	0.5	U1	04/23/19 19:15	VMN
	Hexachloroethane	BRL	mg/L	1	0.05	3	U1	04/23/19 19:15	VMN
	Nitrobenzene	BRL	mg/L	1	0.05	2	U1	04/23/19 19:15	VMN
	Pentachlorophenol	BRL	mg/L	1	0.25	100	U1	04/23/19 19:15	VMN
	Pyridine	BRL	mg/L	1	0.05	5	U1	04/23/19 19:15	VMN
	2,4,6-Tribromophenol(surr)	77.3	%	1	10-120			04/23/19 19:15	VMN
	2-Fluorobiphenyl(surr)	58.4	%	1	30-115			04/23/19 19:15	VMN
	2-Fluorophenol(surr)	61.8	%	1	17-115			04/23/19 19:15	VMN
	Nitrobenzene-d5(surr)	59.8	%	1	20-120			04/23/19 19:15	VMN
	Phenol-d6(surr)	55.7	%	1	15-120			04/23/19 19:15	VMN
	p-Terphenyl-d14(surr)	81.3	%	1	30-140			04/23/19 19:15	VMN
SW-846 9045D	Corrosivity, pH								
	pH	9.2	s.u.					04/24/19 10:00	KRS
	Temperature when read, °C[1]	22.4	s.u.					04/24/19 10:00	KRS

LABORATORY TEST RESULTS

Job ID : 19041402

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: 10150422B

Date Collected: 04/22/19

Time Collected: 11:05

Other Information:

Job Sample ID: 19041402.05

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	23.2	%	1	0.1			04/23/19 19:10	YSK
SW-846 1010A	Ignitability (Flash Point) up to 150 degrees F								
	Ignitability	>150	°F	1			U1	04/24/19 10:00	YSK
SW-846 6010C	TCLP Metals								
	Arsenic	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:54	BRR
	Barium	0.047	mg/L	1	0.04	100.0		04/24/19 15:54	BRR
	Cadmium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 15:54	BRR
	Chromium	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:54	BRR
	Lead	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:54	BRR
	Selenium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 15:54	BRR
	Silver	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:54	BRR
SW-846 7470A	TCLP Mercury								
	Mercury	BRL	mg/L	1	0.0005	0.2	U1	04/24/19 12:02	LR
SW-846 8270D	TCLP Semivolatiles								
	1,4-Dichlorobenzene	BRL	mg/L	1	0.05	7.5	U1	04/23/19 19:46	VMN
	2,4,5-Trichlorophenol	BRL	mg/L	1	0.05	400	U1	04/23/19 19:46	VMN
	2,4,6-Trichlorophenol	BRL	mg/L	1	0.05	2	U1	04/23/19 19:46	VMN
	2,4-Dinitrotoluene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 19:46	VMN
	2-Methylphenol	BRL	mg/L	1	0.05	200	U1	04/23/19 19:46	VMN
	3- & 4-Methylphenols	BRL	mg/L	1	0.1	200	U1	04/23/19 19:46	VMN
	Hexachlorobenzene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 19:46	VMN
	Hexachlorobutadiene	BRL	mg/L	1	0.05	0.5	U1	04/23/19 19:46	VMN
	Hexachloroethane	BRL	mg/L	1	0.05	3	U1	04/23/19 19:46	VMN
	Nitrobenzene	BRL	mg/L	1	0.05	2	U1	04/23/19 19:46	VMN
	Pentachlorophenol	BRL	mg/L	1	0.25	100	U1	04/23/19 19:46	VMN
	Pyridine	BRL	mg/L	1	0.05	5	U1	04/23/19 19:46	VMN
	2,4,6-Tribromophenol(surr)	75.7	%	1	10-120			04/23/19 19:46	VMN
	2-Fluorobiphenyl(surr)	64.1	%	1	30-115			04/23/19 19:46	VMN
	2-Fluorophenol(surr)	65.8	%	1	17-115			04/23/19 19:46	VMN
	Nitrobenzene-d5(surr)	63.7	%	1	20-120			04/23/19 19:46	VMN
	Phenol-d6(surr)	61.6	%	1	15-120			04/23/19 19:46	VMN
	p-Terphenyl-d14(surr)	73.8	%	1	30-140			04/23/19 19:46	VMN
SW-846 9045D	Corrosivity, pH								
	pH	6.4	s.u.					04/24/19 10:00	KRS
	Temperature when read, °C[1]	22.4	s.u.					04/24/19 10:00	KRS

LABORATORY TEST RESULTS

Job ID : 19041402

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: 25-80422B

Date Collected: 04/22/19

Time Collected: 11:51

Other Information:

Job Sample ID: 19041402.06

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	16.4	%	1	0.1			04/23/19 19:10	YSK
SW-846 1010A	Ignitability (Flash Point) up to 150 degrees F								
	Ignitability	>150	°F	1			U1	04/24/19 10:00	YSK
SW-846 6010C	TCLP Metals								
	Arsenic	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:58	BRR
	Barium	BRL	mg/L	1	0.04	100.0	U1	04/24/19 15:58	BRR
	Cadmium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 15:58	BRR
	Chromium	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:58	BRR
	Lead	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:58	BRR
	Selenium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 15:58	BRR
	Silver	BRL	mg/L	1	0.04	5.0	U1	04/24/19 15:58	BRR
SW-846 7470A	TCLP Mercury								
	Mercury	BRL	mg/L	1	0.0005	0.2	U1	04/24/19 12:05	LR
SW-846 8270D	TCLP Semivolatiles								
	1,4-Dichlorobenzene	BRL	mg/L	1	0.05	7.5	U1	04/23/19 20:17	VMN
	2,4,5-Trichlorophenol	BRL	mg/L	1	0.05	400	U1	04/23/19 20:17	VMN
	2,4,6-Trichlorophenol	BRL	mg/L	1	0.05	2	U1	04/23/19 20:17	VMN
	2,4-Dinitrotoluene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 20:17	VMN
	2-Methylphenol	BRL	mg/L	1	0.05	200	U1	04/23/19 20:17	VMN
	3- & 4-Methylphenols	BRL	mg/L	1	0.1	200	U1	04/23/19 20:17	VMN
	Hexachlorobenzene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 20:17	VMN
	Hexachlorobutadiene	BRL	mg/L	1	0.05	0.5	U1	04/23/19 20:17	VMN
	Hexachloroethane	BRL	mg/L	1	0.05	3	U1	04/23/19 20:17	VMN
	Nitrobenzene	BRL	mg/L	1	0.05	2	U1	04/23/19 20:17	VMN
	Pentachlorophenol	BRL	mg/L	1	0.25	100	U1	04/23/19 20:17	VMN
	Pyridine	BRL	mg/L	1	0.05	5	U1	04/23/19 20:17	VMN
	2,4,6-Tribromophenol(surr)	83.7	%	1	10-120			04/23/19 20:17	VMN
	2-Fluorobiphenyl(surr)	69.4	%	1	30-115			04/23/19 20:17	VMN
	2-Fluorophenol(surr)	68	%	1	17-115			04/23/19 20:17	VMN
	Nitrobenzene-d5(surr)	67.7	%	1	20-120			04/23/19 20:17	VMN
	Phenol-d6(surr)	62.7	%	1	15-120			04/23/19 20:17	VMN
	p-Terphenyl-d14(surr)	88.3	%	1	30-140			04/23/19 20:17	VMN
SW-846 9045D	Corrosivity, pH								
	pH	7.2	s.u.					04/24/19 10:00	KRS
	Temperature when read, °C[1]	22.3	s.u.					04/24/19 10:00	KRS

LABORATORY TEST RESULTS

Job ID : 19041402

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: OT-255320422B

Date Collected: 04/22/19

Time Collected: 12:30

Other Information:

Job Sample ID: 19041402.07

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	2.67	%	1	0.1			04/23/19 19:10	YSK
SW-846 1010A	Ignitability (Flash Point) up to 150 degrees F								
	Ignitability	>150	°F	1			U1	04/24/19 10:00	YSK
SW-846 6010C	TCLP Metals								
	Arsenic	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:02	BRR
	Barium	0.121	mg/L	1	0.04	100.0		04/24/19 16:02	BRR
	Cadmium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 16:02	BRR
	Chromium	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:02	BRR
	Lead	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:02	BRR
	Selenium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 16:02	BRR
	Silver	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:02	BRR
SW-846 7470A	TCLP Mercury								
	Mercury	BRL	mg/L	1	0.0005	0.2	U1	04/24/19 12:30	LR
SW-846 8270D	TCLP Semivolatiles								
	1,4-Dichlorobenzene	BRL	mg/L	1	0.05	7.5	U1	04/23/19 20:49	VMN
	2,4,5-Trichlorophenol	BRL	mg/L	1	0.05	400	U1	04/23/19 20:49	VMN
	2,4,6-Trichlorophenol	BRL	mg/L	1	0.05	2	U1	04/23/19 20:49	VMN
	2,4-Dinitrotoluene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 20:49	VMN
	2-Methylphenol	BRL	mg/L	1	0.05	200	U1	04/23/19 20:49	VMN
	3- & 4-Methylphenols	BRL	mg/L	1	0.1	200	U1	04/23/19 20:49	VMN
	Hexachlorobenzene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 20:49	VMN
	Hexachlorobutadiene	BRL	mg/L	1	0.05	0.5	U1	04/23/19 20:49	VMN
	Hexachloroethane	BRL	mg/L	1	0.05	3	U1	04/23/19 20:49	VMN
	Nitrobenzene	BRL	mg/L	1	0.05	2	U1	04/23/19 20:49	VMN
	Pentachlorophenol	BRL	mg/L	1	0.25	100	U1	04/23/19 20:49	VMN
	Pyridine	BRL	mg/L	1	0.05	5	U1	04/23/19 20:49	VMN
	2,4,6-Tribromophenol(surr)	87.5	%	1	10-120			04/23/19 20:49	VMN
	2-Fluorobiphenyl(surr)	67.4	%	1	30-115			04/23/19 20:49	VMN
	2-Fluorophenol(surr)	74.6	%	1	17-115			04/23/19 20:49	VMN
	Nitrobenzene-d5(surr)	71	%	1	20-120			04/23/19 20:49	VMN
	Phenol-d6(surr)	68.9	%	1	15-120			04/23/19 20:49	VMN
	p-Terphenyl-d14(surr)	95.3	%	1	30-140			04/23/19 20:49	VMN
SW-846 9045D	Corrosivity, pH								
	pH	6.5	s.u.					04/24/19 10:00	KRS
	Temperature when read, °C[1]	22.4	s.u.					04/24/19 10:00	KRS

LABORATORY TEST RESULTS

Job ID : 19041402

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT-25550422B

Date Collected: 04/22/19

Time Collected: 13:50

Other Information:

Job Sample ID: 19041402.08

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	17.7	%	1	0.1			04/23/19 19:10	YSK
SW-846 1010A	Ignitability (Flash Point) up to 150 degrees F								
	Ignitability	>150	°F	1			U1	04/24/19 10:00	YSK
SW-846 6010C	TCLP Metals								
	Arsenic	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:06	BRR
	Barium	0.231	mg/L	1	0.04	100.0		04/24/19 16:06	BRR
	Cadmium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 16:06	BRR
	Chromium	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:06	BRR
	Lead	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:06	BRR
	Selenium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 16:06	BRR
	Silver	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:06	BRR
SW-846 7470A	TCLP Mercury								
	Mercury	BRL	mg/L	1	0.0005	0.2	U1	04/24/19 12:33	LR
SW-846 8270D	TCLP Semivolatiles								
	1,4-Dichlorobenzene	BRL	mg/L	1	0.05	7.5	U1	04/23/19 18:54	VMN
	2,4,5-Trichlorophenol	BRL	mg/L	1	0.05	400	U1	04/23/19 18:54	VMN
	2,4,6-Trichlorophenol	BRL	mg/L	1	0.05	2	U1	04/23/19 18:54	VMN
	2,4-Dinitrotoluene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 18:54	VMN
	2-Methylphenol	BRL	mg/L	1	0.05	200	U1	04/23/19 18:54	VMN
	3- & 4-Methylphenols	BRL	mg/L	1	0.1	200	U1	04/23/19 18:54	VMN
	Hexachlorobenzene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 18:54	VMN
	Hexachlorobutadiene	BRL	mg/L	1	0.05	0.5	U1	04/23/19 18:54	VMN
	Hexachloroethane	BRL	mg/L	1	0.05	3	U1	04/23/19 18:54	VMN
	Nitrobenzene	BRL	mg/L	1	0.05	2	U1	04/23/19 18:54	VMN
	Pentachlorophenol	BRL	mg/L	1	0.25	100	U1	04/23/19 18:54	VMN
	Pyridine	BRL	mg/L	1	0.05	5	U1	04/23/19 18:54	VMN
	2,4,6-Tribromophenol(surr)	83.4	%	1	10-120			04/23/19 18:54	VMN
	2-Fluorobiphenyl(surr)	68.7	%	1	30-115			04/23/19 18:54	VMN
	2-Fluorophenol(surr)	76.6	%	1	17-115			04/23/19 18:54	VMN
	Nitrobenzene-d5(surr)	73.7	%	1	20-120			04/23/19 18:54	VMN
	Phenol-d6(surr)	68.1	%	1	15-120			04/23/19 18:54	VMN
	p-Terphenyl-d14(surr)	93.3	%	1	30-140			04/23/19 18:54	VMN
SW-846 9045D	Corrosivity, pH								
	pH	7.9	s.u.					04/24/19 10:00	KRS
	Temperature when read, °C[1]	22.3	s.u.					04/24/19 10:00	KRS

LABORATORY TEST RESULTS

Job ID : 19041402

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: 25110422B

Date Collected: 04/22/19

Time Collected: 11:40

Other Information:

Job Sample ID: 19041402.09

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	19.8	%	1	0.1			04/23/19 19:10	YSK
SW-846 1010A	Ignitability (Flash Point) up to 150 degrees F								
	Ignitability	>150	°F	1			U1	04/24/19 10:00	YSK
SW-846 6010C	TCLP Metals								
	Arsenic	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:10	BRR
	Barium	BRL	mg/L	1	0.04	100.0	U1	04/24/19 16:10	BRR
	Cadmium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 16:10	BRR
	Chromium	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:10	BRR
	Lead	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:10	BRR
	Selenium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 16:10	BRR
	Silver	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:10	BRR
SW-846 7470A	TCLP Mercury								
	Mercury	BRL	mg/L	1	0.0005	0.2	U1	04/24/19 12:37	LR
SW-846 8270D	TCLP Semivolatiles								
	1,4-Dichlorobenzene	BRL	mg/L	1	0.05	7.5	U1	04/23/19 19:19	VMN
	2,4,5-Trichlorophenol	BRL	mg/L	1	0.05	400	U1	04/23/19 19:19	VMN
	2,4,6-Trichlorophenol	BRL	mg/L	1	0.05	2	U1	04/23/19 19:19	VMN
	2,4-Dinitrotoluene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 19:19	VMN
	2-Methylphenol	BRL	mg/L	1	0.05	200	U1	04/23/19 19:19	VMN
	3- & 4-Methylphenols	BRL	mg/L	1	0.1	200	U1	04/23/19 19:19	VMN
	Hexachlorobenzene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 19:19	VMN
	Hexachlorobutadiene	BRL	mg/L	1	0.05	0.5	U1	04/23/19 19:19	VMN
	Hexachloroethane	BRL	mg/L	1	0.05	3	U1	04/23/19 19:19	VMN
	Nitrobenzene	BRL	mg/L	1	0.05	2	U1	04/23/19 19:19	VMN
	Pentachlorophenol	BRL	mg/L	1	0.25	100	U1	04/23/19 19:19	VMN
	Pyridine	BRL	mg/L	1	0.05	5	U1	04/23/19 19:19	VMN
	2,4,6-Tribromophenol(surr)	80.4	%	1	10-120			04/23/19 19:19	VMN
	2-Fluorobiphenyl(surr)	73.2	%	1	30-115			04/23/19 19:19	VMN
	2-Fluorophenol(surr)	79.3	%	1	17-115			04/23/19 19:19	VMN
	Nitrobenzene-d5(surr)	76.2	%	1	20-120			04/23/19 19:19	VMN
	Phenol-d6(surr)	68.8	%	1	15-120			04/23/19 19:19	VMN
	p-Terphenyl-d14(surr)	102	%	1	30-140			04/23/19 19:19	VMN
SW-846 9045D	Corrosivity, pH								
	pH	6.8	s.u.					04/24/19 10:00	KRS
	Temperature when read, °C[1]	22.3	s.u.					04/24/19 10:00	KRS

LABORATORY TEST RESULTS

Job ID : 19041402

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT2570422B

Date Collected: 04/22/19

Time Collected: 12:10

Other Information:

Job Sample ID: 19041402.10

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	6.74	%	1	0.1			04/23/19 19:10	YSK
SW-846 1010A	Ignitability (Flash Point) up to 150 degrees F								
	Ignitability	>150	°F	1			U1	04/24/19 10:00	YSK
SW-846 6010C	TCLP Metals								
	Arsenic	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:14	BRR
	Barium	0.094	mg/L	1	0.04	100.0		04/24/19 16:14	BRR
	Cadmium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 16:14	BRR
	Chromium	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:14	BRR
	Lead	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:14	BRR
	Selenium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 16:14	BRR
	Silver	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:14	BRR
SW-846 7470A	TCLP Mercury								
	Mercury	BRL	mg/L	1	0.0005	0.2	U1	04/24/19 12:40	LR
SW-846 8270D	TCLP Semivolatiles								
	1,4-Dichlorobenzene	BRL	mg/L	1	0.05	7.5	U1	04/23/19 19:45	VMN
	2,4,5-Trichlorophenol	BRL	mg/L	1	0.05	400	U1	04/23/19 19:45	VMN
	2,4,6-Trichlorophenol	BRL	mg/L	1	0.05	2	U1	04/23/19 19:45	VMN
	2,4-Dinitrotoluene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 19:45	VMN
	2-Methylphenol	BRL	mg/L	1	0.05	200	U1	04/23/19 19:45	VMN
	3- & 4-Methylphenols	BRL	mg/L	1	0.1	200	U1	04/23/19 19:45	VMN
	Hexachlorobenzene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 19:45	VMN
	Hexachlorobutadiene	BRL	mg/L	1	0.05	0.5	U1	04/23/19 19:45	VMN
	Hexachloroethane	BRL	mg/L	1	0.05	3	U1	04/23/19 19:45	VMN
	Nitrobenzene	BRL	mg/L	1	0.05	2	U1	04/23/19 19:45	VMN
	Pentachlorophenol	BRL	mg/L	1	0.25	100	U1	04/23/19 19:45	VMN
	Pyridine	BRL	mg/L	1	0.05	5	U1	04/23/19 19:45	VMN
	2,4,6-Tribromophenol(surr)	75.7	%	1	10-120			04/23/19 19:45	VMN
	2-Fluorobiphenyl(surr)	68.7	%	1	30-115			04/23/19 19:45	VMN
	2-Fluorophenol(surr)	74.5	%	1	17-115			04/23/19 19:45	VMN
	Nitrobenzene-d5(surr)	70.3	%	1	20-120			04/23/19 19:45	VMN
	Phenol-d6(surr)	65.2	%	1	15-120			04/23/19 19:45	VMN
	p-Terphenyl-d14(surr)	93.2	%	1	30-140			04/23/19 19:45	VMN
SW-846 9045D	Corrosivity, pH								
	pH	6.4	s.u.					04/24/19 10:00	KRS
	Temperature when read, °C[1]	22.4	s.u.					04/24/19 10:00	KRS

LABORATORY TEST RESULTS

Job ID : 19041402

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: SLD-25-91150422B

Date Collected: 04/22/19

Time Collected: 13:55

Other Information:

Job Sample ID: 19041402.11

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	8.06	%	1	0.1			04/23/19 19:10	YSK
SW-846 1010A	Ignitability (Flash Point) up to 150 degrees F								
	Ignitability	>150	°F	1			U1	04/24/19 10:00	YSK
SW-846 6010C	TCLP Metals								
	Arsenic	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:44	BRR
	Barium	0.106	mg/L	1	0.04	100.0		04/24/19 16:44	BRR
	Cadmium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 16:44	BRR
	Chromium	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:44	BRR
	Lead	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:44	BRR
	Selenium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 16:44	BRR
	Silver	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:44	BRR
SW-846 7470A	TCLP Mercury								
	Mercury	BRL	mg/L	1	0.0005	0.2	U1	04/23/19 17:32	LR
SW-846 8270D	TCLP Semivolatiles								
	1,4-Dichlorobenzene	BRL	mg/L	1	0.05	7.5	U1	04/23/19 20:11	VMN
	2,4,5-Trichlorophenol	BRL	mg/L	1	0.05	400	U1	04/23/19 20:11	VMN
	2,4,6-Trichlorophenol	BRL	mg/L	1	0.05	2	U1	04/23/19 20:11	VMN
	2,4-Dinitrotoluene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 20:11	VMN
	2-Methylphenol	BRL	mg/L	1	0.05	200	U1	04/23/19 20:11	VMN
	3- & 4-Methylphenols	BRL	mg/L	1	0.1	200	U1	04/23/19 20:11	VMN
	Hexachlorobenzene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 20:11	VMN
	Hexachlorobutadiene	BRL	mg/L	1	0.05	0.5	U1	04/23/19 20:11	VMN
	Hexachloroethane	BRL	mg/L	1	0.05	3	U1	04/23/19 20:11	VMN
	Nitrobenzene	BRL	mg/L	1	0.05	2	U1	04/23/19 20:11	VMN
	Pentachlorophenol	BRL	mg/L	1	0.25	100	U1	04/23/19 20:11	VMN
	Pyridine	BRL	mg/L	1	0.05	5	U1	04/23/19 20:11	VMN
	2,4,6-Tribromophenol(surr)	70.2	%	1	10-120			04/23/19 20:11	VMN
	2-Fluorobiphenyl(surr)	71.5	%	1	30-115			04/23/19 20:11	VMN
	2-Fluorophenol(surr)	69.1	%	1	17-115			04/23/19 20:11	VMN
	Nitrobenzene-d5(surr)	73.6	%	1	20-120			04/23/19 20:11	VMN
	Phenol-d6(surr)	65.6	%	1	15-120			04/23/19 20:11	VMN
	p-Terphenyl-d14(surr)	94.5	%	1	30-140			04/23/19 20:11	VMN
SW-846 9045D	Corrosivity, pH								
	pH	7.3	s.u.					04/24/19 10:00	KRS
	Temperature when read, °C[1]	22.4	s.u.					04/24/19 10:00	KRS

LABORATORY TEST RESULTS

Job ID : 19041402

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT-251050422B

Date Collected: 04/22/19

Time Collected: 14:00

Other Information:

Job Sample ID: 19041402.12

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	9.86	%	1	0.1			04/23/19 19:10	YSK
SW-846 1010A	Ignitability (Flash Point) up to 150 degrees F								
	Ignitability	>150	°F	1			U1	04/24/19 10:00	YSK
SW-846 6010C	TCLP Metals								
	Arsenic	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:48	BRR
	Barium	BRL	mg/L	1	0.04	100.0	U1	04/24/19 16:48	BRR
	Cadmium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 16:48	BRR
	Chromium	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:48	BRR
	Lead	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:48	BRR
	Selenium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 16:48	BRR
	Silver	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:48	BRR
SW-846 7470A	TCLP Mercury								
	Mercury	BRL	mg/L	1	0.0005	0.2	U1	04/23/19 17:36	LR
SW-846 8270D	TCLP Semivolatiles								
	1,4-Dichlorobenzene	BRL	mg/L	1	0.05	7.5	U1	04/23/19 20:36	VMN
	2,4,5-Trichlorophenol	BRL	mg/L	1	0.05	400	U1	04/23/19 20:36	VMN
	2,4,6-Trichlorophenol	BRL	mg/L	1	0.05	2	U1	04/23/19 20:36	VMN
	2,4-Dinitrotoluene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 20:36	VMN
	2-Methylphenol	BRL	mg/L	1	0.05	200	U1	04/23/19 20:36	VMN
	3- & 4-Methylphenols	BRL	mg/L	1	0.1	200	U1	04/23/19 20:36	VMN
	Hexachlorobenzene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 20:36	VMN
	Hexachlorobutadiene	BRL	mg/L	1	0.05	0.5	U1	04/23/19 20:36	VMN
	Hexachloroethane	BRL	mg/L	1	0.05	3	U1	04/23/19 20:36	VMN
	Nitrobenzene	BRL	mg/L	1	0.05	2	U1	04/23/19 20:36	VMN
	Pentachlorophenol	BRL	mg/L	1	0.25	100	U1	04/23/19 20:36	VMN
	Pyridine	BRL	mg/L	1	0.05	5	U1	04/23/19 20:36	VMN
	2,4,6-Tribromophenol(surr)	77.5	%	1	10-120			04/23/19 20:36	VMN
	2-Fluorobiphenyl(surr)	70.6	%	1	30-115			04/23/19 20:36	VMN
	2-Fluorophenol(surr)	82.1	%	1	17-115			04/23/19 20:36	VMN
	Nitrobenzene-d5(surr)	79.3	%	1	20-120			04/23/19 20:36	VMN
	Phenol-d6(surr)	75.5	%	1	15-120			04/23/19 20:36	VMN
	p-Terphenyl-d14(surr)	89.3	%	1	30-140			04/23/19 20:36	VMN
SW-846 9045D	Corrosivity, pH								
	pH	7.6	s.u.					04/24/19 10:00	KRS
	Temperature when read, °C[1]	22.4	s.u.					04/24/19 10:00	KRS

LABORATORY TEST RESULTS

Job ID : 19041402

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT-251060422B

Date Collected: 04/22/19

Time Collected: 14:25

Other Information:

Job Sample ID: 19041402.13

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	BRL	%	1	0.1		U1	04/23/19 19:10	YSK
SW-846 1010A	Ignitability (Flash Point) up to 150 degrees F								
	Ignitability	>150	°F	1			U1	04/24/19 10:00	YSK
SW-846 6010C	TCLP Metals								
	Arsenic	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:52	BRR
	Barium	0.0435	mg/L	1	0.04	100.0		04/24/19 16:52	BRR
	Cadmium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 16:52	BRR
	Chromium	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:52	BRR
	Lead	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:52	BRR
	Selenium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 16:52	BRR
	Silver	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:52	BRR
SW-846 7470A	TCLP Mercury								
	Mercury	BRL	mg/L	1	0.0005	0.2	U1	04/23/19 17:39	LR
SW-846 8270D	TCLP Semivolatiles								
	1,4-Dichlorobenzene	BRL	mg/L	1	0.05	7.5	U1	04/23/19 21:02	VMN
	2,4,5-Trichlorophenol	BRL	mg/L	1	0.05	400	U1	04/23/19 21:02	VMN
	2,4,6-Trichlorophenol	BRL	mg/L	1	0.05	2	U1	04/23/19 21:02	VMN
	2,4-Dinitrotoluene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 21:02	VMN
	2-Methylphenol	BRL	mg/L	1	0.05	200	U1	04/23/19 21:02	VMN
	3- & 4-Methylphenols	BRL	mg/L	1	0.1	200	U1	04/23/19 21:02	VMN
	Hexachlorobenzene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 21:02	VMN
	Hexachlorobutadiene	BRL	mg/L	1	0.05	0.5	U1	04/23/19 21:02	VMN
	Hexachloroethane	BRL	mg/L	1	0.05	3	U1	04/23/19 21:02	VMN
	Nitrobenzene	BRL	mg/L	1	0.05	2	U1	04/23/19 21:02	VMN
	Pentachlorophenol	BRL	mg/L	1	0.25	100	U1	04/23/19 21:02	VMN
	Pyridine	BRL	mg/L	1	0.05	5	U1	04/23/19 21:02	VMN
	2,4,6-Tribromophenol(surr)	87.7	%	1	10-120			04/23/19 21:02	VMN
	2-Fluorobiphenyl(surr)	79.4	%	1	30-115			04/23/19 21:02	VMN
	2-Fluorophenol(surr)	90.5	%	1	17-115			04/23/19 21:02	VMN
	Nitrobenzene-d5(surr)	85.8	%	1	20-120			04/23/19 21:02	VMN
	Phenol-d6(surr)	78.4	%	1	15-120			04/23/19 21:02	VMN
	p-Terphenyl-d14(surr)	106	%	1	30-140			04/23/19 21:02	VMN
SW-846 9045D	Corrosivity, pH								
	pH	7.3	s.u.					04/24/19 10:00	KRS
	Temperature when read, °C[1]	22.3	s.u.					04/24/19 10:00	KRS

LABORATORY TEST RESULTS

Job ID : 19041402

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT251340422B

Date Collected: 04/22/19

Time Collected: 14:55

Other Information:

Job Sample ID: 19041402.14

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	8.66	%	1	0.1			04/23/19 19:10	YSK
SW-846 1010A	Ignitability (Flash Point) up to 150 degrees F								
	Ignitability	>150	°F	1			U1	04/24/19 10:00	YSK
SW-846 6010C	TCLP Metals								
	Arsenic	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:56	BRR
	Barium	BRL	mg/L	1	0.04	100.0	U1	04/24/19 16:56	BRR
	Cadmium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 16:56	BRR
	Chromium	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:56	BRR
	Lead	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:56	BRR
	Selenium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 16:56	BRR
	Silver	BRL	mg/L	1	0.04	5.0	U1	04/24/19 16:56	BRR
SW-846 7470A	TCLP Mercury								
	Mercury	BRL	mg/L	1	0.0005	0.2	U1	04/23/19 17:43	LR
SW-846 8270D	TCLP Semivolatiles								
	1,4-Dichlorobenzene	BRL	mg/L	1	0.05	7.5	U1	04/23/19 21:27	VMN
	2,4,5-Trichlorophenol	BRL	mg/L	1	0.05	400	U1	04/23/19 21:27	VMN
	2,4,6-Trichlorophenol	BRL	mg/L	1	0.05	2	U1	04/23/19 21:27	VMN
	2,4-Dinitrotoluene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 21:27	VMN
	2-Methylphenol	BRL	mg/L	1	0.05	200	U1	04/23/19 21:27	VMN
	3- & 4-Methylphenols	BRL	mg/L	1	0.1	200	U1	04/23/19 21:27	VMN
	Hexachlorobenzene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 21:27	VMN
	Hexachlorobutadiene	BRL	mg/L	1	0.05	0.5	U1	04/23/19 21:27	VMN
	Hexachloroethane	BRL	mg/L	1	0.05	3	U1	04/23/19 21:27	VMN
	Nitrobenzene	BRL	mg/L	1	0.05	2	U1	04/23/19 21:27	VMN
	Pentachlorophenol	BRL	mg/L	1	0.25	100	U1	04/23/19 21:27	VMN
	Pyridine	BRL	mg/L	1	0.05	5	U1	04/23/19 21:27	VMN
	2,4,6-Tribromophenol(surr)	80	%	1	10-120			04/23/19 21:27	VMN
	2-Fluorobiphenyl(surr)	75.8	%	1	30-115			04/23/19 21:27	VMN
	2-Fluorophenol(surr)	82.3	%	1	17-115			04/23/19 21:27	VMN
	Nitrobenzene-d5(surr)	79.7	%	1	20-120			04/23/19 21:27	VMN
	Phenol-d6(surr)	70.5	%	1	15-120			04/23/19 21:27	VMN
	p-Terphenyl-d14(surr)	102	%	1	30-140			04/23/19 21:27	VMN
SW-846 9045D	Corrosivity, pH								
	pH	7.1	s.u.					04/24/19 10:00	KRS
	Temperature when read, °C[1]	22.3	s.u.					04/24/19 10:00	KRS

LABORATORY TEST RESULTS

Job ID : 19041402

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT-25910422B

Date Collected: 04/22/19

Time Collected: 15:30

Other Information:

Job Sample ID: 19041402.15

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	19.6	%	1	0.1			04/23/19 19:10	YSK
SW-846 1010A	Ignitability (Flash Point) up to 150 degrees F								
	Ignitability	>150	°F	1			U1	04/24/19 10:00	YSK
SW-846 6010C	TCLP Metals								
	Arsenic	BRL	mg/L	1	0.04	5.0	U1	04/24/19 17:00	BRR
	Barium	BRL	mg/L	1	0.04	100.0	U1	04/24/19 17:00	BRR
	Cadmium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 17:00	BRR
	Chromium	BRL	mg/L	1	0.04	5.0	U1	04/24/19 17:00	BRR
	Lead	BRL	mg/L	1	0.04	5.0	U1	04/24/19 17:00	BRR
	Selenium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 17:00	BRR
	Silver	BRL	mg/L	1	0.04	5.0	U1	04/24/19 17:00	BRR
SW-846 7470A	TCLP Mercury								
	Mercury	BRL	mg/L	1	0.0005	0.2	U1	04/23/19 17:47	LR
SW-846 8270D	TCLP Semivolatiles								
	1,4-Dichlorobenzene	BRL	mg/L	1	0.05	7.5	U1	04/23/19 21:53	VMN
	2,4,5-Trichlorophenol	BRL	mg/L	1	0.05	400	U1	04/23/19 21:53	VMN
	2,4,6-Trichlorophenol	BRL	mg/L	1	0.05	2	U1	04/23/19 21:53	VMN
	2,4-Dinitrotoluene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 21:53	VMN
	2-Methylphenol	BRL	mg/L	1	0.05	200	U1	04/23/19 21:53	VMN
	3- & 4-Methylphenols	BRL	mg/L	1	0.1	200	U1	04/23/19 21:53	VMN
	Hexachlorobenzene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 21:53	VMN
	Hexachlorobutadiene	BRL	mg/L	1	0.05	0.5	U1	04/23/19 21:53	VMN
	Hexachloroethane	BRL	mg/L	1	0.05	3	U1	04/23/19 21:53	VMN
	Nitrobenzene	BRL	mg/L	1	0.05	2	U1	04/23/19 21:53	VMN
	Pentachlorophenol	BRL	mg/L	1	0.25	100	U1	04/23/19 21:53	VMN
	Pyridine	BRL	mg/L	1	0.05	5	U1	04/23/19 21:53	VMN
	2,4,6-Tribromophenol(surr)	75.2	%	1	10-120			04/23/19 21:53	VMN
	2-Fluorobiphenyl(surr)	75.6	%	1	30-115			04/23/19 21:53	VMN
	2-Fluorophenol(surr)	84.6	%	1	17-115			04/23/19 21:53	VMN
	Nitrobenzene-d5(surr)	83.7	%	1	20-120			04/23/19 21:53	VMN
	Phenol-d6(surr)	75.2	%	1	15-120			04/23/19 21:53	VMN
	p-Terphenyl-d14(surr)	103	%	1	30-140			04/23/19 21:53	VMN
SW-846 9045D	Corrosivity, pH								
	pH	6.8	s.u.					04/24/19 10:00	KRS
	Temperature when read, °C[1]	22.4	s.u.					04/24/19 10:00	KRS

LABORATORY TEST RESULTS

Job ID : 19041402

Date 5/3/2019

Client Name: Braun Intertec

Attn: Austin Heider

Project Name: 111356

Client Sample ID: RT13420422B

Date Collected: 04/22/19

Time Collected: 15:50

Other Information:

Job Sample ID: 19041402.16

Sample Matrix Solid

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 2540G	% Moisture								
	% Moisture	1.19	%	1	0.1			04/23/19 19:10	YSK
SW-846 1010A	Ignitability (Flash Point) up to 150 degrees F								
	Ignitability	>150	°F	1			U1	04/24/19 10:00	YSK
SW-846 6010C	TCLP Metals								
	Arsenic	BRL	mg/L	1	0.04	5.0	U1	04/24/19 17:04	BRR
	Barium	0.236	mg/L	1	0.04	100.0		04/24/19 17:04	BRR
	Cadmium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 17:04	BRR
	Chromium	23.9	mg/L	20	0.8	5.0		04/24/19 17:11	BRR
	Lead	BRL	mg/L	1	0.04	5.0	U1	04/24/19 17:04	BRR
	Selenium	BRL	mg/L	1	0.04	1.0	U1	04/24/19 17:04	BRR
	Silver	BRL	mg/L	1	0.04	5.0	U1	04/24/19 17:04	BRR
SW-846 7470A	TCLP Mercury								
	Mercury	BRL	mg/L	1	0.0005	0.2	U1	04/23/19 17:50	LR
SW-846 8270D	TCLP Semivolatiles								
	1,4-Dichlorobenzene	BRL	mg/L	1	0.05	7.5	U1	04/23/19 22:19	VMN
	2,4,5-Trichlorophenol	BRL	mg/L	1	0.05	400	U1	04/23/19 22:19	VMN
	2,4,6-Trichlorophenol	BRL	mg/L	1	0.05	2	U1	04/23/19 22:19	VMN
	2,4-Dinitrotoluene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 22:19	VMN
	2-Methylphenol	BRL	mg/L	1	0.05	200	U1	04/23/19 22:19	VMN
	3- & 4-Methylphenols	BRL	mg/L	1	0.1	200	U1	04/23/19 22:19	VMN
	Hexachlorobenzene	BRL	mg/L	1	0.05	0.13	U1	04/23/19 22:19	VMN
	Hexachlorobutadiene	BRL	mg/L	1	0.05	0.5	U1	04/23/19 22:19	VMN
	Hexachloroethane	BRL	mg/L	1	0.05	3	U1	04/23/19 22:19	VMN
	Nitrobenzene	BRL	mg/L	1	0.05	2	U1	04/23/19 22:19	VMN
	Pentachlorophenol	BRL	mg/L	1	0.25	100	U1	04/23/19 22:19	VMN
	Pyridine	BRL	mg/L	1	0.05	5	U1	04/23/19 22:19	VMN
	2,4,6-Tribromophenol(surr)	81.8	%	1	10-120			04/23/19 22:19	VMN
	2-Fluorobiphenyl(surr)	72.1	%	1	30-115			04/23/19 22:19	VMN
	2-Fluorophenol(surr)	86.4	%	1	17-115			04/23/19 22:19	VMN
	Nitrobenzene-d5(surr)	82.2	%	1	20-120			04/23/19 22:19	VMN
	Phenol-d6(surr)	78	%	1	15-120			04/23/19 22:19	VMN
	p-Terphenyl-d14(surr)	93.5	%	1	30-140			04/23/19 22:19	VMN
SW-846 9045D	Corrosivity, pH								
	pH	7.4	s.u.					04/24/19 10:00	KRS
	Temperature when read, °C[1]	22.4	s.u.					04/24/19 10:00	KRS

[1]-Parameter not available for accreditation

QUALITY CONTROL CERTIFICATE

Job ID : 19041402 **Date :** 5/3/2019

Analysis : **TCLP Metals, Mercury** **Method :** **SW-846 7470A** **Reporting Units :** **mg/L**

QC Batch ID : Qb190423100 **Created Date :** 04/23/19 **Created By :** LRapushi

Samples in This QC Batch : 19041402.11,12,13,14,15,16

Digestion :	PB19042366	**Prep Method :**	SW-846 7470A	**Prep Date :**	04/23/19 13:50	**Prep By :**	LRapushi
TCLP Prep :	PB19042322	**Prep Method :**	SW-846 1311	**Prep Date :**	04/22/19 19:30	**Prep By :**	Msoria

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	RptLimit		Qual
Mercury	7439-97-6	BRL	mg/L	1	0.0005		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Mercury	0.005	0.00438	87.6	0.005	0.00415	83	5.4	20.5	78-117	

QC Type: MS and MSD
QC Sample ID: 19041402.14

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Mercury	BRL	0.005	0.00403	80.6						80-120	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 19041402 **Date :** 5/3/2019

Analysis : % Moisture **Method : SM 2540G** **Reporting Units : %**

QC Batch ID : Qb190423112 **Created Date :** 04/23/19 **Created By :** SKYanduru

Samples in This QC Batch : 19041402.01,02,03,04,05,06,07,09

Sample Preparation : PB19042368 **Prep Method :** SM 2540G **Prep Date :** 04/23/19 19:00 **Prep By :** SKYanduru

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	RptLimit		Qual
% Moisture		BRL	%	1	0.1		

QC Type: Duplicate

QC Sample ID: 19041421.01

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
% Moisture	25.8	26.4	%	2.3	20		

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 19041402 **Date :** 5/3/2019

Analysis : **TCLP Metals** **Method :** **SW-846 6010C** **Reporting Units :** **mg/L**

QC Batch ID : Qb19042398 **Created Date :** 04/23/19 **Created By :** BRena

Samples in This QC Batch : 19041402.01,02,03,04,05,06,07,08,09,10

Digestion :	PB19042355	**Prep Method :**	SW-846 3010A	**Prep Date :**	04/23/19 12:45	**Prep By :**	Mwissman
TCLP Prep :	PB19042322	**Prep Method :**	SW-846 1311	**Prep Date :**	04/22/19 19:30	**Prep By :**	Msoria

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	RptLimit		Qual
Arsenic	7440-38-2	BRL	mg/L	1	0.04		
Barium	7440-39-3	BRL	mg/L	1	0.04		
Cadmium	7440-43-9	BRL	mg/L	1	0.04		
Chromium	7440-47-3	BRL	mg/L	1	0.04		
Lead	7439-92-1	BRL	mg/L	1	0.04		
Selenium	7782-49-2	BRL	mg/L	1	0.04		
Silver	7440-22-4	BRL	mg/L	1	0.04		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Arsenic	2	2.18	109	2	2.14	107	1.8	20	80-120	
Barium	2	2.05	103	2	1.99	99.5	3.1	20	80-120	
Cadmium	2	2.05	102	2	2.00	100	2.2	20	80-120	
Chromium	2	2.04	102	2	1.99	99.3	2.3	20	80-120	
Lead	2	1.72	85.8	2	1.68	84	2.1	20	80-120	
Selenium	2	2.19	110	2	2.14	107	2.4	20	80-120	
Silver	2	2.15	108	2	2.11	105	2	20	80-120	

QC Type: MS and MSD
QC Sample ID: 19041402.01

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Arsenic	BRL	2	2.17	108						45-138	
Barium	0.042	2	2.07	101						39-135	
Cadmium	BRL	2	2.01	101						56-125	
Chromium	BRL	2	1.97	98.3						52-125	
Lead	BRL	2	1.68	83.6						55-125	
Selenium	BRL	2	2.15	107						18-137	
Silver	BRL	2	2.11	105						26-148	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 19041402 **Date :** 5/3/2019

Analysis : **TCLP Metals** **Method :** **SW-846 6010C** **Reporting Units :** **mg/L**

QC Batch ID : Qb19042399 **Created Date :** 04/23/19 **Created By :** BRena

Samples in This QC Batch : 19041402.11,12,13,14,15,16

Digestion :	PB19042356	**Prep Method :**	SW-846 3010A	**Prep Date :**	04/23/19 12:45	**Prep By :**	Mwissman
TCLP Prep :	PB19042322	**Prep Method :**	SW-846 1311	**Prep Date :**	04/22/19 19:30	**Prep By :**	Msoria

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	RptLimit		Qual
Arsenic	7440-38-2	BRL	mg/L	1	0.04		
Barium	7440-39-3	BRL	mg/L	1	0.04		
Cadmium	7440-43-9	BRL	mg/L	1	0.04		
Chromium	7440-47-3	BRL	mg/L	1	0.04		
Lead	7439-92-1	BRL	mg/L	1	0.04		
Selenium	7782-49-2	BRL	mg/L	1	0.04		
Silver	7440-22-4	BRL	mg/L	1	0.04		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Arsenic	2	2.19	109	2	2.20	110	0.5	20	80-120	
Barium	2	2.02	101	2	2.05	103	1.3	20	80-120	
Cadmium	2	2.03	101	2	2.03	102	0.2	20	80-120	
Chromium	2	2.05	103	2	2.08	104	1.2	20	80-120	
Lead	2	1.71	85.5	2	1.73	86.5	1.1	20	80-120	
Selenium	2	2.19	109	2	2.20	110	0.7	20	80-120	
Silver	2	2.14	107	2	2.16	108	0.8	20	80-120	

QC Type: MS and MSD
QC Sample ID: 19041402.11

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Arsenic	BRL	2	2.18	108						45-138	
Barium	0.106	2	2.12	101						39-135	
Cadmium	BRL	2	2.04	102						56-125	
Chromium	BRL	2	1.99	98.9						52-125	
Lead	BRL	2	1.72	85.3						55-125	
Selenium	BRL	2	2.16	107						18-137	
Silver	BRL	2	2.12	106						26-148	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 19041402 **Date :** 5/3/2019

Analysis : **Corrosivity, pH** **Method :** **SW-846 9045D** **Reporting Units :** **s.u.**

QC Batch ID : Qb19042420 **Created Date :** 04/24/19 **Created By :** KRSaranya

Samples in This QC Batch : 19041402.01,02,03,04,05,06,07,08,09,10

QC Type: Duplicate

QC Sample ID: 19041402.10

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
pH	6.4	6.4	s.u.	0	5		

QC Type: LCS and LCSD

Parameter	LCS Assigned	LCS Result		LCSD Assigned	LCSD Result		RPD	RPD CtrlLimit	Tolerance	Qual
pH	4.0	4.00							98.75-101.25	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 19041402 **Date :** 5/3/2019

Analysis : **Corrosivity, pH** **Method :** **SW-846 9045D** **Reporting Units :** **s.u.**

QC Batch ID : Qb19042421 **Created Date :** 04/24/19 **Created By :** KRSaranya

Samples in This QC Batch : 19041402.11,12,13,14,15,16

QC Type: Duplicate

QC Sample ID: 19041402.11

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
pH	7.3	7.3	s.u.	0	5		

QC Type: LCS and LCSD

Parameter	LCS Assigned	LCS Result		LCSD Assigned	LCSD Result		RPD	RPD CtrlLimit	Tolerance	Qual
pH	4.0	4.00							98.75-101.25	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 19041402 **Date :** 5/3/2019

Analysis : **TCLP Metals, Mercury** **Method :** **SW-846 7470A** **Reporting Units :** **mg/L**

QC Batch ID : Qb19042451 **Created Date :** 04/24/19 **Created By :** LRapushi

Samples in This QC Batch : 19041402.01,02,03,04,05,06,07,08,09,10

Digestion :	PB19042458	**Prep Method :**	SW-846 7470A	**Prep Date :**	04/24/19 08:35	**Prep By :**	LRapushi
TCLP Prep :	PB19042322	**Prep Method :**	SW-846 1311	**Prep Date :**	04/22/19 19:30	**Prep By :**	Msoria

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	RptLimit		Qual
Mercury	7439-97-6	BRL	mg/L	1	0.0005		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Mercury	0.005	0.00515	103	0.005	0.00505	101	2	20.5	78-117	

QC Type: MS and MSD
QC Sample ID: 19041402.02

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Mercury	BRL	0.005	0.00489	97.8						80-120	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 19041402 **Date :** 5/3/2019

Analysis : **TCLP Semivolatiles** **Method :** **SW-846 8270D** **Reporting Units :** **mg/L**

QC Batch ID : Qb19042456 **Created Date :** 04/24/19 **Created By :** VNair

Samples in This QC Batch : 19041402.01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16

Extraction :	PB19042402	**Prep Method :**	SW-846 3510C	**Prep Date :**	04/23/19 12:30	**Prep By :**	Msoria
TCLP Prep :	PB19042322	**Prep Method :**	SW-846 1311	**Prep Date :**	04/22/19 19:30	**Prep By :**	Msoria

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	RptLimit		Qual
1,4-Dichlorobenzene	106-46-7	BRL	mg/L	1	0.05		
2,4,5-Trichlorophenol	95-95-4	BRL	mg/L	1	0.05		
2,4,6-Trichlorophenol	88-06-2	BRL	mg/L	1	0.05		
2,4-Dinitrotoluene	121-14-2	BRL	mg/L	1	0.05		
2-Methylphenol	95-48-7	BRL	mg/L	1	0.05		
3- & 4-Methylphenols	108-39-4 & 106-44-5	BRL	mg/L	1	0.1		
Hexachlorobenzene	118-74-1	BRL	mg/L	1	0.05		
Hexachlorobutadiene	87-68-3	BRL	mg/L	1	0.05		
Hexachloroethane	67-72-1	BRL	mg/L	1	0.05		
Nitrobenzene	98-95-3	BRL	mg/L	1	0.05		
Pentachlorophenol	87-86-5	BRL	mg/L	1	1.25		
Pyridine	110-86-1	BRL	mg/L	1	0.05		
2-Fluorophenol(surr)	367-12-4	65.2	%	1	15-111		
Phenol-d6(surr)	13127-88-3	57.5	%	1	15-120		
Nitrobenzene-d5(surr)	4165-60-0	68.3	%	1	20-120		
2-Fluorobiphenyl(surr)	132-60-8	66.3	%	1	30-115		
2,4,6-Tribromophenol(surr)	118-79-6	77.6	%	1	10-120		
p-Terphenyl-d14(surr)	1718-51-0	84.7	%	1	18-137		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
2,4,5-Trichlorophenol	0.25	0.196	78.3	0.25	0.198	79.2	1.1	35	6-115	
2,4,6-Trichlorophenol	0.25	0.177	70.7	0.25	0.180	71.9	1.8	35	40-138	
2,4-Dinitrotoluene	0.25	0.165	66.2	0.25	0.167	66.7	0.9	35	32-114	
2-Methylphenol	0.25	0.170	68.2	0.25	0.172	68.8	0.9	35	6-132	
3- & 4-Methylphenols	0.5	0.348	69.6	0.5	0.350	70	0.6	35	29-132	
Hexachlorobenzene	0.25	0.196	78.3	0.25	0.202	80.8	3.1	35	44-142	
Hexachlorobutadiene	0.25	0.161	64.4	0.25	0.160	64.1	0.6	35	20-124	
Hexachloroethane	0.25	0.149	59.5	0.25	0.155	62.1	4.2	35	14-136	
Nitrobenzene	0.25	0.191	76.2	0.25	0.192	76.6	0.7	35	38-146	
Pentachlorophenol	0.25	0.18	70.3	0.25	0.18	70.2	2.4	35	25-125	
Pyridine	0.25	0.130	51.8	0.25	0.132	53	1.9	35	6-112	
Pyridine	0.25	0.130	51.8	0.25	0.132	53	1.9	35	6-112	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 19041402 **Date :** 5/3/2019

Analysis : TCLP Semivolatiles **Method : SW-846 8270D** **Reporting Units : mg/L**

QC Batch ID : Qb19042456 **Created Date :** 04/24/19 **Created By :** VNair

Samples in This QC Batch : 19041402.01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16

QC Type: MS and MSD
QC Sample ID: 19041285.01

Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
1,4-Dichlorobenzene	BRL	0.25	0.161	64.5						24-134	
2,4,5-Trichlorophenol	BRL	0.25	0.207	82.7						6-115	
2,4,6-Trichlorophenol	BRL	0.25	0.180	72						40-138	
2,4-Dinitrotoluene	BRL	0.25	0.155	62						32-114	
2-Methylphenol	BRL	0.25	0.171	68.5						6-132	
3- & 4-Methylphenols	BRL	0.5	0.343	68.5						29-132	
Hexachlorobenzene	BRL	0.25	0.188	75.1						44-142	
Hexachlorobutadiene	BRL	0.25	0.158	63						20-124	
Hexachloroethane	BRL	0.25	0.156	62.4						14-136	
Nitrobenzene	BRL	0.25	0.186	74.4						38-146	
Pentachlorophenol	BRL	0.25	0.18	70.1						25-125	
Pyridine	BRL	0.25	0.173	69.2						6-112	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 19041402 **Date :** 5/3/2019

Analysis : **Ignitability (Flash Point) up to 150 degrees F** **Method :** **SW-846 1010A** **Reporting Units :** **°F**

QC Batch ID : Qb19042458 **Created Date :** 04/24/19 **Created By :** SKYanduru

Samples in This QC Batch : 19041402.01,02,03,04,05,06

QC Type: Duplicate

QC Sample ID: 19041212.01

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
Ignitability	>150	>150	°F		12		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Ignitability	85	86	101	85	83	97.6	3.6	12	96-104	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 19041402 **Date :** 5/3/2019

Analysis : **Ignitability (Flash Point) up to 150 degrees F** **Method :** **SW-846 1010A** **Reporting Units :** **°F**

QC Batch ID : Qb19042459 **Created Date :** 04/24/19 **Created By :** SKYanduru

Samples in This QC Batch : 19041402.07,08,09,10,11,12,13,14,15,16

QC Type: Duplicate

QC Sample ID: 19041402.07

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
Ignitability	>150	>150	°F		12		

QC Type: LCS and LCSD

Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Ignitability	85	84	98.8	85	86	101	2.4	12	96-104	

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE

Job ID : 19041402 **Date :** 5/3/2019

Analysis : % Moisture **Method : SM 2540G** **Reporting Units : %**

QC Batch ID : Qb19042461 **Created Date :** 04/24/19 **Created By :** SKYanduru

Samples in This QC Batch : 19041402.08,10,11,12,13,14,15,16

Sample Preparation : PB19042368 **Prep Method :** SM 2540G **Prep Date :** 04/23/19 19:00 **Prep By :** SKYanduru

QC Type: Method Blank

Parameter	CAS #	Result	Units	D.F.	RptLimit		Qual
% Moisture		BRL	%	1	0.1		

QC Type: Duplicate

QC Sample ID: 19041402.16

Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit		Qual
% Moisture	18	1.19	%	175.	20		R1

Refer to the Definition page for terms.

A & B Labs *Chain of Custody*

The Chain of Custody is a Legal Document

10100 East Fwy (I-10)
Suite 100
Houston, TX 77029
713-453-6060
1-877-478-6060 Toll Free
713-453-6091 Fax
ablabs.com

A&B JOB ID # 19041402

5. Project # B1702725

1. REPORT TO:
Company: Braun Intertec
Address: 906 E 18th St.
Plano, TX 75074
Contact: Austin Heider
Phone: 713-316-0025
Fax: ☐ 713-868-1509
E-mail: ☐ AHeider@Brauninterteс.com

2. INVOICE TO:
Company: Braun Intertec
Address: 906 E 18th St, Ste 100
Plano, TX 75074
Contact: Accounts payable
Phone:
Fax: ☐
E-mail: ☐

3. PO #
3a. A&B Quote #
4. Turnaround Time (Business Days)
☒ 1 Day* ☐ Other:
☐ 2 Days*
☐ 3 Days* *Surcharge applies
☐ 7 Days - Standard

6. Project Name/Location: ITC Waste Sampling

7. Reporting Requirement:
☐ TRRP Limits only ☐ TRRP Rpt. Package ☐ See Attached ☐ Standard Level II ☐ PST ☐ MDL ☐ EDD

8. Sampler's Name & Company (PLEASE PRINT): Jonathan Thomas Braun Intertec
Sampler's Signature & Date: [signature] 4/22/19

13. 14. Containers*
15. Preservatives** NO NO
16. PH-Lab Only

17. Analyses/Methods: IGN, CORR, TS 802 cir-NO pres; TCLP w/o pest/Herb; Dry Weight

LAB USE ONLY	9. Sample ID and Description	10. Sampling Date	Time 24hr	11. Comp.	Grab	12. Matrix Water	Soil	Sludge	Oil	Drinking Water	Air	Other	No. of Containers	IGN, CORR, TS 802 cir-NO pres	TCLP w/o pest/Herb	Dry Weight					18. REMARKS
.01GB	RT25500422B	4/22/19	1415	X	X		\					X	2	X	X	X					
.02GB	RT25-160422B		1440	X	X							X	2	X	X	X					
.03GB	ML-25160422B		1507	X	X							X	2	X	X	X					
.04GB	RT7140422B		1542	X			X					X	2	X	X	X					
.05GB	10150422B		1105	X								X	2	X	X	X					
.06GB	25-80422B		1151	X								X	2	X	X	X					
.07GB	OT-255320422B		1230	X								X	2	X	X	X					
.08GB	RT-25550422B		1350	X								X	2	X	X	X					
.09GB	25110422B		1140	X								X	2	X	X	X					
.10GB	RT2570422B		1210	X								X	2	X	X	X					

19. RELINQUISHED BY	DATE	TIME	20. RECEIVED BY	DATE	TIME
1 [signature]	4/22/19	1900	[signature]	4/22/19	19:00
2					
3					

21. KNOWN HAZARDS/COMMENTS

Temperature: 2.8-0.5 °C 2.3°C
Thermometer ID 1707629
Intact: Y or N Initials YZ

*Containers: VOA - 40 ml vial; 4 oz/8 oz - glass wide mouth; A/G - Amber/Glass 1 Liter; P/O - Plastic/other _____

**Preservatives: C - Cool; H - HCl; N - HNO_3; S - H_2SO_4; OH - NaOH; T - $NA_2S_2O_3$; X - Other

METHOD OF SHIPMENT

BILL OF LADING/TRACKING #

A&B cannot accept verbal changes
Please FAX written changes to 713-453-6091

LAB USE ONLY SAMPLING _____ RENTAL _____ P/U _____ Supplies _____ Field Work _____

Samples will be disposed of after 30 days
A&B reserves the right to return samples

A & B Labs *Chain of Custody*

The Chain of Custody is a Legal Document

10100 East Fwy (I-10)
Suite 100
Houston, TX 77029
713-453-6060
1-877-478-6060 Toll Free
713-453-6091 Fax
ablabs.com

A&B JOB ID # 19041402

5. Project # B1902725

1. REPORT TO:
Company: Braun Intertec
Address: 906 E 18th St.
Plano, TX 75074
Contact: Austin Heider
Phone: 713-316-0025
Fax: ☐ 713-868-1509
E-mail: ☐ Alheider@brauninterlec.com

2. INVOICE TO:
Company: Braun Intertec
Address: 906 E 18th St, Ste 100
Plano, TX 75074
Contact: Accounts Payable
Phone:
Fax: ☐
E-mail: ☐

3. PO #
3a. A&B Quote #
4. Turnaround Time (Business Days)
☒ 1 Day* ☐ Other:
☐ 2 Days*
☐ 3 Days* *Surcharge applies
☐ 7 Days - Standard

6. Project Name/Location
ITC Waste Sampling

7. Reporting Requirement:
☐ TRRP Limits only ☐ TRRP Rpt. Package ☐ See Attached ☐ Standard Level II ☐ PST ☐ MDL ☐ EDD

8. Sampler's Name & Company (PLEASE PRINT): Jonathan Thomas Braun Intertec
Sampler's Signature & Date: [signature] 4/22/19

13. 14. Containers*
15. Preservatives** NO NO
16. PH-Lab Only

17. Analyses/Methods: IGN, CORR, TS 8oz Cir; TCLP W/O Pest/Herb 8oz Cir

LAB USE ONLY	9. Sample ID and Description	10. Sampling Date	Time 24hr	11. Comp.	Grab	12. Matrix Water	Soil	Sludge	Oil	Drinking Water	Air	Other	No. of Containers	IGN, CORR, TS 8oz Cir	TCLP W/O Pest/Herb 8oz Cir						18. REMARKS
.11GB	SLD-25-91150422B	4/22/19	1355	X								X	2	X	X						
.12GB	RT-251050422B	↓	1400	X								X	2	X	X						
.13GB	RT-251060422B	↓	1425	X								X	2	X	X						
.14GB	RT2510340422B	↓	1455	X								X	2	X	X						
.15GB	RT-25910422B	↓	1530	X								X	2	X	X						
.16GB	RT13420422B	↓	1550	X								X	2	X	X						

19. RELINQUISHED BY	DATE	TIME	20. RECEIVED BY	DATE	TIME
1 [signature]	4/22/19	1800	[signature]	4/22/19	19:00
2					
3					

21. KNOWN HAZARDS/COMMENTS

Temperature: 2.8-0.5 °C 2.3°C
Thermometer ID 1707629
Intact: Y or N Initials YZ

*Containers: VOA - 40 ml vial; 4 oz/8 oz - glass wide mouth; A/G - Amber/Glass 1 Liter; P/O - Plastic/other

**Preservatives: C - Cool; OH - NaOH; H - HCl; T - $NA_2S_2O_3$; N - HNO_3; X - Other; S - H_2SO_4

METHOD OF SHIPMENT

BILL OF LADING/TRACKING #

A&B cannot accept verbal changes
Please FAX written changes to 713-453-6091

LAB USE ONLY SAMPLING _____ RENTAL _____ P/U _____ Supplies _____ Field Work _____

Samples will be disposed of after 30 days
A&B reserves the right to return samples

ab-s001-0516

Sample Condition Checklist

A&B JobID : **19041402**	Date Received : **04/22/2019**	Time Received : **7:00PM**
Client Name : **Braun Intertec**		
Temperature : **2.8-0.5=2.3°C**	Sample pH : **N/A**	
Thermometer ID : **1707629**	pH Paper ID : **N/A**	

	Check Points	Yes	No	N/A
1.	**Cooler seal present and signed.**		X	
2.	**Sample(s) in a cooler.**	X		
3.	**If yes, ice in cooler.**	X		
4.	**Sample(s) received with chain-of-custody.**	X		
5.	**C-O-C signed and dated.**	X		
6.	**Sample(s) received with signed sample custody seal.**		X	
7.	**Sample containers arrived intact. (If no comment).**	X		
8.	**Matrix :** Water ☐ Soil ☑ Liquid ☐ Sludge ☐ Solid ☑ Cassette ☐ Tube ☐ Bulk ☐ Badge ☐ Food ☐ Other ☐			
9.	**Sample(s) were received in appropriate container(s).**	X		
10.	**Sample(s) were received with proper preservative**			X
11.	**All samples were logged or labeled.**	X		
12.	**Sample ID labels match C-O-C ID's**	X		
13.	**Bottle count on C-O-C matches bottles found.**	X		
14.	**Sample volume is sufficient for analyses requested.**	X		
15.	**Samples were received within the hold time.**	X		
16.	**VOA vials completely filled.**			X
17.	**Sample accepted.**	X		
18	**Has client been contacted about sub-out**			X

Comments : Include actions taken to resolve discrepancies/problem:

Sx. .04 is soil, all others are solid. -LeBell 04.23.2019

Received by : YWei

Check in by/date : LEBell / 04/23/2019