### **RECLAMATION CLOSURE REPORT**

PREPARED FOR: DEVON ENERGY PRODUCTION, LP.

PREPARED BY: PIMA ENVIRONMENTAL SERIVCES, LLC.

May 20<sup>th</sup>, 2025 PIMA ENVIRONMENTAL SERVICES, LLC. 5614 N LOVINGTON HWY, HOBBS, NM 88240



NMOCD District 2 811 S First St. Artesia, NM 88210

Bureau of Land Management 620 E Green St. Carlsbad, NM 88220

RE: RECLAMATION CLOSURE REPORT LOCATION: Beetle Juice 19 Fed Battery 3 FACILITY ID: fAPP2129455914 GPS: 32.6525167, -103.9121638 INCIDENT LOCATION: UL- C. Section 19, T19S, R31E COUNTY: Eddy NMOCD REF. NO. NAPP2220629483

Pima Environmental Services, LLC (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare the Reclamation Closure Report for the Beetle Juice 19 Fed Battery 3 site (hereafter referred to as the "Beetle"). This report provides a comprehensive overview of the site's history, details the reclamation activities that have been undertaken to date, and outlines a proposed plan for ongoing vegetation monitoring.

### SITE CHARACTERIZATION

The Beetle is located approximately twelve (12) miles southeast of Loco Hills, NM. This spill site is in Unit C, Section 19, Township 19S, Range 31E, Latitude 32.6525167 Longitude -103.9121638, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Simona-Bippus, 0 to 5 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a high potential for karst geology to be present around the Beetle (Figure 3). A Topographic Map can be referenced in Figure 2.

Based on the well water data from the New Mexico Office of the State Engineer water well (CP-00873- POD 1), the depth to the nearest groundwater in this vicinity measures 340 feet below grade surface (BGS), positioned 0.18 of a mile away from the Beetle, drilled, January 2, 1998. Conversely, as per the United States Geological Survey well water data (USGS323947103412001), the nearest groundwater depth in this region is recorded at 118 feet BGS, situated approximately 13 miles away from the Beetle, with the last gauge conducted in 2024. The nearest water feature is a Salt Playa located approximately 2.54 miles to the northwest of this site. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps.



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### SITE CONDITIONS AND HISTORY

### NAPP2220629483

On July 23, 2022, a water tank was struck by lightning causing fluid to release. Devon had a vacuum truck remove the standing fluid. The released fluids were calculated to be approximately 220.44 barrels (bbls) of produced water. A vacuum truck was able to recover 220.44 bbls of standing fluid.

While incident NAPP2220629483 was being addressed, depth to groundwater was classified as <50' BGS due to high karst potential.

On August 11, 2022, Pima Environmental conducted a site assessment and obtained soil samples. The laboratory results of this sampling event can be found in Figure 4. Analytical Laboratory Reports can be found in Appendix D. Photographic Documentation can be found in Appendix C.

On November 7, 2022, the Devon Construction Department mobilized personnel and equipment to begin immediate remediation activities. They began by excavating areas S-1 through S-5 to a depth of 5' BGS. Pima personnel collected samples to verify all contaminated soil had been removed. The contaminated soil was hauled to an approved, lined disposal facility and clean backfill material was brought in.

On November 16, 2022, after sending a 48-hour notification (Appendix C), Pima returned to the site to collect confirmation samples of the excavation. The results of this sampling event can be found in Figure 4. Analytical Laboratory Reports can be found in Appendix D. Photographic Documentation can be found in Appendix C.

The sample results were below NMOCD Closure Criteria 19.15.29 NMAC. Based on these findings, no additional remediation activities were required at this location.

A Remediation Closure Report (Application ID: 271485), was submitted to the NMOCD on October 2, 2023, for approval.

On March 8, 2024, Incident ID: NAPP2220629483, was approved by the NMOCD.

### **RECLAMATION ACTIVITIES**

On May 6, 2025, Pima personnel returned to the site to collect 5-point composite samples from backfilled areas. The results of this sampling event can be found in Figure 4. Analytical Laboratory Reports can be found in Appendix D.

The release and reclamation extent were on the pad and the area was remediated according to 19.15.29.12 NMAC. The confirmation lab sample results verified all samples within the top 4 feet of soil in this area includes non-waste containing, earthen material with chloride levels that are less than 600 mg/kg and TPH concentrations less than 100 mg/kg per 19.15.29.13 NMAC.

### **REVEGETATION OF THE SITE**

Devon Energy will carry out revegetation activities and seeding of the site within 25 years or immediately after the site is no longer needed for production and/or subsequent drilling operations, whichever comes sooner.



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### **REQUEST OF APPROVAL**

After careful review, Pima requests that this Reclamation Closure Report for the Beetle Juice 19 Fed Battery 3, incident ID NAPP2220629483, be approved.

Should you have any questions or need additional information, please feel free to contact: Devon Energy Production – Jim Raley at 575-689-7597 or <u>jim.raley@dvn.com</u>. Pima Environmental – Lynsey Coons at 575-318-7532 or lynsey@pimaoil.com.

Respectfully,

Lynsey Coons

Lynsey Coons Project Manager Pima Environmental Services, LLC



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# ATTACHMENTS

### FIGURES:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Data Tables
- 5- Site Map
- 6- Confirmation Sample Map

### **APPENDICES**:

- Appendix A Water Surveys, Surface Water Map
- Appendix B Soil Survey, Geological Data, FEMA Flood Map, Wetlands Map
- Appendix C 48-Hour Notification, Photographic Documentation
- Appendix D Laboratory Results



## FIGURES

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Data Tables
- 5- Site Map
- 6- Confirmation Sample Map



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### **BEETLE JUICE 19 FED BATTERY 3**

Loco Hills

Devon Energy Facility ID: fAPP2129455914 Eddy County, NM NAPP2220629483 Location Map

82

Legend

Maljamar

12.11 miles southeast of Loco Hills

BEETLE JUICE 19 FED BATTERY 3

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BEETLE JUICE 19 FED BATTERY 3

Google Earth



### Received by OCD: 5/20/2025 4:19:12 PM

### **BEETLE** JUICE 19 FED BATTERY 3

Devon Energy Facility ID: fAPP2129455914 Eddy County, NM NAPP2220629483 Karst Map Legend

BEETLE JUICE 19 FED BATTERY 3

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- High Karst
- Low Karst
- Medium Karst

BEETLE JUICE 19 FED BATTERY 3



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## Assessment Data Tables



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NM	OCD Table	1 Closure	Criteria 19	.15.29 NN	IAC (Depth	to Ground	lwater is <50	')
		DEVO	N ENERGY B	eetle Juice	e 19 Fed Ba	ttery 3		
Date: 8-11-2	2			NM Appr	oved Labor	atory Resu	ults	
	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
S1	3'	ND	ND	ND	ND	ND	0	188
63	3'	ND	ND	ND	ND	ND	0	1310
S2	4'	ND	ND	ND	ND	ND	0	406
63	3'	ND	ND	ND	ND	ND	0	844
S3	4'	ND	ND	ND	ND	ND	0	664
	3'	ND	ND	ND	ND	ND	0	3520
S4	4'	ND	ND	ND	ND	ND	0	1750
	5'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	636
S5	4'	ND	ND	ND	ND	ND	0	1420
	5'	ND	ND	ND	ND	ND	0	ND
S6	1'	ND	ND	ND	ND	ND	0	109
S7	1'	ND	ND	ND	ND	ND	0	77.8
S8	1'	ND	ND	ND	ND	ND	0	ND
SW1	6"	ND	ND	ND	ND	ND	0	ND
SW2	6"	ND	ND	ND	ND	ND	0	ND
SW3	6"	ND	ND	ND	ND	ND	0	ND
SW4	6"	ND	ND	ND	ND	ND	0	ND
SW5	6"	ND	ND	ND	ND	ND	0	ND
SW6	6"	ND	ND	ND	ND	ND	0	ND
SW7	6"	ND	ND	ND	ND	ND	0	ND
SW8	6"	ND	ND	ND	ND	ND	0	ND
SW9	6"	ND	ND	ND	ND	ND	0	ND
SW10	6"	ND	ND	ND	ND	ND	0	ND
SW11	6''	ND	ND	ND	ND	ND	0	ND
SW12	6''	ND	ND	ND	ND	ND	0	ND
SW13	6''	ND	ND	ND	ND	ND	0	ND
SW14	6''	ND	ND	ND	ND	ND	0	ND
BG1	6"	ND	ND	ND	ND	ND	0	ND
BG2	6''	ND	ND	ND	ND	ND	0	ND

# Confirmation Data Tables



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NM	IOCD Table	1 Closure	Criteria 19	.15.29 NN	IAC (Depth	to Ground	lwater is <50	')
		DEVO	N ENERGY B	eetle Juic	e 19 Fed Ba	ttery 3		
Date: 11-16-2	22			NM Appr	oved Labor	atory Resu	ults	
	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CSW1	5'	ND	ND	ND	ND	ND	0	22.3
CSW2	5'	ND	ND	ND	ND	ND	0	ND
CSW3	5'	ND	ND	ND	ND	ND	0	21
CSW4	5'	ND	ND	ND	ND	ND	0	ND
CSW5	5'	ND	ND	ND	ND	ND	0	ND
CSW6	5'	ND	ND	ND	ND	ND	0	147
CSW7	5'	ND	ND	ND	ND	ND	0	106
CSW8	5'	ND	ND	ND	ND	ND	0	ND
CSW9	5'	ND	ND	ND	ND	ND	0	ND
CSW10	5'	ND	ND	ND	ND	ND	0	ND
CSW11	5'	ND	ND	ND	ND	ND	0	ND
CSW12	5'	ND	ND	ND	ND	ND	0	20.8
CSW13	5'	ND	ND	ND	ND	ND	0	113
CSW14	5'	ND	ND	ND	ND	ND	0	22.4
CSW15	5'	ND	ND	ND	ND	ND	0	ND
CSW16	5'	ND	ND	ND	ND	ND	0	ND
CSW17	5'	ND	ND	ND	ND	ND	0	ND
CSW18	5'	ND	ND	ND	ND	ND	0	30.6
CSW19	5'	ND	ND	ND	ND	ND	0	ND
CSW20	5'	ND	ND	ND ND ND	ND ND ND	ND         0           ND         0           ND         0	0	ND
CSW21	5'	ND	ND				0	ND
CSW22	5'	ND	ND				0	ND
CSW23	5'	ND	ND	ND	ND	ND	0	39
CSW24	5'	ND	ND	ND	ND	ND	0	ND
CSW25	5'	ND	ND	ND	ND	ND	0	ND
CSW26	5'	ND	ND	ND	ND	ND	0	ND
CSW27	5'	ND	ND	ND	ND	ND	0	ND
CSW28	5'	ND	ND	ND	ND	ND	0	ND
CSW29	5'	ND	ND	ND	ND	ND	0	ND
CSW30	5'	ND	ND	ND	ND	ND	0	ND
CSW31	5'	ND	ND	ND	ND	ND	0	ND
CSW32	5'	ND	ND	ND	ND	ND	0	ND
CS1	5'	ND	ND	ND	ND	ND	0	ND
CS2	5'	ND	ND	ND	ND	ND	0	ND
CS3	5'	ND	ND	ND	ND	ND	0	ND
CS4	5'	ND	ND	ND	ND	ND	0	ND
CS5	5'	ND	ND	ND	ND	ND	0	ND
CS6	5'	ND	ND	ND	ND	ND	0	ND
CS7	5'	ND	ND	ND	ND	ND	0	ND
CS8	5'	ND	ND	ND	ND	ND	0	ND

NM	IOCD Table	1 Closure	Criteria 19	.15.29 NN	IAC (Depth	to Ground	lwater is <50	')
		DEVO	N ENERGY B	eetle Juic	e 19 Fed Ba	ttery 3		-
Date: 11-16-2	22			NM Appr	oved Labor	atory Resu	ults	
	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CS9	5'	ND	ND	ND	ND	ND	0	ND
CS10	5'	ND	ND	ND	ND	ND	0	ND
CS11	5'	ND	ND	ND	ND	ND	0	ND
CS12	5'	ND	ND	ND	ND	ND	0	ND
CS13	5'	ND	ND	ND	ND	ND	0	ND
CS14	5'	ND	ND	ND	ND	ND	0	ND
CS15	5'	ND	ND	ND	ND	ND	0	ND
CS16	5'	ND	ND	ND	ND	ND	0	ND
CS17	5'	ND	ND	ND	ND	ND	0	ND
CS18	5'	ND	ND	ND	ND	ND	0	ND
CS19	5'	ND	ND	ND	ND	ND	0	ND
CS20	5'	ND	ND	ND	ND	ND	0	ND
CS21	5'	ND	ND	ND	ND	ND	0	ND
CS22	5'	ND	ND	ND	ND	ND	0	ND
CS23	5'	ND	ND	ND	ND	ND	0	ND
CS24	5'	ND	ND	ND	ND	ND	0	ND
CS25	5'	ND	ND	ND	ND ND ND	ND	0 0 0	ND
CS26	5'	ND	ND	ND		ND		ND ND
CS27	5'	ND	ND	ND		ND		
CS28	5'	ND	ND	ND	ND	ND	0	ND
CS29	5'	ND	ND	ND	ND	ND	0	ND
CS30	5'	ND	ND	ND	ND	ND	0	ND
CS31	5'	ND	ND	ND	ND	ND	0	ND
CS32	5'	ND	ND	ND	ND	ND	0	ND
CS33	5'	ND	ND	ND	ND	ND	0	ND
CS34	5'	ND	ND	ND	ND	ND	0	ND
CS35	5'	ND	ND	ND	ND	ND	0	ND
CS36	5'	ND	ND	ND	ND	ND	0	ND
CS37	5'	ND	ND	ND	ND	ND	0	ND
CS38	5'	ND	ND	ND	ND	ND	0	ND
CS39	5'	ND	ND	ND	ND	ND	0	ND
CS40	5'	ND	ND	ND	ND	ND	0	ND
CS41	5'	ND	ND	ND	ND	ND	0	29.7
CS42	5'	ND	ND	ND	ND	ND	0	ND
CS43	5'	ND	ND	ND	ND	ND	0	28.9
CS44	5'	ND	ND	ND	ND	ND	0	ND
CS45	5'	ND	ND	ND	ND	ND	0	ND
CS46	5'	ND	ND	ND	ND	ND	0	ND
CS47	5'	ND	ND	ND	ND	ND	0	33.9
CS48	5'	ND	ND	ND	ND	ND	0	ND

NM	OCD Table	1 Closure	Criteria 19	.15.29 NN	IAC (Depth	to Ground	lwater is <50	')
		DEVO	I ENERGY B	eetle Juic	e 19 Fed Ba	ttery 3		
Date: 11-16-2	22			NM Appr	oved Labor	atory Resu	ılts	
Sample ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CS49	5'	ND	ND	ND	ND	ND	0	ND
CS50	5'	ND	ND	ND	ND	ND	0	ND
CS51	5'	ND	ND	ND	ND	ND	0	ND
CS52	5'	ND	ND	ND	ND	ND	0	29.5
CS53	5'	ND	ND	ND	ND	ND	0	ND
CS54	5'	ND	ND	ND	ND	ND	0	ND
CS55	5'	ND	ND	ND	ND	ND	0	ND
CS56	5'	ND	ND	ND	ND	ND	0	ND
CS57	5'	ND	ND	ND	ND	ND	0	ND
CS58	5'	ND	ND	ND	ND	ND	0	ND
CS59	5'	ND	ND	ND	ND	ND	0	ND
CS60	5'	ND	ND	ND	ND	ND	0	ND
CS61	5'	ND	ND	ND	ND	ND	0	20.7
CS62	5'	ND	ND	ND	ND	ND	0	ND
CS63	5'	ND	ND	ND	ND	ND	0	ND
CS64	5'	ND	ND	ND	ND	ND	0	ND
CS65	5'	ND	ND	ND	ND	ND	0	ND
CS66	5'	ND	ND	ND	ND	ND	0	ND
CS67	5'	ND	ND	ND	ND	ND	0	ND
CS68	5'	ND	ND	ND	ND	ND	0	ND
CS69	5'	ND	ND	ND	ND	ND	0	ND
CS70	5'	ND	ND	ND	ND	ND	0	ND
CS71	5'	ND	ND	ND	ND	ND	0	ND
CS72	5'	ND	ND	ND	ND	ND	0	ND
CS73	5'	ND	ND	ND	ND	ND	0	ND
CS74	5'	ND	ND	ND	ND	ND	0	ND
CS75	5'	ND	ND	ND	ND	ND	0	ND
CS76	5'	ND	ND	ND	ND	ND	0	ND
CS77	5'	ND	ND	ND	ND	ND	0	ND
CS78	5'	ND	ND	ND	ND	ND	0	ND
CS79	5'	ND	ND	ND	ND	ND	0	ND
CS80	5'	ND	ND	ND	ND	ND	0	ND
CS81	5'	ND	ND	ND	ND	ND	0	ND
CS82	5'	ND	ND	ND	ND	ND	0	ND
CS83	5'	ND	ND	ND	ND	ND	0	ND
CS84	5'	ND	ND	ND	ND	ND	0	ND
CS85	5'	ND	ND	ND	ND	ND	0	ND
CS86	5'	ND	ND	ND	ND	ND	0	ND
CS87	5'	ND	ND	ND	ND	ND	0	ND
CS88	5'	ND	ND	ND	ND	ND	0	ND ND
CS89	5'	ND	ND	ND	ND	ND	0	ND

NM	OCD Table	1 Closure	Criteria 19	.15.29 NIV	IAC (Depth	to Ground	lwater is <50	')
		DEVON	I ENERGY B	eetle Juice	e 19 Fed Ba	ttery 3		
Date: 11-16-2	22			NM Appr	oved Labor	atory Resu	ults	
Completio	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CS90	5'	ND	ND	ND	ND	ND	0	ND
CS91	5'	ND	ND	ND	ND	ND	0	ND
CS92	5'	ND	ND	ND	ND	ND	0	ND
CS93	5'	ND	ND	ND	ND	ND	0	ND
CS94	5'	ND	ND	ND	ND	ND	0	ND
CS95	5'	ND	ND	ND	ND	ND	0	ND
CS96	5'	ND	ND	ND	ND	ND	0	ND
CS97	5'	ND	ND	ND	ND	ND	0	ND
CS98	5'	ND	ND	ND	ND	ND	0	ND
CS99	5'	ND	ND	ND	ND	ND	0	ND
CS100	5'	ND	ND	ND	ND	ND	0	ND
CS101	5'	ND	ND	ND	ND	ND	0	ND
CS102	5'	ND	ND	ND	ND	ND	0	ND
CS103	5'	ND	ND	ND	ND	ND	0	ND
CS104	5'	ND	ND	ND	ND	ND	0	ND
CS105	5'	ND	ND	ND	ND	ND	0	ND
CS106	5'	ND ND ND ND	ND	ND	ND	ND	0	ND
CS107	5'		ND	ND ND	ND	D ND	0	ND
CS108	5'	ND	ND		ND		0	ND
CS109	5'	ND	ND	ND	ND		0	ND
CS110	5'	ND	ND	ND	ND	ND	0	ND
CS111	5'	ND	ND	ND	ND	ND	0	ND
CS112	5'	ND	ND	ND	ND	ND	0	ND
CS113	5'	ND	ND	ND	ND	ND	0	ND
CS114	5'	ND	ND	ND	ND	ND	0	ND
CS115	5'	ND	ND	ND	ND	ND	0	ND
CS116	5'	ND	ND	ND	ND	ND	0	ND
CS117	5'	ND	ND	ND	ND	ND	0	ND
CS118	5'	ND	ND	ND	ND	ND	0	ND
CS119	5'	ND	ND	ND	ND	ND	0	ND
CS120	5'	ND	ND	ND	ND	ND	0	ND
CS121	5'	ND	ND	ND	ND	ND	0	ND
CS122	5'	ND	ND	ND	ND	ND	0	ND
CS123	5'	ND	ND	ND	ND	ND	0	ND
CS124	5'	ND	ND	ND	ND	ND	0	ND

# Backfill Data Tables



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NM	IOCD Table	1 Closure	Criteria 19	.15.29 NN	IAC (Depth	to Ground	lwater is <50	')						
	DEVON ENERGY Beetle Juice 19 Fed Battery 3													
Date: 5-6-25 NM Approved Labora						atory Resu	ults							
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg						
BACKFILL 1	Comp	ND	ND	ND	ND	ND	0	ND						
BACKFILL 2	Comp	ND	ND	ND	ND	ND	0	ND						
BACKFILL 3	Comp	ND	ND	ND	ND	ND	0	ND						
BACKFILL 4	Comp	ND	ND	ND	ND	ND	0	ND						
BACKFILL 5	Comp	ND	ND	ND	ND	ND	0	ND						
BACKFILL 6	Comp	ND	ND	ND	ND	ND	0	ND						
BACKFILL 7	Comp	ND	ND	ND	ND	ND	0	ND						
BACKFILL 8	Comp	ND	ND	ND	ND	ND	0	ND						



### Received by OCD: 5/20/2025 4:19:12 PM **Beetlejuice 19 Fed 3 Battery**

CSW

CSW7 0319 0

CS20 •

CS18 •

CSU6 CS15 0

CS13 CSW5

CSW34

CS10 CS9 CS32

cs8

CSW33

CSW3

CSW32

CSW31 O CS23 O CS121

CSW2 cs3 CS24

CSW1 0

Beetle juice 19 3H 🗸

CS43

CS4

CS40 CS16 CS39

CSW10

CSW11

CS15 0 0098 0 CS45 CS46 CS14CS37 0CS44 CS45 CS46 **°CS36** 

**CS35** 

CS34

CS33

CS31

°CS30

CS29

CS28

• CS119

CS27 CS87

COSW12 COSW13

**CS**49

CS51

CS52 CS81

**CS85** 

Cs12 CS12 CS10 CS99 CSW2 CS124 CCS100 CS99 CSW24 CSW30 CSW28 CSW27

°CS70

CSW

SP4 CSW/

CS98 CSW24

Devon Energy API:N/A Eddy County, NM Confirmation Sample Map

	•	Page 20 of 422 end Beetle juice 19 3H Excavation Area Bottom samples Sidewalls
SW16 CS68 CSW17 S CSW18 CS62 CS68		
22 23 25 25 25 25 25 25 25 25 25 25 25 25 25		

A N

# APPENDIX A

OSE Water Survey USGS Water Survey Surface Water Map



DEVON ENERGY PRODUCTION, LP.

				oint o	t Di	versi	on S	Sum	mary		
		с		1=NW 2=NE 3 are smallest to		SE			NAD83 UTM	in meters	
Well Ta	ag POD	Nbr C	264	Q16	Q4	Sec	Tws	Rng	x	Y	Мар
	CP 00	0873 POD1		NW	NW	19	19S	31E	601772.0	3613147.0 *	•
UTM lo	cation was d	lerived from PLSS	- see Help								
Driller	License:	421	Driller	Company:	(	GLENN'S W	ATER V	/ELL SEF	RVICE		
Driller	Name:	GLENN, CLA	rk a."Cof	₹КҮ"							
Drill St	art Date:	1998-01-02	Drill Fi	nish Date:	1	1998-01-05	;		Plu	g Date:	
Log Fil	e Date:	1998-01-15	PCW R	cv Date:					Soι	irce:	Shallow
Pump	Туре:		Pipe D	ischarge Si	ze:				Esti	mated Yield:	50
Casing	Size:	6.62	Depth	Well:	Э	340			Dej	oth Water:	180
ater	Bearing Bottom	Stratification Description	ns:								
•	320	Shallow Alluvi	um/Basin	Fill							
240 asing	g Perfo	Shallow Alluvi	um/Basin	Fill							
240 asing	g Perfo <sup>Bottom</sup>		um/Basin	Fill							
240 asing	g Perfo		um/Basin	Fill							
240 asing Top	g Perfo <sup>Bottom</sup>	orations:	um/Basin	Fill							
asing Top 226	g Perfo Bottom 340	orations:		Fill ter Make:		MASTER					
240 asing Top 226 leter	g Perfo Bottom 340 Informat	tion 805	Met		ier:	MASTER 100.000					

Unit of Measure:

Gallons

Meter Read	lings (i	n Acre-Feet)					
Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	
1999-01-01	1999	37400.000	А	fm		0.000	

Reading Frequency:

Monthly

Online

.

### Received by OCD: 5/20/2025 4:19:12 PM

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
1999-01-15	1999	43541.000	А	fm		1.885	
2000-04-27	2000	14849.000	R	jw	Meter Rollover	298.083	
2000-07-31	2000	24399.000	А	jw		2.931	

#### **YTD Meter Amounts:**

Year	Amount
1999	1.885

2000 301.014

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/19/25 9:18 AM MST

**Point of Diversion Summary** 

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Released to Imaging: 6/9/2025 4:37:01 PM

## **BEETLE JUICE 19 FED BATTERY 3**

Devon Energy Facility ID: fAPP2129455914 Eddy County, NM NAPP2220629483 OSE POD Map

Received by OCD: 5/20/2025 4:19:12

### Legend

🍰 0.18 miles

-0 0:0

BEETLE JUICE 19 FED BATTERY 3

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F 00873 POD1

BEETLE JUICE 19 FED BATTERY 3

Man - 1

Google Earth

Released to Imaging: 6/9/2025 4:3



USGS Home Contact USGS Search USGS

### **National Water Information System: Web Interface**

USGS Water Resources	Data Category:	Geographic Area:		
obdo water Resources	Groundwater 🗸 🗸	United States	~	GO

### Click to hideNews Bulletins

• Explore the NEW USGS National Water Dashboard interactive map to access realtime water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

### Search Results -- 1 sites found

site\_no list =

• 323947103412001

### **Minimum number of levels =** 1

Save file of selected sites to local disk for future upload

### USGS 323947103412001 19S.33E.17.11224 40

Available data for this site Groundwater: Field measurements V GO

Lea County, New Mexico Hydrologic Unit Code 13060011 Latitude 32°40'01.8", Longitude 103°41'24.3" NAD83 Land-surface elevation 3,654 feet above NAVD88 The depth of the well is 131 feet below land surface. This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

### **Output formats**

Table of data	
Tab-separated data	
Graph of data	
Reselect period	



Breaks in the plot represent a gap of at least one year between field measurements. <u>Download a presentation-quality graph</u>

Questions or Comments Help Data Tips Explanation of terms Subscribe for system changes

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels? USA.gov

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2025-05-19 11:29:56 EDT 0.62 0.44 nadww02

### Received by OCD: 5/20/2025 4:19-12 PM

### **BEETLE JUICE 19 FED BATTERY 3**

Devon Energy Facility ID: fAPP2129455914 Eddy County, NM NAPP2220629483 USGS Map Legend

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- 12.99 miles
- BEETLE JUICE 19 FED BATTERY 3

USGS 323947103412001

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JSGS 323947103412001

BEETLE JUICE 19 FED BATTERY 3



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### Received by OCD: 5/20/2025 4:19:12 PM

### **BEETLE JUICE 19 FED BATTERY 3**

Devon Energy Facility ID: fAPP2129455914 Eddy County, NM NAPP2220629483 Surface Water Map

Salt Playa



### Legend

Non Aller

- 🍰 2.54 miles
- BEETLE JUICE 19 FED BATTERY 3

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🕴 Salt Playa

BEETLE JUICE 19 FED BATTERY 3

Google Earth

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## APPENDIX B

Soil Survey & Geological Data Geologic Unit Map FEMA Flood Map Wetlands Map



### Eddy Area, New Mexico

### SM—Simona-Bippus complex, 0 to 5 percent slopes

### Map Unit Setting

National map unit symbol: 1w5x Elevation: 1,800 to 5,000 feet Mean annual precipitation: 8 to 24 inches Mean annual air temperature: 57 to 70 degrees F Frost-free period: 180 to 230 days Farmland classification: Not prime farmland

#### **Map Unit Composition**

Simona and similar soils: 55 percent Bippus and similar soils: 30 percent Minor components: 15 percent Estimates are based on observations, descriptions, and transects of the mapunit.

### **Description of Simona**

#### Setting

Landform: Plains, alluvial fans Landform position (three-dimensional): Rise Down-slope shape: Convex, linear Across-slope shape: Linear Parent material: Mixed alluvium and/or eolian sands

#### **Typical profile**

*H1 - 0 to 19 inches:* gravelly fine sandy loam *H2 - 19 to 23 inches:* indurated

### **Properties and qualities**

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 2.1 inches)

#### Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 7e Hydrologic Soil Group: D

Page 31 of 422

*Ecological site:* R070BD002NM - Shallow Sandy *Hydric soil rating:* No

#### **Description of Bippus**

#### Setting

Landform: Flood plains, alluvial fans Landform position (three-dimensional): Talf, rise Down-slope shape: Convex, linear Across-slope shape: Linear Parent material: Mixed alluvium

#### **Typical profile**

*H1 - 0 to 37 inches:* silty clay loam *H2 - 37 to 60 inches:* clay loam

### **Properties and qualities**

Slope: 0 to 5 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: Occasional
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.7 inches)

#### Interpretive groups

Land capability classification (irrigated): 2e Land capability classification (nonirrigated): 3e Hydrologic Soil Group: B Ecological site: R070BC017NM - Bottomland Hydric soil rating: No

#### **Minor Components**

#### Simona

Percent of map unit: 8 percent Ecological site: R070BD002NM - Shallow Sandy Hydric soil rating: No

#### Bippus

Percent of map unit: 7 percent Ecological site: R070BC017NM - Bottomland



Hydric soil rating: No

### **Data Source Information**

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 20, Sep 3, 2024



**Conservation Service** 



National Cooperative Soil Survey

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MAP INFORMATION

### MAP LEGEND



USDA

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### Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
SM	Simona-Bippus complex, 0 to 5 percent slopes	10.9	100.0%
SR	Stony and Rough broken land	0.0	0.0%
Totals for Area of Interest	·	10.9	100.0%



(https://www.usgs.gov/)

Mineral Resources (https://www.usgs.gov/energy-and-minerals/mineral-resources-program)

- / Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/)
- / New Mexico (/geology/state/state.php?state=NM)

### Eolian and piedmont deposits

XML (/geology/state/xml/NMQep;0) JSON (/geology/state/json/NMQep;0)

Shapefile (/geology/state/unit-shape.php?unit=NMQep;0)

Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits.

State	New Mexico (/geology/state/state.php?state=NM)			
Name	Eolian and piedmont deposits			
Geologic age	Holocene to middle Pleistocene			
Lithologic constituents	Major Unconsolidated (Eolian) Interlayered eolian sands and piedmont-slope deposits			
References	New Mexico Bureau of Geology and Mineral Resources, 2003, Geologic Map of New Mexico, scale 1:500,000 (includes some new polygons, faults, and attributes not in NM001 - heads up digitizing by JHorton).			
NGMDB product	NGMDB product page for 22974 (https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm)			
Counties	Chaves (/geology/state/fips-unit.php?code=f35005) - DeBaca (/geology/state/fips- unit.php?code=f35011) - Eddy (/geology/state/fips-unit.php?code=f35015) - Lea (/geology/state/fips-unit.php?code=f35025) - Roosevelt (/geology/state/fips- unit.php?code=f35041)			

DOI Privacy Policy (https://www.doi.gov/privacy) | Legal (https://www.usgs.gov/laws/policies\_notices.html) |

Accessibility (https://www2.usgs.gov/laws/accessibility.html) | Site Map (https://www.usgs.gov/sitemap.html) |

Contact USGS (https://answers.usgs.gov/)

U.S. Department of the Interior (https://www.doi.gov/) | DOI Inspector General (https://www.doioig.gov/) |
White House (https://www.whitehouse.gov/) | E-gov (https://www.whitehouse.gov/omb/management/egov/) |

No Fear Act (https://www.doi.gov/pmb/eeo/no-fear-act) | FOIA (https://www2.usgs.gov/foia)

## **BEETLE JUICE 19 FED BATTERY 3**

Devon Energy Facility ID: fAPP2129455914 Eddy County, NM NAPP2220629483 Geological Map Legend

 $\bigcirc$ 

BEETLE JUICE 19 FED BATTERY 3

- Eolian and piedmont deposits
- Piedmont alluvial deposits

DBEETLE JUICE 19 FED BATTERY 3

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# Google Earth

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A N

# National Flood Hazard Layer FIRMette



#### Legend

regulatory purposes.

#### 03°55'3"W 32°39'24"N SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOU Without Base Flood Elevation (BFE) Zone A. V. AS With BFE or Depth Zone AE, AO, AH, VE, A. SPECIAL FLOOD HAZARD AREAS **Regulatory Floodway** 0.2% Annual Chance Flood Hazard, Arbas of 1% annual chance flood with average depth less than one foot or with drain e areas of less than one square mile Zo Future Conditions 1% Annual Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X **OTHER AREAS OF** Area with Flood Risk due to Levee Zonde FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs **OTHER AREAS** Area of Undetermined Flood Hazard Zone D GENERAL - - - Channel, Culvert, or Storm Sewer STRUCTURES IIIIII Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation AREA OF MINIMAL FLOOD HAZARD Eddy County **Coastal Transect** Base Flood Elevation Line (BFE) Zde X 350120 Limit of Study **X** BEETLE JUICE 19 FED BATTERY 3 **Jurisdiction Boundary** ---- Coastal Transect Baseline OTHER **Profile Baseline** 35015C0650D FEATURES Hydrographic Feature eff. 6/4/2010 **Digital Data Available** No Digital Data Available MAP PANELS Unmapped The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location. This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/19/2025 at 6:45 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time. This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for \_> 103°54'25"W 32°38'54"N Feet 1:6,000 unmapped and unmodernized areas cannot be used for

250

500

1.000

1.500

2.000

3 Ś

Basemap Imagery Source: USGS National Map 2023



## U.S. Fish and Wildlife Service **National Wetlands Inventory**

## Wetlands Map



May 19, 2025

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

> National Wetlands Inventory (NWI) This page was produced by the NWI mapper

# APPENDIX C

48-Hour Notification

Photographic Documentation



Pima Environmental Services, LLC 5614 N Lovington Hwy, Hobbs, NM 88240 575-964-7740 | www.pimaoil.com DEVON ENERGY PRODUCTION, LP.



Gio PimaOil <gio@pimaoil.com>

## Beetle Juice 19 Fed 3 Sampling Confirmation

1 message

---

#### **Gio PimaOil** <gio@pimaoil.com> To: ocdonline@state.nm.us, Tom Pima Oil <tom@pimaoil.com>

Mon, Nov 14, 2022 at 11:47 AM

Good Morning,

Pima Environmental would like to notify you that we will be collecting confirmation samples at the **Beetlejuice 19 Fed 3 Battery** for incident **NAPP2220629483**. Pima personnel are scheduled to be on site for this sampling event at approximately 12:00 p.m. on Wednesday, November 16, 2022. If you have any questions or concerns, please let me know. Thank you.

Gio Gomez Project Manager cell-806-782-1151 Office- 575-964-7740 **Pima Environmental Services, LLC.** 



## SITE PHOTOGRAPHS DEVON ENERGY

#### **BEETLEJUICE 19 3 BATTERY**

#### **Pre-Treatment**







#### 5' Excavation





#### **Post Excavation**









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Apr 3, 2023

Tom Bynum Pima Oil/Environmental

Re: Devon – Beetlejuice 19-3 Battery

Tom, Lea Land Landfill disposed contaminated soil from the above referenced site:

Nov 10, 2022 668.39 tons

Nov 11-17, 2022 284.77 tons

Please let me know if you have any additional questions. Thank you, Shelley Detnon From:Shelley DentonTo:tom@pimaoil.comCc:Gio PimaOilSubject:Re: Beetlejuice 19 - DevonDate:Monday, April 3, 2023 10:49:06 AM

Here's what I found. Nov 10 668.39 tons disposed

Nov 11-17 284.77 tons disposed

Hope that helps!

photo ?

Shelley Denton LeaLand, LLC (405) 249-1667 Shelley@lealandllc.com

On Apr 3, 2023, at 11:38 AM, Shelley Denton <shelley@lealandllc.com> wrote:

#### Hi Tom!

Let me take a look in our system see what I can find. Get back to you shortly.



**Shelley Denton** 

LeaLand, LLC (405) 249-1667 Shelley@lealandllc.com

On Apr 3, 2023, at 11:06 AM, tom@pimaoil.com wrote:

Hey Shelley, hope you're doing well! Could you help me with some ticket questions?

Somewhere between Nov. 7<sup>th</sup>, 2022 and Nov. 16<sup>th</sup> there was some contaminated soil hauled to you from Devon's Beetlejuice 19 3 Battery, could you look that one up and send me a summary of how much was taken please and thank you?

#### THANK YOU,

*Tom Bynum* Cell – 580-748-1613 Office – 575-964-7740 <image001.jpg>

Pima Environmental Services, LLC. 5614 N Lovington Hwy. Hobbs, NM, 88240

# APPENDIX D

Laboratory Results



Pima Environmental Services, LLC 5614 N Lovington Hwy, Hobbs, NM 88240 575-964-7740 | www.pimaoil.com DEVON ENERGY PRODUCTION, LP.



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

## Pima Environmental Services-Carlsbad

Project Name:

Beetle Juice 19 Fed 3

Work Order: E208102

Job Number: 01058-0007

Received: 8/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/24/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 8/24/22

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Beetle Juice 19 Fed 3 Workorder: E208102 Date Received: 8/18/2022 10:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/18/2022 10:00:00AM, under the Project Name: Beetle Juice 19 Fed 3.

The analytical test results summarized in this report with the Project Name: Beetle Juice 19 Fed 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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#### Sample Summarv

		Sample Sum	mary		
Pima Environmental Services-Carlsbad		Project Name:	Beetle Juice 19 Fed	13	Reported:
PO Box 247		Project Number:	01058-0007		•
Plains TX, 79355-0247		Project Manager:	Tom Bynum		08/24/22 09:41
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
.1 3'	E208102-01A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
.2 3'	E208102-02A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
.2 4'	E208102-03A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
3 3'	E208102-04A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
3 4'	E208102-05A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
4 3'	E208102-06A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
4 4'	E208102-07A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
4 5'	E208102-08A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
5 3'	E208102-09A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
.5 4'	E208102-10A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
5 5'	E208102-11A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
6 1'	E208102-12A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
7 1'	E208102-13A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
8 1'	E208102-14A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
W1	E208102-15A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
W2	E208102-16A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
W3	E208102-17A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
W4	E208102-18A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
W5	E208102-19A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
W6	E208102-20A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
W7	E208102-21A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
W8	E208102-22A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
W9	E208102-23A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
W10	E208102-24A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
W11	E208102-25A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
W12	E208102-26A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
W13	E208102-27A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
W14	E208102-28A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
G1	E208102-29A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.
G2	E208102-30A	Soil	08/11/22	08/18/22	Glass Jar, 2 oz.



	~	ampic D				
Pima Environmental Services-Carlsbad PO Box 247	Project Name:		le Juice 19 F 58-0007	ed 3		Derr er te de
PO Box 247 Plains TX, 79355-0247	Project Number Project Manag		Bynum			<b>Reported:</b> 8/24/2022 9:41:38AM
Flains 1A, 79555-0247	Floject Manag	gei. 1011	Бупиш			0/24/2022 9.41.90AW
		S.1 3'				
		E208102-01				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	nalyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
p-Xylene	ND	0.0250	1	08/18/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		99.9 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		105 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: IY		Batch: 2234066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		99.9 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		105 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		77.7 %	50-200	08/19/22	08/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: KL		Batch: 2234087
Chloride	188	20.0	1	08/18/22	08/19/22	



	a	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Num Project Mana	ber: 0103	le Juice 19 1 58-0007 Bynum	Fed 3		<b>Reported:</b> 8/24/2022 9:41:38AN
		S.2 3'				
		E208102-02				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	analyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
o-Xylene	ND	0.0250	1	08/18/22	08/20/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	analyst: IY		Batch: 2234066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Gurrogate: n-Nonane		87.3 %	50-200	08/19/22	08/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: KL		Batch: 2234087
Chloride	1310	20.0	1	08/18/22	08/19/22	



	a	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name		le Juice 19 F	ed 3		
PO Box 247	Project Num		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum			8/24/2022 9:41:38AN
		S.2 4'				
		E208102-03				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	nalyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
p-Xylene	ND	0.0250	1	08/18/22	08/20/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		96.1 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Batch: 2234066		
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		96.1 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		76.0 %	50-200	08/19/22	08/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: KL		Batch: 2234087
Chloride	406	20.0	1	08/18/22	08/19/22	



	5	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manag	er: 0103	le Juice 19 F 58-0007 Bynum	fed 3		<b>Reported:</b> 8/24/2022 9:41:38AM
			Bynum			0/24/2022 9.41.90/1W
		S.3 3'				
		E208102-04				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	nalyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
p-Xylene	ND	0.0250	1	08/18/22	08/20/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Fotal Xylenes	ND	0.0250	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Batch: 2234066		
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Gurrogate: n-Nonane		87.2 %	50-200	08/19/22	08/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: KL		Batch: 2234087
Chloride	844	20.0	1	08/18/22	08/19/22	



	3	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	oer: 0103	le Juice 19 F 58-0007 Bynum	ed 3		<b>Reported:</b> 8/24/2022 9:41:38AM
		S.3 4'				
		5.5 4 E208102-05				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	nalyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
p-Xylene	ND	0.0250	1	08/18/22	08/20/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Fotal Xylenes	ND	0.0250	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		95.9 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Batch: 2234066		
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		95.9 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Gurrogate: n-Nonane		77.2 %	50-200	08/19/22	08/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: KL		Batch: 2234087
Chloride	664	20.0	1	08/18/22	08/19/22	



	5	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name		le Juice 19 Fe	ed 3		
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum			8/24/2022 9:41:38AN
		S.4 3'				
		E208102-06				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	alyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
p-Xylene	ND	0.0250	1	08/18/22	08/20/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Batch: 2234066		
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		81.7 %	50-200	08/19/22	08/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2234087
Chloride	3520	40.0	2	08/18/22	08/19/22	



	2	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name		le Juice 19 F	_		
PO Box 247	Project Num		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	iger: Tom	Bynum			8/24/2022 9:41:38AM
		S.4 4'				
		E208102-07				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	nalyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
o-Xylene	ND	0.0250	1	08/18/22	08/20/22	
,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		100 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	08/18/22	08/20/22	
urrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Batch: 2234066		
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		100 %	70-130	08/18/22	08/20/22	
urrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	08/18/22	08/20/22	
urrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		80.9 %	50-200	08/19/22	08/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: KL		Batch: 2234087
Chloride	1750	20.0	1	08/18/22	08/19/22	



	5	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name		le Juice 19 F	ed 3		
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	iger: Tom	Bynum			8/24/2022 9:41:38AN
		S.4 5'				
		E208102-08				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	nalyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
p-Xylene	ND	0.0250	1	08/18/22	08/20/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Fotal Xylenes	ND	0.0250	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		96.6 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		102 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А		Batch: 2234066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		96.6 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		102 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		84.6 %	50-200	08/19/22	08/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: KL		Batch: 2234087
Chloride	ND	20.0	1	08/18/22	08/19/22	



	5	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name		le Juice 19 H	Fed 3		
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	iger: Tom	Bynum			8/24/2022 9:41:38AN
		<b>S.5 3'</b>				
		E208102-09				
		Reporting				
Analyte	Result	Limit	Dilut	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	nalyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
p-Xylene	ND	0.0250	1	08/18/22	08/20/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		98.6 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		104 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Batch: 2234066		
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		98.6 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		104 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		80.5 %	50-200	08/19/22	08/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: KL		Batch: 2234087
Chloride	636	20.0	1	08/18/22	08/19/22	



	5	ample D	ลเล			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 0105	le Juice 19 I 58-0007 Bynum	Fed 3		<b>Reported:</b> 8/24/2022 9:41:38AM
		<b>S.5 4'</b>				
		E208102-10				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
p-Xylene	ND	0.0250	1	08/18/22	08/20/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Fotal Xylenes	ND	0.0250	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		104 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	analyst: IY		Batch: 2234066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		104 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		84.5 %	50-200	08/19/22	08/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: KL		Batch: 2234087
Chloride	1420	20.0	1	08/18/22	08/19/22	



Sampl	<b>e</b> ]	Data	
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	5	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numb		Beetle Juice 19 Fed 3 01058-0007			Reported:
Plains TX, 79355-0247	Project Num Project Mana		Bynum			8/24/2022 9:41:38AM
Tianis 1A, 79555-0247	Tiojeet Maila	iger. Tom	Dynum			0/24/2022 9.41.90/1W
		S.5 5'				
		E208102-11				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
p-Xylene	ND	0.0250	1	08/18/22	08/20/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Fotal Xylenes	ND	0.0250	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		95.2 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2234066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		95.2 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	08/18/22	08/20/22	
urrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		81.9 %	50-200	08/19/22	08/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2234087
Chloride	ND	20.0	1	08/18/22	08/19/22	



Sample	Data
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	3	ample D	ลเส			
Pima Environmental Services-Carlsbad	Project Name		le Juice 19 F	Ted 3		
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	iger: Tom	Bynum			8/24/2022 9:41:38AM
		S.6 1'				
		E208102-12				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	nalyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
p-Xylene	ND	0.0250	1	08/18/22	08/20/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Fotal Xylenes	ND	0.0250	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: IY		Batch: 2234066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		82.9 %	50-200	08/19/22	08/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: KL		Batch: 2234087
Chloride	109	20.0	1	08/18/22	08/19/22	



#### Sample Data

	2	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name		le Juice 19 Fe	d 3		
PO Box 247	Project Num		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum			8/24/2022 9:41:38AM
		S.7 1'				
		E208102-13				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
p-Xylene	ND	0.0250	1	08/18/22	08/20/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		104 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: IY		Batch: 2234066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		104 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		84.7 %	50-200	08/19/22	08/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2234087
Chloride	77.8	20.0	1	08/18/22	08/19/22	



	2	sample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name	e: Beet	le Juice 19 Fe	ed 3		
PO Box 247	Project Num	ber: 0103	01058-0007			Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum			8/24/2022 9:41:38AM
		S.8 1'				
		E208102-14				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
p-Xylene	ND	0.0250	1	08/18/22	08/20/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Fotal Xylenes	ND	0.0250	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		104 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2234066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		104 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		83.2 %	50-200	08/19/22	08/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: KL		Batch: 2234087
Chloride	ND	20.0	1	08/18/22	08/19/22	


	5	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name		le Juice 19 Fo	ed 3		
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum			8/24/2022 9:41:38AM
		SW1				
		E208102-15				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
p-Xylene	ND	0.0250	1	08/18/22	08/20/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		97.1 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		104 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2234066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		97.1 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		104 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		80.2 %	50-200	08/19/22	08/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: KL		Batch: 2234087
Chloride	ND	20.0	1	08/18/22	08/19/22	



	5	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:		tle Juice 19	Fed 3		
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			8/24/2022 9:41:38AN
		SW2				
		E208102-16				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
o-Xylene	ND	0.0250	1	08/18/22	08/20/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		105 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY		Batch: 2234066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		105 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		80.9 %	50-200	08/19/22	08/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL		Batch: 2234087
Chloride	ND	20.0	1	08/18/22	08/19/22	



	D.	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name:	: Beet	le Juice 19	Fed 3			
PO Box 247	Project Numb	er: 0105	58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				8/24/2022 9:41:38AM
		SW3					
		E208102-17					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY	7		Batch: 2234066
Benzene	ND	0.0250	1	l	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	l	08/18/22	08/20/22	
Toluene	ND	0.0250	1	l	08/18/22	08/20/22	
o-Xylene	ND	0.0250	1	l	08/18/22	08/20/22	
o,m-Xylene	ND	0.0500	1	l	08/18/22	08/20/22	
Total Xylenes	ND	0.0250	1	l	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		96.0 %	70-130		08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		08/18/22	08/20/22	
urrogate: Toluene-d8		103 %	70-130		08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY	*		Batch: 2234066
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		96.0 %	70-130		08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		08/18/22	08/20/22	
urrogate: Toluene-d8		103 %	70-130		08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL	,		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	l	08/19/22	08/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	l	08/19/22	08/20/22	
Surrogate: n-Nonane		87.8 %	50-200		08/19/22	08/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: K	L		Batch: 2234087
Chloride	ND	20.0	1	l	08/18/22	08/19/22	



	5	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:		le Juice 19	Fed 3		
PO Box 247	Project Number		58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			8/24/2022 9:41:38AM
		SW4				
		E208102-18				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
o-Xylene	ND	0.0250	1	08/18/22	08/20/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Fotal Xylenes	ND	0.0250	1	08/18/22	08/20/22	
urrogate: Bromofluorobenzene		100 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2234066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		100 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	08/18/22	08/20/22	
urrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
urrogate: n-Nonane		89.3 %	50-200	08/19/22	08/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2234087
Chloride	ND	20.0	1	08/18/22	08/19/22	



	0	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 0105	le Juice 19 I 58-0007 Bynum	Fed 3		<b>Reported:</b> 8/24/2022 9:41:38AM
		SW5				
		E208102-19				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
o-Xylene	ND	0.0250	1	08/18/22	08/20/22	
,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130	08/18/22	08/20/22	
urrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	08/18/22	08/20/22	
urrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2234066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130	08/18/22	08/20/22	
'urrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	08/18/22	08/20/22	
urrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
urrogate: n-Nonane		82.9 %	50-200	08/19/22	08/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: KL		Batch: 2234087
Chloride	ND	20.0	1	08/18/22	08/19/22	



	Di	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:		le Juice 19 I	Fed 3		
PO Box 247	Project Numbe		58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			8/24/2022 9:41:38AM
		SW6				
		E208102-20				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2234066
Benzene	ND	0.0250	1	08/18/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/20/22	
Toluene	ND	0.0250	1	08/18/22	08/20/22	
p-Xylene	ND	0.0250	1	08/18/22	08/20/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/20/22	
Fotal Xylenes	ND	0.0250	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	08/18/22	08/20/22	
Surrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2234066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/20/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130	08/18/22	08/20/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	08/18/22	08/20/22	
urrogate: Toluene-d8		103 %	70-130	08/18/22	08/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: JL		Batch: 2234097
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
urrogate: n-Nonane		88.0 %	50-200	08/19/22	08/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: KL		Batch: 2234087
Chloride	ND	20.0	1	08/18/22	08/19/22	



	5	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name	e: Beet	le Juice 19 F	ed 3		
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum			8/24/2022 9:41:38AM
		SW7				
		E208102-21				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	nalyst: IY		Batch: 2234067
Benzene	ND	0.0250	1	08/18/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/22/22	
Toluene	ND	0.0250	1	08/18/22	08/22/22	
o-Xylene	ND	0.0250	1	08/18/22	08/22/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/22/22	
Fotal Xylenes	ND	0.0250	1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130	08/18/22	08/22/22	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	08/18/22	08/22/22	
Surrogate: Toluene-d8		105 %	70-130	08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: IY		Batch: 2234067
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130	08/18/22	08/22/22	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	08/18/22	08/22/22	
Surrogate: Toluene-d8		105 %	70-130	08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: JL		Batch: 2234096
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		86.6 %	50-200	08/19/22	08/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: KL		Batch: 2234088
Chloride	ND	20.0	1	08/18/22	08/22/22	



	0	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 0103	le Juice 19 F 58-0007 Bynum	Sed 3		<b>Reported:</b> 8/24/2022 9:41:38AM
		SW8				
		E208102-22				
		Reporting				
Analyte	Result	Limit	Dilut	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	nalyst: IY		Batch: 2234067
Benzene	ND	0.0250	1	08/18/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/22/22	
Toluene	ND	0.0250	1	08/18/22	08/22/22	
-Xylene	ND	0.0250	1	08/18/22	08/22/22	
,m-Xylene	ND	0.0500	1	08/18/22	08/22/22	
Fotal Xylenes	ND	0.0250	1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		98.6 %	70-130	08/18/22	08/22/22	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	08/18/22	08/22/22	
Surrogate: Toluene-d8		104 %	70-130	08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	.nalyst: IY		Batch: 2234067
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		98.6 %	70-130	08/18/22	08/22/22	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	08/18/22	08/22/22	
Surrogate: Toluene-d8		104 %	70-130	08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	.nalyst: JL		Batch: 2234096
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		87.3 %	50-200	08/19/22	08/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: KL		Batch: 2234088
Chloride	ND	20.0	1	08/18/22	08/22/22	



	5	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name		le Juice 19 F	ed 3		
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum			8/24/2022 9:41:38AN
		SW9				
		E208102-23				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	nalyst: IY		Batch: 2234067
Benzene	ND	0.0250	1	08/18/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/22/22	
Toluene	ND	0.0250	1	08/18/22	08/22/22	
p-Xylene	ND	0.0250	1	08/18/22	08/22/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/22/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130	08/18/22	08/22/22	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	08/18/22	08/22/22	
Surrogate: Toluene-d8		104 %	70-130	08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: IY		Batch: 2234067
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130	08/18/22	08/22/22	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	08/18/22	08/22/22	
Surrogate: Toluene-d8		104 %	70-130	08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: JL		Batch: 2234096
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		86.3 %	50-200	08/19/22	08/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: KL		Batch: 2234088
Chloride	ND	20.0	1	08/18/22	08/22/22	



Total Xylenes

 $Surrogate: {\it Bromofluorobenzene}$ Surrogate: 1,2-Dichloroethane-d4

Received by OCD: 5/20/2025 4:19:12 PM						Page 82 oj
	Sam	ple Dat	a			
Pima Environmental Services-Carlsbad	Project Name:	Beetle	Juice 19 Fed 3			
PO Box 247	Project Number:	01058-	0007			Reported:
Plains TX, 79355-0247	Project Manager:	Tom B	ynum			8/24/2022 9:41:38AM
	S	W10				
	E208	3102-24				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst	: IY		Batch: 2234067
Benzene	ND	0.0250	1	08/18/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/22/22	
Toluene	ND	0.0250	1	08/18/22	08/22/22	
p-Xylene	ND	0.0250	1	08/18/22	08/22/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/22/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/22/22	

97.0 %

96.2 %

08/18/22

08/18/22

70-130

70-130

08/22/22

08/22/22

Surrogate: Toluene-d8		103 %	70-130		08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	:: IY		Batch: 2234067
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130		08/18/22	08/22/22	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		08/18/22	08/22/22	
Surrogate: Toluene-d8		103 %	70-130		08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	:: JL		Batch: 2234096
Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28)	mg/kg ND	mg/kg 25.0		Analyst 1	08/19/22	08/20/22	Batch: 2234096
				Analyst 1 1		08/20/22 08/20/22	Batch: 2234096
Diesel Range Organics (C10-C28)	ND	25.0	50-200	Analyst 1 1	08/19/22		Batch: 2234096
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND	25.0 50.0	50-200	Analyst 1 1 Analyst Analyst	08/19/22 08/19/22 <i>08/19/22</i>	08/20/22	Batch: 2234096

	D	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:	-				
PO Box 247	Project Number		58-0007		Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum		8/24/2022 9:41:38AN	
		SW11				
		E208102-25				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg mg/kg Analy		Analyst: IY		Batch: 2234067	
Benzene	ND	0.0250	1	08/18/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/22/22	
Toluene	ND	0.0250	1	08/18/22	08/22/22	
p-Xylene	ND	0.0250	1	08/18/22	08/22/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/22/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		101 %	70-130	08/18/22	08/22/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	08/18/22	08/22/22	
Surrogate: Toluene-d8		105 %	70-130	08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2234067
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		101 %	70-130	08/18/22	08/22/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	08/18/22	08/22/22	
Surrogate: Toluene-d8		105 %	70-130	08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: JL		Batch: 2234096
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		89.4 %	50-200	08/19/22	08/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: KL		Batch: 2234088
Chloride	ND	20.0	1	08/18/22	08/22/22	



Sample Data	
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Pima Environmental Services-Carlsbad	Project Name		le Juice 19			
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum		8/24/2022 9:41:38AM	
		SW12				
		E208102-26				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	g Analyst: IY			Batch: 2234067
Benzene	ND	0.0250	1	08/18/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/22/22	
Toluene	ND	0.0250	1	08/18/22	08/22/22	
p-Xylene	ND	0.0250	1	08/18/22	08/22/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/22/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		98.6 %	70-130	08/18/22	08/22/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	08/18/22	08/22/22	
Surrogate: Toluene-d8		103 %	70-130	08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY		Batch: 2234067
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		98.6 %	70-130	08/18/22	08/22/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	08/18/22	08/22/22	
urrogate: Toluene-d8		103 %	70-130	08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL		Batch: 2234096
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		92.6 %	50-200	08/19/22	08/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL		Batch: 2234088
Chloride	ND	20.0	1	08/18/22	08/22/22	



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	3	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name					
PO Box 247	Project Numb		58-0007	Reported:		
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum		8/24/2022 9:41:38AM	
		SW13				
		E208102-27				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2234067
Benzene	ND	0.0250	1	08/18/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/22/22	
Toluene	ND	0.0250	1	08/18/22	08/22/22	
p-Xylene	ND	0.0250	1	08/18/22	08/22/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/22/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	08/18/22	08/22/22	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	08/18/22	08/22/22	
Surrogate: Toluene-d8		103 %	70-130	08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2234067
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	08/18/22	08/22/22	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	08/18/22	08/22/22	
Surrogate: Toluene-d8		103 %	70-130	08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: JL		Batch: 2234096
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		87.6 %	50-200	08/19/22	08/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: KL		Batch: 2234088
Chloride	ND	20.0	1	08/18/22	08/22/22	



	5	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name					
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum	8/24/2022 9:41:38AN		
		SW14				
		E208102-28				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	ng/kg Analyst: IY			Batch: 2234067
Benzene	ND	0.0250	1	08/18/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/22/22	
Toluene	ND	0.0250	1	08/18/22	08/22/22	
p-Xylene	ND	0.0250	1	08/18/22	08/22/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/22/22	
Fotal Xylenes	ND	0.0250	1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130	08/18/22	08/22/22	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	08/18/22	08/22/22	
Surrogate: Toluene-d8		104 %	70-130	08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2234067
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130	08/18/22	08/22/22	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	08/18/22	08/22/22	
Surrogate: Toluene-d8		104 %	70-130	08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: JL		Batch: 2234096
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		88.2 %	50-200	08/19/22	08/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: KL		Batch: 2234088
Chloride	ND	20.0	1	08/18/22	08/22/22	



Sample Data
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	3	ample D	ลเล			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	oer: 0103	le Juice 19 F 58-0007 Bynum	Sed 3		<b>Reported:</b> 8/24/2022 9:41:38AM
		BG1				
		E208102-29				
		Reporting				
Analyte	Result	Limit	Dilut	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	.nalyst: IY	Batch: 2234067	
Benzene	ND	0.0250	1	08/18/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/22/22	
Toluene	ND	0.0250	1	08/18/22	08/22/22	
o-Xylene	ND	0.0250	1	08/18/22	08/22/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/22/22	
Fotal Xylenes	ND	0.0250	1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		101 %	70-130	08/18/22	08/22/22	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	08/18/22	08/22/22	
Surrogate: Toluene-d8		105 %	70-130	08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: IY			Batch: 2234067
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		101 %	70-130	08/18/22	08/22/22	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	08/18/22	08/22/22	
Surrogate: Toluene-d8		105 %	70-130	08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2234096
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		86.3 %	50-200	08/19/22	08/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: KL		Batch: 2234088
Chloride	ND	20.0	1	08/18/22	08/22/22	



	5	ample D	ลเล			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manaş	er: 0105	le Juice 19 58-0007 Bynum	Fed 3		<b>Reported:</b> 8/24/2022 9:41:38AM
		BG2				
		E208102-30				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	mg/kg Analyst: IY			Batch: 2234067
Benzene	ND	0.0250	1	08/18/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/22/22	
Toluene	ND	0.0250	1	08/18/22	08/22/22	
o-Xylene	ND	0.0250	1	08/18/22	08/22/22	
o,m-Xylene	ND	0.0500	1	08/18/22	08/22/22	
Fotal Xylenes	ND	0.0250	1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		100 %	70-130	08/18/22	08/22/22	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	08/18/22	08/22/22	
Jurrogate: Toluene-d8		105 %	70-130	08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2234067
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/22/22	
Surrogate: Bromofluorobenzene		100 %	70-130	08/18/22	08/22/22	
'urrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	08/18/22	08/22/22	
urrogate: Toluene-d8		105 %	70-130	08/18/22	08/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: JL		Batch: 2234096
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
urrogate: n-Nonane		93.2 %	50-200	08/19/22	08/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2234088
Chloride	ND	20.0	1	08/18/22	08/22/22	



## QC Summary Data

Pima Environmental Services-Carlsbad		Project Name:		etle Juice 19	Fed 3				Reported:
PO Box 247		Project Number:	01	058-0007					
Plains TX, 79355-0247		Project Manager:	То	m Bynum				8/	24/2022 9:41:38AM
		Volatile Organic		Analyst: IY					
Analyte		Reporting	Spike	Source		Rec		RPD	
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2234066-BLK1)							Prepared: 0	8/18/22 Ana	lyzed: 08/20/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
	0.495		0.500		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4			0.500		105	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			
LCS (2234066-BS1)							Prepared: 0	8/18/22 Ana	lyzed: 08/22/22
Benzene	2.03	0.0250	2.50		81.3	70-130			
Ethylbenzene	2.22	0.0250	2.50		88.8	70-130			
Toluene	2.11	0.0250	2.50		84.4	70-130			
o-Xylene	2.05	0.0250	2.50		82.0	70-130			
p,m-Xylene	4.10	0.0500	5.00		82.0	70-130			
Total Xylenes	6.15	0.0250	7.50		82.0	70-130			
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.456		0.500		91.1	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			
Matrix Spike (2234066-MS1)				Source:	E208102-	02	Prepared: 0	8/18/22 Ana	lyzed: 08/20/22
Benzene	2.14	0.0250	2.50	ND	85.5	48-131			
Ethylbenzene	2.19	0.0250	2.50	ND	87.5	45-135			
Toluene	2.11	0.0250	2.50	ND	84.3	48-130			
p-Xylene	2.06	0.0250	2.50	ND	82.5	43-135			
p,m-Xylene	4.03	0.0500	5.00	ND	80.6	43-135			
Total Xylenes	6.09	0.0250	7.50	ND	81.2	43-135			
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		95.9	70-130			
surrogate: 1,2-Dichtoroethane-a4 Surrogate: Toluene-d8	0.480		0.500		103	70-130			
Matrix Spike Dup (2234066-MSD1)				Source:	E208102-	02	Prepared: 0	8/18/22 Ana	lyzed: 08/20/22
Benzene	2.16	0.0250	2.50	ND	86.5	48-131	1.21	23	
Ethylbenzene	2.23	0.0250	2.50	ND	89.3	45-135	2.08	27	
Toluene	2.15	0.0250	2.50	ND	86.1	48-130	2.09	24	
	2.13	0.0250	2.50	ND	83.9	43-130	1.61	24	
o-Xylene	4.14		5.00	ND	83.9	43-135	2.73	27	
p,m-Xylene	4.14 6.24	0.0500	5.00 7.50	ND ND	82.8 83.1	43-135 43-135	2.73	27 27	
Total Xylenes		0.0250		ND			2.33	<i>∠1</i>	
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
0	0.517		0.500		103	70-130			



## QC Summary Data

Dime Environment 10		QC DI		•					
Pima Environmental Services-Carlsbad		Project Name:		etle Juice 19	Fed 3				Reported:
PO Box 247		Project Number:		058-0007					
Plains TX, 79355-0247		Project Manager:	То	m Bynum					8/24/2022 9:41:38AM
		Volatile Organic	Analyst: IY						
Analyte		Reporting	Spike	Source	_	Rec	DDD	RPD	
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2234067-BLK1)							Prepared: 0	8/18/22 Ar	nalyzed: 08/22/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Fotal Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
			0.500		100	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			
LCS (2234067-BS1)							Prepared: 0	8/18/22 Ar	nalyzed: 08/22/22
Benzene	2.29	0.0250	2.50		91.5	70-130			
Ethylbenzene	2.29	0.0250	2.50		91.6	70-130			
Foluene	2.24	0.0250	2.50		89.7	70-130			
p-Xylene	2.14	0.0250	2.50		85.5	70-130			
o,m-Xylene	4.27	0.0500	5.00		85.4	70-130			
Fotal Xylenes	6.41	0.0250	7.50		85.4	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			
Matrix Spike (2234067-MS1)				Source:	E208102-2	21	Prepared: 0	8/18/22 Ar	nalyzed: 08/22/22
Benzene	2.25	0.0250	2.50	ND	89.9	48-131			
Ethylbenzene	2.27	0.0250	2.50	ND	90.9	45-135			
-									
Foluene	2.22	0.0250	2.50	ND	88.6	48-130			
Foluene D-Xylene	2.22 2.12	0.0250 0.0250	2.50 2.50	ND ND	88.6 84.7	48-130 43-135			
p-Xylene	2.12	0.0250	2.50	ND	84.7	43-135			
>-Xylene p.m-Xylene	2.12 4.23	0.0250 0.0500	2.50 5.00	ND ND	84.7 84.6	43-135 43-135			
>-Xylene p,m-Xylene Fotal Xylenes	2.12 4.23 6.35	0.0250	2.50 5.00 7.50	ND	84.7 84.6 84.7	43-135 43-135 43-135			
o-Xylene o,m-Xylene Fotal Xylenes Surrogate: Bromofluorobenzene	2.12 4.23 6.35 0.505	0.0250 0.0500	2.50 5.00 7.50 0.500	ND ND	84.7 84.6 84.7 <i>101</i>	43-135 43-135 43-135 70-130			
o-Xylene o,m-Xylene Fotal Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	2.12 4.23 6.35 0.505 0.507	0.0250 0.0500	2.50 5.00 7.50 0.500 0.500	ND ND	84.7 84.6 84.7 101 101	43-135 43-135 43-135 70-130 70-130			
p-Xylene p,m-Xylene Fotal Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	2.12 4.23 6.35 0.505	0.0250 0.0500	2.50 5.00 7.50 0.500	ND ND ND	84.7 84.6 84.7 101 101 104	43-135 43-135 43-135 70-130 70-130 70-130			
p-Xylene p,m-Xylene Fotal Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2234067-MSD1)	2.12 4.23 6.35 0.505 0.507 0.521	0.0250 0.0500 0.0250	2.50 5.00 7.50 0.500 0.500 0.500	ND ND ND Source:	84.7 84.6 84.7 101 101 104 E208102-2	43-135 43-135 43-135 70-130 70-130 70-130 21	-		nalyzed: 08/22/22
p-Xylene p,m-Xylene Fotal Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2234067-MSD1) Benzene	2.12 4.23 6.35 0.505 0.507 0.521 2.34	0.0250 0.0500 0.0250 0.0250	2.50 5.00 7.50 0.500 0.500 0.500 2.50	ND ND ND Source: ND	84.7 84.6 84.7 101 101 104 <b>E208102-7</b> 93.5	43-135 43-135 43-135 70-130 70-130 70-130 <b>21</b> 48-131	3.88	23	nalyzed: 08/22/22
p-Xylene p,m-Xylene Fotal Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2234067-MSD1) Benzene Ethylbenzene	2.12 4.23 6.35 0.505 0.507 0.521 2.34 2.36	0.0250 0.0500 0.0250 0.0250 0.0250	2.50 5.00 7.50 0.500 0.500 0.500 2.50 2.50	ND ND ND Source: ND ND	84.7 84.6 84.7 101 101 104 <b>E208102-7</b> 93.5 94.2	43-135 43-135 43-135 70-130 70-130 70-130 21 48-131 45-135	3.88 3.63	23 27	nalyzed: 08/22/22
p-Xylene p,m-Xylene Fotal Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2234067-MSD1) Benzene Ethylbenzene Foluene	2.12 4.23 6.35 0.505 0.507 0.521 2.34 2.36 2.29	0.0250 0.0500 0.0250 0.0250 0.0250 0.0250 0.0250	2.50 5.00 7.50 0.500 0.500 0.500 2.50 2.50 2.50	ND ND ND Source: ND ND ND	84.7 84.6 84.7 101 104 <b>E208102-7</b> 93.5 94.2 91.8	43-135 43-135 43-135 70-130 70-130 70-130 <b>21</b> 48-131 45-135 48-130	3.88 3.63 3.50	23 27 24	nalyzed: 08/22/22
p-Xylene p,m-Xylene Fotal Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2234067-MSD1) Benzene Ethylbenzene	2.12 4.23 6.35 0.505 0.507 0.521 2.34 2.36 2.29 2.21	0.0250 0.0500 0.0250 0.0250 0.0250	2.50 5.00 7.50 0.500 0.500 0.500 2.50 2.50 2.50 2.5	ND ND ND Source: ND ND ND ND	84.7 84.6 84.7 101 104 <b>E208102-</b> 93.5 94.2 91.8 88.2	43-135 43-135 43-135 70-130 70-130 70-130 21 48-131 45-135 48-130 43-135	3.88 3.63 3.50 4.00	23 27 24 27	nalyzed: 08/22/22
p-Xylene p,m-Xylene Fotal Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2234067-MSD1) Benzene Ethylbenzene Foluene	2.12 4.23 6.35 0.505 0.507 0.521 2.34 2.36 2.29 2.21 4.40	0.0250 0.0500 0.0250 0.0250 0.0250 0.0250 0.0250	2.50 5.00 7.50 0.500 0.500 0.500 2.50 2.50 2.50 2.5	ND ND ND Source: ND ND ND ND ND ND	84.7 84.6 84.7 101 104 <b>E208102-</b> 93.5 94.2 91.8 88.2 88.0	43-135 43-135 43-135 70-130 70-130 70-130 21 48-131 45-135 48-131 43-135 43-135	3.88 3.63 3.50 4.00 3.86	23 27 24 27 27	nalyzed: 08/22/22
p-Xylene p,m-Xylene Fotal Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2234067-MSD1) Benzene Ethylbenzene Foluene p-Xylene	2.12 4.23 6.35 0.505 0.507 0.521 2.34 2.36 2.29 2.21	0.0250 0.0500 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250	2.50 5.00 7.50 0.500 0.500 0.500 2.50 2.50 2.50 2.5	ND ND ND Source: ND ND ND ND	84.7 84.6 84.7 101 104 <b>E208102-</b> 93.5 94.2 91.8 88.2	43-135 43-135 43-135 70-130 70-130 70-130 21 48-131 45-135 48-130 43-135	3.88 3.63 3.50 4.00	23 27 24 27	nalyzed: 08/22/22
p-Xylene p,m-Xylene Fotal Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2234067-MSD1) Benzene Ethylbenzene Foluene p-Xylene p,m-Xylene Fotal Xylenes	2.12 4.23 6.35 0.505 0.507 0.521 2.34 2.36 2.29 2.21 4.40	0.0250 0.0500 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250	2.50 5.00 7.50 0.500 0.500 0.500 2.50 2.50 2.50 2.5	ND ND ND Source: ND ND ND ND ND ND	84.7 84.6 84.7 101 104 <b>E208102-</b> 93.5 94.2 91.8 88.2 88.0	43-135 43-135 43-135 70-130 70-130 70-130 21 48-131 45-135 48-131 43-135 43-135	3.88 3.63 3.50 4.00 3.86	23 27 24 27 27	nalyzed: 08/22/22
o-Xylene o,m-Xylene Fotal Xylenes Surrogate: Bromofluorobenzene Surrogate: Toluene-d8 Matrix Spike Dup (2234067-MSD1) Genzene Ethylbenzene Foluene o-Xylene o,m-Xylene	2.12 4.23 6.35 0.505 0.507 0.521 2.34 2.36 2.29 2.21 4.40 6.60	0.0250 0.0500 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250	2.50 5.00 7.50 0.500 0.500 0.500 2.50 2.50 2.50 2.5	ND ND ND Source: ND ND ND ND ND ND	84.7 84.6 84.7 101 104 <b>E208102-</b> 93.5 94.2 91.8 88.2 88.0 88.1	43-135 43-135 43-137 70-130 70-130 70-130 70-130 21 48-131 45-135 48-131 43-135 43-135 43-135	3.88 3.63 3.50 4.00 3.86	23 27 24 27 27	nalyzed: 08/22/22



## **OC Summary Data**

		QC SI	uIIIII	aly Data	a				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	I	Project Name: Project Number: Project Manager:	0	Beetle Juice 19 1058-0007 Com Bynum	Fed 3				<b>Reported:</b> 8/24/2022 9:41:38AM
	N	onhalogenated O		Analyst: IY					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2234066-BLK1)							Prepared: 0	8/18/22	Analyzed: 08/20/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			
LCS (2234066-BS2)							Prepared: 0	8/18/22	Analyzed: 08/20/22
Gasoline Range Organics (C6-C10)	49.8	20.0	50.0		99.6	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	70-130			
Matrix Spike (2234066-MS2)				Source:	E208102-(	)2	Prepared: 0	8/18/22	Analyzed: 08/20/22
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.8	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			
Matrix Spike Dup (2234066-MSD2)				Source:	E208102-(	)2	Prepared: 0	8/18/22	Analyzed: 08/20/22
Gasoline Range Organics (C6-C10)	48.1	20.0	50.0	ND	96.2	70-130	1.66	20	
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			



## **QC Summary Data**

		QC SI		ary Data	a				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	(	Beetle Juice 19 )1058-0007 Fom Bynum	Fed 3				<b>Reported:</b> 8/24/2022 9:41:38AM
	No	onhalogenated O	rganics	s by EPA 80	15D - GR	0			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2234067-BLK1)							Prepared: 0	8/18/22 A	Analyzed: 08/22/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			
LCS (2234067-BS2)							Prepared: 0	8/18/22 A	Analyzed: 08/22/22
Gasoline Range Organics (C6-C10)	55.4	20.0	50.0		111	70-130			
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			
Matrix Spike (2234067-MS2)				Source:	E208102-21	l	Prepared: 0	8/18/22 A	Analyzed: 08/22/22
Gasoline Range Organics (C6-C10)	53.1	20.0	50.0	ND	106	70-130			
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			
Matrix Spike Dup (2234067-MSD2)				Source:	E208102-21	1	Prepared: 0	8/18/22 A	Analyzed: 08/22/22
Gasoline Range Organics (C6-C10)	55.1	20.0	50.0	ND	110	70-130	3.70	20	
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			



## QC Summary Data

		QC DI	umm	ary Data	a				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	Beetle Juice 19 11058-0007 Com Bynum	Fed 3				<b>Reported:</b> 8/24/2022 9:41:38AM
	Nonh	alogenated Orga	anics by	EPA 8015I	) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits %	RPD %	RPD Limit %	N. /
	mg/kg	mg/kg	mg/kg	mg/kg	%	70	70	70	Notes
Blank (2234096-BLK1)							Prepared: 0	8/19/22 A	nalyzed: 08/20/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.6		50.0		89.2	50-200			
LCS (2234096-BS1)							Prepared: 0	8/19/22 A	analyzed: 08/20/22
Diesel Range Organics (C10-C28)	227	25.0	250		90.6	38-132			
Surrogate: n-Nonane	42.3		50.0		84.7	50-200			
Matrix Spike (2234096-MS1)				Source:	E208103-	07	Prepared: 0	8/19/22 A	analyzed: 08/20/22
Diesel Range Organics (C10-C28)	249	25.0	250	27.0	88.7	38-132			
Surrogate: n-Nonane	42.0		50.0		84.0	50-200			
Matrix Spike Dup (2234096-MSD1)				Source:	E208103-	07	Prepared: 0	8/19/22 A	analyzed: 08/20/22
Diesel Range Organics (C10-C28)	254	25.0	250	27.0	90.6	38-132	1.91	20	
Surrogate: n-Nonane	43.1		50.0		86.2	50-200			



## QC Summary Data

		QC DI		ary Data	4				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	(	Beetle Juice 19 01058-0007 Fom Bynum	Fed 3				<b>Reported:</b> 8/24/2022 9:41:38AM
	Nonh	alogenated Orga	anics by	y EPA 8015I	) - DRO	/ORO			Analyst: JL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2234097-BLK1)							Prepared: 0	8/19/22 A	analyzed: 08/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	38.2		50.0		76.5	50-200			
LCS (2234097-BS1)							Prepared: 0	8/19/22 A	analyzed: 08/19/22
Diesel Range Organics (C10-C28)	232	25.0	250		93.0	38-132			
Surrogate: n-Nonane	35.5		50.0		71.1	50-200			
Matrix Spike (2234097-MS1)				Source:	E208102-	12	Prepared: 0	8/19/22 A	analyzed: 08/19/22
Diesel Range Organics (C10-C28)	226	25.0	250	ND	90.3	38-132			
Surrogate: n-Nonane	35.3		50.0		70.6	50-200			
Matrix Spike Dup (2234097-MSD1)				Source:	E208102-	12	Prepared: 0	8/19/22 A	analyzed: 08/22/22
Diesel Range Organics (C10-C28)	223	25.0	250	ND	89.2	38-132	1.24	20	
Surrogate: n-Nonane	34.7		50.0		69.4	50-200			



## QC Summary Data

		<u> </u>		v					
Pima Environmental Services-Carlsbad		Project Name:		Beetle Juice 19	Fed 3				Reported:
PO Box 247		Project Number:	0	1058-0007					
Plains TX, 79355-0247		Project Manager:	Project Manager: Tom Bynum						8/24/2022 9:41:38AM
		Anions l	by EPA	300.0/9056A	1				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2234087-BLK1)							Prepared: 08	8/18/22 A	nalyzed: 08/22/22
Chloride	ND	20.0							
LCS (2234087-BS1)							Prepared: 08	8/18/22 A	nalyzed: 08/22/22
Chloride	254	20.0	250		102	90-110			
LCS Dup (2234087-BSD1)							Prepared: 08	8/18/22 A	nalyzed: 08/22/22
Chloride	256	20.0	250		102	90-110	0.741	20	



#### **QC Summary Data**

		QU N		ary Date					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	l	Project Name: Project Number: Project Manager	(	Beetle Juice 19 01058-0007 Tom Bynum	Fed 3				<b>Reported:</b> 8/24/2022 9:41:38AM
		Anions	by EPA	300.0/90564	۸				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	70	70	70	70	i totes
Blank (2234088-BLK1)							Prepared: 0	8/18/22	Analyzed: 08/22/22
Chloride	ND	20.0							
LCS (2234088-BS1)							Prepared: 0	8/18/22	Analyzed: 08/22/22
Chloride	245	20.0	250		97.8	90-110			
Matrix Spike (2234088-MS1)				Source:	E208102-2	21	Prepared: 0	8/18/22	Analyzed: 08/22/22
Chloride	251	20.0	250	ND	100	80-120			
Matrix Spike Dup (2234088-MSD1)				Source:	E208102-2	21	Prepared: 0	8/18/22	Analyzed: 08/22/22
Chloride	252	20.0	250	ND	101	80-120	0.139	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Pima Environmental Services-Carlsbad	Project Name:	Beetle Juice 19 Fed 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	08/24/22 09:41
Fiams 1A, 79555-0247	Floject Manager.		(

ND Analyte NOT DETECTED at or above the reporting limit
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NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project	Information
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Page \_ \_ \_ of \_ \_

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Client: Pi Project: <b>K</b>	ma Envi eelle Tu	ine 19	tal Servi	ces		Atte	ention: De	Bill To עלצעו		Lah	WO#		b Use Li	ob N	lumb	er	-11	D 2	DΤ	TA 3D		ndard	EPA P CWA	SD\
Project M	lanager:	Tom By	num			Add	dress:			E2	<u>CRI</u>	02	. K	SIC	581	000	71					(		
	<u>5614 N.</u>			<u></u>	. 1		/, State, Zip						A	naly	sis and	d Met	hod				_			RC
	e, Zip Ho 180-748-		<u>VI. 8824(</u>	<u></u>			one: ail:			S I	5		1								ł		State	
Email: t			m					IDC		y 801	y 801	-			8			5					UTAZ	TX
Report du	ue by:			· · · · · · · · · · · · · · · · · · ·		Pir	ma Project #	·/03		a g	a g	v 802	/ 826	6010	le 30				ř			Χ		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample	ID				Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC	BGDOC				Remarks	;
8:00	<sup>8/11</sup> /22	S		S. /	3'				١									X						
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8:45				5.5	Ч,				10									1						
Additiona			1				Billina	# 21055	'AIR				<b>I</b>											
l, (field sampl date or time (	ler), attest to of collection	the validity is considere	and autheni d fraud and i	ticity of this may be grou	sample. I ar Inds for lega	n aware i action.	that tampering wil <u>Sar</u>	th or intentionally minimpled by DSA	slabelling the sample	e locati	on,			packed	in ice a	t an avg	temp a					on ice the day subsequent c	y they are sam lays.	pled or n
Religion	d by: (Sign	gure) an di H		//7/22	Time Z:3	9 P	Reteived by: (	2011/01	Date	-තිර	Time	:. <i>0</i> C	$\rho$	Rece	eived	on ic	e:	Lat		e On	iy			
Se Induishe	ille			17.22		150	Received by: (		8182	$\underline{z}$	-	<u>):C</u>	$\dot{\alpha}$	T1				<u>[2</u>				<u>T3</u>		
Relinquishe	liby: (Signa	ature)	Date	•	Time	Y	Received by: (	Signature	Date		Time			AVG	Tem	p°C_	4	7				·		
Sample Matri									Containe rdous samples will															

Project Informat	cion
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Released to Imaging: 6/9/2025 4:37:01 PM

Project Information	Chain of	f Custody													Page Z	_of_3
Client: Pima Environmental Services Project: Baethe Tuller 19 Fed 3 Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy.	Bill To Attention: Dever Address: City, State, Zip	Attention: Devori Lab WO# Job Number						07 Aethor	1D	2D	TA 3D		andard X	EPA P	rogram SDWA RCRA	
City, State, Zip_Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:	Phone: Email: Pima Project # 185		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		C NM	첟			NM CO	State UT AZ	TX
Time Sampled     Date Sampled     Matrix     No. of Containers     Sample ID       But     8/11/00     C     0.000     0.000		Lab Number	DRO/(	GRO/I	BTEX	vocb	Metal	Chlori	-	BGDOC	BGDOC				Remarks	
0.70 1.722 5 3.7 5		11							-	X						
<u>855</u> 9:00 8.7 1		12								┼╂╴						
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9:10 Sw 1	· · · · · · · · · · · · · · · · · · ·															
9:15 SW Z		14							4							
9:20 Sw 3		17							+	╢	-					
9:25 Sw 4 9:30 Sw 5		18							+							
9:35 Sw 6		20								$\mathbf{H}$	╞──					
Additional Instructions: I, (field sampler), attest to the validity and authenticity of this sample. I date or time of collection is considered fraud and may be grounds for lea	Billing # 210559/18 am aware that tampering with or intentionally miglabelling	3	locatio	on,										on ice the day	y they are samp lays.	led or received
Relinquished by: (Signature) Date Time	Received by: (Signature)	Date	<del>2</del> 2	Tinga 3 Time	:0(	<u>خ</u>	ſ	eived or				se On				
Relinquished by: (Signature)	105 alicent	B/B/Z Date	2	1C Time	$\dot{\nabla}$	$\underline{\circ}$	T1 AVG	Temp	ر کرر	12	<u>.</u>			<u>T3</u>		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 30 days after results are reported t samples is applicable only to those samples received by the labo	nless other arrangements are made. Hazardous sa		be ret	umed	to cli	_	oly/pl	astic, ag	- amb				repor	t for the ar	alysis of the	above
								e	31	n	V	ľ	r	01	te e	cl

Project	Information
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Project Information	Chair	of Custody	/										Page <u>3</u>	_of_3
Client: Pima Environmental Services	Bill To		1	· · ·	La	b Us	e Onl	y .	T		TAT		EPA Pr	ogram
Project: Beeffe Juice 19 Fed 3	Attention: 1) evon		Lab	WO#	10		Job N	Number	1D	2D	3D S	itandard	CWA	SDWA
Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy.	Address: City, State, Zip		صلا					Sis and Metho	<b>†</b>			<u>X</u>		RCRA
City, State, Zip Hobbs, NM. 88240	Phone:								Ť_			-		
Phone: 580-748-1613	Email:		015	015		:							State	
Email: tom@pimaoil.com Report due by:	Pima Project # $/85$		by 8	by 8	021	260	2	0.00	WN	Ĕ		X	UT AZ	ТХ
Thus Data		Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		1			Remarks	
Sampled Sampled Matrix No. of Containers Sample ID		Number	DRO	GRC	BTE	voc	Met	Ë	BGDOC	BGDOC			Remarks	
9:40 8/11/22 S SW7		21							X					
9:45 SW 8		22						_						
9:50 Sw 9		23												
9:55 Sw 10		24												
10:00 SW 11		25												
10:05 SW 12		au												
10:10 Sw 13		27							1					
10:15 Sw 14		28												
10:20 BG 1		29												
10:25 BGZ		130							\					
Additional Instructions:	Billing # 21055	918												
, (field sampler), attest to the validity and authenticity of this sample. I date or time of collection is considered fraud and may be grounds for le	am aware that compering with or intentionally mislabe	elling the sampl	e locati	on,				s requiring thermal in ice at an avg ten						ed or received
Relinguished by: (Signature) Date Time	(Regeived by: (Signature)	Date	Lab Use Only											
Alfandra Janders 8/17/22 Z:	30 P Refulce RIVICUIT	817	Ø	B	$\mathcal{O}$	<u>U</u>	Rece	eived on ice:	Ć	ダ	1			
Refinduished by Stehature Date Time	Received by: (Signature)	Date	2		):C	$\mathcal{N}$	T1		<b>T</b> 2			T3		
Relinquished by: (Signature) Date Time	Received by: (Signature)	Date		Time				Temp °C	4			. <u>19</u>		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other		Containe	r Type	) 2: g - j	giass,	p - p		astic, ag - ami	per gla	iss, v	- VOA			
Note: Samples are discarded 30 days after results are reported to samples is applicable only to those samples received by the laborated stamples is applicable only to those samples received by the laborated stamples is applicable only to those samples received by the laborated stamples is applicable only to those samples received by the laborated stamples is applicable only to those samples received by the laborated stamples is applicable only to those samples received by the laborated stamples is applicable only to those samples received by the laborated stamples is applicable only to those samples received by the laborated stamples is applicable only to those samples received by the laborated stamples is applicable only to those samples received by the laborated stamples is applicable only to those samples received by the laborated stamples is applicable only to those samples received by the laborated stamples is applicable only to those samples received by the laborated stamples is applicable only to those samples received by the laborated stamples is applicable only to those samples received by the laborated stamples received by the laborated stamples is applicable only to those samples received by the laborated stamples is applicable only to those stamples received by the laborated stamples received		ıs samples wil	l be rei	turnec	l to cli	ent o	r dispo	sed of at the cli				ort for the ar	alysis of the	above

NO .

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

	Pima Environmental Services-Carlsbad D	ate Received:	08/18/22 10:0	00	Work Order ID:	E208102
Phone:	(575) 631-6977 D	ate Logged In:	08/17/22 16:4	46	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com D	ue Date:	08/24/22 17:0	00 (4 day TAT)		
<u>Chain o</u>	f Custody (COC)					
	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location match	the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: U	I <u>PS</u>	
4. Was tl	he COC complete, i.e., signatures, dates/times, requested	d analyses?	No			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Commen	ts/Resolution
<u>Sample</u>	<u>Turn Around Time (TAT)</u>					
5. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		No. of containers not p	rovided on COC.
Sample	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
3. If yes	, was cooler received in good condition?		Yes			
). Was tl	he sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No			
11. If ye	s, were custody/security seals intact?		NA			
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re- minutes of sampling	,	Yes			
13. If no	visible ice, record the temperature. Actual sample te	mperature: <u>4°</u>	<u>C</u>			
Sample	<u>Container</u>					
	aqueous VOC samples present?		No			
15. Are`	VOC samples collected in VOA Vials?		NA			
16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA			
			NT A			
	a trip blank (TB) included for VOC analyses?		NA			
17. Was	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers?		NA Yes			
17. Was 18. Are 1		s collected?				
17. Was 18. Are 1	non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container	s collected?	Yes			
17. Was 18. Are 1 19. Is the Field La 20. Were	non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform		Yes Yes			
17. Was 18. Are 1 19. Is the Field La 20. Were	non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container <u>abel</u> e field sample labels filled out with the minimum inform Sample ID?		Yes Yes Yes			
17. Was 18. Are 1 19. Is the Field La 20. Were S	non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container <u>abel</u> e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected?		Yes Yes Yes Yes			
17. Was 18. Are 1 19. Is the Field La 20. Were 3 1 0	non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name?		Yes Yes Yes			
17. Was 18. Are 1 19. Is the Field La 20. Were 1 5 5 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5	non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container tibel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u>	nation:	Yes Yes Yes Yes Yes			
17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does	non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pres	nation:	Yes Yes Yes Yes Yes No			
17. Was 18. Are 1 19. Is the Field La 20. Were 5 1 0 5 5 5 21. Does 22. Are 5	non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were press sample(s) correctly preserved?	nation: erved?	Yes Yes Yes Yes No NA			
17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 2 24. Is lal	non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were press sample(s) correctly preserved? o filteration required and/or requested for dissolved met	nation: erved?	Yes Yes Yes Yes Yes No			
17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 2 24. Is lat Multiph	non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were press sample(s) correctly preserved? to filteration required and/or requested for dissolved met mase Sample Matrix	nation: erved? als?	Yes Yes Yes Yes No NA No			
17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 9 24. Is lat Multiph 26. Does	non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation a the COC or field labels indicate the samples were press sample(s) correctly preserved? to filteration required and/or requested for dissolved met tase Sample Matrix is the sample have more than one phase, i.e., multiphase?	nation: erved? als?	Yes Yes Yes Yes No NA No			
17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 2 24. Is lal Multiph 26. Does 27. If ye	non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were press sample(s) correctly preserved? to filteration required and/or requested for dissolved met tase Sample Matrix s the sample have more than one phase, i.e., multiphase s, does the COC specify which phase(s) is to be analyze	nation: erved? als?	Yes Yes Yes Yes No NA No			
17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 2 24. Is lal Multiph 26. Does 27. If ye Subcont	non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <b>Preservation</b> is the COC or field labels indicate the samples were press sample(s) correctly preserved? the filteration required and/or requested for dissolved met <b>mase Sample Matrix</b> is the sample have more than one phase, i.e., multiphasef is, does the COC specify which phase(s) is to be analyzed inter taboratory.	nation: erved? als? od?	Yes Yes Yes Yes No NA No No			
17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 2 24. Is lat Multiph 26. Does 27. If ye Subcont 28. Are 2	non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were press sample(s) correctly preserved? to filteration required and/or requested for dissolved met tase Sample Matrix s the sample have more than one phase, i.e., multiphase s, does the COC specify which phase(s) is to be analyze	nation: erved? als? d?	Yes Yes Yes Yes No NA No NA No	ibcontract Lab	• NA	

Date

envirotech Inc.

Signature of client authorizing changes to the COC or sample disposition.



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

# Pima Environmental Services-Carlsbad

Project Name:

Beetle Juice 19 Fed 3

Work Order: E211104

Job Number: 01058-0007

Received: 11/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/21/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 11/21/22

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Beetle Juice 19 Fed 3 Workorder: E211104 Date Received: 11/18/2022 6:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/18/2022 6:30:00AM, under the Project Name: Beetle Juice 19 Fed 3.

The analytical test results summarized in this report with the Project Name: Beetle Juice 19 Fed 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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#### Sample Summary

		Sample Sum	mary			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	Beetle Juice 19 Fee 01058-0007 Tom Bynum	13	<b>Reported:</b> 11/21/22 07:24	
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container	
SW21	E211104-01A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
SW22	E211104-02A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
SW23	E211104-03A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
SW24	E211104-04A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
SW25	E211104-05A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
SW26	E211104-06A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
SW27	E211104-07A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
SW28	E211104-08A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
SW29	E211104-09A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
SW30	E211104-10A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
SW31	E211104-11A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
SW32	E211104-12A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S1	E211104-13A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S2	E211104-14A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S3	E211104-15A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S4	E211104-16A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
\$5	E211104-17A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S6	E211104-18A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S7	E211104-19A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S8	E211104-20A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	



	~	ampic D				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 010	tle Juice 19 Fec 58-0007 1 Bynum	13		<b>Reported:</b> 11/21/2022 7:24:04AM
		CSW21				
		E211104-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	Analyst: RKS		Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2247078	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: RAS		Batch: 2247082	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		105 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2247095
Chloride	ND	20.0	1	11/18/22	11/18/22	



	5	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	: Beet	tle Juice 19 Fee	13		
PO Box 247	Project Numb	er: 0103	58-0007	Reported:		
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 7:24:04AM
		CSW22				
		E211104-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	Analyst: RKS		Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2247078	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: RAS			Batch: 2247082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		105 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2247095
Chloride	ND	20.0	1	11/18/22	11/18/22	


	56	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe		le Juice 19 Fe 58-0007	ed 3		Reported:
Plains TX, 79355-0247	Project Manag		Bynum			11/21/2022 7:24:04AM
		CSW23				
		E211104-03				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: RKS		Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: RKS		Batch: 2247078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2247082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		106 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: KL		Batch: 2247095
Chloride	39.0	20.0	1	11/18/22	11/18/22	



	3	ample D	ลเล			
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numb		tle Juice 19 Fed 58-0007	13		Reported:
Plains TX, 79355-0247	Project Manag		Bynum			11/21/2022 7:24:04AM
,	5 6	0	,			
		CSW24 E211104-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2247078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2247082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		106 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2247095
Chloride	ND	20.0	1	11/18/22	11/18/22	



	6	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name	: Beet	tle Juice 19 Fed	3		
PO Box 247	Project Numb	oer: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum			11/21/2022 7:24:04AM
		CSW25				
		E211104-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2247078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2247082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
urrogate: n-Nonane		106 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2247095
Chloride	ND	20.0	1	11/18/22	11/18/22	



	6	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name	: Beet	tle Juice 19 Fee	13		
PO Box 247	Project Numb	oer: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum			11/21/2022 7:24:04AM
		CSW26				
		E211104-06				
		Reporting				
Analyte	Result	Limit	Dilutior	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2247078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	kg Analyst: RAS			Batch: 2247082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
urrogate: n-Nonane		104 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2247095
Chloride	ND	20.0	1	11/18/22	11/18/22	



	3	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name	: Bee	tle Juice 19 Fed	3		
PO Box 247	Project Numb	er: 010:	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 7:24:04AM
		CSW27				
		E211104-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2247078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2247082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		102 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: KL		Batch: 2247095
Chloride	ND	20.0	1	11/18/22	11/18/22	



	D	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name	:: Bee	tle Juice 19 Fee	13		
PO Box 247	Project Numb	ber: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum			11/21/2022 7:24:04AM
		CSW28				
		E211104-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: RKS		Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2247078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2247082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		109 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2247095
Chloride	ND	20.0	1	11/18/22	11/18/22	



	Di	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:		le Juice 19 Fed	13		
PO Box 247	Project Number		58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 7:24:04AM
		CSW29				
		E211104-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
urrogate: 4-Bromochlorobenzene-PID		106 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2247078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	.g Analyst: RAS			Batch: 2247082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
urrogate: n-Nonane		108 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2247095
Chloride	ND	20.0	1	11/18/22	11/18/22	



	5	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	: Bee	tle Juice 19 Fe	d 3		
PO Box 247	Project Numb	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 7:24:04AM
		CSW30				
		E211104-10				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2247078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: RAS			Batch: 2247082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		115 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2247095
Chloride	ND	20.0	1	11/18/22	11/18/22	



	Da	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Bee	tle Juice 19 Fed 3	3		
PO Box 247	Project Numbe	er: 010	58-0007		Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 7:24:04AM
		CSW31				
		E211104-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2247078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: RAS		Batch: 2247082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		76.6 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2247095
Chloride	ND	20.0	1	11/18/22	11/18/22	



Da	imple D	ala			
Project Name:	Beet	le Juice 19 Fed	3		
Project Numbe	r: 0105	8-0007			Reported:
Project Manage	er: Tom	Bynum			11/21/2022 7:24:04AM
	CSW32				
]	E211104-12				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247078
ND	0.0250	1	11/17/22	11/18/22	
ND	0.0250	1	11/17/22	11/18/22	
ND	0.0250	1	11/17/22	11/18/22	
ND	0.0250	1	11/17/22	11/18/22	
ND	0.0500	1	11/17/22	11/18/22	
ND	0.0250	1	11/17/22	11/18/22	
	107 %	70-130	11/17/22	11/18/22	
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247078
ND	20.0	1	11/17/22	11/18/22	
	79.9 %	70-130	11/17/22	11/18/22	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2247082
ND	25.0	1	11/17/22	11/18/22	
ND	50.0	1	11/17/22	11/18/22	
	83.1 %	50-200	11/17/22	11/18/22	
mg/kg	mg/kg	Anal	yst: KL		Batch: 2247095
-				11/18/22	
	Project Name: Project Numbe Project Manago I Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Image   Image     Project Name:   Beet     Project Number:   0105     Project Manager:   Tom     CSW32     E211104-12     Reporting     Result   Limit     mg/kg   mg/kg     ND   0.0250     ND   20.0     79.9 %   mg/kg     mg/kg   mg/kg     ND   25.0     ND   50.0     83.1 %   50.0	Project Number: 01058-0007   Project Manager: Tom Bynum   CSW32   E211104-12   Reporting   Result Limit Dilution   mg/kg mg/kg Anal   ND 0.0250 1   ND 20.0 1   MD 20.0 1   MD 20.0 1   MD 25.0 1   ND 50.0 1   ND 50.200 1	I     Project Name:   Beetle Juice 19 Fed 3     Project Number:   01058-0007     Project Manager:   Tom Bynum     CSW32     E211104-12     Result   Dilution   Prepared     mg/kg   mg/kg   Analyst: RKS     ND   0.0250   1   11/17/22     ND   20.0   1   11/17/22     MD   20.0   1   11/17/22     MD   25.0   1   11/17/22     MD   25.0   1   11/17/22     ND	Project Name:   Beetle Juice 19 Fed 3     Project Number:   01058-0007     Project Manager:   Tom Bynum     CSW32     E211104-12     Result   Dilution     Reporting   Prepared   Analyzed     mg/kg   mg/kg   Analyst: RKS     ND   0.0250   1   11/17/22   11/18/22     ND   20.0   1   11/17/22   11/18/22     MD   20.0   1   11/17/22   11/18/22     MD   25.0



	25	imple D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Beet	le Juice 19 Fed 3			
PO Box 247	Project Numbe	er: 0105	58-0007		Reported:	
Plains TX, 79355-0247	Project Manage	er: Tom	Bynum			11/21/2022 7:24:04AM
		CS1				
	]	E211104-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2247078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.6 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: RAS		Batch: 2247082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		84.7 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2247095
Chloride	ND	20.0	1	11/18/22	11/18/22	



	Si	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:	Bee	le Juice 19 Fed	3		
PO Box 247	Project Numbe	er: 010	58-0007		Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 7:24:04AM
		CS2				
		E211104-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.0 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2247082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		86.6 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247095
Chloride	ND	20.0	1	11/18/22	11/18/22	



	Si	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Bee	tle Juice 19 Fed	3		
PO Box 247	Project Numbe	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 7:24:04AM
		CS3				
		E211104-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: RKS		Batch: 2247078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.1 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: RAS			Batch: 2247082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		82.7 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247095
Chloride	ND	20.0	1	11/18/22	11/18/22	



	Si	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:	Bee	tle Juice 19 Fed	3		
PO Box 247	Project Numbe	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 7:24:04AM
		CS4				
		E211104-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: RKS		Batch: 2247078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.5 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: RAS			Batch: 2247082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		81.5 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247095
Chloride	ND	20.0	1	11/18/22	11/18/22	



	25	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:		tle Juice 19 Fed	3		
PO Box 247	Project Numbe		58-0007			Reported:
Plains TX, 79355-0247	Project Manage	er: Tom	Bynum			11/21/2022 7:24:04AM
		CS5				
	-	E211104-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2247078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.5 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: RAS			Batch: 2247082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		82.8 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: KL		Batch: 2247095
Chloride	ND	20.0	1	11/18/22	11/18/22	



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Pima Environmental Services-Carlsbad	Project Name:	Bee	tle Juice 19 Fed	3		
PO Box 247	Project Numbe	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 7:24:04AN
		CS6				
		E211104-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		110 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: RKS		Batch: 2247078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		77.1 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: RAS			Batch: 2247082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		82.2 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: KL		Batch: 2247095
Chloride	ND	20.0	1	11/18/22	11/18/22	



	56	impic D	ala			
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe		tle Juice 19 Fed 3 58-0007			Reported:
Plains TX, 79355-0247	Project Manag	er: Ton	Bynum			11/21/2022 7:24:04AM
		CS7				
		E211104-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	ND 0.0250		11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2247078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.3 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: RAS			Batch: 2247082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		81.8 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2247095
Chloride	ND	20.0	1	11/18/22	11/18/22	

	58	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:	Bee	tle Juice 19 F	ed 3		
PO Box 247	Project Numbe	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manage	oject Manager: Tom Bynum				11/21/2022 7:24:04AM
		CS8				
	]	E211104-20				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2247078
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		110 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ai	Analyst: RKS		Batch: 2247078
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		79.2 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: RAS			Batch: 2247082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		81.7 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ai	nalyst: KL		Batch: 2247095
Chloride	ND	20.0	1	11/18/22	11/18/22	



## **QC Summary Data**

	Project Name:	Be	etle Juice 19	Fed 3				
	Project Number: Project Manager:		058-0007 m Bynum					<b>Reported:</b> 11/21/2022 7:24:04AM
	Volatile O	rganics b	y EPA 802	21B				Analyst: RKS
Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
					]	Prepared: 11	1/17/22 A	nalyzed: 11/18/22
ND ND ND ND	0.0250 0.0250 0.0250 0.0250 0.0250 0.0500							
ND 8.54	0.0250	8.00		107	70-130			
					]	Prepared: 11	1/17/22 A	nalyzed: 11/18/22
5.13 4.99 5.15 5.12 10.1 15.2	0.0250 0.0250 0.0250 0.0250 0.0500 0.0500 0.0250	5.00 5.00 5.00 5.00 10.0 15.0		103 99.8 103 102 101 101	70-130 70-130 70-130 70-130 70-130 70-130 70-130			
8.00		0.00		100		Prepared: 1	1/17/22 A	nalyzed: 11/18/22
4.96 4.83 4.98 4.95 9.79 14.7	0.0250 0.0250 0.0250 0.0250 0.0250 0.0500 0.0250	5.00 5.00 5.00 5.00 10.0 15.0		99.3 96.7 99.7 99.1 97.9 98.3	70-130 70-130 70-130 70-130 70-130 70-130	3.31 3.20 3.28 3.22 3.17 3.19	20 20 20 20 20 20 20	
-	mg/kg ND ND ND ND ND ND ND S.54 5.13 4.99 5.15 5.12 10.1 15.2 8.60 4.96 4.83 4.98 4.95 9.79	ND   0.0250     S.13   0.0250     8.54	ND   0.0250     S.13   0.0250     5.13   0.0250     5.15   0.0250     5.16   0.0250     5.17   0.0250     5.18   0.0250     5.19   5.00     5.12   0.0250     0.0250   15.0     8.60   8.00     4.96   0.0250   5.00     4.83   0.0250   5.00     4.98   0.0250   5.00     4.95   0.0250   5.00     4.95   0.0250   5.00     4.95   0.0250   5.00     9.79   0.0500	ND   0.0250   Spike   Source     ND   0.0250   mg/kg   mg/kg   mg/kg   mg/kg     ND   0.0250   ND   0.0250     S.13   0.0250   5.00   5.15     5.13   0.0250   5.00     5.12   0.0250   5.00     10.1   0.0500   10.0     15.2   0.0250   5.00     4.96   0.0250   5.00     4.98   0.0250   5.00     4.98   0.0250   5.00     4.98   0.0250   5.00     4.95   0.0250   5.00     4.95   0.0250   5.00     4.95   0.0250 </td <td>ND   0.0250   Spike   Source   Rec     mg/kg   mg/kg   mg/kg   mg/kg   %     ND   0.0250   0.0250   0.0250     ND   0.0250   5.00   103     5.13   0.0250   5.00   103     5.15   0.0250   5.00   103     5.12   0.0250   5.00   102     10.1   0.0500   100   101     15.2   0.0250   5.00   99.3     4.86   0.0250   5.00   99.3     4.83   0.0250   5.00   99.7     4.95</td> <td>ND   0.0250   Spike   Source   Rec   Limits     mg/kg   mg/kg   mg/kg   mg/kg   mg/kg   %   %     ND   0.0250   mg/kg   mg/kg   %   %   %     ND   0.0250   ND   0.0250   ND   %   %     ND   0.0250   ND   0.0250   ND   %   %     S.13   0.0250   ND   0.0250   %   %   %     \$.54   8.00   107   70-130   %   %   %     \$.13   0.0250   5.00   103   70-130   %   %     \$.13   0.0250   5.00   103   70-130   %   %     \$.13   0.0250   5.00   103   70-130   %   %   %     \$.14   0.0250   5.00   103   70-130   %   %   %   %   %   %   %   %   %   %   %   %   <td< td=""><td>ND   0.0250   New Spike   Source Result   Rec Limits   RPD     mg/kg   mg/kg   mg/kg   mg/kg   mg/kg   %   %   %     ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250     ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250     ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   ND   0.0250   ND   ND</td><td>ND   Solution   Spike Level   Source Result mg/kg   Rec Limits mg/kg   RPD Limit mg/kg   Rec limits mg/kg   RPD limit mg/kg   Rec limits mg/kg   RPD limit mg/kg   RPD limit mg/kg   Rec limits mg/kg   RPD limit mg/kg   Rec limit mg/kg   RPD limit mg/kg   RPD limit mg/kg   Rec limit mg/kg   RPD limit mg/kg   Rec limit mg/kg</td></td<></td>	ND   0.0250   Spike   Source   Rec     mg/kg   mg/kg   mg/kg   mg/kg   %     ND   0.0250   0.0250   0.0250     ND   0.0250   5.00   103     5.13   0.0250   5.00   103     5.15   0.0250   5.00   103     5.12   0.0250   5.00   102     10.1   0.0500   100   101     15.2   0.0250   5.00   99.3     4.86   0.0250   5.00   99.3     4.83   0.0250   5.00   99.7     4.95	ND   0.0250   Spike   Source   Rec   Limits     mg/kg   mg/kg   mg/kg   mg/kg   mg/kg   %   %     ND   0.0250   mg/kg   mg/kg   %   %   %     ND   0.0250   ND   0.0250   ND   %   %     ND   0.0250   ND   0.0250   ND   %   %     S.13   0.0250   ND   0.0250   %   %   %     \$.54   8.00   107   70-130   %   %   %     \$.13   0.0250   5.00   103   70-130   %   %     \$.13   0.0250   5.00   103   70-130   %   %     \$.13   0.0250   5.00   103   70-130   %   %   %     \$.14   0.0250   5.00   103   70-130   %   %   %   %   %   %   %   %   %   %   %   % <td< td=""><td>ND   0.0250   New Spike   Source Result   Rec Limits   RPD     mg/kg   mg/kg   mg/kg   mg/kg   mg/kg   %   %   %     ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250     ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250     ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   ND   0.0250   ND   ND</td><td>ND   Solution   Spike Level   Source Result mg/kg   Rec Limits mg/kg   RPD Limit mg/kg   Rec limits mg/kg   RPD limit mg/kg   Rec limits mg/kg   RPD limit mg/kg   RPD limit mg/kg   Rec limits mg/kg   RPD limit mg/kg   Rec limit mg/kg   RPD limit mg/kg   RPD limit mg/kg   Rec limit mg/kg   RPD limit mg/kg   Rec limit mg/kg</td></td<>	ND   0.0250   New Spike   Source Result   Rec Limits   RPD     mg/kg   mg/kg   mg/kg   mg/kg   mg/kg   %   %   %     ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250     ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250     ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   0.0250   ND   ND   0.0250   ND   ND	ND   Solution   Spike Level   Source Result mg/kg   Rec Limits mg/kg   RPD Limit mg/kg   Rec limits mg/kg   RPD limit mg/kg   Rec limits mg/kg   RPD limit mg/kg   RPD limit mg/kg   Rec limits mg/kg   RPD limit mg/kg   Rec limit mg/kg   RPD limit mg/kg   RPD limit mg/kg   Rec limit mg/kg   RPD limit mg/kg   Rec limit mg/kg



# **QC Summary Data**

		QC D	um	lary Date	u .				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager		Beetle Juice 19 01058-0007 Tom Bynum	Fed 3				<b>Reported:</b> 11/21/2022 7:24:04AM
	No	onhalogenated (	Organic	s by EPA 80	15D - G	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247078-BLK1)							Prepared: 1	1/17/22	Analyzed: 11/18/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			
LCS (2247078-BS2)							Prepared: 1	1/17/22	Analyzed: 11/18/22
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0		94.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.1	70-130			
LCS Dup (2247078-BSD2)							Prepared: 1	1/17/22	Analyzed: 11/18/22
Gasoline Range Organics (C6-C10)	48.3	20.0	50.0		96.7	70-130	2.01	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.8	70-130			



## QC Summary Data

		$\mathbf{x} \in \mathbf{z}$		ary Date					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Beetle Juice 19 01058-0007	Fed 3				Reported:
Plains TX, 79355-0247		Project Manager:		Tom Bynum					11/21/2022 7:24:04AM
	Nonh	alogenated Org	anics b	y EPA 8015I	) - DRO	/ORO			Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247082-BLK1)							Prepared: 1	1/17/22 A	Analyzed: 11/18/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.2		50.0		84.4	50-200			
LCS (2247082-BS1)							Prepared: 1	1/17/22 A	Analyzed: 11/18/22
Diesel Range Organics (C10-C28)	219	25.0	250		87.6	38-132			
Surrogate: n-Nonane	42.0		50.0		84.0	50-200			
Matrix Spike (2247082-MS1)				Source:	E211104-1	1	Prepared: 1	1/17/22 A	Analyzed: 11/18/22
Diesel Range Organics (C10-C28)	216	25.0	250	ND	86.3	38-132			
Surrogate: n-Nonane	41.9		50.0		83.9	50-200			
Matrix Spike Dup (2247082-MSD1)				Source:	E211104-1	1	Prepared: 1	1/17/22 A	Analyzed: 11/18/22
Diesel Range Organics (C10-C28)	219	25.0	250	ND	87.8	38-132	1.68	20	
Surrogate: n-Nonane	42.1		50.0		84.2	50-200			



# **QC Summary Data**

		-		v					
Pima Environmental Services-Carlsbad		Project Name:		Beetle Juice 19	Fed 3				Reported:
PO Box 247		Project Number:	0	1058-0007					
Plains TX, 79355-0247		Project Manager:	Т	Com Bynum					11/21/2022 7:24:04AM
		Anions l	by EPA	<b>300.0/9056</b> A	4				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247095-BLK1)							Prepared: 1	1/18/22 .	Analyzed: 11/18/22
Chloride	ND	20.0							
LCS (2247095-BS1)							Prepared: 1	1/18/22	Analyzed: 11/18/22
Chloride	256	20.0	250		102	90-110			
LCS Dup (2247095-BSD1)							Prepared: 1	1/18/22	Analyzed: 11/18/22
Chloride	257	20.0	250		103	90-110	0.326	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Pima Environmental Services-Carlsbad	Project Name:	Beetle Juice 19 Fed 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/21/22 07:24

ND	Analyte NOT DETECTED at or above the reporting limit
1.2	maryte no i bbilbe ibb at of acove are reporting initi

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page <u>3</u> of <u>16</u> Receiv

Client: Ping Environmental	Bill To		( 1968).		La	ab Us	e On	ly 👘	di Ajan dar		<u> </u>	1	AT	T	EPA Pi	ogram
Project: Beelle Juice 19 Fed 3	Attention:		Lab WO# EZIIIO4				Job Number				1D 2D 3D Stand		dard	CWA	SDWA	
Project Manager: Tom Bynum Address: 5614 N. Covington Hipy	Address:		EZ	2111	<u>C</u> r			<u>)58</u>	<u>.cu</u>	<u> 21  X</u>				an Garaga an		
City, State, Zip Hobos, NM, 88240	<u>City, State, Zip</u> Phone:						Analy	sis ar	nd Met	noa		<u> </u>	1	-		RCRA
Phone: 580-748-1613	Email:		15	5									1		State	<u> </u>
Email: tom @ pina.oil. Com			by 8015	y 80:	51			0.0			_	Hat	N	м со	UT AZ	TX
Report due by:	Aroject# 1-147		RO b	80 p	y 80	/ 826	601(	le 30				5				
Time Date Sampled Matrix No. of Containers Sample ID		Lab Number	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0				TCEQ 1005 TX-TPH			Remarks	
1:40 11/16/22 S I CSW21										X						4 6 1
1:45 1 1 CSW22		2								1						
$1:50 \qquad CSw23$		3											┼╌┼╸	_		
													╉╌┠╸			
1:55 0.500 24	·.····································									_						
D:00 CSW 25		5														
2:05 CSW 26																
2:10 CSW 27		7														
7:15 CSW28		8														
2:20 CSw 29		ğ														
2:25 CSW 3D		10											+			
	# 2D94B131		1	I.		Ii				i						
I, (field sampler), attest to the validity and authenticity of this sample. I am awa	re that tampering with or intentionally miclahelling the	cample locati	<u></u>				Sample	s requiri	ing therm	al presen	ation m	ust be rea	rejued on Ice	the day they	are sampled	
date or time of collection is considered fraud and may be grounds for legal action		sample locati	011,										5 °C on subs		-	Teceweb
Relinquished by: (Signature) Date /////22 133	Received by: (SignatOre)	Date 11-17-2	22	Time 13	37		Rèce	ived	on ice			Use O N	nly			
Relipquished by: (Signature) Date Time		Date / 8/		Time			T1			방어 영향			<u> </u>			
Relinquished by: (Signature) Date Time	Received by: (Signature)	Date		Time						- <u>1</u> 2 //	άw	ale ale ale	<u> </u>			
							AVG	and the second se		4						
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 30 days after results are reported unless		Container														
samples is applicable only to those samples received by the laborator	y with this COC. The liability of the laboratory is	limited to th	ne am	ount p	aid fo	or on t	ispose he rep	oort.	it the ci	ient ex	pense.	iner	eport for t	the analys	sis or the a	30ve
														-		- 200
							3			n	V	Ĭ	rn	+		ch
	_				Y						V					🗩 🛛 🎼
	Page 31	of 33														444

Reproject Information

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Chain of Custody

Page \_ d\_ of \_ l & Receiv

Client:	ina Env	iron	kntal	[25	Bill To	<u> </u>	31.76	si ku sh					Na ina dia dia dia dia dia dia dia dia dia di				AT		EPA Pr	- <sup>v</sup>
Project:	BeeHe J Manager: To	nicel	9 Fed	<u>3</u>	Attention:		Lab	W0# 2111	71		Job	lum	ber	1D	2D	3D	Sta	ndard_	CWA	SDWA
Address:			Nton <sup>1</sup>	Man Marin	Address: City, State, Zip								• CODT nd Method							RCRA
City, Stat	5614 N te, Zip 460	OS. NA	1'882	นั้นั้ 1	Phone:							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			1	1				
Phone:	580-74	8-161	3	&	Email:		015	8015								L I			State	
Email: +	om@p	MAD	il.com	• <u> </u>	0-1014111-1		by 8	by 8	021	99	9	0.00		Σ		di X			UT AZ	
Report d	lue by:	r	No. of	[**26.	Project # 1-147	Lab	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM		TCEQ 1005 TX-TPH				
Sampled	Date Sampled	Matrix	Containers	Sample ID		Númber	Ъ Ой	GRO,	BTEX	VOC	Meta	Chlo		8GD		ŢŒ			Remarks	
2: <b>3D</b>	11/16/22	S		CSW31										X						
2:35		1	i	CSW.32		12								İ						
2:4D			Π	081		13														
2:45				CS2		14								Τ						
2:50				<u>cs.</u> 3		15				-										
2:55	11			CS4		10														
3:00				CS 5 .		17														
3:05				CS L		18														
3:1D				C87		19														
3:15				C9 B		20														
	nal Instructio	ns:	Rill	ina#209	19121	ALCAN JULISIANA AR IN LA REVE	1													
			authenticity	of this sample. I am aware be grounds for legal action.	that tampering with or intentionally mislabe Sampled by: South	elling the sample locat	ion,						ing thermal pro t an avg temp a						ey are sampled c	or received
	ed by: (Signatu			17/22 Time 133-		Date/	-72	Time 73	37	,	Rece	hevi	on ice:				nly			
Reinquish	ed by: Aign	re)	Date		Received by: (Senature)	£ 11/18/						5. A		1	$C \geq C^{*}$	tet sonder References	т	3.		
Relinquish	ed by: (Signatur	re)	Date		Received by: (Signature)	Date		Time					p°C				<b>_</b>			alle statisti Maria profi Maria profi
Sample Mat	trix: <b>S</b> - Soil, <b>Sd</b> - S	olid, Se - Shu	dge. A - Aque	ous. O - Other		Container	Type	) 2: g - A	lass.						<u>ss.</u> v -					
					ther arrangements are made. Hazard							_				_		r the analy	sis of the a	bove
samples is	applicable only	to those s	amples rece	ived by the laboratory	vith this COC. The liability of the labor	atory is limited to t	he am	ount	paid fo	or on t	the rep	ort.								
									l		3				_	•			e	- L
										1-									<b>E(</b>	

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

		ate Received:	11/18/22 06:3	50	Work Order ID: E211104
Phone:	(575) 631-6977 D	ate Logged In:	11/17/22 14::	58	Logged In By: Caitlin Christian
Email:	tom@pimaoil.com D	ue Date:	11/18/22 17:	00 (0 day TAT)	
Chain of	f Custody (COC)				
1. Does t	the sample ID match the COC?		Yes		
2. Does t	the number of samples per sampling site location match	the COC	Yes		
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	ne COC complete, i.e., signatures, dates/times, requested	d analyses?	Yes		
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comments/Resolution
Sampla				1	
-	Turn Around Time (TAT) The COC indicate standard TAT, or Expedited TAT?		Yes		Project Beetle Juice 19 Fed 3 has been
	· •		105		separated into 8 reports.
Sample (	sample cooler received?		Yes		
	was cooler received in good condition?		Yes		E211103/E211104/E211105/E211106/E211
-	he sample(s) received intact, i.e., not broken?				107/E211108/E211109/E211110. COC
			Yes		received with white out on time sampled
	e custody/security seals present?		No		by client.
-	s, were custody/security seals intact?		NA		, , , , , , , , , , , , , , , , , , ,
	he sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re minutes of sampling	eceived w/i 15	Yes		
	visible ice, record the temperature. Actual sample ter	mperature: <u>4°</u>	<u>C</u>		
	Container				
	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	e head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers?		NA		
	appropriate volume/weight or number of sample containers?	a aallaatad?	Yes Yes		
Field La		s concettur	108		
	iner is a set to the set of the s	nation			
	Sample ID?	141101L	Yes		
	Date/Time Collected?		Yes	ļ	L
C	Collectors name?		No		
	Preservation				
	s the COC or field labels indicate the samples were press	erved?	No		
	sample(s) correctly preserved?	1.0	NA		
24. Is lab	o filteration required and/or requested for dissolved meta	als?	No		
	ase Sample Matrix				
	s the sample have more than one phase, i.e., multiphase?		No		
27. If yes	s, does the COC specify which phase(s) is to be analyze	ed?	NA		
Subconf	ract Laboratory				
Subcont.					
	samples required to get sent to a subcontract laboratory?	2	No		

Date



Signature of client authorizing changes to the COC or sample disposition.

•



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

# Pima Environmental Services-Carlsbad

Project Name:

Beetle Juice 19 Fed 3

Work Order: E211105

Job Number: 01058-0007

Received: 11/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/21/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 11/21/22

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Beetle Juice 19 Fed 3 Workorder: E211105 Date Received: 11/18/2022 6:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/18/2022 6:30:00AM, under the Project Name: Beetle Juice 19 Fed 3.

The analytical test results summarized in this report with the Project Name: Beetle Juice 19 Fed 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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#### Sample Summary

		Sample Sum	mary				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	Beetle Juice 19 Feo 01058-0007 Tom Bynum	13	<b>Reported:</b> 11/21/22 10:51		
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container		
S9	E211105-01A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S10	E211105-02A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S11	E211105-03A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S12	E211105-04A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S13	E211105-05A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S14	E211105-06A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S15	E211105-07A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S16	E211105-08A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S17	E211105-09A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S18	E211105-10A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S19	E211105-11A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S20	E211105-12A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S21	E211105-13A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
\$\$22	E211105-14A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
2823	E211105-15A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
2824	E211105-16A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S25	E211105-17A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S26	E211105-18A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
827	E211105-19A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S28	E211105-20A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		



		mpic D					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Number Project Manage		le Juice 19 58-0007 Bynum	Fed 3			<b>Reported:</b> 11/21/2022 10:51:12AM
		CS9					
	I	E211105-01					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RI	KS		Batch: 2247079
Benzene	ND	0.0250	1		11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1		11/17/22	11/18/22	
Toluene	ND	0.0250	1		11/17/22	11/18/22	
p-Xylene	ND	0.0250	1		11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1		11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1		11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		101 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		102 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RI	KS		Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		101 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		102 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: RAS		Batch: 2247083	
Diesel Range Organics (C10-C28)	ND	25.0	1		11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1		11/17/22	11/18/22	
Surrogate: n-Nonane		104 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: Kl	L		Batch: 2247096
Chloride	ND	20.0	1		11/18/22	11/18/22	



	0	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 0105	le Juice 19 l 58-0007 Bynum	Fed 3		<b>Reported:</b> 11/21/2022 10:51:12AM
		CS10				
		E211105-02				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: RKS		Batch: 2247079
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		99.0 %	70-130	11/17/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		113 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		99.9 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: RKS		Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
'urrogate: Bromofluorobenzene		99.0 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.9 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	analyst: RAS		Batch: 2247083
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
urrogate: n-Nonane		102 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	analyst: KL		Batch: 2247096
Chloride	ND	20.0	1	11/18/22	11/18/22	



	6	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	oer: 0105	le Juice 19 1 58-0007 Bynum	Fed 3		<b>Reported:</b> 11/21/2022 10:51:12AM
		CS11	-			
		E211105-03				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2247079
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
oluene	ND	0.0250	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
urrogate: Bromofluorobenzene		98.7 %	70-130	11/17/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		108 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
'urrogate: Bromofluorobenzene		98.7 %	70-130	11/17/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		108 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	/kg mg/kg Analyst: RAS			Batch: 2247083	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
urrogate: n-Nonane		102 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: KL		Batch: 2247096
Chloride	ND	20.0	1	11/18/22	11/18/22	



Sample	Data
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	5	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 0105	le Juice 19 1 58-0007 Bynum	Fed 3		<b>Reported:</b> 11/21/2022 10:51:12AM
		CS12				
		E211105-04				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: RKS		Batch: 2247079
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
oluene	ND	0.0250	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.8 %	70-130	11/17/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		111 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		101 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	analyst: RKS		Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
'urrogate: Bromofluorobenzene		98.8 %	70-130	11/17/22	11/18/22	
'urrogate: 1,2-Dichloroethane-d4		111 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		101 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	O mg/kg mg/kg Analyst: RAS		Batch: 2247083			
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		103 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	analyst: KL		Batch: 2247096
Chloride	ND	20.0	1	11/18/22	11/18/22	



Sample Data							
Pima Environmental Services-Carlsbad	Project Name	roject Name: Beetle Juice 19 Fed 3					
PO Box 247	Project Numb		01058-0007				Reported:
Plains TX, 79355-0247	Project Manager: Tom Bynum						11/21/2022 10:51:12AM
		CS13					
		E211105-05					
		Reporting					
Analyte	Result	Limit	Dilu	tion I	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS	5		Batch: 2247079
Benzene	ND	0.0250	1	1	1/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	1	1/17/22	11/18/22	
Toluene	ND	0.0250	1	1	1/17/22	11/18/22	
o-Xylene	ND	0.0250	1	1	1/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	1	1/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	1	1/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130	i	1/17/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		109 %	70-130	i	1/17/22	11/18/22	
urrogate: Toluene-d8		99.4 %	70-130	i	1/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	1/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130	i	1/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	i	1/17/22	11/18/22	
urrogate: Toluene-d8		99.4 %	70-130	i	1/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analys		Analyst: RAS		Batch: 2247083
Diesel Range Organics (C10-C28)	ND	25.0	1	1	1/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	1/17/22	11/18/22	
Surrogate: n-Nonane		106 %	50-200		1/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2247096
Chloride	ND	20.0	1	1	1/18/22	11/18/22	


	56	ample D	ata			
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe		le Juice 19 58-0007	Fed 3		Reported:
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum			11/21/2022 10:51:12AM
		CS14				
		E211105-06				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2247079
Benzene	ND	0.0250	1	11/17/2	.2 11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/2	11/18/22	
Toluene	ND	0.0250	1	11/17/2	11/18/22	
o-Xylene	ND	0.0250	1	11/17/2	11/18/22	
,m-Xylene	ND	0.0500	1	11/17/2	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/2	.2 11/18/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130	11/17/2	2 11/18/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	11/17/2	2 11/18/22	
Surrogate: Toluene-d8		98.2 %	70-130	11/17/2	22 11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/2	11/18/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130	11/17/2	22 11/18/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	11/17/2	22 11/18/22	
urrogate: Toluene-d8		98.2 %	70-130	11/17/2	22 11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2247083
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/2	.2 11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/2	11/18/22	
urrogate: n-Nonane		98.9 %	50-200	11/17/2	22 11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2247096
Chloride	ND	20.0	1	11/18/2	.2 11/18/22	



	D.	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name:	Beet	le Juice 19	Fed 3			
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				11/21/2022 10:51:12AM
		CS15					
		E211105-07					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2247079
Benzene	ND	0.0250	1	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		100 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		100 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: RAS			Batch: 2247083	
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	11/17/22	11/18/22	
Surrogate: n-Nonane		103 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2247096
Chloride	ND	20.0	1	1	11/18/22	11/18/22	



	5	ample D	ata				
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe	er: 0105	le Juice 19 58-0007	Fed 3			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				11/21/2022 10:51:12AM
		CS16					
		E211105-08					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RF	KS		Batch: 2247079
Benzene	ND	0.0250	1	l	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	l	11/17/22	11/18/22	
Toluene	ND	0.0250	1	l	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	l	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	l	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	l	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		99.7 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		99.7 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2247083
Diesel Range Organics (C10-C28)	ND	25.0	1	l	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	l	11/17/22	11/18/22	
urrogate: n-Nonane		104 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KI	J		Batch: 2247096
Chloride	ND	20.0	1	l	11/18/22	11/18/22	



		ample D	ata			
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number		le Juice 19 58-0007	Fed 3		Reported:
Plains TX, 79355-0247	Project Manag		Bynum			11/21/2022 10:51:12AM
,	, ,		5			
		CS17				
		E211105-09				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2247079
Benzene	ND	0.0250	1	11/17/2	2 11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/2	11/18/22	
Toluene	ND	0.0250	1	11/17/2	.2 11/18/22	
o-Xylene	ND	0.0250	1	11/17/2	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/2	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/2	.2 11/18/22	
urrogate: Bromofluorobenzene		101 %	70-130	11/17/2	22 11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	11/17/2	22 11/18/22	
Jurrogate: Toluene-d8		100 %	70-130	11/17/2	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/2	.2 11/18/22	
Surrogate: Bromofluorobenzene		101 %	70-130	11/17/2	22 11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	11/17/2	11/18/22	
Surrogate: Toluene-d8		100 %	70-130	11/17/2	22 11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2247083
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/2	2 11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/2	.2 11/18/22	
urrogate: n-Nonane		104 %	50-200	11/17/2	22 11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2247096
Chloride	ND	20.0	1	11/18/2	2 11/18/22	



Sampl	e Data
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	R R	sample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Nam Project Num Project Mana	ber: 0103	le Juice 19 58-0007 Bynum	Fed 3		<b>Reported:</b> 11/21/2022 10:51:12AM
		CS18				
		E211105-10				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2247079
Benzene	ND	0.0250	1	11/17/22	2 11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	2 11/18/22	
oluene	ND	0.0250	1	11/17/22	2 11/18/22	
-Xylene	ND	0.0250	1	11/17/22	2 11/18/22	
,m-Xylene	ND	0.0500	1	11/17/22	2 11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	2 11/18/22	
Surrogate: Bromofluorobenzene		99.4 %	70-130	11/17/22	2 11/18/22	
urrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	11/17/22	2 11/18/22	
urrogate: Toluene-d8		102 %	70-130	11/17/22	2 11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	2 11/18/22	
'urrogate: Bromofluorobenzene		99.4 %	70-130	11/17/22	2 11/18/22	
'urrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	11/17/22	2 11/18/22	
urrogate: Toluene-d8		102 %	70-130	11/17/22	2 11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: RAS			Batch: 2247083
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	2 11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	2 11/18/22	
'urrogate: n-Nonane		104 %	50-200	11/17/22	2 11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL		Batch: 2247096
Chloride	ND	20.0	1	11/18/22	2 11/18/22	



	Samp	ole Data	
Pima Environmental Services-Carlsbad	Project Name:	Beetle Juice 19 Fed 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/21/2022 10:51:12AM

Plains TX, 79355-0247	Project Manag	er: Tom	Bynum				11/21/2022 10:51:12AM
		CS19					
		E211105-11					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2247079
Benzene	ND	0.0250		1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250		1	11/17/22	11/18/22	
Toluene	ND	0.0250		1	11/17/22	11/18/22	
o-Xylene	ND	0.0250		1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500		1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250		1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		101 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		101 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		101 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		101 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	RAS		Batch: 2247083
Diesel Range Organics (C10-C28)	ND	25.0		1	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	50.0		1	11/17/22	11/18/22	
Surrogate: n-Nonane		103 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2247096
Chloride	ND	20.0		1	11/18/22	11/18/22	



Sampl	e Data
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	2	ample D	ลเล			
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Num	ber: 0103	le Juice 19 I 58-0007	Fed 3		Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum			11/21/2022 10:51:12AN
		CS20				
		E211105-12				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepare	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2247079
Benzene	ND	0.0250	1	11/17/22	2 11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	2 11/18/22	
Toluene	ND	0.0250	1	11/17/22	2 11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	2 11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	2 11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	2 11/18/22	
Surrogate: Bromofluorobenzene		98.1 %	70-130	11/17/2.	2 11/18/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	11/17/2.	2 11/18/22	
Surrogate: Toluene-d8		100 %	70-130	11/17/2.	2 11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	2 11/18/22	
Surrogate: Bromofluorobenzene		98.1 %	70-130	11/17/2.	2 11/18/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	11/17/2	2 11/18/22	
Surrogate: Toluene-d8		100 %	70-130	11/17/2.	2 11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: RAS			Batch: 2247083
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	2 11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	2 11/18/22	
Surrogate: n-Nonane		99.3 %	50-200	11/17/2.	2 11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2247096
Chloride	ND	20.0	1	11/18/22	2 11/18/22	



Sample	e Data
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Pima Environmental Services-Carlsbad	Project Name:		le Juice 19	Fed 3		
PO Box 247	Project Numbe		8-0007			Reported:
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum			11/21/2022 10:51:12AM
		CS21				
		E211105-13				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2247079
Benzene	ND	0.0250	1	11/17/22	11/18/22	
thylbenzene	ND	0.0250	1	11/17/22	11/18/22	
oluene	ND	0.0250	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	11/17/22	11/18/22	
m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
otal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
ırrogate: Bromofluorobenzene		98.5 %	70-130	11/17/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		98.8 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2247079
asoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
ırrogate: Bromofluorobenzene		98.5 %	70-130	11/17/22	11/18/22	
rrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		98.8 %	70-130	11/17/22	11/18/22	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: RAS			Batch: 2247083
viesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
il Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
urrogate: n-Nonane		100 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: KL		Batch: 2247096
Chloride	ND	20.0	1	11/18/22	11/18/22	



Sample	Data
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	5	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numb Project Manag	er: 0105	le Juice 19 58-0007 Bynum	Fed 3		<b>Reported:</b> 11/21/2022 10:51:12AM
		CS22				
		E211105-14				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2247079
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		101 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		101 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: RAS		Batch: 2247083
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		105 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL		Batch: 2247096
Chloride	ND	20.0	1	11/18/22	11/18/22	



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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Num Project Mana	ber: 0103	tle Juice 19 1 58-0007 1 Bynum	Fed 3		<b>Reported:</b> 11/21/2022 10:51:12AM
		CS23				
		E211105-15				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2247079
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
°oluene	ND	0.0250	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		101 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	ŀ	Analyst: RKS		Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		101 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: RAS		Batch: 2247083
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
urrogate: n-Nonane		105 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2247096
Chloride	ND	20.0	1	11/18/22	11/18/22	



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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Num Project Mana	ber: 0103	le Juice 19 1 58-0007 Bynum	Fed 3		<b>Reported:</b> 11/21/2022 10:51:12AM
		CS24				
		E211105-16				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: RKS		Batch: 2247079
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
°oluene	ND	0.0250	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		99.1 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.1 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: RAS		Batch: 2247083
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
urrogate: n-Nonane		106 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: KL		Batch: 2247096
Chloride	ND	20.0	1	11/18/22	11/18/22	



Sample Data
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	<b>D</b>	ample D	ala				
Pima Environmental Services-Carlsbad	Project Name	Beet	le Juice 19	Fed 3			
PO Box 247	Project Numb	er: 0105	58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				11/21/2022 10:51:12AM
		CS25					
		E211105-17					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: Rl	KS		Batch: 2247079
Benzene	ND	0.0250	1		11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1		11/17/22	11/18/22	
Toluene	ND	0.0250	1		11/17/22	11/18/22	
-Xylene	ND	0.0250	1		11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1		11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1		11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.8 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		100 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: Rl	KS		Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.8 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		100 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: R	AS		Batch: 2247083
Diesel Range Organics (C10-C28)	ND	25.0	1		11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1		11/17/22	11/18/22	
Surrogate: n-Nonane		105 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: K	L		Batch: 2247096
Chloride	ND	20.0	1		11/18/22	11/18/22	



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Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numl		le Juice 19 F 58-0007	Fed 3		Reported:
Plains TX, 79355-0247	Project Mana		Bynum			11/21/2022 10:51:12AN
		CS26				
		E211105-18				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	nalyst: RKS		Batch: 2247079
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.5 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: RKS			Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.5 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: RAS		Batch: 2247083
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		105 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: KL		Batch: 2247096
Chloride	ND	20.0	1	11/18/22	11/18/22	



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Pima Environmental Services-Carlsbad PO Box 247	Project Name		le Juice 19 1 58-0007	Fed 3		Den este d
PO Box 247 Plains TX, 79355-0247	Project Numb Project Manag		Bynum			<b>Reported:</b> 11/21/2022 10:51:12AM
Plains 1A, 19555-0247	Project Manag	ger: Iom	Бупип			11/21/2022 10.51.12AW
		CS27				
		E211105-19				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2247079
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
l'oluene	ND	0.0250	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.8 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.1 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.8 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.1 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: RAS		Batch: 2247083
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
urrogate: n-Nonane		106 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: KL		Batch: 2247096
Chloride	ND	20.0	1	11/18/22	11/18/22	



	a	ample D	ala				
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Num		le Juice 19	Fed 3			Reported:
Plains TX, 79355-0247	Project Mana		Bynum				11/21/2022 10:51:12AN
		CS28					
		CS28 E211105-20					
		Reporting					
Analyte	Result	Limit	Dilu	tion Prep	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS			Batch: 2247079
Benzene	ND	0.0250	1	11/1	7/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/1	7/22	11/18/22	
Toluene	ND	0.0250	1	11/1	7/22	11/18/22	
-Xylene	ND	0.0250	1	11/1	7/22	11/18/22	
,m-Xylene	ND	0.0500	1	11/1	7/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/1	7/22	11/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130	11/1	7/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	11/1	7/22	11/18/22	
urrogate: Toluene-d8		101 %	70-130	11/1	7/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS			Batch: 2247079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/1	7/22	11/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130	11/1	7/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	11/1	7/22	11/18/22	
Surrogate: Toluene-d8		101 %	70-130	11/1	7/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2247083
Diesel Range Organics (C10-C28)	ND	25.0	1	11/1	7/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/1	7/22	11/18/22	
urrogate: n-Nonane		103 %	50-200	11/1	7/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL			Batch: 2247096
Chloride	ND	20.0	1	11/1	8/22	11/18/22	



# QC Summary Data

		20.00		ing Dut	~				
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		eetle Juice 19 1058-0007	Fed 3				Reported:
Plains TX, 79355-0247		Project Manager:	To	om Bynum				11/2	21/2022 10:51:12AM
	,	Volatile Organic	Compo	unds by EF	PA 8260H	3			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247079-BLK1)						Ι	Prepared: 1	1/17/22 Ana	lyzed: 11/18/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.566		0.500		113	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			
LCS (2247079-BS1)						I	Prepared: 1	1/17/22 Ana	lyzed: 11/18/22
Benzene	2.44	0.0250	2.50		97.7	70-130			
Ethylbenzene	2.39	0.0250	2.50		95.7	70-130			
Toluene	2.42	0.0250	2.50		96.9	70-130			
p-Xylene	2.49	0.0250	2.50		99.6	70-130			
o,m-Xylene	4.96	0.0500	5.00		99.1	70-130			
Total Xylenes	7.45	0.0250	7.50		99.3	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.541		0.500		108	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			
LCS Dup (2247079-BSD1)						I	Prepared: 1	1/17/22 Ana	lyzed: 11/18/22
Benzene	2.55	0.0250	2.50		102	70-130	4.35	23	
Ethylbenzene	2.51	0.0250	2.50		100	70-130	4.82	27	
Toluene	2.56	0.0250	2.50		103	70-130	5.62	24	
p-Xylene	2.62	0.0250	2.50		105	70-130	4.95	27	
p,m-Xylene	5.22	0.0500	5.00		104	70-130	5.10	27	
Total Xylenes	7.83	0.0250	7.50		104	70-130	5.05	27	
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.569		0.500		114	70-130			



# **QC Summary Data**

		QU DI							
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:		Beetle Juice 19 01058-0007 Tom Bynum	Fed 3			1	<b>Reported:</b> 1/21/2022 10:51:12AM
	No	onhalogenated O	rganic	es by EPA 80	15D - G	RO			Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2247079-BLK1)							Prepared: 1	1/17/22 Aı	nalyzed: 11/18/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.566		0.500		113	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			
LCS (2247079-BS2)							Prepared: 1	1/17/22 Aı	nalyzed: 11/18/22
Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.2	70-130			
Surrogate: Bromofluorobenzene	0.477		0.500		95.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.559		0.500		112	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.4	70-130			
LCS Dup (2247079-BSD2)							Prepared: 1	1/17/22 Aı	nalyzed: 11/18/22
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.8	70-130	1.72	20	
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.532		0.500		106	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			



# **QC Summary Data**

		QC DI			и				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	(	Beetle Juice 19 01058-0007 Tom Bynum	Fed 3				<b>Reported:</b> 11/21/2022 10:51:12AM
	Nonh	alogenated Orga	anics by	y EPA 8015I	) - DRO	/ORO			Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2247083-BLK1)							Prepared: 1	1/17/22	Analyzed: 11/18/22
( )	ND	25.0					Tteparea. T	1/1//22 1	mary2ed. 11/10/22
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND	25.0 50.0							
Surrogate: n-Nonane	51.4	2010	50.0		103	50-200			
LCS (2247083-BS1)							Prepared: 1	1/17/22 A	Analyzed: 11/19/22
Diesel Range Organics (C10-C28)	238	25.0	250		95.3	38-132			
Surrogate: n-Nonane	52.0		50.0		104	50-200			
Matrix Spike (2247083-MS1)				Source:	E211105-	04	Prepared: 1	1/17/22 A	Analyzed: 11/19/22
Diesel Range Organics (C10-C28)	242	25.0	250	ND	97.0	38-132			
Surrogate: n-Nonane	49.5		50.0		98.9	50-200			
Matrix Spike Dup (2247083-MSD1)				Source:	E211105-	04	Prepared: 1	1/17/22 A	Analyzed: 11/19/22
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.6	38-132	0.393	20	
Surrogate: n-Nonane	51.6		50.0		103	50-200			



# **QC Summary Data**

		-		v					
Pima Environmental Services-Carlsbad		Project Name:		Beetle Juice 19	Fed 3				Reported:
PO Box 247		Project Number:		1058-0007					
Plains TX, 79355-0247		Project Manager:	Т	`om Bynum					11/21/2022 10:51:12AM
		Anions l	by EPA	300.0/9056A	A Contraction				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247096-BLK1)							Prepared: 1	1/18/22 A	nalyzed: 11/18/22
Chloride	ND	20.0							
LCS (2247096-BS1)							Prepared: 1	1/18/22 A	nalyzed: 11/18/22
Chloride	255	20.0	250		102	90-110			
LCS Dup (2247096-BSD1)							Prepared: 1	1/18/22 A	nalyzed: 11/18/22
Chloride	257	20.0	250		103	90-110	0.717	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Pima Environmental Services-Carlsbad	Project Name:	Beetle Juice 19 Fed 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/21/22 10:51

ND	Analyte NOT DETECTED at or above the reporting limit
	· · · · · · · · · · · · · · · · · · ·

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Reproject Information

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Page <u>6</u> of <u>6</u>

Client: Pima Environmental Project: Beetle Juice 19 Fed 3	Bill To		ling fills	Lab	) Use	Only	1	Antonia del			TAT		EPA Pi	ogram
Project: Beelle Tuice 19 Fed 3		Lab V EZ	vo#		्रि	ob N	umbe		1D	2D [	3D 3	Standard	CWA	SDWA
Address: 5614 N. 1041 Address: City, State	Zin	EZ	110	5			<u> &gt;8-0</u>	<u> </u>	X			1.1.2.2.2.2.5		
City, State, Zip Hobbs, NM, 88240	<u> </u>	r					is and I		ı T T	<u> </u>		-		RCRA
Phone: 580-748-1613		15	<u>۲</u>			ĺ						111711114466666666666666666666666666666	State	
Finall ton @ Osha oil Coha		by 8015	<u>8</u>		•		8		5		H4T-)	NM CO	UT AZ	TX
Report due by:	+#1-147	So 1	Sec.	28	y 826	601	e l		ž		500	X		
Time Sampled   Date Sampled   Matrix   No. of Containers   Sample ID	Lab Number	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM		TCEQ 1005 TX-TPH		Remarks	
3:20 11/16/22 S I CS9									X					6
3:25       CSID	2								1				-	
3:3D CS//	3							+						
3:35 (15/2	4		+	_					$\left  \right $					
					-				╎╎╷					
3:40 CS 13	5		_											
3:45 CS14	LQ .													
3:50 CS/5	7													
3:55 0916	8		:	Τ										
4:00 0517	9													
4:05 CS 18	0													
Additional Instructions: Billing# 20948131														
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering	with or intentionally mislabelling the sample location	00			Sa	mples	requiring t	hermai ore	servation	n must be	received	d on ice the day the	v are sampled (	received
date or time of collection is considered fraud and may be grounds for legal action.	Sampled by: Scott H.											on subsequent day		
Relinquished by: (Signature) Date /////22 1337 Receiv	ulth (I II-17-2	22	im. 733	7	R	Receiv	ved on	ice:			Only			
Relinquished by (Signature) Date Time Receive	by: Kignature) Late 11/18/2	22	ime	30	÷.				<u>.</u>			T3		
Relinquished by: (Signature) Date Time Receiv	d by: (Signature) Date	T	ime									<u>13</u>		
	Contribution					_	emp °	_				ar de la caracteria.		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 30 days after results are reported unless other arrange	Container											rt for the anal	rsis of the al	
samples is applicable only to those samples received by the laboratory with this COC	The liability of the laboratory is limited to th	e amo	unt pai	d for	on th	e repo	ort.							
										•				- 30C
				<b>A</b>	3		P	n		/ Ĭ	r	ot	01	<b>&gt; h</b> ?
	Dage 21 of 22												$\sim$ (	🗩 🛯 🎼
	Page 31 of 33													1

Reproject Information

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Page lo\_of le Receive

Ect: Beet-le_Suige 19 Fed 3 Attention:   ect Manager: Tom Bynum Address:   ress: 5614 N byington they City, State, Zip   State, Zip Hi0005, NM, 88240 Phone:   ne: 580-748-1613 Email:		Lab E2	wo# 211	05	S	Job	Num	ber • DCC	10		3D	Standard	I CWA	SDWA
ress: 564 N windon they City, State, Zip		EZ	411	Us	3.4						1 1			
State, Zip HOODS, NM, 88240 Phone:					and the second se	Analy		nd Meth		<u> </u>	L_L	in her hilling	•	RCRA
										<b>—</b>			2 2	
ne: 580-748-1613		5	ង									<u></u>	State	_L
il: tom@ OIMO. Dil. COM		y 80	8	ដ	9		0.0		5	;	HAL-	NM C	OUTA	ZTX
Proyect # 1-47		ROL	R0 F	v 80	y 826	601	Je 30				50	X		
ne Date Sampled Matrix No. of Containers Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM		TCEQ 1005 TX-TPH		Remark	5
10 11/11/22 S 1 CS 19	11								X					
15 1 1 CS 2D	12								1					
20 CS 21	13										$\uparrow$			
25 0922	14									+-	$\uparrow \uparrow$			
30 CS 23	15										$\uparrow$			
35 CS 24	16													
40 0925	17	-												
45 CS 26	18	$\vdash$							┼┦				<sup>-</sup>	
50 09.27	19								╢					
55 05 28	20								╁					
	60													
Billing#20948131										_				
d sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling r time of collection is copsidered fraud and may be grounds for legal action.	the sample locat	ion,										ed on ice the day C on subsequent	they are sample days.	d or received
auished by: (Signature) Date 11/17/22 1337 Received by: (Signature) Cyb	- 0.1-17-	22	Time 13	37		Rece	vived	on ice:	, i de la serie d	Lab U	se Only			
will the li-17-22 1620 Atte Inte	Date, /		Time			T1			С Т2	2		<u>13</u>		
quished by: (Signature) Date Time Received by: (Signature)	Date		Time					p°c_L	<u>.</u>					
e Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Container	Type	:g-p	lass.						 acc v .	. VOA			
Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous	samples will be	e retur	ned to	clien	t or di	ispose	ed of a					ort for the a	alysis of the	above
les is applicable only to those samples received by the laboratory with this COC. The liability of the laborator	y is limited to t	he am	ount p	oaid fo	or on t	he re	port.		_		-			

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

lient:	Pima Environmental Services-Carlsbad	Date Received:	11/18/22 06	5:30	Work Order ID: E211105
Phone:	(575) 631-6977	Date Logged In:	11/17/22 15	5:05	Logged In By: Caitlin Christian
Email:		Due Date:	11/18/22 17	7:00 (0 day TAT)	
Chain o	f Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location mate	h the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was t	ne COC complete, i.e., signatures, dates/times, request	ed analyses?	Yes	_	
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion		Yes		<b>Comments/Resolution</b>
Sample	Turn Around Time (TAT)				
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Beetle Juice 19 Fed 3 has been
Sample	• •				separated into 8 reports.
	sample cooler received?		Yes		E211103/E211104/E211105/E211106/E211
8. If yes	was cooler received in good condition?		Yes		107/E211108/E211109/E211110. COC
9. Was t	ne sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		received with white out on time sampled
11. If ye	s, were custody/security seals intact?		NA		by client.
12. Was 1	he sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are		Yes		
	minutes of sampling				
13 If no	visible ice record the temperature Actual sample t	emnerature: 4º	'C		
	visible ice, record the temperature. Actual sample t	emperature: <u>4°</u>	<u>°C</u>		
<u>Sample</u>	Container	emperature: <u>4°</u>			
<u>Sample</u> 14. Are	Container aqueous VOC samples present?	emperature: <u>4°</u>	No		
<u>Sample</u> 14. Are 15. Are	Container aqueous VOC samples present? VOC samples collected in VOA Vials?	emperature: <u>4°</u>	No NA		
Sample 14. Are 15. Are 16. Is th	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)?	emperature: <u>4°</u>	No NA NA		
Sample 14. Are 15. Are 16. Is th 17. Was	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?	emperature: <u>4º</u>	No NA		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)?	. –	No NA NA NA		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? a appropriate volume/weight or number of sample container	. –	No NA NA NA Yes		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? a appropriate volume/weight or number of sample container	ers collected?	No NA NA NA Yes		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contained bel e field sample labels filled out with the minimum infor Sample ID?	ers collected?	No NA NA NA Yes		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contained bel e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected?	ers collected?	No NA NA Yes Yes Yes		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contained thel e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name?	ers collected?	No NA NA Yes Yes		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were Sample	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers? e appropriate volume/weight or number of sample containers? e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? Preservation	ers collected?	No NA NA Yes Yes Yes No		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were Sample 21. Does	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers? e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? Preservation a the COC or field labels indicate the samples were preserved.	ers collected?	No NA NA Yes Yes Yes No		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were Sample 21. Does 22. Are	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers? e appropriate volume/weight or number of sample containers? e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? Preservation	ers collected? mation: eserved?	No NA NA Yes Yes Yes No		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 24. Is lal	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? Preservation a the COC or field labels indicate the samples were presented sample(s) correctly preserved? o filteration required and/or requested for dissolved me	ers collected? mation: eserved?	No NA NA Yes Yes Yes No No		
Sample 14. Are 15. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 24. Is lai Multiph	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? Preservation a the COC or field labels indicate the samples were pre- sample(s) correctly preserved? o filteration required and/or requested for dissolved me- ase Sample Matrix	ers collected? mation: eserved? etals?	No NA NA Yes Yes Yes No No NA No		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 24. Is lai Multiph 26. Does	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? Preservation a the COC or field labels indicate the samples were presented sample(s) correctly preserved? o filteration required and/or requested for dissolved me	ers collected? mation: eserved? etals? e?	No NA NA Yes Yes Yes No No NA No		
Sample 14. Are 15. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 24. Is lai Multiph 26. Does 27. If ye	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container the e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? Preservation a the COC or field labels indicate the samples were pre- sample(s) correctly preserved? o filteration required and/or requested for dissolved me ase Sample Matrix is the sample have more than one phase, i.e., multiphase	ers collected? mation: eserved? etals? e?	No NA NA Yes Yes Yes No No NA No		
Sample 14. Are 15. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 24. Is lai Multiph 26. Does 27. If ye	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? Preservation a the COC or field labels indicate the samples were pre- sample(s) correctly preserved? o filteration required and/or requested for dissolved me ase Sample Matrix is the sample have more than one phase, i.e., multiphase s, does the COC specify which phase(s) is to be analyze	ers collected? mation: eserved? etals? e? zed?	No NA NA Yes Yes Yes No No NA No		

Signature of client authorizing changes to the COC or sample disposition.



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5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

# Pima Environmental Services-Carlsbad

Project Name:

Beetle Juice 19 Fed 3

Work Order: E211107

Job Number: 01058-0007

Received: 11/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/21/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 11/21/22

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Beetle Juice 19 Fed 3 Workorder: E211107 Date Received: 11/18/2022 6:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/18/2022 6:30:00AM, under the Project Name: Beetle Juice 19 Fed 3.

The analytical test results summarized in this report with the Project Name: Beetle Juice 19 Fed 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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#### Sample Summary

		Sample Sum	mary			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	Beetle Juice 19 Fec 01058-0007 Tom Bynum	13	<b>Reported:</b> 11/21/22 11:08	
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container	
S49	E211107-01A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S50	E211107-02A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S51	E211107-03A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S52	E211107-04A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
\$53	E211107-05A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
854	E211107-06A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
\$55	E211107-07A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
\$56	E211107-08A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
857	E211107-09A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
\$58	E211107-10A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
2859	E211107-11A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S60	E211107-12A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S61	E211107-13A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S62	E211107-14A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S63	E211107-15A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S64	E211107-16A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S65	E211107-17A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S66	E211107-18A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S67	E211107-19A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	
S68	E211107-20A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.	



	5	ampic D	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Manaş	er: 010	tle Juice 19 Fed 3 58-0007 1 Bynum	3		<b>Reported:</b> 11/21/2022 11:08:13AM
		CS49				
		E211107-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/18/22	
Toluene	ND	0.0250	1	11/18/22	11/18/22	
p-Xylene	ND	0.0250	1	11/18/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/18/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/18/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: IY			Batch: 2247103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.4 %	70-130	11/18/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	/kg Analyst: RAS			Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		112 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2247100
Chloride	ND	20.0	1	11/18/22	11/18/22	



	3	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Bee	tle Juice 19 Fec	13		
PO Box 247	Project Numbe	er: 010	58-0007		Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum			11/21/2022 11:08:13AM
		CS50				
		E211107-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: IY		Batch: 2247103	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.1 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: RAS			Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		112 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2247100
Chloride	ND	20.0	1	11/18/22	11/18/22	

	Da	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Bee	tle Juice 19 Fed 3			
PO Box 247	Project Numbe	er: 010		Reported:		
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 11:08:13AM
		CS51				
		E211107-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2247103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.1 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
urrogate: n-Nonane		111 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2247100
Chloride	ND	20.0	1	11/18/22	11/18/22	

	5	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name	: Bee	tle Juice 19 Fee			
PO Box 247	Project Numb		Reported:			
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 11:08:13AM
		CS52				
		E211107-04				
		Reporting				
Analyte	Result	Limit	Dilutior	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2247103	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.5 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		117 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2247100
Chloride	29.5	20.0	1	11/18/22	11/18/22	



	5	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name	: Bee	tle Juice 19 Fe			
PO Box 247	Project Numb	Reported:				
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 11:08:13AM
		CS53				
		E211107-05				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2247103	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.2 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		109 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2247100
Chloride	ND	20.0	1	11/18/22	11/19/22	



	25	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Bee	tle Juice 19 Fed	3		
PO Box 247	Project Numbe	er: 010	58-0007		Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum	11/21/2022 11:08:13AM		
		CS54				
		E211107-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2247103	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.4 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: RAS			Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		104 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: KL		Batch: 2247100
Chloride	ND	20.0	1	11/18/22	11/19/22	



	25	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Bee	tle Juice 19 Fed	13		
PO Box 247	Project Numbe	er: 010	58-0007		Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum			11/21/2022 11:08:13AM
		CS55				
		E211107-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2247103	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		79.9 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: RAS			Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		105 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2247100
Chloride	ND	20.0	1	11/18/22	11/19/22	



	25	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Bee	tle Juice 19 Fee	13		
PO Box 247	Project Numbe	er: 010	58-0007		Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum	11/21/2022 11:08:13AM		
		CS56				
		E211107-08				
		Reporting				
Analyte	Result	Limit	Dilutior	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	11/18/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2247103	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.5 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: RAS			Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		101 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2247100
Chloride	ND	20.0	1	11/18/22	11/19/22	


	3	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Bee	tle Juice 19 Fed	13		
PO Box 247	Project Numbe	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum			11/21/2022 11:08:13AM
		CS57				
		E211107-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	11/18/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2247103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.1 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		104 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2247100
Chloride	ND	20.0	1	11/18/22	11/19/22	



	25	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Beet	tle Juice 19 Fed	3		
PO Box 247	Project Numbe	er: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum			11/21/2022 11:08:13AM
		CS58				
		E211107-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: IY			Batch: 2247103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.8 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		106 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2247100
Chloride	ND	20.0	1	11/18/22	11/19/22	



	Di	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Bee	tle Juice 19 Fed 3			
PO Box 247	Project Numbe	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 11:08:13AM
		CS59				
		E211107-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2247103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.7 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: RAS		Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		106 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2247100
Chloride	ND	20.0	1	11/18/22	11/19/22	



	5	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	: Beet	le Juice 19 Fed	3		
PO Box 247	Project Numb	er: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 11:08:13AM
		CS60				
		E211107-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
o-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/19/22	
urrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2247103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.4 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
urrogate: n-Nonane		106 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: KL		Batch: 2247100
Chloride	ND	20.0	1	11/18/22	11/19/22	



	58	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Beet	le Juice 19 Fed	3		
PO Box 247	Project Numbe	er: 010:	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 11:08:13AM
		CS61				
		E211107-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
o-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/19/22	
urrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2247103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.0 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
urrogate: n-Nonane		104 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247100
Chloride	20.7	20.0	1	11/18/22	11/19/22	



	5	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Beet	tle Juice 19 Fee	13		
PO Box 247	Project Numbe	er: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 11:08:13AM
		CS62				
		E211107-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
o-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2247103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.6 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		103 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: KL		Batch: 2247100
Chloride	ND	20.0	1	11/18/22	11/19/22	



	25	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Beet	tle Juice 19 Fed	3		
PO Box 247	Project Numbe	er: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 11:08:13AM
		CS63				
		E211107-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: IY			Batch: 2247103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.0 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		105 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247100
Chloride	ND	20.0	1	11/18/22	11/19/22	



	3	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name	: Beet	le Juice 19 Fed	3		
PO Box 247	Project Numb	er: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 11:08:13AM
		CS64				
		E211107-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	11/18/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2247103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.6 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		107 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2247100
Chloride	ND	20.0	1	11/18/22	11/19/22	



	5	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Beet	tle Juice 19 Fed	13		
PO Box 247	Project Numb	er: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 11:08:13AM
		CS65				
		E211107-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
o-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2247103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.1 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
urrogate: n-Nonane		103 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2247100
Chloride	ND	20.0	1	11/18/22	11/19/22	



	56	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Bee	tle Juice 19 Fee	13		
PO Box 247	Project Numbe	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum			11/21/2022 11:08:13AM
		CS66				
		E211107-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	11/18/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2247103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		78.6 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		103 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2247100
Chloride	ND	20.0	1	11/18/22	11/19/22	



	Da	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Bee	tle Juice 19 Fed 3	3		
PO Box 247	Project Numbe	er: 010:	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum			11/21/2022 11:08:13AM
		CS67				
		E211107-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2247103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.6 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2247085	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		98.1 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2247100
Chloride	ND	20.0	1	11/18/22	11/19/22	



	5	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	: Beet	le Juice 19 Fed	3		
PO Box 247	Project Numb	er: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 11:08:13AM
		CS68				
		E211107-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2247103
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
o-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/19/22	
urrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2247103
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.3 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2247085
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
urrogate: n-Nonane		103 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247100
Chloride	ND	20.0	1	11/18/22	11/19/22	



### **QC Summary Data**

		L L		ing Duu	-				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	eetle Juice 19 1058-0007 om Bynum	Fed 3				<b>Reported:</b> 11/21/2022 11:08:13AM
		Volatile O	rganics	by EPA 802	1B				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2247103-BLK1)						]	Prepared: 1	1/18/22 A	nalyzed: 11/18/22
Benzene Ethylbenzene Toluene o-Xylene p,m-Xylene Total Xylenes	ND ND ND ND ND	0.0250 0.0250 0.0250 0.0250 0.0500 0.0500 0.0250							
Surrogate: 4-Bromochlorobenzene-PID LCS (2247103-BS1)	8.44		8.00		106	70-130	Prepared: 1	1/18/22 A	nalyzed: 11/18/22
Benzene Ethylbenzene Toluene o-Xylene p,m-Xylene Total Xylenes Surrogate: 4-Bromochlorobenzene-PID	5.82 4.52 4.86 4.60 9.21 13.8 8.58	0.0250 0.0250 0.0250 0.0250 0.0500 0.0250	5.00 5.00 5.00 5.00 10.0 15.0 8.00		116 90.5 97.3 92.1 92.1 92.1 92.1	70-130 70-130 70-130 70-130 70-130 70-130 70-130			
LCS Dup (2247103-BSD1)						1	Prepared: 1	1/18/22 A	nalyzed: 11/18/22
Benzene Ethylbenzene Toluene o-Xylene p,m-Xylene	5.81 4.51 4.84 4.59 9.18 13.8	0.0250 0.0250 0.0250 0.0250 0.0250 0.0500	5.00 5.00 5.00 5.00 10.0 15.0		116 90.2 96.8 91.9 91.8	70-130 70-130 70-130 70-130 70-130 70-130	0.307 0.349 0.515 0.232 0.398 0.343	20 20 20 20 20 20 20	



## **QC Summary Data**

		QU D		ary Dat					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Beetle Juice 19 01058-0007	Fed 3				Reported:
Plains TX, 79355-0247		Project Manager:		Tom Bynum					11/21/2022 11:08:13AM
	No	onhalogenated C	Organic	s by EPA 80	15D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247103-BLK1)							Prepared:	11/18/22	Analyzed: 11/18/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.52		8.00		81.5	70-130			
LCS (2247103-BS2)							Prepared:	11/18/22	Analyzed: 11/18/22
Gasoline Range Organics (C6-C10)	53.1	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.51		8.00		81.3	70-130			
LCS Dup (2247103-BSD2)							Prepared:	11/18/22	Analyzed: 11/18/22
Gasoline Range Organics (C6-C10)	55.7	20.0	50.0		111	70-130	4.84	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.74		8.00		84.2	70-130			



### **QC Summary Data**

		QC DI		ary Data	4				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	(	Beetle Juice 19 )1058-0007 Fom Bynum	Fed 3				<b>Reported:</b> 11/21/2022 11:08:13AM
	Nonh	alogenated Orga		•	) - DRO	/ORO			Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247085-BLK1)							Prepared: 1	1/17/22 A	nalyzed: 11/18/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.0		50.0		108	50-200			
LCS (2247085-BS1)							Prepared: 1	1/17/22 A	analyzed: 11/18/22
Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	50.5		50.0		101	50-200			
Matrix Spike (2247085-MS1)				Source:	E211107-	19	Prepared: 1	1/17/22 A	analyzed: 11/18/22
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	51.6		50.0		103	50-200			
Matrix Spike Dup (2247085-MSD1)				Source:	E211107-	19	Prepared: 1	1/17/22 A	analyzed: 11/18/22
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132	4.02	20	
Surrogate: n-Nonane	48.7		50.0		97.4	50-200			



## **QC Summary Data**

		-		v					
Pima Environmental Services-Carlsbad		Project Name:		Beetle Juice 19	Fed 3				Reported:
PO Box 247		Project Number:	0	1058-0007					
Plains TX, 79355-0247		Project Manager:	Т	Com Bynum					11/21/2022 11:08:13AM
		Anions l	by EPA	<b>300.0/9056</b> A	4				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247100-BLK1)							Prepared: 1	1/18/22 A	nalyzed: 11/18/22
Chloride	ND	20.0							
LCS (2247100-BS1)							Prepared: 1	1/18/22 A	nalyzed: 11/18/22
Chloride	254	20.0	250		102	90-110			
LCS Dup (2247100-BSD1)							Prepared: 1	1/18/22 A	nalyzed: 11/18/22
Chloride	258	20.0	250		103	90-110	1.19	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Pima Environmental Services-Carlsbad	Project Name:	Beetle Juice 19 Fed 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/21/22 11:08

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

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Client: Pima Environmental	Bill To			La	ab Us	e On	ly				TAT			EPA Pr	rogram
Project: Beetle Tuice 19 Fed 3 Attention:		Lab	WO#	jar) Kal				er	1D	2D	3D	Standa	ard	CWA	SDWA
Project Manager:       Tom Bynum       Address:         Address:       5614       N. Lovington       City, State	Zin	E	2111	0				007 d Metho	ļΧ			×(38	10-1		DCDA
City, State, Zip HobioS, NM. 88240 Phone:	<u></u>					Analy	sis and		a T	<u>г</u> – т		-	-		RCRA
Phone: 580-748-1613		្ព	8015								-	(3) NG7		State	
mail: tom@pimapil.com		v 80	08   8	ដ	g	。	0.0		Σ		HAL-X		CO	UTAZ	ТХ
	<u>*. 1-147</u>	R R	08 08	by 80	y 82(	s 601	de 3(		l z		1 2005	×			
Time Sampled         Date Sampled         Matrix         No. of Containers         Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM		TCEQ 1005 TX-TPH		f	Remarks	
:40 11/16/22 S 1 CS 49									×						
2:45 CS 5D	2								1						
	3				-										
2:50 CS 51 2:55 CS 52							+								
1:00 0953	5								++-		+	+-			
7:05 Cs 54			-						┼╂╴		+	+			
									++			+			
7:10 CS 55									++						
7:15 CS 56	8								╎╷╽			_			
7:30 6957	9														
7:35	10														
additional Instructions: Billing # 209 48131															
(field sampler), attest to the validity and authenticity of this sample. I am aware that tampering ate or time of collection is considered fraud and may be grounds for legal action.	vith or intentionally mislabelling the sample locati Sampled by: Scott 44	ion,						g thermal p n avg temp						are sampled o	r received
participation of the second se	by: (Signature) Date 11-17-		Time [}	37		Rece	ived c	on ice:	la A	ab Use 7 N	e Only				
MULLIK MARCHATICE 1620 102		22	Time	<u>3</u> (		<u></u>						<u>T3</u>			
elinquished by: (Signature)	I by: (Signature) Date		Time			AVG	Temp		Ý						
mple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Container	Туре	: g - gl	ass, j					er glas	s, v - \	/OA			1. j. et al.	<u>pana kan k</u> a
ote: Samples are discarded 30 days after results are reported unless other arrangen	ents are made. Hazardous samples will be	e retur	ned to	clien	t or di	spose	d of at	the clien	t exper	nse. T	he repo	rt for the	e analysi	is of the a	bove
imples is applicable only to those samples received by the laboratory with this COC.	ne liability of the laboratory is limited to the	he am	ount pa	aid fo	or on t	he rep	ort.								
				A		5				_			l.		
				Q	E	•	E	<b>;</b> [		/		O		9(	ch
	Page 31 of 33							_	_					-	

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Client: Pina Environmental	Bill To				Lab U	se On	ly.	Valoria	<u> </u>		TAT	,	EPA	Program
Project: Beetle Juice 19 Fed 3 Project Manager: Tom Bynum Address: 5614 N. byington Huy	Attention:	[ī	ab W	0#	<u> (</u>	Job	Number		1D	2D 🗄	3D	Standar		
Project Manager: Tom Bynum	Address:		E 21	10.			58-00		<b>X</b>				- 1.	
City, State, Zip HOODS, NM, 08240	City, State, Zip Phone:	-				Analy	sis and N	lethod				_		RCRA
Phone: 580-748-1613	Email:		<u>س</u> ا رب	n									State	
Email: Imeninadil.com			/ 8015				9				H	NM		
Report due by:	Project # 1-147			V 8021	8260	6010	e 300		N N N		х Х	X		
Time Sampled Date Sampled Matrix No. of Containers Sample ID	•	Lab Number	DRO/ORO by 8015	BTEX by	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM		TCEQ 1005 TX-TPH		Remar	ks
7:40 11/11/22 S 1 CS 50	<b>7</b> <sup>°</sup>	II							X					
7:45 1 1 09.60	)	12							1					
7:50 CS 61		13						1						
7:55 (56)		14												
8:00 CS 6		15												
8:05 CS 61		16												
8:10 CS 6		17									1			
8:15 CS60		18												
8:20 CS6	7	19												
8:25 CS6	S.	20												
Additional Instructions: Rilling #	20948131				•									
UIIIIGH		ample least'-				Samele	e panuleine + -	rmal			- enacher	d on ing al-	y they are samp	
I, (field sampler), attest to the validity and authenticity of this sample. I a date or time of collection is considered fraud and may be grounds for leg	al action. <u>Sampled by:</u> <b>Scott H</b> .	ample locatio	16,									on subsequer		an ol laceined
Relinquished by: (Signature) Date ////1/22	1337 Received by: (Signature)	Date 11-17-2		33 -	7	Rece	ived on i	ice:		b Use / N	Only			
Relindushed by: (Signaroje) Wullelik Gran U-17-22	(20 Received by: (Signature)	Date 11/18/2		1e 0:3		<u>T1</u>			ب <u>12</u>			<u>.</u>		
Relinquished by: (Signature) Date Tim	ne Received by: (Signature)	Date	Tim	1e		state they fi	Temp °C		2 <b>6</b> - 12 - 1 - 1				n an	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other		Container T			5, <b>p</b> - po	ly/pla	astic, ag -	ambe	r glass			<u></u>		т.н. 1997) 19
Note: Samples are discarded 30 days after results are reported	unless other arrangements are made. Hazardous sam	ples will be r	eturned	to clie	ent or d	ispose	d of at the	client	expen	ise. Th	e repo	rt for the a	nalysis of th	e above
samples is applicable only to those samples received by the labo	oratory with this COC. The liability of the laboratory is li	mited to the	e amour	nt paid ·	tor on t	the rep	port.							
						3		-		_ •				
				1	E	5	e					<b>O</b> 1		ch
	Page 32	of 33					-			-	-			
	0													

### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Pima Environmental Services-Carlsbad	Date Received:	11/18/22 06	:30	Work	Order ID:	E211107
Phone:	(575) 631-6977	Date Logged In:	11/17/22 15	:08	Logg	ed In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	11/18/22 17	2:00 (0 day TAT)			
<u>Chain o</u>	f Custody (COC)						
	the sample ID match the COC?		Yes				
2. Does	the number of samples per sampling site location mate	ch the COC	Yes				
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was th	he COC complete, i.e., signatures, dates/times, request	ted analyses?	Yes				
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		Yes			<u>Comment</u>	ts/Resolution
<u>Sample</u>	<u>Turn Around Time (TAT)</u>						
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Beetle .	Juice 19	Fed 3 has been
Sample	<u>Cooler</u>				separated into 8	8 reports	
7. Was a	sample cooler received?		Yes		E211103/E211	104/E21	1105/E211106/E211
8. If yes,	, was cooler received in good condition?		Yes				E211110. COC
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes				
10. Were	e custody/security seals present?		No			vinte out	on time sampled
11. If ye	s, were custody/security seals intact?		NA		by client.		
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling		Yes				
13. If no	visible ice, record the temperature. Actual sample	temperature: 4°	С				
	<u>Container</u>	· _					
	aqueous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
17. Was	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers?		Yes				
19. Is the	appropriate volume/weight or number of sample contain	ers collected?	Yes				
Field La	ıbel						
20. Were	e field sample labels filled out with the minimum info	rmation:					
	Sample ID?		Yes				
	Date/Time Collected?		Yes		1		
	Collectors name?		No				
	Preservation_ s the COC or field labels indicate the samples were pro-	eserved?	No				
	sample(s) correctly preserved?	501 VCU ?	No NA				
	b filteration required and/or requested for dissolved m	etals?	NA No				
		••••10;	INU				
	ase Sample Matrix	ວາ	N				
	s the sample have more than one phase, i.e., multiphas a deap the COC specify which $phase(s)$ is to be apply		No				
-	s, does the COC specify which phase(s) is to be analy	zeu?	NA				
	tract Laboratory	9	NT				
	samples required to get sent to a subcontract laborator	•	No				
00 117	a subcontract laboratory specified by the client and if		NA S	Subcontract Lab			

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.

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5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

## Pima Environmental Services-Carlsbad

Project Name:

Beetle Juice 19 Fed 3

Work Order: E211110

Job Number: 01058-0007

Received: 11/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/21/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 11/21/22

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Beetle Juice 19 Fed 3 Workorder: E211110 Date Received: 11/18/2022 6:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/18/2022 6:30:00AM, under the Project Name: Beetle Juice 19 Fed 3.

The analytical test results summarized in this report with the Project Name: Beetle Juice 19 Fed 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

**Raina Schwanz** 

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



Released to Imaging: 6/9/2025 4:37:01 PM

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### Sample Summarv

		Sample Sum	mary		
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	Beetle Juice 19 Fee 01058-0007 Tom Bynum	d 3	<b>Reported:</b> 11/21/22 12:55
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS109	E211110-01A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
CS110	E211110-02A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
CS111	E211110-03A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
CS112	E211110-04A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
CS113	E211110-05A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
CS114	E211110-06A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
CS115	E211110-07A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
CS116	E211110-08A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
CS117	E211110-09A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
CS118	E211110-10A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
CS119	E211110-11A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
CS120	E211110-12A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
CS121	E211110-13A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
CS122	E211110-14A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
CS123	E211110-15A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S124	E211110-16A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.



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Pima Environmental Services-Carlsbad	Project Name	: Bee	tle Juice 19 F	ed 3		
PO Box 247	Project Numb	oer: 010:	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum			11/21/2022 12:55:39PN
		CS109				
		E211110-01				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2247106
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	ND	0.0250	1	11/18/22	11/20/22	
p-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2247106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.6 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2247110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/21/22	
Surrogate: n-Nonane		101 %	50-200	11/18/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: KL		Batch: 2247115
Chloride	ND	20.0	1	11/18/22	11/19/22	



	D	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name	: Beet	tle Juice 19 Fed 3			
PO Box 247	Project Numb	er: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 12:55:39PM
		CS110				
		E211110-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2247106
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	ND	0.0250	1	11/18/22	11/20/22	
p-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2247106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2247110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/21/22	
Surrogate: n-Nonane		99.4 %	50-200	11/18/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2247115
Chloride	ND	20.0	1	11/18/22	11/19/22	



	3	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	: Beet	le Juice 19 Fed 3			
PO Box 247	Project Numb	er: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 12:55:39PM
		CS111				
		E211110-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2247106
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	ND	0.0250	1	11/18/22	11/20/22	
p-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2247106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2247110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/21/22	
Surrogate: n-Nonane		105 %	50-200	11/18/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2247115
Chloride	ND	20.0	1	11/18/22	11/19/22	

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Pima Environmental Services-Carlsbad	Project Name:	: Beet	le Juice 19 Fed	3		
PO Box 247	Project Numb	er: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 12:55:39PM
		CS112				
		E211110-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2247106
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	ND	0.0250	1	11/18/22	11/20/22	
-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/20/22	
urrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2247106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2247110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/21/22	
urrogate: n-Nonane		104 %	50-200	11/18/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: KL		Batch: 2247115
Chloride	ND	20.0	1	11/18/22	11/19/22	



	3	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Bee	le Juice 19 Fed 3			
PO Box 247	Project Numb	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 12:55:39PM
		CS113				
		E211110-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2247106
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	ND	0.0250	1	11/18/22	11/20/22	
p-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2247106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: RAS		Batch: 2247110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/21/22	
Surrogate: n-Nonane		103 %	50-200	11/18/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2247115
Chloride	ND	20.0	1	11/18/22	11/19/22	



	3	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name	: Bee	le Juice 19 Fed 3			
PO Box 247	Project Numb	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 12:55:39PM
		CS114				
		E211110-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2247106
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	ND	0.0250	1	11/18/22	11/20/22	
p-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2247106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2247110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/21/22	
Surrogate: n-Nonane		102 %	50-200	11/18/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2247115
Chloride	ND	20.0	1	11/18/22	11/19/22	



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Pima Environmental Services-Carlsbad	Project Name:	: Bee	tle Juice 19 Fed	13		
PO Box 247	Project Numb	er: 010:	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum			11/21/2022 12:55:39PM
		CS115				
		E211110-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2247106
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	ND	0.0250	1	11/18/22	11/20/22	
p-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2247106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2247110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/21/22	
Surrogate: n-Nonane		100 %	50-200	11/18/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2247115
Chloride	ND	20.0	1	11/18/22	11/19/22	

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Pima Environmental Services-Carlsbad	Project Name:	Bee	tle Juice 19 Fed	3		
PO Box 247	Project Numb	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 12:55:39PM
		CS116				
		E211110-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247106
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	ND	0.0250	1	11/18/22	11/20/22	
o-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2247110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/21/22	
Surrogate: n-Nonane		103 %	50-200	11/18/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247115
Chloride	ND	20.0	1	11/18/22	11/19/22	



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Pima Environmental Services-Carlsbad	Project Name:	Bee	tle Juice 19 Fed	3		
PO Box 247	Project Numbe	er: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 12:55:39PM
		CS117				
		E211110-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247106
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	ND	0.0250	1	11/18/22	11/20/22	
o-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2247110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/21/22	
Surrogate: n-Nonane		97.3 %	50-200	11/18/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247115
Chloride	ND	20.0	1	11/18/22	11/19/22	



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Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Num		tle Juice 19 Fed 58-0007	3		Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum			11/21/2022 12:55:39PM
		CS118				
		E211110-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2247106
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	ND	0.0250	1	11/18/22	11/20/22	
p-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2247106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2247110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/21/22	
Surrogate: n-Nonane		98.2 %	50-200	11/18/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: KL		Batch: 2247115
Chloride	ND	20.0	1	11/18/22	11/19/22	



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Pima Environmental Services-Carlsbad PO Box 247	Project Nam Project Num		tle Juice 19 Fed : 58-0007	3		Reported:
Plains TX, 79355-0247	Project Mana		n Bynum			11/21/2022 12:55:39PM
		CS119				
		E211110-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2247106
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	ND	0.0250	1	11/18/22	11/20/22	
p-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2247106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.7 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2247110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/21/22	
Surrogate: n-Nonane		105 %	50-200	11/18/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2247115
Chloride	ND	20.0	1	11/18/22	11/19/22	


	R R	bample D	ala				
Pima Environmental Services-Carlsbad PO Box 247	Project Nam Project Num		tle Juice 19 58-0007	Fed 3			Reported:
Plains TX, 79355-0247	Project Mana		Bynum				11/21/2022 12:55:39PM
		CS120					
		E211110-12					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: ]	RKS		Batch: 2247106
Benzene	ND	0.0250	1		11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1		11/18/22	11/20/22	
Toluene	ND	0.0250	0.0250 1 11/		11/18/22	11/20/22	
p-Xylene	ND	0.0250	0.0250 1 1		11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1		11/18/22	11/20/22	
Fotal Xylenes	ND	0.0250	1		11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130		11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: ]	RKS		Batch: 2247106
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130		11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: ]	RAS		Batch: 2247110
Diesel Range Organics (C10-C28)	ND	25.0	1		11/18/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1		11/18/22	11/21/22	
Surrogate: n-Nonane		106 %	50-200		11/18/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: ]	KL		Batch: 2247115
Chloride	ND	20.0	1		11/18/22	11/19/22	



Sample	e Data
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	3	ample D	ลเล			
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numb		tle Juice 19 Fed 58-0007	3		Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 12:55:39PM
		CS121				
		E211110-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247106
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	ND	0.0250	1	11/18/22	11/20/22	
p-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2247106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2247110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/21/22	
urrogate: n-Nonane		105 %	50-200	11/18/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2247115
Chloride	ND	20.0	1	11/18/22	11/19/22	

	0	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numb		tle Juice 19 Fed : 58-0007	3		Reported:
Plains TX, 79355-0247	Project Mana		Bynum			11/21/2022 12:55:39PN
		CS122				
		E211110-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2247106
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	ND	0.0250	0.0250 1 11		11/20/22	
p-Xylene	ND	0.0250	50 1 11/18		11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2247106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.5 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2247110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/22	11/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/21/22	
Surrogate: n-Nonane		105 %	50-200	11/18/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2247115
Chloride	ND	20.0	1	11/18/22	11/19/22	



	3	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name	: Bee	tle Juice 19 Fed 3			
PO Box 247	Project Numb	oer: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 12:55:39PM
		CS123				
		E211110-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2247106
Benzene	ND	0.0250	1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/20/22	
Toluene	ND	0.0250	1	11/18/22	11/20/22	
p-Xylene	ND	0.0250	1	11/18/22	11/20/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/20/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/20/22	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2247106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.5 %	70-130	11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: RAS	Batch: 2247110	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/18/22	11/21/22	
Surrogate: n-Nonane		106 %	50-200	11/18/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2247115
Chloride	ND	20.0	1	11/18/22	11/19/22	



Pima Environmental Services-Carlsbad         Project Name:         Beetle Juice 19 Fed 3           PO Box 247         Project Number:         01058-0007         Repo           Plains TX, 79355-0247         Project Number:         01058-0007         Repo           CS124           E211110-16           Analyte         Reporting           Analyte         Result         Limit         Dilution         Prepared         Analyzed         Notes           Volatile Organics by EPA 8021B         mg/kg         mg/kg         Analyst: RKS         Batch: 224           Benzene         ND         0.0250         1         11/18/22         11/20/22           Ethylbenzene         ND         0.0250         1         11/18/22         11/20/22           Toluene         ND         0.0250         1         11/18/22         11/20/22           o-Xylene         ND         0.0250         1         11/18/22         11/20/22           Jourgate:         4.00 %         70-130         11/18/22         11/20/22           Surrogate:         4.10 %         70-130         11/18/22         11/20/22           Surrogate:         4.10 %         70-130         11/18/22	
Plains TX, 79355-0247         Project Manager:         Tom Bynum         11/21/2022           CS124           E211110-16           Result         Dilution         Prepared         Analyzed         Notes           Analyte         Result         Limit         Dilution         Prepared         Analyzed         Notes           Volatile Organics by EPA 8021B         mg/kg         mg/kg         Analyse         Result         Limit         Dilution         Prepared         Analyzed         Notes           Volatile Organics by EPA 8021B         mg/kg         mg/kg         Analyse         Maintes         Batch: 224           Benzene         ND         0.0250         1         11/18/22         11/20/22         Dilution         Prepared         No         Dilution         Prepared         No         Prepar	
E211110-16         Analyte       Resouth       Limit       Dilution       Prepared       Analyzed       Notes         Volatile Organics by EPA 8021B       mg/kg       mg/kg       Malyst: RKS       Batch: 224         Benzene       ND       0.0250       1       11/18/22       11/20/22         Ethylbenzene       ND       0.0250       1       11/18/22       11/20/22         Foluene       ND       0.0250       1       11/18/22       11/20/22         o-Xylene       ND       0.0250       1       11/18/22       11/20/22         o-MrXylene       ND       0.0250       1       11/18/22       11/20/22         Sourogate: 4-Bromochlorobenzene-PID       ND       0.0250       1       11/18/22       11/20/22         Nonhalogenated Organics by EPA 8015D - GRO       mg/kg       mg/kg       Analyst: RK       Batch: 224         Gasoline Range Organics (C6-C10)       ND       20.0       1       11/18/22       11/20/22         Surrogate: 1-Chloro-4-fluorobenzene-FID       96.9 %       70-130       11/18/22       11/20/22	
Reporting           Analyte         Result         Limit         Dilution         Prepared         Analyzed         Notes           Volatile Organics by EPA 8021B         mg/kg         mg/kg         Analyst: RKS         Batch: 224           Benzene         ND         0.0250         1         11/18/22         11/20/22           Ethylbenzene         ND         0.0250         1         11/18/22         11/20/22           Foluene         ND         0.0250         1         11/18/22         11/20/22           >-Xylene         ND         0.0250         1         11/18/22         11/20/22           >_m-Xylene         ND         0.0250         1         11/18/22         11/20/22           Surrogate: 4-Bromochlorobenzene-PID         ND         0.0250         1         11/18/22         11/20/22           Nonhalogenated Organics by EPA 8015D - GRO         mg/kg         mg/kg         Analyst: RKS         Batch: 224           Gasoline Range Organics (C6-C10)         ND         20.0         1         11/18/22         11/20/22           Surrogate: 1-Chloro-4-fluorobenzene-FID         96.9 %         70-130         11/18/22         11/20/22	
Analyte         Result         Limit         Dilution         Prepared         Analyzed         Notes           Volatile Organics by EPA 8021B         mg/kg         mg/kg         Mg/kg         Analyst: RKS         Batch: 224           Benzene         ND         0.0250         1         11/18/22         11/20/22	
Volatile Organics by EPA 8021B         mg/kg         mg/kg         Analyst: RKS         Batch: 224           Benzene         ND         0.0250         1         11/18/22         11/20/22           Ethylbenzene         ND         0.0250         1         11/18/22         11/20/22           Foluene         ND         0.0250         1         11/18/22         11/20/22           o-xylene         ND         0.0250         1         11/18/22         11/20/22           o-xylene         ND         0.0250         1         11/18/22         11/20/22           o-xylene         ND         0.0250         1         11/18/22         11/20/22           fotal Xylenes         ND         0.0250         1         11/18/22         11/20/22           Surrogate: 4-Bromochlorobenzene-PID         100 %         70-130         11/18/22         11/20/22           Nonhalogenated Organics by EPA 8015D - GRO         mg/kg         mg/kg         Analyst: RKS         Batch: 224           Gasoline Range Organics (C6-C10)         ND         20.0         1         11/18/22         11/20/22           Surrogate: 1-Chloro-4-fluorobenzene-FID         96.9 %         70-130         11/18/22         11/20/22	
ND         0.0250         1         11/18/22         11/20/22           Ethylbenzene         ND         0.0250         1         11/18/22         11/20/22           Foluene         ND         0.0250         1         11/18/22         11/20/22           Foluene         ND         0.0250         1         11/18/22         11/20/22           Foluene         ND         0.0250         1         11/18/22         11/20/22           p-Xylene         ND         0.0250         1         11/18/22         11/20/22           p,m-Xylene         ND         0.0500         1         11/18/22         11/20/22           Surrogate: 4-Bromochlorobenzene-PID         ND         0.0250         1         11/18/22         11/20/22           Nonhalogenated Organics by EPA 8015D - GRO         mg/kg         mg/kg         Analyst: RKS         Batch: 224           Gasoline Range Organics (C6-C10)         ND         20.0         1         11/18/22         11/20/22           Surrogate: 1-Chloro-4-fluorobenzene-FID         96.9 %         70-130         11/18/22         11/20/22	
Reference       ND       0.0250       1       11/18/22       11/20/22         Schultere       ND       0.0250       1       11/18/22       11/20/22         Foluene       ND       0.0250       1       11/18/22       11/20/22         In-Xylene       ND       0.0250       1       11/18/22       11/20/22         Fotal Xylenes       ND       0.0250       1       11/18/22       11/20/22         Nonhalogenated Organics by EPA 8015D - GRO       mg/kg       mg/kg       Analyst: RKS       Batch: 224         Gasoline Range Organics (C6-C10)       ND       20.0       1       11/18/22       11/20/22         Surrogate: 1-Chloro-4-fluorobenzene-FID       96.9 %       70-130       11/18/22       11/20/22	7106
ND       0.0250       1       11/18/22       11/20/22        Xylene       ND       0.0250       1       11/18/22       11/20/22         -ym-Xylene       ND       0.0500       1       11/18/22       11/20/22         omr-Xylene       ND       0.0500       1       11/18/22       11/20/22         Cotal Xylenes       ND       0.0250       1       11/18/22       11/20/22 <i>burrogate: 4-Bromochlorobenzene-PID</i> 100 %       70-130       11/18/22       11/20/22         Nonhalogenated Organics by EPA 8015D - GRO       mg/kg       mg/kg       Analyst: RKS       Batch: 224         Gasoline Range Organics (C6-C10)       ND       20.0       1       11/18/22       11/20/22 <i>burrogate: 1-Chloro-4-fluorobenzene-FID</i> 96.9 %       70-130       11/18/22       11/20/22	
Ind       0.0250       1       11/18/22       11/20/22         In-Xylene       ND       0.0250       1       11/18/22       11/20/22         In-Xylene       ND       0.0500       1       11/18/22       11/20/22         In-Xylene       ND       0.0250       1       11/18/22       11/20/22         Introgate: 4-Bromochlorobenzene-PID       100 %       70-130       11/18/22       11/20/22         Nonhalogenated Organics by EPA 8015D - GRO       mg/kg       mg/kg       Analyst: RKS       Batch: 224         Gasoline Range Organics (C6-C10)       ND       20.0       1       11/18/22       11/20/22         Introgate: 1-Chloro-4-fluorobenzene-FID       96.9 %       70-130       11/18/22       11/20/22	
ND     0.0200     1     11/18/22     11/20/22       iotal Xylenes     ND     0.0500     1     11/18/22     11/20/22       urrogate: 4-Bromochlorobenzene-PID     100 %     70-130     11/18/22     11/20/22       Konhalogenated Organics by EPA 8015D - GRO     mg/kg     mg/kg     Analyst: RKS     Batch: 224       Gasoline Range Organics (C6-C10)     ND     20.0     1     11/18/22     11/20/22       urrogate: 1-Chloro-4-fluorobenzene-FID     96.9 %     70-130     11/18/22     11/20/22	
ND       0.0000       1       11/18/22       11/20/22         urrogate: 4-Bromochlorobenzene-PID       100 %       70-130       11/18/22       11/20/22         Nonhalogenated Organics by EPA 8015D - GRO       mg/kg       mg/kg       Analyst: RKS       Batch: 224         Gasoline Range Organics (C6-C10)       ND       20.0       1       11/18/22       11/20/22         urrogate: 1-Chloro-4-fluorobenzene-FID       96.9 %       70-130       11/18/22       11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO         mg/kg         mg/kg         Analyst: RKS         Batch: 224           Basoline Range Organics (C6-C10)         ND         20.0         1         11/18/22         11/20/22           urrogate: 1-Chloro-4-fluorobenzene-FID         96.9 %         70-130         11/18/22         11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO         mg/kg         mg/kg         Analyst: RKS         Batch: 224           Gasoline Range Organics (C6-C10)         ND         20.0         1         11/18/22         11/20/22           hurrogate: 1-Chloro-4-fluorobenzene-FID         96.9 %         70-130         11/18/22         11/20/22	
Basoline Range Organics (C6-C10)         ND         20.0         1         11/18/22         11/20/22           furrogate: 1-Chloro-4-fluorobenzene-FID         96.9 %         70-130         11/18/22         11/20/22	
Surrogate:         1-Chloro-4-fluorobenzene-FID         96.9 %         70-130         11/18/22         11/20/22	7106
Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: RAS Batch: 224	
to an a set of guiltes by Elifeotobe bito/one of of the of	7110
Diesel Range Organics (C10-C28) ND 25.0 1 11/18/22 11/21/22	
Dil Range Organics (C28-C36)         ND         50.0         1         11/18/22         11/21/22	
Purrogate: n-Nonane 98.6 % 50-200 11/18/22 11/21/22	
Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: KL Batch: 224	7115
ND         20.0         1         11/18/22         11/19/22	



# **OC Summary Data**

		$\mathbf{x} \in \mathbb{R}$		ary Data					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	Beetle Juice 19 1058-0007 Jom Bynum	Fed 3				<b>Reported:</b> 11/21/2022 12:55:39PM
		Volatile O	rganics	by EPA 802	1B				Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2247106-BLK1)							Prepared: 1	1/18/22	Analyzed: 11/20/22
Benzene Ethylbenzene Toluene o-Xylene	ND ND ND ND	0.0250 0.0250 0.0250 0.0250							
p,m-Xylene Total Xylenes	ND ND	0.0500 0.0250							
Surrogate: 4-Bromochlorobenzene-PID LCS (2247106-BS1)	8.17		8.00		102	70-130	Prepared: 1	1/18/22	Analyzed: 11/20/22
Benzene	5.27	0.0250	5.00		105	70-130			
Ethylbenzene	5.14	0.0250	5.00		103	70-130			
Toluene	5.30	0.0250	5.00		106	70-130			
o-Xylene	5.25	0.0250	5.00		105	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.7	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130			
LCS Dup (2247106-BSD1)							Prepared: 1	1/18/22	Analyzed: 11/20/22
Benzene	5.27	0.0250	5.00		105	70-130	0.132	20	
Ethylbenzene	5.13	0.0250	5.00		103	70-130	0.122	20	
Toluene	5.30	0.0250	5.00		106	70-130	0.151	20	
o-Xylene	5.24	0.0250	5.00		105	70-130	0.103	20	
p,m-Xylene	10.4	0.0500	10.0		104	70-130	0.113	20	
Total Xylenes	15.6	0.0250	15.0		104	70-130	0.110	20	
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00		102	70-130			



# **QC Summary Data**

		QU N		ary Date					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Beetle Juice 19 01058-0007	Fed 3				Reported:
PO Box 247 Plains TX, 79355-0247		Project Manager:		Tom Bynum					11/21/2022 12:55:39PM
	No	onhalogenated C	Organics	by EPA 80	15D - GI	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247106-BLK1)							Prepared: 1	1/18/22	Analyzed: 11/20/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00		98.5	70-130			
LCS (2247106-BS2)							Prepared: 1	1/18/22	Analyzed: 11/20/22
Gasoline Range Organics (C6-C10)	48.2	20.0	50.0		96.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			
LCS Dup (2247106-BSD2)							Prepared: 1	1/18/22	Analyzed: 11/20/22
Gasoline Range Organics (C6-C10)	47.0	20.0	50.0		94.1	70-130	2.34	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.7	70-130			



# **QC Summary Data**

		QU D	umm	iary Dat					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Beetle Juice 19 01058-0007	Fed 3				<b>Reported:</b> 11/21/2022 12:55:39PM
Plains TX, 79355-0247		Project Manager:		Tom Bynum					11/21/2022 12:55:59PM
	Nonh	alogenated Org	anics b	y EPA 8015	D - DRO	/ORO			Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247110-BLK1)							Prepared: 1	1/18/22	Analyzed: 11/20/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.1		50.0		104	50-200			
LCS (2247110-BS1)							Prepared: 1	1/18/22	Analyzed: 11/20/22
Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132			
Surrogate: n-Nonane	50.7		50.0		101	50-200			
Matrix Spike (2247110-MS1)				Source:	E211110-(	06	Prepared: 1	1/18/22	Analyzed: 11/20/22
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	52.4		50.0		105	50-200			
Matrix Spike Dup (2247110-MSD1)				Source:	E211110-(	06	Prepared: 1	1/18/22	Analyzed: 11/21/22
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	38-132	0.988	20	
Surrogate: n-Nonane	48.7		50.0		97.4	50-200			



# **QC Summary Data**

		$\chi \sim \sim$		, <u> </u>						
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:	(	Beetle Juice 19 01058-0007	Fed 3				•	orted: 12:55:39PM
Plains TX, 79355-0247		Project Manager:		Tom Bynum					11/21/2022	12:55:59PM
		Anions l	by EPA	300.0/90564	4				Analyst	: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	1	Notes
Blank (2247115-BLK1)							Prepared: 1	1/18/22	Analyzed: 1	1/19/22
Chloride	ND	20.0								
LCS (2247115-BS1)							Prepared: 1	1/18/22	Analyzed: 1	1/19/22
Chloride	259	20.0	250		104	90-110				
Matrix Spike (2247115-MS1)				Source:	E211110-01	1	Prepared: 1	1/18/22	Analyzed: 1	1/19/22
Chloride	267	20.0	250	ND	107	80-120				
Matrix Spike Dup (2247115-MSD1)				Source:	E211110-01	1	Prepared: 1	1/18/22	Analyzed: 1	1/19/22
Chloride	265	20.0	250	ND	106	80-120	0.601	20		

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Pima Environmental Services-Carlsbad	Project Name:	Beetle Juice 19 Fed 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/21/22 12:55

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



	•
Project	Information
le	

Project Information	Chain of Custo	ody									Pa	age <u> </u>	5 <sub>of</sub> 16
Client: Dima Environmental Project: Beetle Juice 19 Fed 3 Project Manager: Tom Bynum Address: 56,14 N. lovington Husy City, State, ZipHobbs, NM. 88240 Phone: 580-748-1615	Bill To Attention: Address:		ab V E <b>2</b>	VO# \\\\\\		010	Numb	0007		TA D 3D	AT Standard	EPA Pr CWA	SDWA
Address: 5614 N. 10/ington they City, State, ZipHobbs, NM, 88240 Phone: 580-748-1615 Email: tom@ pimasil.com Report due by:	City, State, Zip Phone: Email: PN 1-147		DRO/ORO by 8015	(0 by 8015 8021	8260			Method		TCEQ 1005 TX-TPH	NM CO	State UT AZ	RCRA TX
Time Sampled         Date Sampled         Matrix         No. of Containers         Sample ID           1::50         11/11/100         0         1         0.00         100		Lab Imber	DRO/OR	GRO/DRO by BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM	TCEQ 10		Remarks	
1:55 1 1 1 CS 109		2	+		-			+	X 1				
12:00 CS/11		3											
205 05112	2												
12:10 CS 113 12:15 CS 114		2 0						_					
2:20 CS115													
2:25 CS/16	8												
2:30 CS117 2:35 CS118	<u> </u>												
Additional Instructions: Billing # 209	48131			1	<u> </u>								
(field sampler), attest to the validity and authenticity of this sample. I am av ate or time of collection is considered fraud and may be grounds for legal ac									above 0 bi		ived on ice the day the °C on subsequent day	15.	
telinguisfied by: (Signature) Date 1///1/22 telinguished by: (Signature) telinguished by: (S		- <u>1-2</u> 1/2/2	2	Time	/	Reco	eived	on ice:	<i>Q</i>	9 N	ly T2		
elinquished by: (Signature) Date Time	Received by: (Signature) Date			Time			i Temį		4				in dia amin'ny fisiana amin'ny fisiana amin'ny fisiana
ample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other lote: Samples are discarded 30 days after results are reported unle amples is applicable only to those samples received by the laborate	ess other arrangements are made. Hazardous samples	s will be	returr	ned to clie	ent or	dispos	ed of at			, v - VOA se. The re	port for the anal	ysis of the a	above
	Page 27 of 2	29			E	1	e	er	١V	/11	ot	e	ch

Reference information	Chain of Custody											Ρ	age <b>14</b>	of <u> </u>
Client: Pine Environmentel Project: Beetle Juice 19 Fed 3 Project Manager: Tom Bynum Address: Slely N. Ipvington Hurr	Bill To Attention: Address: City, State, Zip	Lab E	1 WO# 211		5	Job DIC	Numb	er 0007 d Metho	1D 🗙		TAT 3D	Standard	EPA P CWA	RCRA
Project Manager: Tom Bynum Address: SUU N. Iovington Huw City, State, Zip Hobos, NM, 88240 Phone: 580-748-1615 Email: tome pimaoil.com Report due by:	Phone: Email: DN 1-147	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM		TCEQ 1005 TX-TPH		State UT AZ	
Time Date Sampled Matrix Containers Sample ID	Lab Numbe	r D/O	GRO/D	BTEX E		Metals	Chloric		BGDO		TCEQ 1(		Remarks	
12:40 11/16/22 S CS 119									X					
12:45 / CS12D	12								1					
12:50 CS 121	13													
12:55 CS 122														
[:0] CS123	5													
$1:05 \perp \perp \perp CS124$	ما													
						-								
		1 												
Additional Instructions: Billing # 2094 I, (field sampler), attest to the validity and authenticity of this sample. I am av date or time of collection is considered fraud and may be grounds for legal ac	ware that tampering with or intentionally mislabelling the sample loc tion. <u>Sampled by:</u>	ation,							above 0	but less	than 6°C	d on ice the day the on subsequent day	• •	or received
Refinquicited by: (signature) Refinquished by: (signature) Refinquished by: (signature) With the second	37 Received by: (Signature) 37 Malile (1, ) 20 Received by: (Signature) 20 Received by: (Signature) 20 Received by: (Signature) 11/18	22	Time	337 :3	7 0	Rece T1	ved e	on <b>ice:</b>		ab Us アN	e Only	ТЗ		
Relinquished by: (Signature) Date Time	Received by: (Signature) Date		Time			AVG	Temp	<u>, °c_4</u>	<u></u>			•		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 30 days after results are reported unle samples is applicable only to those samples received by the laborate		oe retu	rned to	o clien	t or d	ispose	d of at					rt for the analy	vsis of the a	bove
	Page 28 of 29			(	E	3	e	er		<b>/</b> i	ir	ot	e	:h

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Pima Environmental Services-Carlsbad Da	te Received:	11/18/22 06	:30	Work Order ID: E211110
Phone:	(575) 631-6977 Da	te Logged In:	11/17/22 15	:14	Logged In By: Caitlin Christian
Email:	tom@pimaoil.com Du	ie Date:	11/18/22 17	:00 (0 day TAT)	
<u>Chain of</u>	Custody (COC)				
1. Does tl	he sample ID match the COC?		Yes		
2. Does the	he number of samples per sampling site location match	the COC	Yes		
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	Courier
4. Was the	e COC complete, i.e., signatures, dates/times, requested	analyses?	Yes		
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comments/Resolution
Sample T	<u>Furn Around Time (TAT)</u>				
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Beetle Juice 19 Fed 3 has been
Sample C	Cooler_				separated into 8 reports.
7. Was a	sample cooler received?		Yes		E211103/E211104/E211105/E211106/E211
8. If yes,	was cooler received in good condition?		Yes		107/E211108/E211109/E211110. COC
9. Was th	e sample(s) received intact, i.e., not broken?		Yes		received with white out on time sampled
10. Were	custody/security seals present?		No		<b>.</b>
11. If yes	, were custody/security seals intact?		NA		by client.
12. Was th	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re-		Yes		
13 Ifno	minutes of sampling visible ice, record the temperature. Actual sample tem	nnerature: 4º	C		
		nperature. <u>+</u>	<u>c</u>		
	<u>Container</u> queous VOC samples present?		No		
	/OC samples collected in VOA Vials?		NA		
	head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	on-VOC samples collected in the correct containers?		Yes		
	appropriate volume/weight or number of sample containers	collected?	Yes		
Field Lal					
	field sample labels filled out with the minimum inform	ation:			
S	ample ID?		Yes		
	Date/Time Collected?		Yes	I	
	Collectors name?		No		
	Preservation	muad?	N-		
	the COC or field labels indicate the samples were prese ample(s) correctly preserved?	aveu?	No NA		
	filteration required and/or requested for dissolved meta	ls?	NA No		
			INU		
	ase Sample Matrix		N		
	the sample nave more than one phase, i.e., multiphase?		No		
-		11	NA		
	ract Laboratory_ amples required to get sent to a subcontract laboratory?		NT-		
	amples required to get sent to a subcontract laboratory?		No		
	a subcontract laboratory specified by the client and if so			Subcontract Lab	

Signature of client authorizing changes to the COC or sample disposition.



•



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

# Pima Environmental Services-Carlsbad

Project Name:

Beetle Juice 19 Fed 3

Work Order: E211103

Job Number: 01058-0007

Received: 11/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/21/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 11/21/22

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Beetle Juice 19 Fed 3 Workorder: E211103 Date Received: 11/18/2022 6:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/18/2022 6:30:00AM, under the Project Name: Beetle Juice 19 Fed 3.

The analytical test results summarized in this report with the Project Name: Beetle Juice 19 Fed 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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#### Sample Summary

		Sample Summary								
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	s 247		Beetle Juice 19 Fec 01058-0007 Tom Bynum	13	<b>Reported:</b> 11/21/22 12:28					
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container					
SW1	E211103-01A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW2	E211103-02A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW3	E211103-03A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW4	E211103-04A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW5	E211103-05A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW6	E211103-06A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW7	E211103-07A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW8	E211103-08A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW9	E211103-09A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW10	E211103-10A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW11	E211103-11A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW12	E211103-12A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW13	E211103-13A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW14	E211103-14A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW15	E211103-15A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW16	E211103-16A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW17	E211103-17A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW18	E211103-18A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW19	E211103-19A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					
SW20	E211103-20A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.					



	~•	impic D				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 010:	tle Juice 19 F 58-0007 i Bynum	Sed 3		<b>Reported:</b> 11/21/2022 12:28:39PM
		CSW1				
		E211103-01				
		Reporting				
Analyte	Result	Limit	Dilut	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	nalyst: IY		Batch: 2247077
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		102 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: IY		Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		102 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2247075
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		105 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	.nalyst: KL		Batch: 2247094
Chloride	22.3	20.0	1	11/18/22	11/18/22	





	2	ample D	ata					
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3				
PO Box 247	Project Num		58-0007 D				<b>Reported:</b>	
Plains TX, 79355-0247	Project Mana	iger: Iom	Bynum				11/21/2022 12:28:39PM	
		CSW2						
		E211103-02						
		Reporting						
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2247077	
Benzene	ND	0.0250	1		11/17/22	11/18/22		
Ethylbenzene	ND	0.0250	1		11/17/22	11/18/22		
Toluene	ND	0.0250	1		11/17/22	11/18/22		
o-Xylene	ND	0.0250	1		11/17/22	11/18/22		
o,m-Xylene	ND	0.0500	1		11/17/22	11/18/22		
Fotal Xylenes	ND	0.0250	1		11/17/22	11/18/22		
Surrogate: Bromofluorobenzene		98.8 %	70-130		11/17/22	11/18/22		
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		11/17/22	11/18/22		
Surrogate: Toluene-d8		102 %	70-130		11/17/22	11/18/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2247077	
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/17/22	11/18/22		
Surrogate: Bromofluorobenzene		98.8 %	70-130		11/17/22	11/18/22		
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		11/17/22	11/18/22		
Surrogate: Toluene-d8		102 %	70-130		11/17/22	11/18/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2247075	
Diesel Range Organics (C10-C28)	ND	25.0	1		11/17/22	11/18/22		
Dil Range Organics (C28-C36)	ND	50.0	1		11/17/22	11/18/22		
Surrogate: n-Nonane		104 %	50-200		11/17/22	11/18/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL			Batch: 2247094	
Chloride	ND	20.0	1		11/18/22	11/18/22		



Received by OCD. 3/20/2023 4.19.12 F M						ruge 237
	·	Sample D	ata			
Pima Environmental Services-Carlsbad	Project Nam	ne: Bee	tle Juice 19 Fed	3		
PO Box 247	Project Nur	nber: 010	58-0007		Reported:	
Plains TX, 79355-0247	Project Man	ager: Tom	n Bynum		11/21/2022 12:28:39PM	
		CSW3				
		E211103-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2247077
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		101 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		101 %	70-130	11/17/22	11/18/22	

Surroguie. 1,2-Dichioroeinune-u+		91.9 /0	/0-150		11/1//22	11/10/22	
Surrogate: Toluene-d8		101 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2247075
Diesel Range Organics (C10-C28)	ND	25.0		1	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	50.0		1	11/17/22	11/18/22	
Surrogate: n-Nonane		109 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2247094
Chloride	21.0	20.0		1	11/18/22	11/18/22	



	r L	Sample D	ata				
Pima Environmental Services-Carlsbad	Project Nam		le Juice 19	Fed 3			
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Man	ager: Tom	Bynum				11/21/2022 12:28:39PM
		CSW4					
		E211103-04					
Analysis	Descrit	Reporting	Dile	<i>.</i> :	Duranad	A	NI-4
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2247077
Benzene	ND	0.0250	1	l	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	l	11/17/22	11/18/22	
Toluene	ND	0.0250	1	l	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	l	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	l	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	l	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.6 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		101 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.6 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		101 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2247075
Diesel Range Organics (C10-C28)	ND	25.0	1	l	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	l	11/17/22	11/18/22	
urrogate: n-Nonane		99.3 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: ŀ	KL		Batch: 2247094
Chloride	ND	20.0	1		11/18/22	11/18/22	



	C C	sample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Num Project Mana	ber: 0103	le Juice 19 58-0007 Bynum	Fed 3		<b>Reported:</b> 11/21/2022 12:28:39PM
		CSW5				
		E211103-05				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY		Batch: 2247077
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
°oluene	ND	0.0250	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		99.4 %	70-130	11/17/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		101 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		99.4 %	70-130	11/17/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		101 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2247075
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
urrogate: n-Nonane		102 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	ł	Analyst: KL		Batch: 2247094
Chloride	ND	20.0	1	11/18/22	11/18/22	



		sample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Nam Project Num Project Mana	ber: 0105	le Juice 19 F 58-0007 Bynum	ed 3		<b>Reported:</b> 11/21/2022 12:28:39PM
		CSW6				
		E211103-06				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2247077
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.2 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.2 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2247075
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Gurrogate: n-Nonane		105 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: KL		Batch: 2247094
Chloride	147	20.0	1	11/18/22	11/18/22	



Surrogate: Toluene-d8

<i>Received by OCD: 5/20/2025 4:19:12 PM</i>						Page 241 0
	Sa	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Beet	tle Juice 19 Fed 3			
PO Box 247	Project Numbe	er: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	er: Tom	n Bynum			11/21/2022 12:28:39PM
		CSW7				
		E211103-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst	: IY		Batch: 2247077
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		99.3 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	11/17/22	11/18/22	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analys	st: IY		Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		99.3 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		103 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analys	st: RAS		Batch: 2247075
Diesel Range Organics (C10-C28)	ND	25.0		1	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	50.0		1	11/17/22	11/18/22	
Surrogate: n-Nonane		102 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analys	st: KL		Batch: 2247094
Chloride	106	20.0		1	11/18/22	11/18/22	

103 %

70-130

11/17/22

11/18/22

	G	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Num Project Mana	ber: 0103	le Juice 19 58-0007 Bynum	Fed 3		<b>Reported:</b> 11/21/2022 12:28:39PM
Fiallis 1.A., 75555-0247	Floject Malla	iger. Tom	Bynun			11/21/2022 12:28:391 W
		CSW8				
		E211103-08				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY		Batch: 2247077
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.8 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		99.4 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY		Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.8 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.4 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: RAS		Batch: 2247075
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
urrogate: n-Nonane		102 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL		Batch: 2247094
Chloride	ND	20.0	1	11/18/22	11/18/22	



	2	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Num Project Mana	ber: 0103	le Juice 19 I 58-0007 Bynum	Fed 3		<b>Reported:</b> 11/21/2022 12:28:39PM
		CSW9				
		E211103-09				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2247077
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
oluene	ND	0.0250	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		95.8 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		96.9 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	nalyst: IY		Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		95.8 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		96.9 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2247075
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		105 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: KL		Batch: 2247094
Chloride	ND	20.0	1	11/18/22	11/18/22	



	b	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name		le Juice 19 F	ed 3		
PO Box 247	Project Numl	ber: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Mana	iger: Tom	Bynum			11/21/2022 12:28:39PM
		CSW10				
		E211103-10				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2247077
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.7 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.7 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2247075
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		103 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: KL		Batch: 2247094
Chloride	ND	20.0	1	11/18/22	11/18/22	



Sample	Data
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	3	ample D	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numl Project Mana	ber: 0105	le Juice 19 F 58-0007 Bynum	Sed 3		<b>Reported:</b> 11/21/2022 12:28:39PM
		CSW11				
		E211103-11				
Analyte	Result	Reporting Limit	Dilut	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	.nalyst: IY		Batch: 2247077
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
oluene	ND	0.0250	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		97.5 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: IY		Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		97.5 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2247075
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Gurrogate: n-Nonane		104 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: KL		Batch: 2247094
Chloride	ND	20.0	1	11/18/22	11/18/22	



Sample Data
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		Sample D	ata			
Pima Environmental Services-Carlsbad	Project Nam		le Juice 19	Fed 3		
PO Box 247	5	Project Number: 01058-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum			11/21/2022 12:28:39PM
		CSW12				
		E211103-12				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY		Batch: 2247077
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		96.2 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		98.5 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		96.2 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		98.5 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: RAS		Batch: 2247075
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
urrogate: n-Nonane		106 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: KL		Batch: 2247094
Chloride	20.8	20.0	1	11/18/22	11/18/22	



Sample Data	Samp	ole Data	
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	2	ample D	ลเล			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numl Project Mana	ber: 0103	le Juice 19 H 58-0007 Bynum	Fed 3		<b>Reported:</b> 11/21/2022 12:28:39PM
		CSW13				
		E211103-13				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2247077
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
oluene	ND	0.0250	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.6 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	nalyst: IY		Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.6 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2247075
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		104 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: KL		Batch: 2247094
Chloride	113	20.0	1	11/18/22	11/18/22	



Sam	ple I	Data

	2	Sample D	ata				
Pima Environmental Services-Carlsbad	Project Nam		le Juice 19	Fed 3			
PO Box 247	Project Num		01058-0007				Reported:
Plains TX, 79355-0247	Project Mana	oject Manager: Tom Bynum				11/21/2022 12:28:39PM	
		CSW14					
		E211103-14					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: Г	Y		Batch: 2247077
Benzene	ND	0.0250	1	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	1	11/17/22	11/18/22	
oluene	ND	0.0250	1	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		96.7 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		98.7 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		96.7 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		98.7 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: R	AS		Batch: 2247075
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	11/17/22	11/18/22	
Surrogate: n-Nonane		105 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: K	L		Batch: 2247094
Chloride	22.4	20.0	1	1	11/18/22	11/18/22	



Sam	ple I	Data

	D	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name		le Juice 19 l			
PO Box 247	Project Num		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	iger: Tom	Bynum			11/21/2022 12:28:39PM
		CSW15				
		E211103-15				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2247077
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		98.9 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		98.9 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: RAS			Batch: 2247075
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		107 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2247094
Chloride	ND	20.0	1	11/18/22	11/18/22	



Sample Data
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		sample D	ata			
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Num		le Juice 19 I 58-0007	Reported:		
Plains TX, 79355-0247	Project Mana	Manager: Tom Bynum				11/21/2022 12:28:39PM
		CSW16				
		E211103-16				
		Reporting				
Analyte	Result	Limit	Dilut	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	.nalyst: IY		Batch: 2247077
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
oluene	ND	0.0250	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.8 %	70-130	11/17/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		102 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	.nalyst: IY		Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.8 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		102 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	nalyst: RAS		Batch: 2247075
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		84.3 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	.nalyst: KL		Batch: 2247094
Chloride	ND	20.0	1	11/18/22	11/18/22	



Sampl	e Data
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	R.	sample D	ala				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Num Project Mana	ber: 0105	le Juice 19 58-0007 Bynum	Fed 3			<b>Reported:</b> 11/21/2022 12:28:39PM
		CSW17					
		E211103-17					
Analyte	Result	Reporting Limit	Dilu	tion Pre	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247077
Benzene	ND	0.0250	1	11/2	17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/	17/22	11/18/22	
oluene	ND	0.0250	1	11/	17/22	11/18/22	
-Xylene	ND	0.0250	1	11/	17/22	11/18/22	
,m-Xylene	ND	0.0500	1	11/	17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/	17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.2 %	70-130	11/.	17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	11/.	17/22	11/18/22	
Surrogate: Toluene-d8		99.7 %	70-130	11/.	17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/	17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.2 %	70-130	11/.	17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		<i>98.3</i> %	70-130	11/.	17/22	11/18/22	
Surrogate: Toluene-d8		99.7 %	70-130	11/.	17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: RAS			Batch: 2247075	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/	17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/	17/22	11/18/22	
Gurrogate: n-Nonane		82.3 %	50-200	11/.	17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2247094
Chloride	ND	20.0	1	11/	18/22	11/18/22	



Sample Data	

	5	ample D	ala				
Pima Environmental Services-Carlsbad	Project Name						
PO Box 247	Project Numb						Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom					11/21/2022 12:28:39PM
		CSW18					
		E211103-18					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2247077
Benzene	ND	0.0250		1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250		1	11/17/22	11/18/22	
Toluene	ND	0.0250		1	11/17/22	11/18/22	
p-Xylene	ND	0.0250		1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500		1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250		1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.1 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		99.9 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.1 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		99.9 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	/kg Analyst: RAS			Batch: 2247075	
Diesel Range Organics (C10-C28)	ND	25.0		1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0		1	11/17/22	11/18/22	
Surrogate: n-Nonane		83.5 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2247094
Chloride	30.6	20.0		1	11/18/22	11/18/22	


Sam	ple I	Data

	D	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name		le Juice 19 l	Fed 3		
PO Box 247	Project Numl		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	iger: Tom	Bynum			11/21/2022 12:28:39PM
		CSW19				
		E211103-19				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepare	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2247077
Benzene	ND	0.0250	1	11/17/22	2 11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	2 11/18/22	
Toluene	ND	0.0250	1	11/17/22	2 11/18/22	
-Xylene	ND	0.0250	1	11/17/22	2 11/18/22	
,m-Xylene	ND	0.0500	1	11/17/22	2 11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	2 11/18/22	
Surrogate: Bromofluorobenzene		98.6 %	70-130	11/17/2.	2 11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	11/17/2.	2 11/18/22	
Surrogate: Toluene-d8		102 %	70-130	11/17/2.	2 11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	2 11/18/22	
Surrogate: Bromofluorobenzene		98.6 %	70-130	11/17/2.	2 11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	11/17/2.	2 11/18/22	
urrogate: Toluene-d8		102 %	70-130	11/17/2.	2 11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ŀ	Analyst: RAS		Batch: 2247075
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	2 11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	2 11/18/22	
Surrogate: n-Nonane		79.7 %	50-200	11/17/2.	2 11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2247094
Chloride	ND	20.0	1	11/18/22	2 11/18/22	



Sample Data
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	5	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	oer: 0105	le Juice 19 1 58-0007 Bynum	Fed 3		<b>Reported:</b> 11/21/2022 12:28:39PM
		CSW20				
		E211103-20				
	D li	Reporting	Dil	·		
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY		Batch: 2247077
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1		11/18/22	
o,m-Xylene	ND	0.0500	1		11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.2 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		101 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2247077
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.2 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		101 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: RAS		Batch: 2247075
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
urrogate: n-Nonane		83.1 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: KL		Batch: 2247094
Chloride	ND	20.0	1	11/18/22	11/18/22	



# QC Summary Data

Pima Environmental Services-Carlsbad		Project Name:		eetle Juice 19	Fed 3				Reported:
PO Box 247		Project Number:		058-0007					
Plains TX, 79355-0247		Project Manager:	To	om Bynum				11/	21/2022 12:28:39PM
	V	Volatile Organic	Compo	unds by EP	PA 82601	3			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247077-BLK1)						I	Prepared: 11	1/17/22 Ana	lyzed: 11/18/22
Benzene	ND	0.0250							-
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			
LCS (2247077-BS1)						F	Prepared: 11	1/17/22 Ana	lyzed: 11/21/22
Benzene	2.31	0.0250	2.50		92.6	70-130			
Ethylbenzene	2.38	0.0250	2.50		95.1	70-130			
Toluene	2.32	0.0250	2.50		92.9	70-130			
o-Xylene	2.26	0.0250	2.50		90.2	70-130			
p,m-Xylene	4.49	0.0500	5.00		89.7	70-130			
Total Xylenes	6.74	0.0250	7.50		89.9	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			
LCS Dup (2247077-BSD1)						F	Prepared: 1	1/17/22 Ana	lyzed: 11/21/22
Benzene	2.34	0.0250	2.50		93.4	70-130	0.903	23	
Ethylbenzene	2.42	0.0250	2.50		96.8	70-130	1.86	27	
Toluene	2.38	0.0250	2.50		95.2	70-130	2.40	24	
p-Xylene	2.29	0.0250	2.50		91.5	70-130	1.45	27	
p,m-Xylene	4.56	0.0500	5.00		91.1	70-130	1.50	27	
Total Xylenes	6.84	0.0250	7.50		91.2	70-130	1.49	27	
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

## **QC Summary Data**

		QU DI		ary Dau	•				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:		Beetle Juice 19 1 01058-0007 Tom Bynum			<b>Reported:</b> 11/21/2022 12:28:39PM		
	No	onhalogenated O	rganic	s by EPA 801	15D - G	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	6 6	6 6	00			,,,	,,,	,,,	
Blank (2247077-BLK1)							Prepared: 1	1/17/22 A	nalyzed: 11/18/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			
LCS (2247077-BS2)							Prepared: 1	1/17/22 A	nalyzed: 11/18/22
Gasoline Range Organics (C6-C10)	52.5	20.0	50.0		105	70-130			
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			
LCS Dup (2247077-BSD2)							Prepared: 1	1/17/22 A	nalyzed: 11/18/22
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0		99.7	70-130	5.19	20	
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			



#### **QC Summary Data**

		QC DI		ary Date	u									
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name:Beetle Juice 19 Fed 3Project Number:01058-0007Project Manager:Tom Bynum							<b>Reported:</b>					
1 Mile 11, 7700 0217	Nonh	alogenated Orga		2	) - DRO/	ORO			Analyst: RAS					
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes					
Blank (2247075-BLK1)							Prepared: 1	1/17/22	Analyzed: 11/18/22					
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0												
Surrogate: n-Nonane	43.2		50.0		86.3	50-200								
LCS (2247075-BS1)							Prepared: 1	1/17/22	Analyzed: 11/18/22					
Diesel Range Organics (C10-C28)	216	25.0	250		86.3	38-132								
Surrogate: n-Nonane	42.5		50.0		85.1	50-200								
Matrix Spike (2247075-MS1)				Source:	E211103-18	8	Prepared: 1	1/17/22	Analyzed: 11/18/22					
Diesel Range Organics (C10-C28)	219	25.0	250	ND	87.7	38-132								
Surrogate: n-Nonane	41.8		50.0		83.5	50-200								
Matrix Spike Dup (2247075-MSD1)				Source:	E211103-18	8	Prepared: 1	1/17/22	Analyzed: 11/18/22					
Diesel Range Organics (C10-C28)	208	25.0	250	ND	83.0	38-132	5.48	20						
Surrogate: n-Nonane	42.4		50.0		84.7	50-200								



# **QC Summary Data**

		-		v									
Pima Environmental Services-Carlsbad		Project Name:		Beetle Juice 19	Fed 3				Reported:				
PO Box 247	Project Number: 01058-0007 Project Manager: Tom Bynum												
Plains TX, 79355-0247		Project Manager:		11/21/2022 12:28:39PM									
		Anions l	by EPA	<b>300.0/9056</b> A	Analyst: KL								
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit					
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes				
Blank (2247094-BLK1)							Prepared: 1	1/18/22 A	nalyzed: 11/18/22				
Chloride	ND	20.0											
LCS (2247094-BS1)							Prepared: 1	1/18/22 A	nalyzed: 11/18/22				
Chloride	246	20.0	250		98.3	90-110							
LCS Dup (2247094-BSD1)							Prepared: 1	1/18/22 A	nalyzed: 11/18/22				
Chloride	250	20.0	250		100	90-110	1.86	20					

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Pima Environmental Services-Carlsbad	Project Name:	Beetle Juice 19 Fed 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/21/22 12:28

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page 259 of 422

ient: Pina Environmental	Bill To						se Or					TA			Program
oject: Beetle Juice 19 Fed 3	Attention: Devon		Lab	WO#	+ ~ 2		Job	Num	ber -0007	1D		3D	Standard	CWA	SDWA
dress 5614 N lovington Hwy	Address: City, State, Zip		EZ	2111	03				nd Metho						RCRA
ty, State, Zip Hobbs, NM, B824D	Phone:									1	1			1	nen
ty, State, Zip Hobbs, NM, 88240	Email:		015	015				1				т		State	1000
nail: Tom @ pimaoil.Com eport due by:	Project # 1-147		0 by 8	0 by 8	3021	260	010	300.0		MN		TX-TP	NM C	D UT AZ	TX
Time Date Sampled Matrix No. of Sample ID		Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	(end	BGDOC - NM		TCEQ 1005 TX-TPH		Remarks	
		Number	DR	GR	BTE	02	Me	CHI		BGI		TCE		Kennarka	2
2:00 11/16/22 S 1 CSW/		1								X					
2:05 CSW2		2								1	21				
2:10 CSW3		3	-												
2:15 CSW4		4								T					
2:20 0565		5								1					
2:25 CSW6		6								1					
2:30 CSW7		7								1					
2:35 CSWB		8													
2:40 CSW 9		9								1					
2.45 CSWID		10								$\dagger$					
dditional Instructions: Rilling#2	DAIIRIZI									14		1			
field sampler), attest to the validity and authenticity of this sample. I am aw	DIHOISI are that tampering with or intentionally mislabelling th	ne sample locat	ion.	-			Sample	s requiri	ing thermal	oreservat	ion mus	t be recei	ved on ice the day	they are sampled	d or received
field sampler), attest to the validity and authenticity of this sample. I am aw te or time of collection is considered fraud and may be grounds for legal act							packed	in ice at	an avg tem	o above (	) but les	s than 6	°C on subsequent	days.	
inquished by: (Signature) Date/17/22 133	7 Received by: (Signature)	Date 11-17-	22	Time ,	337	7	Rece	eived	on ice:		ab U	se Onl	y		
Inquished by (Schottera)	20 Received by: (Stepature)	Date /1/180	1	Time	:3	0	Т1			T2			Т3		
linquished by: (Signature) Date Time	Received by: (Signature)	Date	00	Time				-		12	-		_ 15		
mple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other		Container	Type	. g - p	lass	_	_		p°C_	1	55. V -	VOA			
ote: Samples are discarded 30 days after results are reported unles		amples will be	e retur	rned to	o clien	t or d	lispose	ed of a					port for the an	alysis of the a	above
mples is applicable only to those samples received by the laborate	ry with this COC. The liability of the laboratory	is limited to t	he am	ount	paid fo	or on	the re	port.	-	_	_		1.1.1.1.1.1.1		_

Release

Page <u>2</u> of <u>16 Receiv</u>

Client: P	ima Envi	ironn	nenta	1	and the second se			Bill To			(arta			e On	ly 🚲	e kan di ka	14		TÆ	AT		EPA P	rogram
Project:	ima Envi Beetle Ju	uce l	9 Fed	3		Atten				Lab	WOŧ	03				ber			3D	Star	ndard	CWA	SDWA
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Address:	te, Zip Hol		NIGH			Phon	State, Zip		·	<u> </u>			-	Analy	isis a	nd Meth	nod						RCRA
Phone Child	580-149	2-11-13		<u> </u>		Email				<u>م</u>	5									144		State	L
	DAPPIN					2				801	by 8015	_	_		9				E		IMI CO I	UT AZ	
Report d	ue by:					Proj	ect # 1-1	147		R0 b	ROby	y 802	8260	6010	le 300				S S		X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	)	_			Lab Number	DRO/ORO by 8015	GRO/DRO	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		MN - JUUS		TCEQ 1005 TX-TPH			Remarks	
12:5D	11/16/22	S	1	CSW	11				11								X						
12:55		1	1	CSW	12				12								I						
1/:0D				CSW					13								Π						
1/:05				CSW	1				14														
1:1D				CSW					15														
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Addition	al Instruction	ns:	6	lling	# 1	nai	18131																
I, (field samp	pler), attest to the	validity and	authenticity	of this sample.	I am aware	e that tam	<b>10101</b> opering with or inten	ntionally mislabelling d by: <b>Scoff 4</b>	the sample locat	ion,											the day they sequent days	y are sampled	or received
Polinguid	ed by: (Signatur	<u>a</u>	Date		Time 1337		sample Received by: (Sign MMMMY		Date 11-17-		Time	27	,		Pielo Ko			Lab U	se On	lyadaa			
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Comple Mart	rius C Call Call C-	did Ce Chi	dao A Arri						Container	Tune		dace				np °C	hor r'				N V SANAS		
	rix: S - Soil, Sd - So ples are discardo					- other arr	angements are m	nade. Hazardous	Container								_			port for	the analy	sis of the a	bove
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								Page	32 of 33														

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

lient:	Pima Environmental Services-Carlsbad	Date Received:	11/18/22 06:	30	Work Order ID:	E211103
Phone:	(575) 631-6977	Date Logged In:	11/17/22 14:	54	Logged In By:	Caitlin Christian
Email:		Due Date:	11/18/22 17:	00 (0 day TAT)		
Chain o	<u>f Custody (COC)</u>					
	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location mate	h the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	ourier	
4. Was the	he COC complete, i.e., signatures, dates/times, request	ed analyses?	Yes			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		Yes		Comme	nts/Resolution
Sample	<u>Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Beetle Juice 19	Fed 3 has been
Sample	<u>Cooler</u>				separated into 8 report	8.
	sample cooler received?		Yes		E211103/E211104/E21	
8. If yes	, was cooler received in good condition?		Yes		107/E211108/E211109	
9. Was th	he sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No		received with white ou	t on time sampled
11. If ye	s, were custody/security seals intact?		NA		by client.	
	he sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling		Yes			
13 If no	visible ice, record the temperature. Actual sample t	emperature: 4°	rC.			
	Container	<u> </u>	<u> </u>			
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample contained	ers collected?	Yes			
Field La						
	e field sample labels filled out with the minimum infor	mation:				
:	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		No			
-	Preservation	10	<b>.</b>			
	s the COC or field labels indicate the samples were pro	eserved?	No			
	sample(s) correctly preserved?	ata1a9	NA			
	o filteration required and/or requested for dissolved me	etals?	No			
	ase Sample Matrix	_				
26 Does	s the sample have more than one phase, i.e., multiphas		No			
	s, does the COC specify which phase(s) is to be analyzed	zed?	NA			
27. If ye	ract Laboratory					
27. If ye	ract Laboratory_ samples required to get sent to a subcontract laborator	y?	No			

C

Date

Signature of client authorizing changes to the COC or sample disposition.



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

# Pima Environmental Services-Carlsbad

Project Name:

Beetle Juice 19 Fed 3

Work Order: E211106

Job Number: 01058-0007

Received: 11/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/21/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 11/21/22

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Beetle Juice 19 Fed 3 Workorder: E211106 Date Received: 11/18/2022 6:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/18/2022 6:30:00AM, under the Project Name: Beetle Juice 19 Fed 3.

The analytical test results summarized in this report with the Project Name: Beetle Juice 19 Fed 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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#### Sample Summary

		Sample Summary						
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	Beetle Juice 19 Fee 01058-0007 Tom Bynum	13	<b>Reported:</b> 11/21/22 15:07			
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container			
S29	E211106-01A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
S30	E211106-02A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
S31	E211106-03A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
\$32	E211106-04A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
533	E211106-05A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
\$34	E211106-06A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
\$35	E211106-07A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
536	E211106-08A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
\$37	E211106-09A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
S38	E211106-10A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
S39	E211106-11A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
S40	E211106-12A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
S41	E211106-13A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
S42	E211106-14A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
S43	E211106-15A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
S44	E211106-16A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
\$45	E211106-17A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
546	E211106-18A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
S47	E211106-19A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			
548	E211106-20A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.			



		ampie D				
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe		le Juice 19 Fe 58-0007	d 3		Reported:
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum		11/21/2022 3:07:55PM	
		CS29				
		E211106-01				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	alyst: IY		Batch: 2247080
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.4 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.4 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		102 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2247099
Chloride	ND	20.0	1	11/18/22	11/18/22	

	R N	sample D	ala				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Nam Project Num Project Man	ber: 0103	le Juice 19 58-0007 Bynum	Fed 3			<b>Reported:</b> 11/21/2022 3:07:55PM
	1 Toject Wiana	-	Dynum				11/21/2022 5.07.551101
		CS30					
		E211106-02					
		Reporting					
Analyte	Result	Limit	Dilut	tion Prep	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2247080
Benzene	ND	0.0250	1	11/1	7/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/1	7/22	11/18/22	
Toluene	ND	0.0250	1	11/1	7/22	11/18/22	
p-Xylene	ND	0.0250	1	11/1	7/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/1	7/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/1	7/22	11/18/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130	11/1	7/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	11/1	7/22	11/18/22	
Surrogate: Toluene-d8		101 %	70-130	11/1	7/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/1	7/22	11/18/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130	11/1	7/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	11/1	7/22	11/18/22	
Surrogate: Toluene-d8		101 %	70-130	11/1	7/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: RAS			Batch: 2247084	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/1	7/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/1	7/22	11/18/22	
Surrogate: n-Nonane		100 %	50-200	11/1	7/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL			Batch: 2247099
Chloride	ND	20.0	1	11/1	8/22	11/18/22	



	56	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:		le Juice 19	Fed 3		
PO Box 247	Project Numbe		58-0007		Reported:	
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum			11/21/2022 3:07:55PM
		CS31				
		E211106-03				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prepare	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY		Batch: 2247080
Benzene	ND	0.0250	1	11/17/2	2 11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/2	2 11/18/22	
Toluene	ND	0.0250	1	11/17/2	2 11/18/22	
-Xylene	ND	0.0250	1	11/17/2	2 11/18/22	
,m-Xylene	ND	0.0500	1	11/17/2	2 11/18/22	
Total Xylenes	ND	0.0250	1	11/17/2	2 11/18/22	
urrogate: Bromofluorobenzene		98.8 %	70-130	11/17/2	2 11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	11/17/2	2 11/18/22	
urrogate: Toluene-d8		101 %	70-130	11/17/2	2 11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/2	2 11/18/22	
urrogate: Bromofluorobenzene		98.8 %	70-130	11/17/2	2 11/18/22	
urrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	11/17/2	2 11/18/22	
urrogate: Toluene-d8		101 %	70-130	11/17/2	2 11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: RAS			Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/2	2 11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/2	2 11/18/22	
urrogate: n-Nonane		104 %	50-200	11/17/2	2 11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL		Batch: 2247099
Chloride	ND	20.0	1	11/18/2	2 11/18/22	



	D.	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3		D (1	
PO Box 247	Project Numb		58-0007 D				<b>Reported:</b>
Plains TX, 79355-0247	Project Manag	ger: Iom	Bynum				11/21/2022 3:07:55PM
		CS32					
		E211106-04					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2247080
Benzene	ND	0.0250	1	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	1	11/17/22	11/18/22	
otal Xylenes	ND	0.0250	1	1	11/17/22	11/18/22	
urrogate: Bromofluorobenzene		97.8 %	70-130		11/17/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		102 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/17/22	11/18/22	
urrogate: Bromofluorobenzene		97.8 %	70-130		11/17/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		102 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	kg Analyst: RAS			Batch: 2247084	
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	11/17/22	11/18/22	
urrogate: n-Nonane		101 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	KL		Batch: 2247099
Chloride	ND	20.0	1	1	11/18/22	11/18/22	



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Pima Environmental Services-Carlsbad	Project Name:		le Juice 19	Fed 3				
PO Box 247	Project Numbe		8-0007		Reported:			
Plains TX, 79355-0247	Project Manage	er: Tom	Bynum				11/21/2022 3:07:55PM	
		CS33						
	]	E211106-05						
		Reporting						
Analyte	Result	Limit	Dilu	tion I	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247080	
Benzene	ND	0.0250	1	. 1	1/17/22	11/18/22		
Ethylbenzene	ND	0.0250	1	. 1	1/17/22	11/18/22		
Toluene	ND	0.0250	1	. 1	1/17/22	11/18/22		
p-Xylene	ND	0.0250	1	. 1	1/17/22	11/18/22		
o,m-Xylene	ND	0.0500	1	. 1	1/17/22	11/18/22		
Total Xylenes	ND	0.0250	1	. 1	1/17/22	11/18/22		
Surrogate: Bromofluorobenzene		100 %	70-130		11/17/22	11/18/22		
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		11/17/22	11/18/22		
Surrogate: Toluene-d8		103 %	70-130		11/17/22	11/18/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247080	
Gasoline Range Organics (C6-C10)	ND	20.0	1	. 1	1/17/22	11/18/22		
Surrogate: Bromofluorobenzene		100 %	70-130		11/17/22	11/18/22		
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		11/17/22	11/18/22		
Surrogate: Toluene-d8		103 %	70-130		11/17/22	11/18/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g/kg Analyst: RAS			Batch: 2247084		
Diesel Range Organics (C10-C28)	ND	25.0	1	. 1	1/17/22	11/18/22		
Dil Range Organics (C28-C36)	ND	50.0	1	1 1	1/17/22	11/18/22		
Surrogate: n-Nonane		80.1 %	50-200		11/17/22	11/18/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2247099	
Chloride	ND	20.0	1	. 1	1/18/22	11/18/22		



		ample Da	uu				
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3			D (1
PO Box 247	Project Numb		58-0007 D				<b>Reported:</b> 11/21/2022 3:07:55PM
Plains TX, 79355-0247	Project Manag	ger: Iom	Bynum				11/21/2022 5:07:55PM
		CS34					
		E211106-06					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: P	Y		Batch: 2247080
Benzene	ND	0.0250	1	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	l	11/17/22	11/18/22	
Toluene	ND	0.0250	1	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	l	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.1 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		99.6 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: P	Y		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.1 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		99.6 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	11/17/22	11/18/22	
urrogate: n-Nonane		81.1 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: K	L		Batch: 2247099
Chloride	ND	20.0	1	1	11/18/22	11/18/22	



	D D	sample D	ala				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Num Project Mana	ber: 0103	tle Juice 19 58-0007 1 Bynum	Fed 3			<b>Reported:</b> 11/21/2022 3:07:55PM
		CS35					
		E211106-07					
		Reporting					
Analyte	Result	Limit	Dilu	tion Prep	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247080
Benzene	ND	0.0250	1	11/1	7/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/1	7/22	11/18/22	
oluene	ND	0.0250	1	11/1	7/22	11/18/22	
-Xylene	ND	0.0250	1	11/1	7/22	11/18/22	
,m-Xylene	ND	0.0500	1	11/1	7/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/1	7/22	11/18/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130	11/1	7/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	11/1	7/22	11/18/22	
urrogate: Toluene-d8		101 %	70-130	11/1	7/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/1	7/22	11/18/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130	11/1	7/22	11/18/22	
'urrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	11/1	7/22	11/18/22	
Surrogate: Toluene-d8		101 %	70-130	11/1	7/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/1	7/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/1	7/22	11/18/22	
urrogate: n-Nonane		82.6 %	50-200	11/1	7/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2247099
Chloride	ND	20.0	1	11/1	8/22	11/18/22	



	5	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name:		le Juice 19	Fed 3			
PO Box 247	Project Numb		58-0007		Reported:		
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				11/21/2022 3:07:55PM
		CS36					
		E211106-08					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2247080
Benzene	ND	0.0250	1	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	l	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	l	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		99.0 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		99.0 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2247084	
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/17/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	11/17/22	11/21/22	
Surrogate: n-Nonane		96.3 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: ŀ	KL		Batch: 2247099
Chloride	ND	20.0	1	1	11/18/22	11/18/22	



	5	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3			
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				11/21/2022 3:07:55PM
		CS37					
		E211106-09					
		Reporting					
Analyte	Result	Limit	Dilu	tion P	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247080
Benzene	ND	0.0250	1	1	1/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	1	1/17/22	11/18/22	
oluene	ND	0.0250	1	1	1/17/22	11/18/22	
-Xylene	ND	0.0250	1	1	1/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	1	1/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	1	1/17/22	11/18/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130	L	1/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	1.	1/17/22	11/18/22	
Surrogate: Toluene-d8		99.8 %	70-130	L	1/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	1/17/22	11/18/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130	L	1/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	L	1/17/22	11/18/22	
Jurrogate: Toluene-d8		99.8 %	70-130	L	1/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	1	1/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	1/17/22	11/18/22	
Surrogate: n-Nonane		104 %	50-200	1.	1/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2247099
Chloride	ND	20.0	1	1	1/18/22	11/18/22	



	5	ample D	ala				
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3			
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum				11/21/2022 3:07:55PM
		CS38					
		E211106-10					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247080
Benzene	ND	0.0250	1		11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1		11/17/22	11/18/22	
oluene	ND	0.0250	1		11/17/22	11/18/22	
-Xylene	ND	0.0250	1		11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1		11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1		11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		96.4 %	70-130		11/17/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		113 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		98.8 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		96.4 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		98.8 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1		11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1		11/17/22	11/18/22	
urrogate: n-Nonane		105 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2247099
Chloride	ND	20.0	1		11/18/22	11/18/22	



	0	ample D	ala				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 0105	le Juice 19 58-0007 Bynum	Fed 3			<b>Reported:</b> 11/21/2022 3:07:55PM
		CS39					
		E211106-11					
Analyte	Result	Reporting Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247080
Benzene	ND	0.0250	1	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	l	11/17/22	11/18/22	
oluene	ND	0.0250	1	l	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	l	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		99.8 %	70-130		11/17/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		107 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		97.9 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2247080	
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		99.8 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		97.9 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RA	AS		Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	11/17/22	11/18/22	
'urrogate: n-Nonane		95.2 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KI	_		Batch: 2247099
Chloride	ND	20.0	1	1	11/18/22	11/18/22	



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Sample Data	

Pima Environmental Services-Carlsbad	Project Name:	Beet	le Juice 19 Fe	d 3		
PO Box 247	Project Numb	er: 0105	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 3:07:55PM
		CS40				
		E211106-12				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	alyst: IY		Batch: 2247080
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.9 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.9 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: RAS		Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		103 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2247099
Chloride	ND	20.0	1	11/18/22	11/18/22	



Samp	le Data
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	5	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name		le Juice 19 I	Fed 3		
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum			11/21/2022 3:07:55PN
		CS41				
		E211106-13				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2247080
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		97.2 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		97.2 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		105 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: KL		Batch: 2247099
Chloride	29.7	20.0	1	11/18/22	11/18/22	



	ĸ	sample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Nam Project Num Project Mana	ber: 0103	le Juice 19 58-0007 Bynum	Fed 3		<b>Reported:</b> 11/21/2022 3:07:55PM
		CS42				
		E211106-14				
		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY		Batch: 2247080
Benzene	ND	0.0250	1	11/17/22	2 11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	2 11/18/22	
oluene	ND	0.0250	1	11/17/22	2 11/18/22	
-Xylene	ND	0.0250	1	11/17/22	2 11/18/22	
,m-Xylene	ND	0.0500	1	11/17/22	2 11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	2 11/18/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130	11/17/22	2 11/18/22	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130	11/17/22	2 11/18/22	
urrogate: Toluene-d8		98.1 %	70-130	11/17/22	2 11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	2 11/18/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130	11/17/22	2 11/18/22	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130	11/17/22	2 11/18/22	
urrogate: Toluene-d8		98.1 %	70-130	11/17/22	2 11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	/kg Analyst: RAS			Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	2 11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	2 11/19/22	
urrogate: n-Nonane		107 %	50-200	11/17/22	2 11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL		Batch: 2247099
Chloride	ND	20.0	1	11/18/22	2 11/18/22	



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Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Num	ber: 010.	le Juice 19 1 58-0007	Fed 3		<b>Reported:</b> 11/21/2022 3:07:55PM
Plains TX, 79355-0247	Project Mana	iger: Iom	Bynum			11/21/2022 5:07:55PW
		CS43				
		E211106-15				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2247080
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: RAS			Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		109 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2247099
Chloride	28.9	20.0	1	11/18/22	11/18/22	



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Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Num		le Juice 19 1 58-0007	Fed 3		Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum			11/21/2022 3:07:55PM
		CS44				
		E211106-16				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY		Batch: 2247080
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
oluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		99.9 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.5 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		99.9 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.5 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	kg Analyst: RAS			Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		110 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: KL		Batch: 2247099
Chloride	ND	20.0	1	11/18/22	11/18/22	



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Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3		
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum			11/21/2022 3:07:55PM
		CS45				
		E211106-17				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepa	red Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY		Batch: 2247080
Benzene	ND	0.0250	1	11/17/	/22 11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/	/22 11/18/22	
Toluene	ND	0.0250	1	11/17/	/22 11/18/22	
p-Xylene	ND	0.0250	1	11/17/	/22 11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/	/22 11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/	/22 11/18/22	
Surrogate: Bromofluorobenzene		97.6 %	70-130	11/17/	/22 11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	11/17/	/22 11/18/22	
Surrogate: Toluene-d8		100 %	70-130	11/17/	/22 11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/	/22 11/18/22	
Surrogate: Bromofluorobenzene		97.6 %	70-130	11/17/	/22 11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	11/17/	/22 11/18/22	
Surrogate: Toluene-d8		100 %	70-130	11/17/	/22 11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: RAS		Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/	/22 11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/	/22 11/19/22	
Surrogate: n-Nonane		109 %	50-200	11/17/	/22 11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL		Batch: 2247099
Chloride	ND	20.0	1	11/18/	/22 11/18/22	



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Pima Environmental Services-Carlsbad	Project Name:		le Juice 19	Fed 3			
PO Box 247	Project Number: 01058-0007					Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 3:07:55PM	
		CS46					
		E211106-18					
		Reporting					
Analyte	Result	Limit	Dilu	tion Prepa	ared Ana	lyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247080
enzene	ND	0.0250	1	11/17	//22 11/1	18/22	
thylbenzene	ND	0.0250	1	11/17	//22 11/1	8/22	
oluene	ND	0.0250	1	11/17	1/22 11/1	18/22	
-Xylene	ND	0.0250	1	11/17	//22 11/1	8/22	
m-Xylene	ND	0.0500	1	11/17	11/1	18/22	
otal Xylenes	ND	0.0250	1	11/17	1/22 11/1	18/22	
urrogate: Bromofluorobenzene		97.3 %	70-130	11/17	1/22 11/1	18/22	
urrogate: 1,2-Dichloroethane-d4		101 %	70-130	11/17	1/22 11/1	18/22	
urrogate: Toluene-d8		99.0 %	70-130	11/17	1/22 11/1	18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17	//22 11/1	18/22	
urrogate: Bromofluorobenzene		97.3 %	70-130	11/17	1/22 11/1	8/22	
urrogate: 1,2-Dichloroethane-d4		101 %	70-130	11/17	1/22 11/1	8/22	
urrogate: Toluene-d8		99.0 %	70-130	11/17	1/22 11/1	18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17	1/22 11/1	19/22	
vil Range Organics (C28-C36)	ND	50.0	1	11/17	//22 11/1	19/22	
urrogate: n-Nonane		108 %	50-200	11/17	1/22 11/1	19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2247099
Chloride	ND	20.0	1	11/18	3/22 11/1	18/22	



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Pima Environmental Services-Carlsbad PO Box 247	Project Nam		le Juice 19 58-0007	Reported:				
PO Box 247 Plains TX, 79355-0247	Project Num							
Plains 1X, 79555-0247	Project Manager:		Bynum				11/21/2022 3:07:55PM	
		CS47						
		E211106-19						
	D k	Reporting	0.1	. D			NT /	
Analyte	Result	Limit	Dilu	tion P	repared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247080	
Benzene	ND	0.0250	1	1	1/17/22	11/18/22		
Ethylbenzene	ND	0.0250	1	1	1/17/22	11/18/22		
Toluene	ND	0.0250	1	. 1	1/17/22	11/18/22		
p-Xylene	ND	0.0250	1	. 1	1/17/22	11/18/22		
o,m-Xylene	ND	0.0500	1	1	1/17/22	11/18/22		
Fotal Xylenes	ND	0.0250	1	1	1/17/22	11/18/22		
Surrogate: Bromofluorobenzene		99.0 %	70-130	1	1/17/22	11/18/22		
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	1	1/17/22	11/18/22		
Surrogate: Toluene-d8		98.9 %	70-130	1	1/17/22	11/18/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247080	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	1/17/22	11/18/22		
Surrogate: Bromofluorobenzene		99.0 %	70-130	1	1/17/22	11/18/22		
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	1	1/17/22	11/18/22		
Surrogate: Toluene-d8		98.9 %	70-130	1	1/17/22	11/18/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2247084	
Diesel Range Organics (C10-C28)	ND	25.0	1	. 1	1/17/22	11/19/22		
Dil Range Organics (C28-C36)	ND	50.0	1	1	1/17/22	11/19/22		
Surrogate: n-Nonane		108 %	50-200	1	1/17/22	11/19/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2247099	
Chloride	33.9	20.0	1	1	1/18/22	11/18/22		



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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Num Project Mana	ber: 0105	le Juice 19 58-0007 Bynum	Fed 3			<b>Reported:</b> 11/21/2022 3:07:55PM
		CS48					
		E211106-20					
		Reporting					
Analyte	Result	Limit	Dilu	tion Prep	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247080
Benzene	ND	0.0250	1	11/1	7/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/1	7/22	11/18/22	
oluene	ND	0.0250	1	11/1	7/22	11/18/22	
-Xylene	ND	0.0250	1	11/1	7/22	11/18/22	
,m-Xylene	ND	0.0500	1	11/1	7/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/1	7/22	11/18/22	
Surrogate: Bromofluorobenzene		98.8 %	70-130	11/1	7/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	11/1	7/22	11/18/22	
urrogate: Toluene-d8		98.6 %	70-130	11/1	7/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/1	7/22	11/18/22	
Surrogate: Bromofluorobenzene		98.8 %	70-130	11/1	7/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	11/1	7/22	11/18/22	
urrogate: Toluene-d8		98.6 %	70-130	11/1	7/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/1	7/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/1	7/22	11/19/22	
urrogate: n-Nonane		110 %	50-200	11/1	7/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2247099
Chloride	ND	20.0	1	11/1	8/22	11/18/22	



# QC Summary Data

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Pima Environmental Services-Carlsbad PO Box 247		Project Name: Beetle Juice 19 Fed 3 Project Number: 01058-0007					Reported			
Plains TX, 79355-0247		Project Manager:	To	om Bynum				1	1/21/2022 3:07:55PM	
	,	Volatile Organic	Compo	unds by EF	PA 82601	3			Analyst: IY	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2247080-BLK1)						F	Prepared: 1	1/17/22 An	alyzed: 11/18/22	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
p-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130				
Surrogate: Toluene-d8	0.507		0.500		101	70-130				
LCS (2247080-BS1)						F	Prepared: 1	1/17/22 An	alyzed: 11/18/22	
Benzene	2.70	0.0250	2.50		108	70-130				
Ethylbenzene	2.58	0.0250	2.50		103	70-130				
Toluene	2.62	0.0250	2.50		105	70-130				
p-Xylene	2.73	0.0250	2.50		109	70-130				
p,m-Xylene	5.20	0.0500	5.00		104	70-130				
Total Xylenes	7.92	0.0250	7.50		106	70-130				
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130				
Surrogate: Toluene-d8	0.487		0.500		97.4	70-130				
LCS Dup (2247080-BSD1)						F	repared: 1	1/17/22 An	alyzed: 11/18/22	
Benzene	2.46	0.0250	2.50		98.4	70-130	9.17	23		
Ethylbenzene	2.40	0.0250	2.50		95.9	70-130	7.45	27		
Toluene	2.44	0.0250	2.50		97.5	70-130	7.06	24		
p-Xylene	2.52	0.0250	2.50		101	70-130	7.83	27		
p,m-Xylene	4.83	0.0500	5.00		96.6	70-130	7.38	27		
Total Xylenes	7.35	0.0250	7.50		98.0	70-130	7.54	27		
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130				
# **QC Summary Data**

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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:		Beetle Juice 19 01058-0007 Tom Bynum	Fed 3				<b>Reported:</b> 11/21/2022 3:07:55PM
	N	onhalogenated O	rganic	s by EPA 801	15D - G	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2247080-BLK1)							Prepared: 1	1/17/22 A	nalyzed: 11/18/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			
LCS (2247080-BS2)							Prepared: 1	1/17/22 A	nalyzed: 11/18/22
Gasoline Range Organics (C6-C10)	41.1	20.0	50.0		82.1	70-130			
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			
LCS Dup (2247080-BSD2)							Prepared: 1	1/17/22 A	nalyzed: 11/18/22
Gasoline Range Organics (C6-C10)	41.1	20.0	50.0		82.3	70-130	0.137	20	
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.500		0.500		100	70-130			



# **QC Summary Data**

		QU N		ary Data					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Beetle Juice 19 01058-0007	Fed 3				Reported:
Plains TX, 79355-0247		Project Manager:		Tom Bynum					11/21/2022 3:07:55PM
	Nonh	alogenated Org	anics b	y EPA 8015I	) - DRO	/ORO			Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247084-BLK1)							Prepared: 1	1/17/22 A	Analyzed: 11/18/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.9		50.0		99.7	50-200			
LCS (2247084-BS1)							Prepared: 1	1/17/22 A	Analyzed: 11/18/22
Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132			
Surrogate: n-Nonane	52.2		50.0		104	50-200			
Matrix Spike (2247084-MS1)				Source:	E211106-	12	Prepared: 1	1/17/22 A	Analyzed: 11/18/22
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	50.8		50.0		102	50-200			
Matrix Spike Dup (2247084-MSD1)				Source:	E211106-	12	Prepared: 1	1/17/22 A	Analyzed: 11/18/22
Diesel Range Organics (C10-C28)	259	25.0	250	ND	104	38-132	1.77	20	
Surrogate: n-Nonane	52.5		50.0		105	50-200			



# **QC Summary Data**

				v					
Pima Environmental Services-Carlsbad		Project Name:		Beetle Juice 19	Fed 3				Reported:
PO Box 247		Project Number:		1058-0007					
Plains TX, 79355-0247		Project Manager:	Т	Com Bynum					11/21/2022 3:07:55PM
		Anions l	oy EPA	<b>300.0/9056</b> A	A Contraction				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247099-BLK1)							Prepared: 1	1/18/22 A	nalyzed: 11/18/22
Chloride	ND	20.0							
LCS (2247099-BS1)							Prepared: 1	1/18/22 A	nalyzed: 11/18/22
hloride	256	20.0	250		102	90-110			
LCS Dup (2247099-BSD1)							Prepared: 1	1/18/22 A	nalyzed: 11/18/22
Chloride	264	20.0	250		106	90-110	3.16	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Pima Environmental Services-Carlsbad	Project Name:	Beetle Juice 19 Fed 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/21/22 15:07

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



1

Chain of Custody

ent: Pima Environmental	Bill To		3995 1995									TAT			rogram
piect: Beetle Juice 19 Fed 3 piect Manager: Tom Bynum	Attention: Address:	-	Lab V	WO# 2   ]	Ol	0					1D 2D 3D Standard		Standard	CWA	SDW
Diect Manager: Tom Bynum Idress: 5614 N. Iovington Huy y, State, Zip Hobos, NM, 88240 one: 580-748-1613	City, State, Zip	— I							nd Meth						RCRA
one: 580-748-1613	Phone:		15	51										State	
nail: tom @ pima. Dil. Com	Project# 1-147		DRO/ORO by 8015	GRO/DRO by 8015	021	99	9	0.00		Ę		ICEQ 1005 TX-TPH	NM CO	UT AZ	TX
port due by:	14701ect 1-14 1	Lab	0%O	)/DRO	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM		Q 1005		Remarks	
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00 11/16/22 S I CS 29										<u>×</u>	(				
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		nple locatio	on,	<u> </u>			Sample	es requi	ing therma	l preserv	ation mu	st be receive	ed on ice the day the	ey are sampled	or receive
ield sampler), attest to the validity and authenticity of this sample. I am aw e or time of collection is considered fraud and may be grounds for legal act				<b>T</b>			packed	l in ice a	t an avg tei	-			C on subsequent day	γ <b>s</b> .	
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(A)	Received by: (Signature)		77	Time	:3	•					ТЗ				
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nala Matrix: S. Sail Sd. Salid Sg. Sludga A. Aguagur, O. Other		ontainer	Type	· a _ a	ilace				p°C	<u>9</u> ber gl	<u>)</u> acc. v	- VOA			
nple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other te: Samples are discarded 30 days after results are reported unles	other arrangements are made. Hazardous sample	es will be	retur	ned to	o clien	nt or d	lispos	ed of a					ort for the anal	ysis of the a	above
nples is applicable only to those samples received by the laborato	with this COC. The liability of the laboratory is lim	nited to th	ne am	ount j	paid fo	or on i	the re	port.							

Reproject Information

Page	8	of Ke	Re
			cei.

Bill To     Bill To     Attention:     Attention: <th>O/ORO by 8015</th> <th>GRO/DRO by 8015</th> <th></th> <th>1</th> <th>Analy</th> <th></th> <th>er 1 Method</th> <th></th> <th>2D</th> <th>CEQ 1005 TX-TPH</th> <th></th> <th>NM CO</th> <th>CWA State UT AZ</th> <th>SDWA RCRA TX</th>	O/ORO by 8015	GRO/DRO by 8015		1	Analy		er 1 Method		2D	CEQ 1005 TX-TPH		NM CO	CWA State UT AZ	SDWA RCRA TX
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itional Instructions: Billing # 20948131														
i sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample loca	tion,											ce the day the ubsequent day	y are sampled o	or received
r time of collection is considered fraud and may be grounds for legal action. <u>Sampled by:</u> Scott H. guighed by: (Signat Ge) <b>Date</b> <b>Date</b> <b>III/17/22</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>IIII</b> <b>I</b>	22	Time	?7			e nav	on ice:		ab Us	e On				
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quished by: (Signature) Date Time Received by: (Signature) Date		Time				Temp		1 <u>~</u> 4				<u>13</u>		
e Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Containe	r Type	l 2: g - g	lass,					er glas	ss, v -	VOA		$0 \leq  u^{(1)}  \leq  u  \leq \epsilon$		
Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will b	e retu	rned to	o clien	it or d	lispose	ed of at					port fo	or the analy	sis of the a	bove
les is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the laboratory with this COC.	the an	ount	paid fo	oron	the re								e	

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

lient:	Pima Environmental Services-Carlsbad D	ate Received:	11/18/22 06	:30	Work Order ID: E211106
Phone:	(575) 631-6977 D	ate Logged In:	11/17/22 15	:06	Logged In By: Caitlin Christian
Email:		ue Date:	11/18/22 17	:00 (0 day TAT)	
Chain o	f Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match	the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	he COC complete, i.e., signatures, dates/times, requested	1 analyses?	Yes	_	
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		<u>Comments/Resolution</u>
Sample	Turn Around Time (TAT)				
-	the COC indicate standard TAT, or Expedited TAT?		Yes		Project Beetle Juice 19 Fed 3 has been
Sample	•				separated into 8 reports.
	a sample cooler received?		Yes		E211103/E211104/E211105/E211106/E211
	, was cooler received in good condition?		Yes		107/E211108/E211109/E211110. COC
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes		
	e custody/security seals present?		No		received with white out on time sampled
11. If ve	s, were custody/security seals intact?		NA		by client.
-	the sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re		Yes		
13. If no	minutes of sampling visible ice, record the temperature. Actual sample ter		С		
	Container	·			
	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	e head space less than 6-8 mm (pea sized or less)?		NA		
17. Was	a trip blank (TB) included for VOC analyses?		NA		
18. Are 1	non-VOC samples collected in the correct containers?		Yes		
19. Is the	e appropriate volume/weight or number of sample containers	s collected?	Yes		
Field La	abel				
	e field sample labels filled out with the minimum inform	ation:			
	Sample ID?		Yes		
	Date/Time Collected?		Yes		
	Collectors name?		No		
	<u>Preservation</u> s the COC or field labels indicate the samples were prese	erved?	No		
	sample(s) correctly preserved?		NO		
	b filteration required and/or requested for dissolved meta	als?	No		
	ase Sample Matrix		110		
	hase Sample Matrix		Na		
	s, does the COC specify which phase(s) is to be analyze		No NA		
	tract Laboratory	ui	NA		
	samples required to get sent to a subcontract laboratory?		No		
	a subcontract laboratory specified by the client and if so			Subcontract Lab	ית יר
27. Was	a succentract accoratory specified by the chefit and it se			Subcontract Lat	J. 11a

Date



envirotech Inc.

Released to Imaging: 6/9/2025 4:37:01 PM



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

# Pima Environmental Services-Carlsbad

Project Name:

Beetle Juice 19 Fed 3

Work Order: E211106

Job Number: 01058-0007

Received: 11/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/21/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 11/21/22

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Beetle Juice 19 Fed 3 Workorder: E211106 Date Received: 11/18/2022 6:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/18/2022 6:30:00AM, under the Project Name: Beetle Juice 19 Fed 3.

The analytical test results summarized in this report with the Project Name: Beetle Juice 19 Fed 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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#### Sample Summary

		Sample Sum	mary		
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	Beetle Juice 19 Feo 01058-0007 Tom Bynum	13	<b>Reported:</b> 11/21/22 15:07
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S29	E211106-01A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S30	E211106-02A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
\$31	E211106-03A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
\$32	E211106-04A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S33	E211106-05A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S34	E211106-06A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S35	E211106-07A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S36	E211106-08A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
\$37	E211106-09A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S38	E211106-10A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S39	E211106-11A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S40	E211106-12A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S41	E211106-13A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S42	E211106-14A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S43	E211106-15A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S44	E211106-16A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S45	E211106-17A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S46	E211106-18A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
547	E211106-19A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S48	E211106-20A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.



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Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe		le Juice 19 I 58-0007	Fed 3		Reported:	
Plains TX, 79355-0247	Project Manag		Bynum			11/21/2022 3:07:55	5PM
		CS29					
		E211106-01					
		Reporting					
Analyte	Result	Limit	Dilut	ion Prepa	ared Anal	lyzed Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2247080	
Benzene	ND	0.0250	1	11/17	1/22 11/1	8/22	
Ethylbenzene	ND	0.0250	1	11/17	1/22 11/1	8/22	
Toluene	ND	0.0250	1	11/17	1/22 11/1	8/22	
o-Xylene	ND	0.0250	1	11/17	11/1	8/22	
p,m-Xylene	ND	0.0500	1	11/17	11/1	8/22	
Total Xylenes	ND	0.0250	1	11/17	//22 11/1	8/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	11/17	//22 11/1	8/22	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	11/17	1/22 11/1	8/22	
Surrogate: Toluene-d8		99.4 %	70-130	11/17	1/22 11/1	8/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2247080	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17	1/22 11/1	8/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	11/17	7/22 11/1	8/22	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	11/17	7/22 11/1	8/22	
Surrogate: Toluene-d8		99.4 %	70-130	11/17	1/22 11/1	8/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2247084	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17	//22 11/1	8/22	_
Oil Range Organics (C28-C36)	ND	50.0	1	11/17	1/22 11/1	8/22	
Surrogate: n-Nonane		102 %	50-200	11/17	1/22 11/1	8/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2247099	
Chloride	ND	20.0	1	11/18	3/22 11/1	8/22	





	D	ample D	ata				
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Num	ber: 0103	le Juice 19 58-0007	Fed 3			Reported:
Plains TX, 79355-0247	Project Mana	iger: Tom	Bynum				11/21/2022 3:07:55PM
		CS30					
		E211106-02					
		Reporting					
Analyte	Result	Limit	Dilu	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2247080
Benzene	ND	0.0250	1	. 11	/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11	/17/22	11/18/22	
Toluene	ND	0.0250	1	11	/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11	/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	11	/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11	/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130	11	/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	11	/17/22	11/18/22	
urrogate: Toluene-d8		101 %	70-130	11	/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11	/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130	11	/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	11	/17/22	11/18/22	
urrogate: Toluene-d8		101 %	70-130	11	/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11	/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11	/17/22	11/18/22	
Gurrogate: n-Nonane		100 %	50-200	11	/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL			Batch: 2247099
Chloride	ND	20.0	1	11	/18/22	11/18/22	



	R R	sample D	ala				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Nam Project Num Project Mana	ber: 0103	le Juice 19 58-0007 Bynum	Fed 3			<b>Reported:</b> 11/21/2022 3:07:55PM
		CS31					
		E211106-03					
Analyte	Result	Reporting Limit	Dilu	tion P	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247080
Benzene	ND	0.0250	1	1	1/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	1	1/17/22	11/18/22	
foluene	ND	0.0250	1	1	1/17/22	11/18/22	
o-Xylene	ND	0.0250	1	1	1/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	1	1/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	1	1/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.8 %	70-130	L	1/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	1.	1/17/22	11/18/22	
Surrogate: Toluene-d8		101 %	70-130	L	1/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	. 1	1/17/22	11/18/22	
Surrogate: Bromofluorobenzene		98.8 %	70-130	L	1/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	1.	1/17/22	11/18/22	
Surrogate: Toluene-d8		101 %	70-130	L	1/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	1	1/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	1/17/22	11/18/22	
Surrogate: n-Nonane		104 %	50-200	1.	1/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2247099
Chloride	ND	20.0	1	1	1/18/22	11/18/22	



	D D	sample D	ala			
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Num		le Juice 19 1 58-0007	Fed 3		Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum			11/21/2022 3:07:55PM
		CS32				
		E211106-04				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY		Batch: 2247080
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.8 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		102 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.8 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		102 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: RAS		Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		101 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: KL		Batch: 2247099
Chloride	ND	20.0	1	11/18/22	11/18/22	



	St	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name:		le Juice 19	Fed 3			
PO Box 247	Project Numbe		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum				11/21/2022 3:07:55PM
		CS33					
		E211106-05					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2247080
Benzene	ND	0.0250	1		11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1		11/17/22	11/18/22	
l'oluene	ND	0.0250	1		11/17/22	11/18/22	
-Xylene	ND	0.0250	1		11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1		11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1		11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		103 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/17/22	11/18/22	
urrogate: Bromofluorobenzene		100 %	70-130		11/17/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		102 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		103 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: RA	S		Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1		11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1		11/17/22	11/18/22	
urrogate: n-Nonane		80.1 %	50-200		11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL	,		Batch: 2247099
Chloride	ND	20.0	1		11/18/22	11/18/22	



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Pima Environmental Services-Carlsbad	Project Name:		le Juice 19	Fed 3		
PO Box 247	Project Numbe		58-0007			Reported:
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum			11/21/2022 3:07:55PM
		CS34				
		E211106-06				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prepa	red Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2247080
Benzene	ND	0.0250	1	11/17	/22 11/18/22	
Ethylbenzene	ND	0.0250	1	11/17	/22 11/18/22	
Toluene	ND	0.0250	1	11/17	/22 11/18/22	
o-Xylene	ND	0.0250	1	11/17	/22 11/18/22	
o,m-Xylene	ND	0.0500	1	11/17	/22 11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17	/22 11/18/22	
Surrogate: Bromofluorobenzene		97.1 %	70-130	11/17,	/22 11/18/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	11/17,	/22 11/18/22	
Surrogate: Toluene-d8		99.6 %	70-130	11/17,	/22 11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17	/22 11/18/22	
Surrogate: Bromofluorobenzene		97.1 %	70-130	11/17,	/22 11/18/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	11/17,	/22 11/18/22	
Surrogate: Toluene-d8		99.6 %	70-130	11/17	/22 11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17	/22 11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17	/22 11/18/22	
Surrogate: n-Nonane		81.1 %	50-200	11/17,	/22 11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2247099
Chloride	ND	20.0	1	11/18	/22 11/18/22	



	ĸ	sample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Nam Project Num Project Mana	ber: 0103	le Juice 19 58-0007 Bynum	Fed 3		<b>Reported:</b> 11/21/2022 3:07:55PM
		CS35				
		E211106-07				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY		Batch: 2247080
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	11/17/22	11/18/22	
urrogate: Toluene-d8		101 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		101 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: RAS		Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		82.6 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL		Batch: 2247099
Chloride	ND	20.0	1	11/18/22	11/18/22	



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Pima Environmental Services-Carlsbad	Project Name:		le Juice 19	Fed 3			
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				11/21/2022 3:07:55PM
		CS36					
		E211106-08					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: ]	IY		Batch: 2247080
Benzene	ND	0.0250	1	l	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	l	11/17/22	11/18/22	
Toluene	ND	0.0250	1	l	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	l	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	l	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	l	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		99.0 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		100 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		99.0 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: ]	RAS		Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	l	11/17/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	l	11/17/22	11/21/22	
Surrogate: n-Nonane		96.3 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: ]	KL		Batch: 2247099
Chloride	ND	20.0	1		11/18/22	11/18/22	



	50	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:		le Juice 19	Fed 3		
PO Box 247	Project Numbe		58-0007			Reported:
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum			11/21/2022 3:07:55PM
		CS37				
		E211106-09				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prepared	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY		Batch: 2247080
Benzene	ND	0.0250	1	11/17/22	2 11/18/22	
thylbenzene	ND	0.0250	1	11/17/22	2 11/18/22	
oluene	ND	0.0250	1	11/17/22	2 11/18/22	
-Xylene	ND	0.0250	1	11/17/22	2 11/18/22	
,m-Xylene	ND	0.0500	1	11/17/22	2 11/18/22	
otal Xylenes	ND	0.0250	1	11/17/22	2 11/18/22	
urrogate: Bromofluorobenzene		99.2 %	70-130	11/17/22	2 11/18/22	
urrogate: 1,2-Dichloroethane-d4		114 %	70-130	11/17/22	2 11/18/22	
urrogate: Toluene-d8		99.8 %	70-130	11/17/22	2 11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	2 11/18/22	
urrogate: Bromofluorobenzene		99.2 %	70-130	11/17/22	2 11/18/22	
urrogate: 1,2-Dichloroethane-d4		114 %	70-130	11/17/22	2 11/18/22	
urrogate: Toluene-d8		99.8 %	70-130	11/17/22	2 11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: RAS		Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	2 11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	2 11/18/22	
urrogate: n-Nonane		104 %	50-200	11/17/22	2 11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL		Batch: 2247099
Chloride	ND	20.0	1	11/18/22	2 11/18/22	



	N N	sample D	ala				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Num Project Mana	ber: 010:	le Juice 19 58-0007 Bynum	Fed 3			<b>Reported:</b> 11/21/2022 3:07:55PM
		CS38					
		E211106-10					
Analyte	Result	Reporting Limit	Dilu	tion Pi	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247080
Benzene	ND	0.0250	1	-	/17/22	11/18/22	Date::: 22170000
Ethylbenzene	ND	0.0250	1	11	/17/22	11/18/22	
Toluene	ND	0.0250	1	11	/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11	/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11	/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11	/17/22	11/18/22	
Surrogate: Bromofluorobenzene		96.4 %	70-130	11	1/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	11	1/17/22	11/18/22	
Surrogate: Toluene-d8		98.8 %	70-130	11	1/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11	/17/22	11/18/22	
Surrogate: Bromofluorobenzene		96.4 %	70-130	11	1/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	11	1/17/22	11/18/22	
Surrogate: Toluene-d8		98.8 %	70-130	11	//17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11	/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11	/17/22	11/18/22	
Gurrogate: n-Nonane		105 %	50-200	11	1/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2247099
Chloride	ND	20.0	1	11	/18/22	11/18/22	



	56	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Beet	le Juice 19	Fed 3		
PO Box 247	Project Numbe		58-0007			Reported:
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum			11/21/2022 3:07:55PM
		CS39				
		E211106-11				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prepar	red Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2247080
Benzene	ND	0.0250	1	11/17/	11/18/22	
thylbenzene	ND	0.0250	1	11/17/	22 11/18/22	
oluene	ND	0.0250	1	11/17/	22 11/18/22	
-Xylene	ND	0.0250	1	11/17/	11/18/22	
,m-Xylene	ND	0.0500	1	11/17/	22 11/18/22	
Total Xylenes	ND	0.0250	1	11/17/	22 11/18/22	
urrogate: Bromofluorobenzene		99.8 %	70-130	11/17/	/22 11/18/22	
urrogate: 1,2-Dichloroethane-d4		107 %	70-130	11/17/	11/18/22	
urrogate: Toluene-d8		97.9 %	70-130	11/17/	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/	22 11/18/22	
urrogate: Bromofluorobenzene		99.8 %	70-130	11/17/	/22 11/18/22	
urrogate: 1,2-Dichloroethane-d4		107 %	70-130	11/17/	/22 11/18/22	
urrogate: Toluene-d8		97.9 %	70-130	11/17/	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/	22 11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/	22 11/18/22	
urrogate: n-Nonane		95.2 %	50-200	11/17/	/22 11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2247099
Chloride	ND	20.0	1	11/18/	22 11/18/22	



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	S	ample D	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numl Project Mana	ber: 0105	le Juice 19 I 58-0007 Bynum	Fed 3		<b>Reported:</b> 11/21/2022 3:07:55PM
		CS40				
		E211106-12				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2247080
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.9 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		99.9 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		103 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	analyst: KL		Batch: 2247099
Chloride	ND	20.0	1	11/18/22	11/18/22	



Samp	le Data
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	5	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3		
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum			11/21/2022 3:07:55PM
		CS41				
		E211106-13				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY		Batch: 2247080
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		97.2 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		97.2 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: RAS		Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		105 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: KL		Batch: 2247099
Chloride	29.7	20.0	1	11/18/22	11/18/22	



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	S	ample D	ata				
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numb		le Juice 19 58-0007	Fed 3			Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum				11/21/2022 3:07:55PM
		CS42					
		E211106-14					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2247080
Benzene	ND	0.0250		1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250		1	11/17/22	11/18/22	
Toluene	ND	0.0250		1	11/17/22	11/18/22	
o-Xylene	ND	0.0250		1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500		1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250		1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		98.1 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		98.1 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	RAS		Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0		1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	ND	50.0		1	11/17/22	11/19/22	
Surrogate: n-Nonane		107 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	KL		Batch: 2247099
Chloride	ND	20.0		1	11/18/22	11/18/22	



		sample D	ลเล			
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Num	ber: 010.	le Juice 19 1 58-0007	Fed 3		<b>Reported:</b> 11/21/2022 3:07:55PM
Plains TX, 79355-0247	Project Mana	iger: Iom	Bynum			11/21/2022 5:07:55PW
		CS43				
		E211106-15				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2247080
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
p-Xylene	ND	0.0250	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130	11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	11/17/22	11/18/22	
Surrogate: Toluene-d8		100 %	70-130	11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I		Batch: 2247084	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/19/22	
Surrogate: n-Nonane		109 %	50-200	11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL		Batch: 2247099
Chloride	28.9	20.0	1	11/18/22	11/18/22	



	D	sample D	ala				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Num Project Mana	ber: 0103	le Juice 19 58-0007 Bynum	Fed 3			<b>Reported:</b> 11/21/2022 3:07:55PM
		CS44					
		E211106-16					
Analyte	Result	Reporting Limit	Dilu	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247080
Benzene	ND	0.0250	1	11	/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11	/17/22	11/18/22	
oluene	ND	0.0250	1	11	/17/22	11/18/22	
-Xylene	ND	0.0250	1	11	/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	11	/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11	/17/22	11/18/22	
Surrogate: Bromofluorobenzene		99.9 %	70-130	11	/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	11	/17/22	11/18/22	
Surrogate: Toluene-d8		99.5 %	70-130	11	/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	11	/17/22	11/18/22	
Surrogate: Bromofluorobenzene		99.9 %	70-130	11	/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	11	/17/22	11/18/22	
Surrogate: Toluene-d8		99.5 %	70-130	11	/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	11	/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11	/17/22	11/19/22	
Gurrogate: n-Nonane		110 %	50-200	11	/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2247099
Chloride	ND	20.0	1	11	/18/22	11/18/22	



Sample Data
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	2	Sample D	ata				
Pima Environmental Services-Carlsbad	Project Name	e: Beet	le Juice 19	Fed 3			
PO Box 247	Project Num	ber: 0105	58-0007		Reported:		
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum				11/21/2022 3:07:55PM
		CS45					
		E211106-17					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY	7		Batch: 2247080
Benzene	ND	0.0250	1	l	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.6 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		100 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY	7		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.6 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		100 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: R.	AS		Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	11/17/22	11/19/22	
Surrogate: n-Nonane		109 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: K	L		Batch: 2247099
Chloride	ND	20.0	1	1	11/18/22	11/18/22	



	<b>D</b>	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3			
PO Box 247	Project Numb		58-0007		Reported:		
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				11/21/2022 3:07:55PM
		CS46					
		E211106-18					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2247080
Benzene	ND	0.0250	1	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	1	11/17/22	11/18/22	
o,m-Xylene	ND	0.0500	1	l	11/17/22	11/18/22	
Fotal Xylenes	ND	0.0250	1	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		99.0 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8		99.0 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	11/17/22	11/19/22	
Surrogate: n-Nonane		108 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	KL		Batch: 2247099
Chloride	ND	20.0	1	1	11/18/22	11/18/22	



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Pima Environmental Services-Carlsbad	Project Name:	Beet	le Juice 19	Fed 3			
PO Box 247	Project Number: 01058-0007						Reported:
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum				11/21/2022 3:07:55PM
		CS47					
		E211106-19					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY	7		Batch: 2247080
Benzene	ND	0.0250	1	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	1	11/17/22	11/18/22	
oluene	ND	0.0250	1	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	1	11/17/22	11/18/22	
urrogate: Bromofluorobenzene		99.0 %	70-130		11/17/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		101 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		98.9 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY	7		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/17/22	11/18/22	
urrogate: Bromofluorobenzene		99.0 %	70-130		11/17/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		101 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		98.9 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: R	AS		Batch: 2247084
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	11/17/22	11/19/22	
urrogate: n-Nonane		108 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: K	L		Batch: 2247099
Chloride	33.9	20.0	1	1	11/18/22	11/18/22	



	0	ample D	ala				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 0105	le Juice 19 58-0007 Bynum	Fed 3			<b>Reported:</b> 11/21/2022 3:07:55PM
		<b>CS48</b>					
		E211106-20					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2247080
Benzene	ND	0.0250	1	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	l	11/17/22	11/18/22	
oluene	ND	0.0250	1	1	11/17/22	11/18/22	
-Xylene	ND	0.0250	1	1	11/17/22	11/18/22	
,m-Xylene	ND	0.0500	1	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	1	11/17/22	11/18/22	
urrogate: Bromofluorobenzene		98.8 %	70-130		11/17/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		98.6 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2247080
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/17/22	11/18/22	
urrogate: Bromofluorobenzene		98.8 %	70-130		11/17/22	11/18/22	
urrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		11/17/22	11/18/22	
urrogate: Toluene-d8		98.6 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: R	AS	Batch: 2247084	
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	11/17/22	11/19/22	
urrogate: n-Nonane		110 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: K	L		Batch: 2247099
Chloride	ND	20.0	1	1	11/18/22	11/18/22	



# QC Summary Data

		<b>Q</b> U U		ily Date	~				
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		eetle Juice 19 1 058-0007	Fed 3				Reported:
Plains TX, 79355-0247		Project Manager:		om Bynum				1	1/21/2022 3:07:55PM
	,	Volatile Organic	Compo	unds by EP	A 82601	B			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247080-BLK1)						F	Prepared: 1	1/17/22 An	alyzed: 11/18/22
Benzene	ND	0.0250					-		-
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			
LCS (2247080-BS1)						F	Prepared: 1	1/17/22 An	alyzed: 11/18/22
Benzene	2.70	0.0250	2.50		108	70-130			
Ethylbenzene	2.58	0.0250	2.50		103	70-130			
Toluene	2.62	0.0250	2.50		105	70-130			
o-Xylene	2.73	0.0250	2.50		109	70-130			
p,m-Xylene	5.20	0.0500	5.00		104	70-130			
Total Xylenes	7.92	0.0250	7.50		106	70-130			
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.4	70-130			
LCS Dup (2247080-BSD1)						F	Prepared: 1	1/17/22 An	alyzed: 11/18/22
Benzene	2.46	0.0250	2.50		98.4	70-130	9.17	23	
Ethylbenzene	2.40	0.0250	2.50		95.9	70-130	7.45	27	
Toluene	2.44	0.0250	2.50		97.5	70-130	7.06	24	
o-Xylene	2.52	0.0250	2.50		101	70-130	7.83	27	
p,m-Xylene	4.83	0.0500	5.00		96.6	70-130	7.38	27	
Total Xylenes	7.35	0.0250	7.50		98.0	70-130	7.54	27	
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			

# **QC Summary Data**

		QC D		ary Dau	u .					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:		Beetle Juice 19 01058-0007 Tom Bynum	Fed 3				<b>Reported:</b> 11/21/2022 3:07:55PM	
	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: IY		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2247080-BLK1)									nalyzed: 11/18/22	
Gasoline Range Organics (C6-C10)	ND	20.0					1			
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130				
Surrogate: Toluene-d8	0.507		0.500		101	70-130				
LCS (2247080-BS2)							Prepared: 1	1/17/22 A	nalyzed: 11/18/22	
Gasoline Range Organics (C6-C10)	41.1	20.0	50.0		82.1	70-130				
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130				
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130				
LCS Dup (2247080-BSD2)							Prepared: 1	1/17/22 A	nalyzed: 11/18/22	
Gasoline Range Organics (C6-C10)	41.1	20.0	50.0		82.3	70-130	0.137	20		
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130				
Surrogate: Toluene-d8	0.500		0.500		100	70-130				



# **QC Summary Data**

		QC D	u 111111	ary Date	A				
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Beetle Juice 19 01058-0007	Fed 3				<b>Reported:</b> 11/21/2022 3:07:55PM
Plains TX, 79355-0247		Project Manager:		Tom Bynum					11/21/2022 3:07:55PM
	Nonh	alogenated Org	anics by	y EPA 8015E	) - DRO	/ORO			Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247084-BLK1)							Prepared: 1	1/17/22	Analyzed: 11/18/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.9		50.0		99.7	50-200			
LCS (2247084-BS1)							Prepared: 1	1/17/22	Analyzed: 11/18/22
Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132			
Surrogate: n-Nonane	52.2		50.0		104	50-200			
Matrix Spike (2247084-MS1)				Source:	E211106-1	12	Prepared: 1	1/17/22	Analyzed: 11/18/22
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	50.8		50.0		102	50-200			
Matrix Spike Dup (2247084-MSD1)				Source:	E211106-1	12	Prepared: 1	1/17/22	Analyzed: 11/18/22
Diesel Range Organics (C10-C28)	259	25.0	250	ND	104	38-132	1.77	20	
Surrogate: n-Nonane	52.5		50.0		105	50-200			



# **QC Summary Data**

		-		v					
Pima Environmental Services-Carlsbad		Project Name:		Beetle Juice 19	Fed 3				Reported:
PO Box 247		Project Number:		1058-0007					
Plains TX, 79355-0247		Project Manager:	Т	Com Bynum					11/21/2022 3:07:55PM
		Anions l	by EPA	<b>300.0/9056</b> A	۱.				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247099-BLK1)							Prepared: 1	1/18/22 A	nalyzed: 11/18/22
Chloride	ND	20.0							
LCS (2247099-BS1)							Prepared: 1	1/18/22 A	nalyzed: 11/18/22
Chloride	256	20.0	250		102	90-110			
LCS Dup (2247099-BSD1)							Prepared: 1	1/18/22 A	nalyzed: 11/18/22
Chloride	264	20.0	250		106	90-110	3.16	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.


Pima Environmental Services-Carlsbad	Project Name:	Beetle Juice 19 Fed 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/21/22 15:07

ND	Analyte NOT DETECTED at or above the reporting limit
	· · · · · · · · · · · · · · · · · · ·

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



1

Chain of Custody

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roject: <b>E</b>	Anager: To Sully N Sully N D-745	inice	9 Fed	3	1 A 1	ention:	Lab WO# E21100			0					2D	3D	Standard	CWA	SDW	
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Time iampled	Date Sampled	Matrix	No. of Containers	Sample ID		•	Lab Númbe	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM		TCEQ 1005 TX-TPH		Remark	s
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field sampl	ler), attest to the	validity and	authenticity	of this sample. I am a	ware that t	tampering with or intentionally mislab Sampled by: Scott	elling the sample loo	ation,		<u> </u>			-	-				ived on ice the day		d or receive
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mples is a	applicable only	to those sa	amples rec	eived by the labora	tory with I	this COC. The liability of the labor	atory is limited to	the an	nount	paid f	or on	the re	eport.					_		

Project Information

Page	8	of	Recei
Page	8	of	Receiv

Address:         Address:         Address:         Address:         Address:         Address:         City, State, Zip         Phone:         City, State, Zip         Phone:         City, State, Zip         Phone:         City, State, Zip         Phone:         Email:         mail:         Time         Date Sampled       Matrix       Address:         City, State, Zip         Phone:         Email:         Project # 1-/UT         Lab         Number         Sign colspan="2">City, State, Zip         Phone:         Email:         Project # 1-/UT         Lab         Sampled       Matrix       Colspan="2">Colspan="2">Colspan="2">City, State, Zip         Dispan="2">Colspan="2">Colspan="2">Lab         Sign colspan="2">City City, State, Zip <th c<="" th=""><th></th><th>GRO/DRO by 8015</th><th></th><th></th><th>010</th><th></th><th>er 2007 I Metho</th><th></th><th></th><th>3D TCEQ 1005 TX-TPH</th><th></th><th>NM CO</th><th>CWA State UT AZ Remarks</th><th>SDWA RCRA</th></th>	<th></th> <th>GRO/DRO by 8015</th> <th></th> <th></th> <th>010</th> <th></th> <th>er 2007 I Metho</th> <th></th> <th></th> <th>3D TCEQ 1005 TX-TPH</th> <th></th> <th>NM CO</th> <th>CWA State UT AZ Remarks</th> <th>SDWA RCRA</th>		GRO/DRO by 8015			010		er 2007 I Metho			3D TCEQ 1005 TX-TPH		NM CO	CWA State UT AZ Remarks	SDWA RCRA
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mail: ton @ pima.oil. Con eport due by: $Project # 1-147$ Time sampledDate SampledMatrixNo. of ContainersSample IDLab Number5011/16/22S1CS 3911551CS 4D12500CS 4D13500CS 4D13500CS 4D14500CS 4113500CS 4214500CS 4315500CS 44516	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0				TCEQ 1005 TX-TPH			UT AZ	ТХ	
mail:ton ( $e pi m a. bit). Com$ eport due by:Project # $1 - 147$ Time SampledDate SampledMatrixNo. of ContainersSample IDLab Number5011/16/22S1CS 3911551CS 4D12551CS 4D12500CS 4D135051CS 42145051CS 43155051CS 43155101CS 44145101CS 4517	DRO/ORO by 80	GRO/DRO by 80:	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0				TCEQ 1005 TX-TPH				ТХ	
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ditional Instructions: Billing # 20948131															
field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample locatio te or time of collection is considered fraud and may be grounds for legal action.	on,											e the day the bsequent day	ey are sampled /s.	or received	
linguighed by; (Signaruje) Date 1/1/22 1337 Received by (Signaruje) ULT/22 1337 MULLI KCyb 044				_	승규는		on ice:	C							
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			1	1		Temp		The second second							
mple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container 1 ote: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be i											oort fo	r the anal	usis of the -	hove	
mples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the								it exper		ne reț			7313 OF UIE 8	JUVE	

#### **Envirotech Analytical Laboratory**

#### Sample Receipt Checklist (SRC)

ient:	Pima Environmental Services-Carlsbad	Date Received:	11/18/22 06	5:30	Work Order ID: E211106
Phone:	(575) 631-6977	Date Logged In:	11/17/22 15	5:06	Logged In By: Caitlin Christian
Email:		Due Date:	11/18/22 17	7:00 (0 day TAT)	
Chain o	f Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match	n the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was t	he COC complete, i.e., signatures, dates/times, requeste	d analyses?	Yes		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.		Yes		Comments/Resolution
Sample	<u>Turn Around Time (TAT)</u>				
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes		Project Beetle Juice 19 Fed 3 has been
Sample	Cooler				separated into 8 reports.
7. Was a	sample cooler received?		Yes		E211103/E211104/E211105/E211106/E211
8. If yes	, was cooler received in good condition?		Yes		107/E211108/E211109/E211110. COC
9. Was t	he sample(s) received intact, i.e., not broken?		Yes		received with white out on time sampled
10. Were	e custody/security seals present?		No		-
11. If ye	s, were custody/security seals intact?		NA		by client.
12. Was 1	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are r minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample te	mperature: 4°	Ċ		
Sample	Container				
	<u>Container</u> aqueous VOC samples present?		No		
14. Are	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials?				
14. Are 15. Are	aqueous VOC samples present?		No		
14. Are 15. Are 16. Is th	aqueous VOC samples present? VOC samples collected in VOA Vials?		No NA		
14. Are 15. Are 16. Is th 17. Was	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)?		No NA NA		
14. Are 15. Are 16. Is th 17. Was 18. Are	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?	rs collected?	No NA NA NA		
14. Are 15. Are 16. Is th 17. Was 18. Are	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container	rs collected?	No NA NA NA Yes		
<ul> <li>14. Are</li> <li>15. Are</li> <li>16. Is th</li> <li>17. Was</li> <li>18. Are</li> <li>19. Is the</li> <li>Field La</li> <li>20. Were</li> </ul>	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform		No NA NA Yes Yes		
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID?		No NA NA Yes Yes		
<ul> <li>14. Are</li> <li>15. Are</li> <li>16. Is th</li> <li>17. Was</li> <li>18. Are</li> <li>19. Is the</li> <li>Field La</li> <li>20. Were</li> </ul>	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected?		No NA NA Yes Yes Yes		
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the <b>Field L</b> : 20. Were	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name?		No NA NA Yes Yes		
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the <b>Field La</b> 20. Were	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected?	nation:	No NA NA Yes Yes Yes		
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were Sample 21. Does	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation	nation:	No NA NA Yes Yes Yes No		
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 5 5 5 5 5 5 5 21. Does 22. Are	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pres	nation: served?	No NA NA Yes Yes Yes No		
<ol> <li>Are</li> <li>Are</li> <li>Is. Are</li> <li>Is the</li> <li>Field La</li> <li>Were</li> <li>Were</li> <li>Were</li> <li>Were</li> <li>Doe:</li> <li>22. Are</li> <li>24. Is la</li> </ol>	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were press sample(s) correctly preserved?	nation: served?	No NA NA Yes Yes Yes No No		
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the <b>Field La</b> 20. Were 20. Were 21. Doe: 22. Are 24. Is lai <u>Multiph</u>	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pres sample(s) correctly preserved? b filteration required and/or requested for dissolved met	nation: served? tals?	No NA NA Yes Yes Yes No No		
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the <b>Field Lz</b> 20. Were 20. Were 21. Does 22. Are 24. Is lai <u>Multiph</u> 26. Does	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were press sample(s) correctly preserved? b filteration required and/or requested for dissolved meta tase Sample Matrix	nation: served? tals? ?	No NA NA Yes Yes Yes No No NA No		
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the <b>Field La</b> 20. Were 21. Does 22. Are 24. Is lai <u>Multiph</u> 26. Does 27. If ye	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were press sample(s) correctly preserved? b filteration required and/or requested for dissolved met mase Sample Matrix s the sample have more than one phase, i.e., multiphase	nation: served? tals? ?	No NA NA Yes Yes Yes No No NA No		
14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the <b>Field La</b> 20. Were 21. Does 22. Are 24. Is lai <u>Multiph</u> 26. Does 27. If ye	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta tase Sample Matrix s the sample have more than one phase, i.e., multiphase is, does the COC specify which phase(s) is to be analyzed	nation: served? tals? ? ed?	No NA NA Yes Yes Yes No No NA No		

Signature of client authorizing changes to the COC or sample disposition.



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5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

# Pima Environmental Services-Carlsbad

Project Name:

Beetle Juice 19 Fed 3

Work Order: E211108

Job Number: 01058-0007

Received: 11/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/21/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 11/21/22

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Beetle Juice 19 Fed 3 Workorder: E211108 Date Received: 11/18/2022 6:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/18/2022 6:30:00AM, under the Project Name: Beetle Juice 19 Fed 3.

The analytical test results summarized in this report with the Project Name: Beetle Juice 19 Fed 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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#### Sample Summary

		Sample Sum					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	Beetle Juice 19 Fec 01058-0007 Tom Bynum	13	<b>Reported:</b> 11/21/22 12:18		
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container		
S69	E211108-01A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
\$70	E211108-02A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
\$71	E211108-03A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
\$72	E211108-04A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
\$73	E211108-05A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S74	E211108-06A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
\$75	E211108-07A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S76	E211108-08A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
577	E211108-09A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S78	E211108-10A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S79	E211108-11A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S80	E211108-12A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S81	E211108-13A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S82	E211108-14A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S83	E211108-15A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S84	E211108-16A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
S85	E211108-17A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
586	E211108-18A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
587	E211108-19A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		
588	E211108-20A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.		



	~	ampic D					
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe		tle Juice 19 58-0007	Fed 3			Reported:
Plains TX, 79355-0247	Project Manag		Bynum				11/21/2022 12:18:45PM
		050					
		CS69					
		E211108-01					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2247104
Benzene	ND	0.0250	1	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	1	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		100 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		100 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/17/22	11/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/17/22	11/19/22	
Surrogate: n-Nonane		79.0 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2247101
Chloride	ND	20.0	1	1	11/18/22	11/19/22	



	5	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3			
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				11/21/2022 12:18:45PM
		CS70					
		E211108-02					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247104
Benzene	ND	0.0250	1		11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1		11/18/22	11/19/22	
oluene	ND	0.0250	1		11/18/22	11/19/22	
-Xylene	ND	0.0250	1		11/18/22	11/19/22	
,m-Xylene	ND	0.0500	1		11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1		11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		100 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130		11/18/22	11/19/22	
urrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		100 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RA	S		Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	1		11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1		11/17/22	11/19/22	
urrogate: n-Nonane		80.1 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2247101
Chloride	ND	20.0	1		11/18/22	11/19/22	



		ample D	ata				
Pima Environmental Services-Carlsbad	Project Name:	Beet	le Juice 19	Fed 3			
PO Box 247	Project Numbe		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				11/21/2022 12:18:45PM
		CS71					
		E211108-03					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2247104
Benzene	ND	0.0250	1		11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1		11/18/22	11/19/22	
Toluene	ND	0.0250	1		11/18/22	11/19/22	
o-Xylene	ND	0.0250	1		11/18/22	11/19/22	
,m-Xylene	ND	0.0500	1		11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1		11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		100 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/18/22	11/19/22	
urrogate: Bromofluorobenzene		97.2 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		100 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	1		11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1		11/17/22	11/19/22	
Surrogate: n-Nonane		81.6 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL			Batch: 2247101
Chloride	ND	20.0	1		11/18/22	11/19/22	



	5	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3			
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum				11/21/2022 12:18:45PM
		CS72					
		E211108-04					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2247104
Benzene	ND	0.0250	1	l	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	l	11/18/22	11/19/22	
Toluene	ND	0.0250	1	l	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	l	11/18/22	11/19/22	
,m-Xylene	ND	0.0500	1	l	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	l	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		100 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		11/18/22	11/19/22	
Jurrogate: Toluene-d8		100 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: F	RAS		Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	1	l	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	l	11/17/22	11/19/22	
Surrogate: n-Nonane		85.1 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: k	KL		Batch: 2247101
Chloride	ND	20.0	1	l	11/18/22	11/19/22	



		ample D	uu				
Pima Environmental Services-Carlsbad	Project Name:		le Juice 19	Fed 3			
PO Box 247	Project Number		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				11/21/2022 12:18:45PM
		CS73					
		E211108-05					
		Reporting					
Analyte	Result	Limit	Dilu	tion Prej	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2247104
Benzene	ND	0.0250	1	11/1	8/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/1	8/22	11/19/22	
Toluene	ND	0.0250	1	11/1	8/22	11/19/22	
p-Xylene	ND	0.0250	1	11/1	8/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/1	8/22	11/19/22	
Fotal Xylenes	ND	0.0250	1	11/1	8/22	11/19/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130	11/1	8/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	11/1	8/22	11/19/22	
Surrogate: Toluene-d8		99.5 %	70-130	11/1	8/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/1	8/22	11/19/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130	11/1	8/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	11/1	8/22	11/19/22	
Surrogate: Toluene-d8		99.5 %	70-130	11/1	8/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	1	11/1	7/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/1	7/22	11/19/22	
Surrogate: n-Nonane		83.3 %	50-200	11/1	7/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL			Batch: 2247101
Chloride	ND	20.0	1	11/1	8/22	11/19/22	



	5	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:		le Juice 19	Fed 3		
PO Box 247	Project Number		8-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			11/21/2022 12:18:45PM
		CS74				
		E211108-06				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prepared	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY		Batch: 2247104
Benzene	ND	0.0250	1	11/18/22	2 11/19/22	
thylbenzene	ND	0.0250	1	11/18/22	2 11/19/22	
oluene	ND	0.0250	1	11/18/22	2 11/19/22	
-Xylene	ND	0.0250	1	11/18/22	2 11/19/22	
,m-Xylene	ND	0.0500	1	11/18/22	2 11/19/22	
Total Xylenes	ND	0.0250	1	11/18/22	2 11/19/22	
urrogate: Bromofluorobenzene		98.6 %	70-130	11/18/22	2 11/19/22	
urrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	11/18/22	2 11/19/22	
urrogate: Toluene-d8		101 %	70-130	11/18/22	2 11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY		Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	2 11/19/22	
urrogate: Bromofluorobenzene		98.6 %	70-130	11/18/22	2 11/19/22	
urrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	11/18/22	2 11/19/22	
urrogate: Toluene-d8		101 %	70-130	11/18/22	2 11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: RAS		Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	2 11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	2 11/19/22	
urrogate: n-Nonane		81.6 %	50-200	11/17/22	2 11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL		Batch: 2247101
Chloride	ND	20.0	1	11/18/22	2 11/19/22	



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	<b>D</b>	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3			
PO Box 247	Project Number: 01058-0007						Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				11/21/2022 12:18:45PM
		CS75					
		E211108-07					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2247104	
Benzene	ND	0.0250	1	l	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	l	11/18/22	11/19/22	
Toluene	ND	0.0250	1	l	11/18/22	11/19/22	
-Xylene	ND	0.0250	1	l	11/18/22	11/19/22	
,m-Xylene	ND	0.0500	1	l	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	l	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY	<i>I</i>		Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: R	AS		Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	1	l	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	l	11/17/22	11/19/22	
urrogate: n-Nonane		77.6 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: K	L		Batch: 2247101
Chloride	ND	20.0	1	l –	11/18/22	11/19/22	



	5	ample D	ala				
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3			
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				11/21/2022 12:18:45PM
		CS76					
		E211108-08					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247104
Benzene	ND	0.0250	1	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	:	1	11/18/22	11/19/22	
l'oluene	ND	0.0250	1	1	11/18/22	11/19/22	
-Xylene	ND	0.0250	1	1	11/18/22	11/19/22	
,m-Xylene	ND	0.0500	1	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	1	11/18/22	11/19/22	
urrogate: Bromofluorobenzene		98.2 %	70-130		11/18/22	11/19/22	
urrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		102 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/18/22	11/19/22	
urrogate: Bromofluorobenzene		98.2 %	70-130		11/18/22	11/19/22	
urrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		102 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: R	AS		Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	:	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0		1	11/17/22	11/19/22	
urrogate: n-Nonane		82.0 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: K	L		Batch: 2247101
Chloride	ND	20.0	1	1	11/18/22	11/19/22	



	5	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name:		le Juice 19	Fed 3			
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				11/21/2022 12:18:45PM
		CS77					
		E211108-09					
		Reporting					
Analyte	Result	Limit	Dilu	tion P	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247104
Benzene	ND	0.0250	1	1	1/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	1	1/18/22	11/19/22	
Toluene	ND	0.0250	1	1	1/18/22	11/19/22	
o-Xylene	ND	0.0250	1	1	1/18/22	11/19/22	
,m-Xylene	ND	0.0500	1	1	1/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	1	1/18/22	11/19/22	
Surrogate: Bromofluorobenzene		97.7 %	70-130	1	1/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	1	1/18/22	11/19/22	
Surrogate: Toluene-d8		100 %	70-130	1	1/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	1/18/22	11/19/22	
urrogate: Bromofluorobenzene		97.7 %	70-130	1	1/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	1	1/18/22	11/19/22	
urrogate: Toluene-d8		100 %	70-130	1	1/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	1	1	1/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	1/17/22	11/19/22	
Surrogate: n-Nonane		80.5 %	50-200	1	1/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2247101
Chloride	ND	20.0	1	1	1/18/22	11/19/22	



	5	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3			
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum				11/21/2022 12:18:45PM
		CS78					
		E211108-10					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2247104	
Benzene	ND	0.0250	1		11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1		11/18/22	11/19/22	
Toluene	ND	0.0250	1		11/18/22	11/19/22	
-Xylene	ND	0.0250	1		11/18/22	11/19/22	
,m-Xylene	ND	0.0500	1		11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1		11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		97.6 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		97.6 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS	S		Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	1		11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1		11/17/22	11/19/22	
Surrogate: n-Nonane		81.8 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2247101
Chloride	ND	20.0	1		11/18/22	11/19/22	



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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Num Project Mana	ber: 0103	le Juice 19 58-0007 Bynum	Fed 3			<b>Reported:</b> 11/21/2022 12:18:45PM
		<b>CS79</b>					
		E211108-11					
Analyte	Result	Reporting Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY	,		Batch: 2247104
Benzene	ND	0.0250	1	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	1	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	l	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	1	11/18/22	11/19/22	
Fotal Xylenes	ND	0.0250	1	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		94.6 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		99.9 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY	-		Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		94.6 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		99.9 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: R.	AS		Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/17/22	11/19/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	11/17/22	11/19/22	
Surrogate: n-Nonane		79.2 %	50-200		11/17/22	11/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: K	L		Batch: 2247101
Chloride	ND	20.0	1	1	11/18/22	11/19/22	



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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Nam Project Num Project Man	ber: 0103	le Juice 1 58-0007 Bynum	9 Fed 3			<b>Reported:</b> 11/21/2022 12:18:45PM
		<b>CS80</b>					
		E211108-12					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	IY		Batch: 2247104
Benzene	ND	0.0250		1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250		1	11/18/22	11/19/22	
Toluene	ND	0.0250		1	11/18/22	11/19/22	
o-Xylene	ND	0.0250		1	11/18/22	11/19/22	
p,m-Xylene	ND	0.0500		1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250		1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.2 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		100 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.2 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		100 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0		1	11/17/22	11/20/22	
Oil Range Organics (C28-C36)	ND	50.0		1	11/17/22	11/20/22	
Surrogate: n-Nonane		79.6 %	50-200		11/17/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	KL		Batch: 2247101
Chloride	ND	20.0		1	11/18/22	11/19/22	



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Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numb		le Juice 19 F 58-0007	ed 3		Reported:
Plains TX, 79355-0247	Project Numb Project Manag		Bynum			11/21/2022 12:18:45PM
Tians 1A, 79555-0247	i ioject Manaş	ger. Tom	Dynum			11/21/2022 12:10:4511
		CS81				
		E211108-13				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	nalyst: IY		Batch: 2247104
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		96.4 %	70-130	11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	11/18/22	11/19/22	
Surrogate: Toluene-d8		101 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		96.4 %	70-130	11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	11/18/22	11/19/22	
Surrogate: Toluene-d8		101 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	Analyst: RAS		Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/20/22	
Surrogate: n-Nonane		80.6 %	50-200	11/17/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: KL		Batch: 2247101
Chloride	ND	20.0	1	11/18/22	11/19/22	



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Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Num Project Mana	ber: 0103	le Juice 19 Fe 58-0007 Bynum	ed 3		<b>Reported:</b> 11/21/2022 12:18:45PM
		CS82				
		E211108-14				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2247104
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
o-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130	11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	11/18/22	11/19/22	
Surrogate: Toluene-d8		99.6 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	cg Analyst: IY			Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		97.5 %	70-130	11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	11/18/22	11/19/22	
Surrogate: Toluene-d8		99.6 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	Analyst: RAS		Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/20/22	
Surrogate: n-Nonane		81.7 %	50-200	11/17/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: KL		Batch: 2247101
Chloride	ND	20.0	1	11/18/22	11/19/22	



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Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3		
PO Box 247	Project Numb		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum			11/21/2022 12:18:45PM
		CS83				
		E211108-15				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY		Batch: 2247104
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
oluene	ND	0.0250	1	11/18/22	11/19/22	
o-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		95.2 %	70-130	11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	11/18/22	11/19/22	
Surrogate: Toluene-d8		99.7 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY		Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		95.2 %	70-130	11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	11/18/22	11/19/22	
Surrogate: Toluene-d8		99.7 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: RAS		Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/20/22	
Surrogate: n-Nonane		82.8 %	50-200	11/17/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL		Batch: 2247101
Chloride	ND	20.0	1	11/18/22	11/19/22	



	D	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3			
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	iger: Tom	Bynum				11/21/2022 12:18:45PM
		CS84					
		E211108-16					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247104
Benzene	ND	0.0250	1		11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1		11/18/22	11/19/22	
Toluene	ND	0.0250	1		11/18/22	11/19/22	
-Xylene	ND	0.0250	1		11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1		11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1		11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RA	.S		Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	1		11/17/22	11/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1		11/17/22	11/20/22	
Surrogate: n-Nonane		77.8 %	50-200		11/17/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2247101
Chloride	ND	20.0	1		11/18/22	11/19/22	



Sample Data
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		Sample D	ata			
Pima Environmental Services-Carlsbad	Project Nam		le Juice 19 F			
PO Box 247	Project Num		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum			11/21/2022 12:18:45PM
		CS85				
		E211108-17				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	.nalyst: IY		Batch: 2247104
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
o-Xylene	ND	0.0250	1	11/18/22	11/19/22	
,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130	11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	11/18/22	11/19/22	
urrogate: Toluene-d8		101 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: IY		Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130	11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	11/18/22	11/19/22	
Surrogate: Toluene-d8		101 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: RAS		Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/20/22	
Surrogate: n-Nonane		80.1 %	50-200	11/17/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: KL		Batch: 2247101
Chloride	ND	20.0	1	11/18/22	11/19/22	



	5	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name	: Beet	le Juice 19	Fed 3			
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum				11/21/2022 12:18:45PM
		CS86					
		E211108-18					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2247104
Benzene	ND	0.0250	1	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	1	11/18/22	11/19/22	
-Xylene	ND	0.0250	1	1	11/18/22	11/19/22	
,m-Xylene	ND	0.0500	1	l	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		96.9 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/17/22	11/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	11/17/22	11/20/22	
Surrogate: n-Nonane		80.9 %	50-200		11/17/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2247101
Chloride	ND	20.0	1	1	11/18/22	11/19/22	



	5	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3			
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				11/21/2022 12:18:45PM
		<b>CS87</b>					
		E211108-19					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2247104
Benzene	ND	0.0250	:	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	1	11/18/22	11/19/22	
-Xylene	ND	0.0250	1	1	11/18/22	11/19/22	
,m-Xylene	ND	0.0500	1	1	11/18/22	11/19/22	
Fotal Xylenes	ND	0.0250	1	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130		11/18/22	11/19/22	
urrogate: 1,2-Dichloroethane-d4		99.7 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		100 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		100 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: F	RAS		Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	:	1	11/17/22	11/20/22	
Dil Range Organics (C28-C36)	ND	50.0		1	11/17/22	11/20/22	
urrogate: n-Nonane		81.3 %	50-200		11/17/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: ŀ	KL		Batch: 2247101
Chloride	ND	20.0		1	11/18/22	11/19/22	



	b	ample D	ala				
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3			
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	iger: Tom	Bynum				11/21/2022 12:18:45PM
		<b>CS88</b>					
		E211108-20					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2247104
Benzene	ND	0.0250	1	l	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1		11/18/22	11/19/22	
oluene	ND	0.0250	1		11/18/22	11/19/22	
-Xylene	ND	0.0250	1		11/18/22	11/19/22	
,m-Xylene	ND	0.0500	1		11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1		11/18/22	11/19/22	
urrogate: Bromofluorobenzene		97.0 %	70-130		11/18/22	11/19/22	
urrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: Г	Y		Batch: 2247104
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/18/22	11/19/22	
urrogate: Bromofluorobenzene		97.0 %	70-130		11/18/22	11/19/22	
urrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: R	AS		Batch: 2247086
Diesel Range Organics (C10-C28)	ND	25.0	1	l	11/17/22	11/20/22	
Dil Range Organics (C28-C36)	ND	50.0	1		11/17/22	11/20/22	
urrogate: n-Nonane		83.5 %	50-200		11/17/22	11/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: K	Ľ		Batch: 2247101
Chloride	ND	20.0	1		11/18/22	11/19/22	



# QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name:Beetle Juice 19 Fed 3Project Number:01058-0007								Reported:
Plains TX, 79355-0247		Project Manager:	To	om Bynum				11	/21/2022 12:18:45PM
	V	Volatile Organic	Compo	unds by EF	PA 82601	3			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247104-BLK1)						Р	repared: 1	1/18/22 Ana	lyzed: 11/18/22
Benzene	ND	0.0250							-
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			
LCS (2247104-BS1)						P	repared: 1	1/18/22 Ana	lyzed: 11/19/22
Benzene	2.26	0.0250	2.50		90.3	70-130			
Ethylbenzene	2.21	0.0250	2.50		88.6	70-130			
Toluene	2.24	0.0250	2.50		89.6	70-130			
p-Xylene	2.34	0.0250	2.50		93.5	70-130			
o,m-Xylene	4.47	0.0500	5.00		89.3	70-130			
Total Xylenes	6.80	0.0250	7.50		90.7	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			
LCS Dup (2247104-BSD1)						P	repared: 1	1/18/22 Ana	lyzed: 11/19/22
Benzene	2.29	0.0250	2.50		91.6	70-130	1.50	23	
Ethylbenzene	2.30	0.0250	2.50		92.0	70-130	3.79	27	
Toluene	2.34	0.0250	2.50		93.7	70-130	4.50	24	
p-Xylene	2.44	0.0250	2.50		97.6	70-130	4.31	27	
p,m-Xylene	4.65	0.0500	5.00		93.1	70-130	4.08	27	
Total Xylenes	7.09	0.0250	7.50		94.6	70-130	4.16	27	
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
	0.487		0.500		07.2	70 120			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			



# **QC Summary Data**

		QC D		ary Date	4								
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:		Beetle Juice 19 01058-0007 Tom Bynum	Fed 3				<b>Reported:</b> 11/21/2022 12:18:45PM				
	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: IY				
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes				
Blank (2247104-BLK1)							Prepared: 1	1/18/22 A	nalyzed: 11/18/22				
Gasoline Range Organics (C6-C10)	ND	20.0											
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130							
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130							
Surrogate: Toluene-d8	0.506		0.500		101	70-130							
LCS (2247104-BS2)							Prepared: 1	1/18/22 A	nalyzed: 11/19/22				
Gasoline Range Organics (C6-C10)	47.5	20.0	50.0		94.9	70-130							
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130							
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130							
Surrogate: Toluene-d8	0.500		0.500		100	70-130							
LCS Dup (2247104-BSD2)							Prepared: 1	1/18/22 A	nalyzed: 11/19/22				
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0		99.8	70-130	5.03	20					
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130							
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.1	70-130							
Surrogate: Toluene-d8	0.505		0.500		101	70-130							



# QC Summary Data

		QC DI		ary Dat	"				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:		Beetle Juice 19 01058-0007 Tom Bynum	Fed 3				<b>Reported:</b> 11/21/2022 12:18:45PM
	Nonh	alogenated Orga		•	D - DRO	/ORO			Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2247086-BLK1)							Prepared: 1	1/17/22 A	analyzed: 11/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.0		50.0		79.9	50-200			
LCS (2247086-BS1)							Prepared: 1	1/17/22 A	analyzed: 11/19/22
Diesel Range Organics (C10-C28)	219	25.0	250		87.8	38-132			
Surrogate: n-Nonane	40.3		50.0		80.5	50-200			
Matrix Spike (2247086-MS1)				Source:	E211108-	15	Prepared: 1	1/17/22 A	analyzed: 11/19/22
Diesel Range Organics (C10-C28)	221	25.0	250	ND	88.5	38-132			
Surrogate: n-Nonane	38.5		50.0		77.1	50-200			
Matrix Spike Dup (2247086-MSD1)				Source:	E211108-	15	Prepared: 1	1/17/22 A	analyzed: 11/19/22
Diesel Range Organics (C10-C28)	208	25.0	250	ND	83.2	38-132	6.07	20	
Surrogate: n-Nonane	38.4		50.0		76.8	50-200			



# **QC Summary Data**

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Pima Environmental Services-Carlsbad		Project Name: Beetle Juice 19 Fed 3							Reported:
PO Box 247		5	Project Number: 01058-0007						
Plains TX, 79355-0247	s TX, 79355-0247 Project Manager: Tom Bynum								11/21/2022 12:18:45PM
		Anions l	by EPA	<b>300.0/9056</b> A	4				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247101-BLK1)							Prepared: 1	1/18/22 A	nalyzed: 11/19/22
Chloride	ND	20.0							
LCS (2247101-BS1)							Prepared: 1	1/18/22 A	nalyzed: 11/19/22
hloride	245	20.0	250		98.1	90-110			
LCS Dup (2247101-BSD1)							Prepared: 1	1/18/22 A	nalyzed: 11/19/22
Chloride	248	20.0	250		99.1	90-110	1.07	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Pima Environmental Services-Carlsbad	Project Name:	Beetle Juice 19 Fed 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/21/22 12:18

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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Release

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. Project Information

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Client: Pima Environmental	Bill To			3873	تا ا	ab Us	e On	ly 🔄		á.		TA		EPA P	rogram
Project: BeeHe Juice 19 Fed 3	Attention:		Lab '	WQ#			Job I			1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum	Address:		E2	wo# 2111	08				0007	X					
Address: 5614 N. lovington thoy	City, State, Zip						Analy	sis ar	d Metho	od					RCRA
City, State, Zip Hehos, NM, 88240	Phone:													<u> </u>	
Phone: 580-748-1613 Email: tom@pimapi1.com	Email:		8015	8015								£	NM CO	State UT AZ	
Report due by:	Project # 1-147		0 pA	Â	8021	3260	뤙	300.0		MN		T-XT S	×		
Time Date Sampled Matrix Conteiners Sample ID		Lab	ORO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM		TCEQ 1005 TX-TPH		Remarks	
		Number	٥	0	60	5	2	<u> </u>				- <u>P</u>			
9:20 11/16/22 S 1 0879		11								X					
9:25 1 1 1 0580		12								1					
9:30 0581		13												Ţ	
9:35 CS 82		14													
9:40 CS 83		15													
9:45 CS 84		10			_										
9:50 CSB5		17								++					
										┼╊			_		
9:55 CS 86		18								11			_		
0:00 2587		19													
10:05 1. 1 CS88		20													
Additional Instructions: Billing # 2094	R 121						_								
I, (field sampler), attest to the validity and authenticity of this sample. I am a	ware that tampering with or intentionally mislabelling the	sample locati	on,				Samples	requir	ng thermal p	reservati	on must	be receive	ed on ice the day the	y are sampled	or received
date or time of collection is considered fraud and may be grounds for legal a					-		packed	in ice at	an avg temp	above 0	but less	than 6°0	C on subsequent day	5.	
Relinguished by: (Signature)	37 Mullekter	Date 11-17-2	22	Time 73	37	7	Rece	ived	on ice:	Li A	ab Us 7 N	e Only			
Refinquished by: (Signiture) McCull Cy II-722 16		Date / 1/18/	22	Time		0			波 : "	1000			<u></u>		
Relinquished by: (Signature) Date Time		Date		Time			n ngi Goldania			4				<u></u>	
Sample Materix S. Soil Sd. Solid Sg. Sludge A. Aguagus O. Other		Container	Tunc		lass		AVG			<u>or cla</u>					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 30 days after results are reported uni		Container											ort for the analy	sis of the a	hove
samples is applicable only to those samples received by the labora										. cope		ne rept	actor are analy	sis or the d	5546
						E	3	e	er	) \	/1	i r	ot	e	ch
	Page 32	of 33								- 1	- 1			-	
#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Email:       tom@pimaoil.com       Due Date:       11/18/22 17:00 (0 day TAT)         Chain of Custody (COC)       .         1. Does the sample ID match the COC?       Yes         2. Does the number of samples per sampling site location match the COC       Yes         3. Were samples dropped off by client or carrier?       Yes         4. Was the COC complete, i.e., signatures, dates/times, requested analyses?       Yes         5. Were all samples received within holding time?       Yes         Note: Analysis, such as pH which should be conducted in the field, i.e. 15 minute hold time, are not included in this discussion.       Sample Turn Around Time (TAT)         6. Did the COC indicate standard TAT, or Expedited TAT?       Yes       Project Beether separated into:         7. Was a sample cooler received?       Yes       E211103/E21         8. If yes, was cooler received in good condition?       Yes       Yes         9. Was the sample (s) received intact, i.e., not broken?       Yes       Yes         10. Were custody/security seals present?       No       No       No         11. If yes, were custody/security seals intact?       NA       NA       Yes         12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes       Semider the semider the sample semider the sample semider the sample semidereceived withis by client.         13. I	gged In By: Caitlin Christian <u>Comments/Resolution</u> e Juice 19 Fed 3 has been b 8 reports. 1104/E211105/E211106/E211 /E211109/E211110. COC white out on time sampled
Email:       tom@pimaoil.com       Due Date:       11/18/22 17:00 (0 day TAT)         Chain of Custody (COC)       11/18/22 17:00 (0 day TAT)         1. Does the sample ID match the COC?       Yes         2. Does the number of samples per sampling site location match the COC       Yes         3. Were samples dropped off by client or carrier?       Yes         4. Was the COC complete, i.e., signatures, dates/times, requested analyses?       Yes         5. Were all samples received within holding time?       Yes         Note: Analysis, such as pH which should be conducted in the field, i.e. 15 minute hold time, are not included in this discussion.       Sample Turn Around Time (TAT)         6. Did the COC indicate standard TAT, or Expedited TAT?       Yes       Project Beetle separated into:         7. Was a sample cooler received?       Yes       Yes         8. If yes, was cooler received in good condition?       Yes       Yes         9. Was the sample (s) received intact, i.e., not broken?       Yes       Yes         10. Were custody/security seals present?       No       No       No         11. If yes, were custody/security seals intact?       NA       NA       Yes         12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes       Yes         13. If no visible ice, record the temperature.       Actual sample scollected	<u>Comments/Resolution</u> e Juice 19 Fed 3 has been o 8 reports. 1104/E211105/E211106/E211 /E211109/E211110. COC
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3. Were samples dropped off by client or carrier?       Yes       Carrier: Courier         4. Was the COC complete, i.e., signatures, dates/times, requested analyses?       Yes         5. Were all samples received within holding time?       Yes         Note: Analysis, such as pH which should be conducted in the field, i.e. 15 minute hold time, are not included in this discussion.       Yes         Sample Turn Around Time (TAT)       Yes       Project Beetled         6. Did the COC indicate standard TAT, or Expedited TAT?       Yes       E211103/E21         7. Was a sample cooler       Yes       E211103/E21         8. If yes, was cooler received in good condition?       Yes       E211103/E21         10. Were custody/security seals present?       No       No         10. Were custody/security seals intact?       NA       NA         11. If yes, were custody/security seals intact?       NA       NA         12. Was the sample preceived on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes       Yes         13. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> Sample Container       Yes         14. Are aqueous VOC samples present?       No       No       Yes         15. Are VOC samples collected in VOA Vials?       NA       NA       Iota the head space less than 6-8 mm (pea sized or less)?       NA	e Juice 19 Fed 3 has been o 8 reports. 1104/E211105/E211106/E211 /E211109/E211110. COC
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4. Was the COC complete, i.e., signatures, dates/times, requested analyses?       Yes         5. Were all samples received within holding time?       Yes         Note: Analysis, such as PH which should be conducted in the field,       i.e, 15 minute hold time, are not included in this discussion.         Sample Turn Around Time (TAT)       Froject Beetle         6. Did the COC indicate standard TAT, or Expedited TAT?       Yes         Sample Cooler       Yes         7. Was a sample cooler received?       Yes         8. If yes, was cooler received in good condition?       Yes         9. Was the sample(s) received intact, i.e., not broken?       Yes         10. Were custody/security seals present?       No         10. Were custody/security seals intact?       NA         11. If yes, were custody/security seals intact?       NA         12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling       No         13. If no visible ice, record the temperature. Actual sample temperature: 4°C       Sample Container         14. Are aqueous VOC samples present?       No         15. Are VOC samples collected in VOA Vials?       NA         16. Is the head space less than 6-8 mm (pea sized or less)?       NA         17. Was a trip blank (TB) i	e Juice 19 Fed 3 has been o 8 reports. 1104/E211105/E211106/E211 /E211109/E211110. COC
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7. Was a sample cooler received?       Yes       E211103/E21         8. If yes, was cooler received in good condition?       Yes       107/E211108         9. Was the sample(s) received intact, i.e., not broken?       Yes       107/E211108         10. Were custody/security seals present?       No       no         11. If yes, were custody/security seals intact?       NA       by client.         12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes       Yes         Mote: Thermal preservation is not required, if samples are received w/i 15       minutes of sampling       13. If no visible ice, record the temperature. Actual sample temperature: 4°C       Sample Container         14. Are aqueous VOC samples present?       No       No       15. Are VOC samples collected in VOA Vials?       NA         16. Is the head space less than 6-8 mm (pea sized or less)?       NA       NA       17. Was a trip blank (TB) included for VOC analyses?       NA	1104/E211105/E211106/E211 /E211109/E211110. COC
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8. If yes, was cooler received in good condition?       Yes       107/E211108         9. Was the sample(s) received intact, i.e., not broken?       Yes       received with         10. Were custody/security seals present?       No       No         11. If yes, were custody/security seals intact?       NA       by client.         12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes       Yes         Note: Thermal preservation is not required, if samples are received w/i 15       Yes       Yes         13. If no visible ice, record the temperature. Actual sample temperature: 4°C       Yes       Yes         14. Are aqueous VOC samples present?       No       No       Yes         15. Are VOC samples collected in VOA Vials?       NA       NA       Yes         16. Is the head space less than 6-8 mm (pea sized or less)?       NA       NA         17. Was a trip blank (TB) included for VOC analyses?       NA       NA	/E211109/E211110. COC
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11. If yes, were custody/security sears intact?       NA         12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling       Yes         13. If no visible ice, record the temperature. Actual sample temperature: 4°C       Sample Container         14. Are aqueous VOC samples present?       No         15. Are VOC samples collected in VOA Vials?       NA         16. Is the head space less than 6-8 mm (pea sized or less)?       NA         17. Was a trip blank (TB) included for VOC analyses?       NA	
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17. Was a trip blank (TB) included for VOC analyses? NA	
18. Are non-VOC samples collected in the correct containers? Yes	
19. Is the appropriate volume/weight or number of sample containers collected? Yes	
Field Label	
20. Were field sample labels filled out with the minimum information:	
Sample ID? Yes Date/Time Collected? Yes	
Collectors name? No	
Sample Preservation	
21. Does the COC or field labels indicate the samples were preserved? No	
22. Are sample(s) correctly preserved? NA	
24. Is lab filteration required and/or requested for dissolved metals? No	
Multiphase Sample Matrix	
26. Does the sample have more than one phase, i.e., multiphase? No	
27. If yes, does the COC specify which phase(s) is to be analyzed? NA	
Subcontract Laboratory	
28. Are samples required to get sent to a subcontract laboratory? No	
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na	
Client Instruction	



Date

envirotech Inc.

Signature of client authorizing changes to the COC or sample disposition.



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

# Pima Environmental Services-Carlsbad

Project Name:

Beetle Juice 19 Fed 3

Work Order: E211109

Job Number: 01058-0007

Received: 11/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/21/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 11/21/22

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Beetle Juice 19 Fed 3 Workorder: E211109 Date Received: 11/18/2022 6:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/18/2022 6:30:00AM, under the Project Name: Beetle Juice 19 Fed 3.

The analytical test results summarized in this report with the Project Name: Beetle Juice 19 Fed 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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#### Sample Summary

		Sample Sum	mary		
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	Beetle Juice 19 Fec 01058-0007 Tom Bynum	13	<b>Reported:</b> 11/21/22 13:53
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
589	E211109-01A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S90	E211109-02A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
591	E211109-03A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
592	E211109-04A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
\$93	E211109-05A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
\$94	E211109-06A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
\$95	E211109-07A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S96	E211109-08A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
\$97	E211109-09A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
\$98	E211109-10A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S99	E211109-11A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S100	E211109-12A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S101	E211109-13A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S102	E211109-14A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S103	E211109-15A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
S104	E211109-16A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
\$105	E211109-17A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
\$106	E211109-18A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
\$107	E211109-19A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.
5108	E211109-20A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.



	. Du	imple D	uu			
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe		le Juice 19 Fe 58-0007	d 3		Reported:
Plains TX, 79355-0247	Project Manage	er: Tom	Bynum			11/21/2022 1:53:07PM
		CS89				
	]	E211109-01				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	alyst: IY		Batch: 2247105
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
o-Xylene	ND	0.0250	1	11/18/22	11/19/22	
p,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130	11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	11/18/22	11/19/22	
Surrogate: Toluene-d8		102 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: IY		Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		96.3 %	70-130	11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	11/18/22	11/19/22	
Surrogate: Toluene-d8		102 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: RAS		Batch: 2247087
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/21/22	
Surrogate: n-Nonane		100 %	50-200	11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2247102
Chloride	ND	20.0	1	11/18/22	11/19/22	

	K.	sample D	ala			
Pima Environmental Services-Carlsbad PO Box 247	Project Nam Project Num	ber: 0103	le Juice 19	Fed 3		Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum			11/21/2022 1:53:07PM
		CS90				
		E211109-02				
		Reporting				
Analyte	Result	Limit	Dilu	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY		Batch: 2247105
Benzene	ND	0.0250	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	11/18/22	11/19/22	
o-Xylene	ND	0.0250	1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
Fotal Xylenes	ND	0.0250	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130	11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	11/18/22	11/19/22	
Surrogate: Toluene-d8		99.5 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY		Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130	11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	11/18/22	11/19/22	
urrogate: Toluene-d8		99.5 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: RAS	Batch: 2247087	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/21/22	
Surrogate: n-Nonane		99.3 %	50-200	11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL		Batch: 2247102
Chloride	ND	20.0	1	11/18/22	11/19/22	



	2	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Num Project Mana	ber: 0103	le Juice 19 I 58-0007 Bynum	Fed 3		<b>Reported:</b> 11/21/2022 1:53:07PM
		CS91				
		E211109-03				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2247105
Benzene	ND	0.0250	1	11/18/22	11/19/22	
thylbenzene	ND	0.0250	1	11/18/22	11/19/22	
oluene	ND	0.0250	1	11/18/22	11/19/22	
-Xylene	ND	0.0250	1	11/18/22	11/19/22	
,m-Xylene	ND	0.0500	1	11/18/22	11/19/22	
fotal Xylenes	ND	0.0250	1	11/18/22	11/19/22	
'urrogate: Bromofluorobenzene		96.2 %	70-130	11/18/22	11/19/22	
urrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	11/18/22	11/19/22	
urrogate: Toluene-d8		100 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/22	11/19/22	
urrogate: Bromofluorobenzene		96.2 %	70-130	11/18/22	11/19/22	
urrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	11/18/22	11/19/22	
urrogate: Toluene-d8		100 %	70-130	11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: RAS	Batch: 2247087	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/21/22	
urrogate: n-Nonane		105 %	50-200	11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: KL		Batch: 2247102
Chloride	ND	20.0	1	11/18/22	11/19/22	



	5	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3			
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum				11/21/2022 1:53:07PM
		CS92					
		E211109-04					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2247105
Benzene	ND	0.0250	1	l	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	l	11/18/22	11/19/22	
Toluene	ND	0.0250	1	l	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	l	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	l	11/18/22	11/19/22	
Fotal Xylenes	ND	0.0250	1	l	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		99.0 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		102 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		99.0 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		102 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2247087
Diesel Range Organics (C10-C28)	ND	25.0	1	l	11/17/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	l	11/17/22	11/21/22	
Surrogate: n-Nonane		104 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: H	KL		Batch: 2247102
Chloride	ND	20.0	1	l	11/18/22	11/19/22	



	<b>D</b>	ample D	ala				
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3			
PO Box 247	Project Numb		58-0007			Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				11/21/2022 1:53:07PM
		CS93					
		E211109-05					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY	ſ		Batch: 2247105
Benzene	ND	0.0250	1	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	l	11/18/22	11/19/22	
Toluene	ND	0.0250	1	l	11/18/22	11/19/22	
-Xylene	ND	0.0250	1	l	11/18/22	11/19/22	
,m-Xylene	ND	0.0500	1	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130		11/18/22	11/19/22	
urrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		102 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		102 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2247087
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/17/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	11/17/22	11/21/22	
urrogate: n-Nonane		103 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: K	L		Batch: 2247102
Chloride	ND	20.0	1	1	11/18/22	11/19/22	



		ample Da	ara				
Pima Environmental Services-Carlsbad	Project Name:		le Juice 19	Fed 3			
PO Box 247	Project Numb		8-0007			Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				11/21/2022 1:53:07PM
		CS94					
		E211109-06					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247105
Benzene	ND	0.0250	1		11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1		11/18/22	11/19/22	
Toluene	ND	0.0250	1		11/18/22	11/19/22	
p-Xylene	ND	0.0250	1		11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1		11/18/22	11/19/22	
Fotal Xylenes	ND	0.0250	1		11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		103 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		103 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2247087
Diesel Range Organics (C10-C28)	ND	25.0	1		11/17/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1		11/17/22	11/21/22	
Surrogate: n-Nonane		104 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: Kl	_		Batch: 2247102
Chloride	ND	20.0	1		11/18/22	11/19/22	



	5	ample D	ala				
Pima Environmental Services-Carlsbad	Project Name:	Beet	le Juice 19	Fed 3			
PO Box 247	Project Numb		58-0007			Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				11/21/2022 1:53:07PM
		CS95					
		E211109-07					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY	7		Batch: 2247105
Benzene	ND	0.0250	1	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	l	11/18/22	11/19/22	
Toluene	ND	0.0250	1	l	11/18/22	11/19/22	
-Xylene	ND	0.0250	1	l	11/18/22	11/19/22	
,m-Xylene	ND	0.0500	1	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.8 %	70-130		11/18/22	11/19/22	
urrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		99.7 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY	7		Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.8 %	70-130		11/18/22	11/19/22	
urrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		99.7 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2247087
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/17/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	11/17/22	11/21/22	
urrogate: n-Nonane		103 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: K	L		Batch: 2247102
Chloride	ND	20.0	1	1	11/18/22	11/19/22	



	5	ample D	ala				
Pima Environmental Services-Carlsbad	Project Name:		le Juice 19	Fed 3			
PO Box 247	Project Numbe		8-0007			Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				11/21/2022 1:53:07PM
		CS96					
		E211109-08					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247105
enzene	ND	0.0250	1	l	11/18/22	11/19/22	
thylbenzene	ND	0.0250	1	l	11/18/22	11/19/22	
oluene	ND	0.0250	1	l	11/18/22	11/19/22	
-Xylene	ND	0.0250	1	l	11/18/22	11/19/22	
m-Xylene	ND	0.0500	1	l	11/18/22	11/19/22	
otal Xylenes	ND	0.0250	1	l	11/18/22	11/19/22	
urrogate: Bromofluorobenzene		99.2 %	70-130		11/18/22	11/19/22	
urrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		102 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	11/18/22	11/19/22	
urrogate: Bromofluorobenzene		99.2 %	70-130		11/18/22	11/19/22	
urrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		102 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS			Batch: 2247087
Diesel Range Organics (C10-C28)	ND	25.0	1	l	11/17/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	l	11/17/22	11/21/22	
urrogate: n-Nonane		105 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL			Batch: 2247102
Chloride	ND	20.0	1	l	11/18/22	11/19/22	



	5	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3			
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom		11/21/2022 1:53:07PM			
		CS97					
		E211109-09					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2247105
Benzene	ND	0.0250	1	l	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	l	11/18/22	11/19/22	
Toluene	ND	0.0250	1	l	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	l	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1	l	11/18/22	11/19/22	
Fotal Xylenes	ND	0.0250	1	l	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		99.0 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		99.9 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		99.0 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		99.9 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS				Batch: 2247087
Diesel Range Organics (C10-C28)	ND	25.0	1	l	11/17/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	l	11/17/22	11/21/22	
Surrogate: n-Nonane		104 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: ŀ	KL		Batch: 2247102
Chloride	ND	20.0	1	l	11/18/22	11/19/22	



	56	ample D	ala				
Pima Environmental Services-Carlsbad	Project Name:	Beet	le Juice 19	Fed 3			
PO Box 247	Project Number:01058-0007Project Manager:Tom Bynum					Reported:	
Plains TX, 79355-0247							11/21/2022 1:53:07PM
		CS98					
		E211109-10					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2247105
Benzene	ND	0.0250	1	l	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	l	11/18/22	11/19/22	
oluene	ND	0.0250	1	l	11/18/22	11/19/22	
-Xylene	ND	0.0250	1	l	11/18/22	11/19/22	
,m-Xylene	ND	0.0500	1	l	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	l	11/18/22	11/19/22	
'urrogate: Bromofluorobenzene		98.1 %	70-130		11/18/22	11/19/22	
urrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	11/18/22	11/19/22	
urrogate: Bromofluorobenzene		98.1 %	70-130		11/18/22	11/19/22	
urrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: RAS				Batch: 2247087
Diesel Range Organics (C10-C28)	ND	25.0	1	l	11/17/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	l	11/17/22	11/21/22	
urrogate: n-Nonane		102 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: Kl	_		Batch: 2247102
Chloride	ND	20.0	1	l	11/18/22	11/19/22	



		sample D	ala				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Nam Project Num Project Mana	ber: 0105	le Juice 19 58-0007 Bynum	Fed 3			<b>Reported:</b> 11/21/2022 1:53:07PM
		CS99					
		E211109-11					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2247105
Benzene	ND	0.0250	1	1	11/18/22	11/19/22	
thylbenzene	ND	0.0250	1	1	11/18/22	11/19/22	
oluene	ND	0.0250	1	1	11/18/22	11/19/22	
-Xylene	ND	0.0250	1	l	11/18/22	11/19/22	
,m-Xylene	ND	0.0500	1	1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	1	11/18/22	11/19/22	
urrogate: Bromofluorobenzene		97.0 %	70-130		11/18/22	11/19/22	
urrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Ŷ	Batch: 2247105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/18/22	11/19/22	
urrogate: Bromofluorobenzene		97.0 %	70-130		11/18/22	11/19/22	
urrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		11/18/22	11/19/22	
urrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: RAS				Batch: 2247087
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/17/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	11/17/22	11/21/22	
urrogate: n-Nonane		102 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: K	L		Batch: 2247102
Chloride	ND	20.0	1	1	11/18/22	11/19/22	



Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Nam Project Num Project Mana	ber: 0105	le Juice 19 58-0007 Bynum	Fed 3			<b>Reported:</b> 11/21/2022 1:53:07PM
		CS100					
		E211109-12					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2247105
Benzene	ND	0.0250		1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250		1	11/18/22	11/19/22	
Toluene	ND	0.0250		1	11/18/22	11/19/22	
o-Xylene	ND	0.0250		1	11/18/22	11/19/22	
p,m-Xylene	ND	0.0500		1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250		1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2247087
Diesel Range Organics (C10-C28)	ND	25.0		1	11/17/22	11/21/22	
Oil Range Organics (C28-C36)	ND	50.0		1	11/17/22	11/21/22	
Surrogate: n-Nonane		104 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2247102
Chloride	ND	20.0		1	11/18/22	11/19/22	



	S	ample D	ata				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numb Project Mana	ber: 0105	le Juice 19 58-0007 Bynum	Fed 3			<b>Reported:</b> 11/21/2022 1:53:07PM
		CS101 E211109-13					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2247105
Benzene	ND	0.0250	1	1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1	1	11/18/22	11/19/22	
Toluene	ND	0.0250	1	1	11/18/22	11/19/22	
p-Xylene	ND	0.0250	1	1	11/18/22	11/19/22	
p,m-Xylene	ND	0.0500	1	l	11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		102 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		102 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: I	RAS		Batch: 2247087
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/17/22	11/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/17/22	11/21/22	
Surrogate: n-Nonane		101 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	KL		Batch: 2247102
Chloride	ND	20.0	1	1	11/18/22	11/19/22	



	5	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name		le Juice 19	Fed 3			
PO Box 247	Project Numb	•					Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum				11/21/2022 1:53:07PM
		CS102					
		E211109-14					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2247105
Benzene	ND	0.0250	1		11/18/22	11/19/22	
Ethylbenzene	ND	0.0250	1		11/18/22	11/19/22	
Toluene	ND	0.0250	1		11/18/22	11/19/22	
p-Xylene	ND	0.0250	1		11/18/22	11/19/22	
o,m-Xylene	ND	0.0500	1		11/18/22	11/19/22	
Total Xylenes	ND	0.0250	1		11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		102 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		102 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2247087
Diesel Range Organics (C10-C28)	ND	25.0	1		11/17/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1		11/17/22	11/21/22	
Surrogate: n-Nonane		103 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL			Batch: 2247102
Chloride	ND	20.0	1		11/18/22	11/19/22	



<i>Received by OCD: 5/20/2025</i> 4:19:12 PM	l					Page 381
	Samp	ole Dat	a			
Pima Environmental Services-Carlsbad	Project Name:	Beetle	Juice 19 Fed 3			
PO Box 247	Project Number:	01058-	0007			Reported:
Plains TX, 79355-0247	Project Manager:	Tom B	num			11/21/2022 1:53:07PM
	CS	103				
	E211	109-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes

Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analys	st: IY		Batch: 2247105
Benzene	ND	0.0250		1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250		1	11/18/22	11/19/22	
Toluene	ND	0.0250		1	11/18/22	11/19/22	
o-Xylene	ND	0.0250		1	11/18/22	11/19/22	
p,m-Xylene	ND	0.0500		1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250		1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analys	st: IY		Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analys	st: RAS		Batch: 2247087
Diesel Range Organics (C10-C28)	ND	25.0		1	11/17/22	11/21/22	
Oil Range Organics (C28-C36)	ND	50.0		1	11/17/22	11/21/22	
Surrogate: n-Nonane		103 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2247102	
Chloride	ND	20.0		1	11/18/22	11/19/22	



	S	Sample D	ata				
Pima Environmental Services-Carlsbad	Project Name	e: Beet	le Juice 19	Fed 3			
PO Box 247	Project Num	ber: 0105	58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum				11/21/2022 1:53:07PM
		CS104					
		E211109-16					
		Reporting					
Analyte	Result	Limit	Di	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2247105
Benzene	ND	0.0250		1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250		1	11/18/22	11/19/22	
Toluene	ND	0.0250		1	11/18/22	11/19/22	
p-Xylene	ND	0.0250		1	11/18/22	11/19/22	
p,m-Xylene	ND	0.0500		1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250		1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		103 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		103 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2247087
Diesel Range Organics (C10-C28)	ND	25.0		1	11/17/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0		1	11/17/22	11/21/22	
Surrogate: n-Nonane		105 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2247102
Chloride	ND	20.0		1	11/18/22	11/19/22	



	S	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name	e: Beet	le Juice 1	9 Fed 3			
PO Box 247	Project Numb	ber: 0105	58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum				11/21/2022 1:53:07PM
		CS105					
		E211109-17					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	IY		Batch: 2247105
Benzene	ND	0.0250		1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250		1	11/18/22	11/19/22	
Toluene	ND	0.0250		1	11/18/22	11/19/22	
p-Xylene	ND	0.0250		1	11/18/22	11/19/22	
o,m-Xylene	ND	0.0500		1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250		1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.1 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.1 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	RAS		Batch: 2247087
Diesel Range Organics (C10-C28)	ND	25.0		1	11/17/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0		1	11/17/22	11/21/22	
Surrogate: n-Nonane		98.1 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2247102
Chloride	ND	20.0		1	11/18/22	11/19/22	



	S	Sample D	ata				
Pima Environmental Services-Carlsbad	Project Name	e: Beet	le Juice 1	9 Fed 3			
PO Box 247	Project Num	ber: 0103	58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum				11/21/2022 1:53:07PM
		CS106					
		E211109-18					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	IY		Batch: 2247105
Benzene	ND	0.0250		1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250		1	11/18/22	11/19/22	
Toluene	ND	0.0250		1	11/18/22	11/19/22	
p-Xylene	ND	0.0250		1	11/18/22	11/19/22	
p,m-Xylene	ND	0.0500		1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250		1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		102 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		102 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	RAS		Batch: 2247087
Diesel Range Organics (C10-C28)	ND	25.0		1	11/17/22	11/21/22	
Oil Range Organics (C28-C36)	ND	50.0		1	11/17/22	11/21/22	
Surrogate: n-Nonane		102 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2247102
Chloride	ND	20.0		1	11/18/22	11/19/22	



	S	Sample D	ata				
Pima Environmental Services-Carlsbad	Project Nam	e: Beet	le Juice 19	Fed 3			
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum				11/21/2022 1:53:07PM
		CS107					
		E211109-19					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	ng/kg Analyst: IY				Batch: 2247105
Benzene	ND	0.0250		1	11/18/22	11/19/22	
Ethylbenzene	ND	0.0250		1	11/18/22	11/19/22	
Toluene	ND	0.0250		1	11/18/22	11/19/22	
o-Xylene	ND	0.0250		1	11/18/22	11/19/22	
p,m-Xylene	ND	0.0500		1	11/18/22	11/19/22	
Total Xylenes	ND	0.0250		1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/18/22	11/19/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		11/18/22	11/19/22	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		11/18/22	11/19/22	
Surrogate: Toluene-d8		101 %	70-130		11/18/22	11/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	RAS		Batch: 2247087
Diesel Range Organics (C10-C28)	ND	25.0		1	11/17/22	11/21/22	
Dil Range Organics (C28-C36)	ND	50.0		1	11/17/22	11/21/22	
Surrogate: n-Nonane		99.3 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2247102
Chloride	ND	20.0		1	11/18/22	11/19/22	



	S	Sample D	ata				
Pima Environmental Services-Carlsbad	Project Nam		le Juice 19	Fed 3			
PO Box 247	Project Num		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum				11/21/2022 1:53:07PM
		CS108					
		E211109-20					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2247105
Benzene	ND	0.0250		1	11/18/22	11/20/22	
Ethylbenzene	ND	0.0250		1	11/18/22	11/20/22	
Toluene	ND	0.0250		1	11/18/22	11/20/22	
p-Xylene	ND	0.0250		1	11/18/22	11/20/22	
p,m-Xylene	ND	0.0500		1	11/18/22	11/20/22	
Total Xylenes	ND	0.0250		1	11/18/22	11/20/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130		11/18/22	11/20/22	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		11/18/22	11/20/22	
Surrogate: Toluene-d8		102 %	70-130		11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2247105
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/18/22	11/20/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130		11/18/22	11/20/22	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		11/18/22	11/20/22	
Surrogate: Toluene-d8		102 %	70-130		11/18/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2247087
Diesel Range Organics (C10-C28)	ND	25.0		1	11/17/22	11/21/22	
Oil Range Organics (C28-C36)	ND	50.0		1	11/17/22	11/21/22	
Surrogate: n-Nonane		110 %	50-200		11/17/22	11/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2247102
Chloride	ND	20.0		1	11/18/22	11/19/22	



## QC Summary Data

		QC DI		J	-				
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		eetle Juice 19 1 058-0007	Fed 3				Reported:
Plains TX, 79355-0247		Project Manager:	To	om Bynum				11	1/21/2022 1:53:07PM
	١	Volatile Organic	Compo	unds by EP	PA 82601	3			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247105-BLK1)						Р	repared: 1	1/18/22 Ana	alyzed: 11/19/22
Benzene	ND	0.0250							-
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			
LCS (2247105-BS1)						P	repared: 1	/18/22 Ana	alyzed: 11/19/22
Benzene	2.46	0.0250	2.50		98.2	70-130			
Ethylbenzene	2.45	0.0250	2.50		97.8	70-130			
Toluene	2.47	0.0250	2.50		98.9	70-130			
p-Xylene	2.58	0.0250	2.50		103	70-130			
p,m-Xylene	4.92	0.0500	5.00		98.5	70-130			
Total Xylenes	7.51	0.0250	7.50		100	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			
LCS Dup (2247105-BSD1)						P	repared: 1	/18/22 Ana	alyzed: 11/19/22
Benzene	2.53	0.0250	2.50		101	70-130	2.97	23	
Ethylbenzene	2.47	0.0250	2.50		98.9	70-130	1.14	27	
Toluene	2.52	0.0250	2.50		101	70-130	2.00	24	
p-Xylene	2.58	0.0250	2.50		103	70-130	0.271	27	
p,m-Xylene	4.91	0.0500	5.00		98.2	70-130	0.295	27	
Total Xylenes	7.49	0.0250	7.50		99.8	70-130	0.287	27	
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
	0.400		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.0	/0-130			

## **QC Summary Data**

		QC D		ary Date	4				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:		Beetle Juice 19 01058-0007 Tom Bynum	Fed 3				<b>Reported:</b> 11/21/2022 1:53:07PM
	N	onhalogenated O	rganic	s by EPA 801	5D - G	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2247105-BLK1)							Prepared: 1	1/18/22 A	nalyzed: 11/19/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			
LCS (2247105-BS2)							Prepared: 1	1/18/22 A	nalyzed: 11/19/22
Gasoline Range Organics (C6-C10)	46.8	20.0	50.0		93.5	70-130			
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			
LCS Dup (2247105-BSD2)							Prepared: 1	1/18/22 A	nalyzed: 11/19/22
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0		103	70-130	9.18	20	
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			



## **QC Summary Data**

		QC DI		ary Dat	"				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:		Beetle Juice 19 01058-0007 Tom Bynum	Fed 3				<b>Reported:</b> 11/21/2022 1:53:07PM
1 Ianis 17, 7935-0247	NT 1			•		/OD0			11/21/2022 1.33.07111
	Nonh	alogenated Orga	anics by	y EPA 80151	) - DRO	/ORO			Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247087-BLK1)							Prepared: 1	1/17/22 A	analyzed: 11/20/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.2		50.0		100	50-200			
LCS (2247087-BS1)							Prepared: 1	1/17/22 A	analyzed: 11/20/22
Diesel Range Organics (C10-C28)	231	25.0	250		92.4	38-132			
Surrogate: n-Nonane	49.0		50.0		98.0	50-200			
Matrix Spike (2247087-MS1)				Source:	E211109-(	)1	Prepared: 1	1/17/22 A	analyzed: 11/20/22
Diesel Range Organics (C10-C28)	238	25.0	250	ND	95.3	38-132			
Surrogate: n-Nonane	45.1		50.0		90.2	50-200			
Matrix Spike Dup (2247087-MSD1)				Source:	E211109-(	)1	Prepared: 1	1/17/22 A	nalyzed: 11/20/22
Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.4	38-132	0.903	20	
Surrogate: n-Nonane	47.2		50.0		94.3	50-200			



## **QC Summary Data**

		-		v					
Pima Environmental Services-Carlsbad		Project Name:		Beetle Juice 19	Fed 3				Reported:
PO Box 247		Project Number:	0	1058-0007					
Plains TX, 79355-0247		Project Manager:	Т	om Bynum					11/21/2022 1:53:07PM
		Anions l	by EPA	300.0/90564	٨				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247102-BLK1)							Prepared: 11	/18/22	Analyzed: 11/19/22
Chloride	ND	20.0							
LCS (2247102-BS1)							Prepared: 11	/18/22	Analyzed: 11/19/22
Chloride	270	20.0	250		108	90-110			
LCS Dup (2247102-BSD1)							Prepared: 11	/18/22	Analyzed: 11/19/22
Chloride	270	20.0	250		108	90-110	0.0770	20	

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Pima Environmental Services-Carlsbad	Project Name:	Beetle Juice 19 Fed 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/21/22 13:53

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page	13	of	16	Re
				pein

lient: Pima Environnental	Bill To		- <u>1</u> 22,				se On	_	() ()	4.0	125	TA			rogram
lient: Pima Environmental roject: Beetle Tinice: 19 Fed 3 roject Manager: Tom Bynum ddress: 5614 N. lovington thuy ity, State, Zip Hobos, NM, 88240	Attention: Address:			WO# <b>2111</b>	09		<b>010</b>	Num	ber 0001	1D	2D	3D	Standard	CWA	SDWA
ddress: 5614 N. lovington they	City, State, Zip								nd Meth						RCRA
hone: 580-748-1613	Phone: Email:		<u>ب</u>	υ,									and the second	State	
mail: Tom Cpimaoil. Com	PN# 1-147		oy 801	oy 801	21	9	0	0.0		Σ		H4T-X		UT AZ	TX
eport due by:	PN# 1-14	Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM		ICEQ 1005 TX-TPH	×		
Sampled Date Sampled Matrix No. of Containers Sample ID		Number	DRO/	GRO/	втех	VOC	Meta	Chlor				T C D D		Remarks	
D: 10 11/16/22 S 1 CS 89	•	1								x					
0:15 1 1 1 0590		2								1					
D:20 CS 91		3													
225 CS 92		4								+		<u> </u>			
		5								+					
		د میں میں میں میں میں میں اور								+					
<u>2:35</u> <u>CS 94</u>										$\square$					
0:40 0595		7								$\square$					
0:45 CS96		8													
0:50		9													
0:55 1 2598		10													
additional Instructions: Billing# 20948	121		.1	•							_	11_	- <b>I</b>		
(field sampler), attest to the validity and authenticity of this sample. I am aware	that tampering with or intentionally mislabelling	the sample locat	tion,						-				ved on ice the day th		or received
ate or time of collection is considered fraud and may be grounds for legal action elipophished by: (Signature)				Time			packed	In ice at	t an avg ten	-			°C on subsequent da Y	-	
$\mathcal{M}$	Received by: (Signature)	Date 11-17:	22	13	37		Rece	eived	on ice:		2 N		1		
Glinquished by: (Signature) Pate Time	Received by: (Stepature)	Date / 8 /	' 72	Time	:3	0	Т1			т2			<b>T3</b>		
elinquished by: (Signature)	Received by: (Signature)	Date		Time						4					
ample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other		Container	r Type	:g-g	lass,			Tem astic,		ber gla	ISS, V -	VOA		1883년 11월 <u>3</u> 34	
ote: Samples are discarded 30 days after results are reported unless o		samples will be	e retur	ned to	o clien	t or d	ispose	ed of a					ort for the anal	lysis of the a	above
amples is applicable only to those samples received by the laboratory	with this COC. The liability of the laborator	y is limited to t	ine am	ount	paid fo	or on t							ot		

Page **[4** of **16** Received

Project Information	Chain of Custody											F	Page <u>[4</u>	of_ <u>//</u>
Client: Ping Environmental Project: Beetle Tuice 19 Fed 3 Project Manager: Tom Bynum	Bill To Attention: Address:	Lab E	wo# 2111			010	Numb	0007	*	2D	T/ 3D	AT Standard	EPA P CWA	rogram SDWA
Address: 5414 N. Ovington Hay City, State, Zip + lobbs, NM, 88240 Phone: 580-748-1613 Email: tome pine oil. com Report due by:	City, State, Zip Phone: Email: PN: 1-147	DRO/ORO by 8015	RO by 8015	y 8021			Chloride 300.0	d Metho			TCEQ 1005 TX-TPH		State UT AZ	TX
Time Date Sampled Matrix No. of Containers Sample ID	Lab Numbe	DRO/O	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chlorid	_	BGDOC - NM		TCEQ 10		Remarks	
11:00 +1/16/22 S 1 CS 99									x					
11:05 1 1 CS IDD	12	) ].												
11:10 CS 101	13													
11:15 CS 102	14													
11:20 CS 103	15													
11:25 05 104	Ų]													
11:30 (9 105	17	19 19 18												
11:35 CS 106	18	l) a												
TI:40 CS 107														
<u>//:45                                      </u>	20													
Additional Instructions: Billing # 2091 , (field sampler), attest to the validity and authenticity of this sample. I am au date or time of collection is considered fraud and may be grounds for legal ac	ware that tampering with or intentionally mislabelling the sample loc tron. <u>Sampled by</u> : Scott H.								above (	) but les:	s than 6	ived on ice the day th °C on subsequent da		or received
Relinquestied by: (Signature)		/		337 :3		Rece T1	eived (	on ice:		ab U: D/N	se On	ly T3		
Relinquished by: (Signature) Date Time	Received by: (Signature) Date		Time			AVG	Temp	.₀ <u>°c_4</u>	6			a an		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 30 days after results are reported unle samples is applicable only to those samples received by the laborat	-	oe retu	rned t	o clien	p - po tord	ispose	astic, a ed of at	ig - amb	er gla			port for the ana	ysis of the a	ibove
	Page 32 of 33			(	E	3	e	er			i r	ot	e	cł

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

mail:     ion@pinsault.com     Due Date:     11/18/22 17:00 (0 day TAT)       The sample ID match the COC?     Yes       Does the number of samples per sampling site location match the COC     Yes       Were sample dropped off by client or carrie?     Yes       Ware and subject complete, i.e., signatures, dates/times, requested analyses?     Yes       Ware all samples received with holding time?     Yes       Ware all samples received with holding time?     Yes       Ware all samples received with holding time?     Yes       Not: Analysis, such as pH which should be conduced in the field, i.e., is minute hold time, are on included in this dissession.     Comments/Resolution       ample Concernee orice or concerved in good condition?     Yes       Was the sample(s) received?     Yes       Was the sample(s) received intact, i.e., not broken?     Yes       Not: Nearagle received in intact, i.e., not broken?     Yes       Not: Nearagle received in a for pi is 4°C, i.e., 6°=2°C     Na       Not: The origit Pice, the recorded temp is 4°C, i.e., 6°=2°C     Na       ample Constinct     Na       4. Are angueous VOC samples present?     No       5. Are tool Samples collected in the correct containers?     Yes       A. Are non-VOC samples received?     Na       4. Are analyoca scaled on insolved metals?     Yes       Date Confider     Na       4. Ar	mail: tom@pimeeli.com Due Date: 11/18/22 17:00 (0 day TXT)  The sample ID musts the COC? See Semiconserved Construction match the COC See Semiconserved Complete, i.e., signatures, dates/times, requested analyses? Ves Wree samples doroped of by client or carrier? Was the COC complete, i.e., signatures, dates/times, requested analyses? Note: Analysis, such as plf which should be conducted in the field. I.e. IS minute hold fine; ere in the date find is discussion. amate: Draw Account Time (DAT) Note: Analysis, such as plf which should be conducted in the field. I.e. IS minute hold fine; ere in the date find is discussion. amate: Draw Account Time (DAT) Note: Analysis, such as plf which should be conducted in the field. I.e. IS minute hold fine; ere in the date find is discussion. Amate: Draw Account Time (DAT) Note: Analysis, such as plf which should be conducted in the field. I.e. IS minute hold fine; ere in the date find is discussion. Amate: Draw Account Time (DAT) Note: Analysis, such as plf which should be conducted in the field. I.e. IS minute hold fine; ere in the date find is discussion. Amate: Draw Account Time (DAT) Note: Analysis, such as plf which should be conducted in the field. I.e. IS minute hold fine; ere in the date find in the discussion. Amate: Draw Account Time (DAT) Note: Analysis, such as present? Note: Analysis as present? Note: Analysis as and is ere carrier? Note: Analysis as and in the discussion in the assert of the mater in the field. I.f. If yes, wrise countify secand yes as in that? Note: Analysis as and in the discussion in the assert of the mater in the field in the discussion in the assert of the assert of the mater in the date in the temperature. Actual sample temperature: 4°C amate: Construct and assert or samples contented in the temperature: 4°C amate: Construct and assert or assert of the assert or samples contenter of the N hill of the mater in the fine are conciled with the material of the mater	lient:	Pima Environmental Services-Carlsbad Da	ate Received:	11/18/22 06	5:30	Work Order ID: E211109
1. Does the sample 1D match the COC?       Yes         2. Does the number of samples per sampling site location match the COC       Yes         3. Were samples dropped off by client or carrier?       Yes         4. Was the COC complete, i.e., signatures, dates/times, requested analyses?       Yes         5. Were all samples received within holding time?       Yes         Most A-adaptia, such as phy Weah abould be conducted in the field.       is, 15 minute hold time, are on includent mits discussion.         Sample Conder       Yes         7. Was a sample cooler received in good condition?       Yes         8. If yes, was cooler received in good condition?       Yes         9. Was the sample(s) received intext, i.e., not broken?       Yes         9. Was the sample received on is Received intext, i.e., not broken?       Yes         10. Were custody/security seals intext?       No         11. If yes, were custody/security seals intext?       No         12. Was the sample received in the emperature: <u>4°C</u> Sample Conditier         14. Are aqueous VOC: samples present?       No         15. Are VOC: samples collected in VA Vala?       NA         16. Is the head space less than 6-8 mm (pas sized or less)?       NA         17. Was a sample ID?       NA         18. Are non-VOC: samples collected in VA Vala?       Yes         19. Is	The or Control of Sumple Do match the COC?       Yes         Does the sample 1D match the COC?       Yes         New camples dropped off by client or carrier?       Yes         Was the COC complets, i.e., signatures, data: times, requested analyses?       Yes         New to sample screeview within holding time?       Yes         New to complete, i.e., signatures, data: times, sequested analyses?       Yes         New to complex, i.e., signatures, data: times, sequested analyses?       Yes         Name to Mine Mine Mine about the conductation in the folding time?       Yes         Name to CO indicate standard TAT, or Expedited TAT?       Yes         Was a sample cooler received?       Yes         Was a sample received in good condition?       Yes         Was a sample received in good condition?       Yes         Was a sample received in good condition?       Yes         Was a sample received in solor tocairied?       Yes         Name construct; yes, the recorded temp is 4*C, i.e., 6*2*C       Na         Nue: Thermal preservation is not required. if samples are received with multimaxing the emperature: 4*C       Na         Are work COC samples collected in VOA Vala?       Na         A. Are work Cocamples collected in VOA Vala?       Na         A. Are work Cocamples collected in the origined or theoresit contaniners?       Yes	Phone:	(575) 631-6977 Da	ate Logged In:	11/17/22 15	5:12	Logged In By: Caitlin Christian
<ul> <li>2. Does the number of samples per sampling site location match the COC Yes</li> <li>3. Were samples dropped off by client or carrier?</li> <li>4. Was the COC complete, i.e., signatures, dataset sites, requested analyses?</li> <li>5. Were all samples received within holding time?</li> <li>5. Were all sample cooler received?</li> <li>6. Did the COC indicate standard TAT, or Expedited TAT?</li> <li>6. Did the COC indicate standard TAT, or Expedited TAT?</li> <li>7. Was a sample cooler received?</li> <li>9. Was the sample cooler received?</li> <li>9. Was the sample cooler received in the offset.</li> <li>9. Was the sample cooler received?</li> <li>9. Was the sample cooler received?</li> <li>9. Was the sample cooler received?</li> <li>9. Was the sample cooler received intact, i.e., not broken?</li> <li>9. Was the sample cooler received intact.</li> <li>10. Were custody/security sals present?</li> <li>No</li> <li>11. If yes, were custody/security sals present?</li> <li>No</li> <li>12. Was the sample received on iter? If yes, the recorded temp is 4°C, i.e., 6°42°C</li> <li>Yes</li> <li>22. Sample Container</li> <li>14. Are aqueous VOC samples present?</li> <li>15. Are VOC samples collected in the orreret containers?</li> <li>16. Is the head space less than 6-8 mm (pen sized or less)?</li> <li>NA</li> <li>18. Are non-VOC samples collected in the orreret containers?</li> <li>Yes</li> <li>20. Were field shaft (TB) includes for VOC analyses?</li> <li>NA</li> <li>18. Are non-VOC samples collected?</li> <li>Yes</li> <li>21. Does the COC of field labels indicate the samples were preserved?</li> <li>No</li> <li>22. Are sample(s) correctly preserved?</li> <li>NA</li> <li>23. Does the COC of field labels indicate the samples were preserved?</li> <li>No</li> <li>24. Are samples collected?</li> <li>Yes</li> <li>25. Are sample(s) correctly preserved?</li> <li>NA</li> <li>26. Does the sample samples were preserved?</li> <li>NA</li> <li>27. If yes, does the COC specify which phase(s) is to be analyzed?</li> <li>NA</li> <li></li></ul>	Does the sample ID match the COC?     Yes       Does the number of samples per sampling site location match the COC     Yes       Were samples dorped of by client or carrier?     Yes       Wase the COC complete, i.e., signatures, dates/times, requested analyses?     Yes       Ware all samples received with holding time?     Yes       Note: Analysis such as pit which should be conduced in the field, i.e. if minute hold time, are on included in this discession.     Comments/Resolution       ample Concreterective?     Yes     Fore concreterective?       Was asample cooler received?     Yes     E211103/E211106/E21       Was asample cooler received?     Yes     E211103/E211106/E211106/E21       (If yes, was cooler steelved?)     Yes     E211103/E211109/E211106/E21       (If yes, was cooler steelved?)     Yes     E211103/E211109/E211106/E21       (If was the sample cooler steelved?)     Yes     E211103/E211109/E211106/E21       (If was the sample science in the emperature. Actual sample temperature: 4°C     Yes     E211103/E211109/E211106/E21       (If was the sample science in the vasion in a stread or less)?     Yes     E211103/E211109/E211106/E21       (If was the sample science in the vasion required, if samples are received with 5'     Yes     E211103/E211109/E211106/E21       (If was the sample science in the vasion required, if samples are received with 5'     Yes     Yes       (If was the sample science in tho vasion	Email:	tom@pimaoil.com D	ue Date:	11/18/22 17	7:00 (0 day TAT)	
<ul> <li>2. Does the number of samples per sampling ise location match the COC Yes</li> <li>3. Were samples dropped off by client or carrier?</li> <li>4. Was the COC complete, i.e., gatures, dates times, requested analyses?</li> <li>Yes</li> <li>5. Were all samples received within holding time?</li> <li>Yes</li> <li>Samel Turn Around Thise (TAT)</li> <li>6. Did the COC indicate standard TAT, or Expedited TAT?</li> <li>7. Was a sample cooler received?</li> <li>9. Was the COC around Thise (TAT)</li> <li>9. Was the sample (so for received in the dimension of the top of the coole into 8 reports.</li> <li>9. Was the sample (so interview of into the noise into 8/2)</li> <li>9. Was the sample (so interview of interview of interview of the top of</li></ul>	<ul> <li>Does the number of samples per sampling sile location match the COC</li> <li>Were samples dorpped off by client or carrier?</li> <li>Wes the COC conflect. (a., signatures, dates times, requested analyses?</li> <li>Yes</li> <li>New a stanyles cooler duitine, are on included in this discussion.</li> <li>Sample Cool received time, are on included in this discussion.</li> <li>Sample Cool received in good condition?</li> <li>Yes a sample cool received?</li> <li>Yes was cooler received in acto, i.e., not broken?</li> <li>Yes was the conclorereceived in acto, i.e., not broken?</li> <li>Yes was the sample cooler received in acto, i.e., not broken?</li> <li>Yes was the sample cooler received in acto, i.e., not broken?</li> <li>Yes was the sample cooler received in acto, i.e., not broken?</li> <li>Yes was the sample cooler received in acto? if yes, the recorded tamp is 4°C, i.e., 6°+2°C</li> <li>Now the sample cooler theremain present?</li> <li>No</li> <li>If yes, were custed/security seals intact?</li> <li>Na the sample cooler theremain present?</li> <li>No</li> <li>Sample Cooler for VOC analyses are received on is? If yes, the recorded tamp is 4°C, i.e., 6°+2°C</li> <li>Now Thermal present/and is not required, if samples are received with 5</li> <li>manue of sampling</li> <li>Sample Cooler theremain the emperature: 4°C</li> <li>Sample Cooler theremain the emperature. Actual sample temperature: 4°C</li> <li>Na the ada space less than 6.8 mm (pea sized or less)?</li> <li>Na was the band (TB) included for VOC analyses?</li> <li>Na was the band (TB) included for VOC analyses?</li> <li>Na tart band (TB) included for VOC</li></ul>	Chain o	f Custody (COC)				
<ul> <li>3. Were samples dropped of Pay client or carrier?</li> <li>4. Was the COC complete, i.e., signutures, dues/times, requested analyses?</li> <li>4. Was the COC complete, i.e., signutures, dues/times?</li> <li>4. Was the COC complete, i.e., signutures, dues/times?</li> <li>5. Wore all samples received within holding time?</li> <li>5. Wore all sample cooler neceived?</li> <li>7. Was a sample cooler neceived?</li> <li>9. Was the sample(s) received intact, i.e., not broken?</li> <li>9. Was the sample cooler neceived?</li> <li>10. Were custody/security seals present?</li> <li>10. Wore custody/security seals present?</li> <li>11. If yes, was cooler due temperature:</li> <li>12. Was the sample received the temperature:</li> <li>13. If no visible ice, record the temperature. Actual sample temperature:</li> <li>14. Are aqueous VOC samples present?</li> <li>14. Are aqueous VOC samples present?</li> <li>15. Are visible ice, record the temperature. Actual sample temperature:</li> <li>15. Are visible ice, record the temperature. Actual sample temperature:</li> <li>16. Is the head space less than 6.4 sample containers collecto?</li> <li>17. Was a trip blank (TB) included for VOC analyses?</li> <li>18. Are analyce. Or field labels indicate the samples containers collecto?</li> <li>19. Is the apprentiate volume/weight or number of sample containers collecto?</li> <li>10. Dors the COC of field habels indicate the samples were preserved?</li> <li>10. Dors the COC of field habels indicate the samples were preserved?</li> <li>10. Dors the COC of field habels indicate the samples were preserved?</li> <li>10. Dors the COC of field habels indicate the samples were preserved?</li> <li>10. Dors the COC of field habels indicate the samples were preserved?</li> <li>10. Dors the COC of field habels indicate the samples were preserved?</li> <li>10. Dors the CO</li></ul>	Wese samples dropped off by client or carrier?     Yes     Carrier: Courier       Was the COC complete, i.e., signatures, datestitures, requested analyses?     Yes     Nace: Analysis, such as pH which should be conduced in the field, i.e. is immine hold ing, and summe ho				Yes		
<ul> <li>4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes Not: Automation of the second se</li></ul>	Was the COC complete, i.e., signatures, dates/times, requested analyses?       Yes         Was all samples received within holding time?       Yes         Note: Atalysis, such as provided in this discussion.       The Cochart of the Cochart of the Cochart of the Southead of this discussion.         ample Cochart received?       Yes         Nake a sample cooler received?       Yes         Was a sample cooler received?       Yes         Was a sample cooler received?       Yes         Was the sample spresent?       No         Note: Thermal prosportate on the theorematic of the provide of the	2. Does t	the number of samples per sampling site location match	the COC	Yes		
<ul> <li>S. Were all samples received within holding time? Yes Note: Analysis, such as pit which should be conducted in the field, i.e., 15 minute hold ime, are not induciated in this discussion.</li> <li>Samule Cooler</li> <li>Yes</li> <li>Sample Cooler</li> <li>Was the sample(s) coelived in good condition? Yes</li> <li>Was the sample(s) received intact, i.e., not broken? Yes</li> <li>Was the sample(s) received intact, i.e., not broken? Yes</li> <li>Was the sample(s) received intact, i.e., not broken? Yes</li> <li>Note: Themal powervation is not required itemp is 4°C, i.e., 6°42°C Yes</li> <li>Note: Themal powervation is not required itemp is 4°C, i.e., 6°42°C Yes</li> <li>Note: Themal powervation is not required itemp is 4°C, i.e., 6°42°C Yes</li> <li>Note: Themal powervation is not required itemp is 4°C, i.e., 6°42°C Yes</li> <li>Note: Themal powervation is not required itemp is 4°C, i.e., 6°42°C Yes</li> <li>Note: Themal powervation is not required item preature: 4°C</li> <li>Sample Container</li> <li>13. If no visible ice, record the temperature. Actual sample temperature: 4°C</li> <li>Sample Container</li> <li>14. Are aquecous VOC samples collected in VOA Vials? No</li> <li>15. Are VOC samples collected in CVOA unalyses? NA</li> <li>16. Is the head space less than 6-8 mm (pea sized or less)? NA</li> <li>17. Was at rip blank (TB) included for VOC analyses? NA</li> <li>18. Are non-VOC samples collected? Yes</li> <li>Collectors name? No</li> <li>Samule TCP</li> <li>20. Over field sample labels filled out with the minimum information:</li> <li>Sample ID? Yes</li> <li>Field Label</li> <li>21. Does the COC or field labels indicate the samples were preserved? No</li> <li>22. Are sample(s) correctly preserved?</li> <li>No</li> <li>Shilthnase Collected? Yes</li> <li>Collectors name?</li> <li>No</li> <li>Shilthnase Collected for dissolved metals? No</li> <li>Shilthnase Collected?</li> <li>Yes, does the COC or field labels indicate the samples were preserved? No</li> <li>23. Are sample srequired to get sent to a sub</li></ul>	Were all samples received within holding time?       Yes         Nut: Analysis, and as yff which should be enhanced in the field,       is, 15 minote hold time, see not included in this discussion.         ample Turn Around Time (TAT)       Yes         Did the COC indicates standard TAT, or Expedited TAT?       Yes         ample Cooler.       Yes         Was a sample cooler received inter, i.e., not broken?       Yes         Nw as the sample(s) received intert, i.e., not broken?       Yes         Nw as the sample received intert, i.e., not broken?       Yes         New state sample received intert, i.e., not broken?       Yes         Note: Thermal preservation is not required, if samples are received wit 15 minutes of sampling       No         1. If yes, ware could by carrify seals interd?       No         3. If no visible ice, record the temperature. Actual sample temperature: <u>4*C</u> ample containers collected?       No         3. Are aqueous VOC samples present?       No         6. State head space less than 6-As min (pae size of velses?)       NA         7. Was a trip blank (TB) included for VOC analyses?       NA         8. Are non-VOC samples collected?       Yes <b>Vere field sample labels filled out with the minimum information:</b> Sample Cort field labels indicate the samples were preserved?       No         9. She approprime volume/velapt or number of sample containers?	3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
Note: Analysis, such as pill which about be conducted in the field, i.e. 15 minute hold ime, are not included in this discussion. Sample Color accurate standard TAT, or Expedited TAT? Ves Sample Color received? Yes 8. If yes, was cooler received? Yes 9. Was he sample (so cerviced intact, i.e., no broken? Yes 10. Were custody/security seals present? No 11. If yes, were custody/security seals present? No 12. Was the sample cooler received in is not required, if samples are tectived witi 15 minutes of samples of the temperature. Actual sample temperature: <u>4°C</u> Sample Continer 14. Are aqueous VOC samples collected in VOA Vials? NA 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pen sized or less)? NA 17. Was at rip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the orrect containers? Yes 19. Is the papeopriate volume/weight or number of sample containers collected? Yes <b>Collectors</b> name? No 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample (s) cervered the tamperature the sample servered? No 23. Are sample (s) cervered preserved? No 24. Is lab filteration required and/or requested for dissolved metals? No 24. Is lab filteration required and/or requested for dissolved metals? No 25. Are sample (s) cervered the manyles is to be analyzed? No 24. Are sample (s) cervered preserved? No 25. Are sample (s) cervered preserved? No 27. Are sample(s) correctly preserved? No 27. Are sample(s) correctly preserved? No 27. Are sample for the more than one phase, i.e., multiphase? No 27. Are sample sequired to get sent to a subcontruct laboratory? No 28. Are sample required to get sent to a subcontruct laboratory? No 28. Are samples required to get sent to a subcontruct laboratory? No 29. Are samples required to get sent to a subcontruct laboratory? No 29. Are samples required to get sent to a subcontruct laboratory? No 29. Are samples required to get sent to a subcontruct laboratory? No 20.	Note: Analysis, such as pH which should be conducted in the field, is. 15 minute hold time, are not included in this discussion. <b>ample Court</b> Project Beetle Juice 19 Fed 3 has been separated into 8 reports. E211103/E211104/E211105/E211106/E21 107/E211108/E211105/E211106/E21 107/E211108/E211105/E211106/E21 107/E211108/E211109/E211110. COC received with white out on time sampled by client. 1. If yes, was cooler received? Yes 0. Were custody/security seals presen? No 1. If yes, was custody/security seals intat? 2. Was the sample received in ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C white: Thermal preservation is not required. If samples are received with 15 minutes of sampling 3. If no visible ice, record the temperature: <u>4°C</u> <b>angle Container</b> 4. Are aqueous VOC samples collected in VOA Vials? No 5. Are VOC samples collected in VOA Vials? No 8. Are non-VOC samples collected in the orrect containers? Yes Yes Yes 16 the head space lass than 6-8 mm (pea sized or less)? No 1. Are sample foortainer Sample ID? Matche included for VOC analyses? No 2. Are sample labels filled out with the minimum information: Sample ID? Matche Collectors? No 2. Are sample koelles filled out with the minimum information: Sample ID? At is hab filteration required and/or requised for dissolved metals? No 2. Are sample (so crecify preserved? No 2. Are sample koelles filled out with the minimum information: Sample ID? Matche Sample labels filled out with the minimum information: Sample Koelle collector? No 2. Are samples Matrix 4. Is hab filteration required and/or requised for dissolved metals? No 3. Are sample for the Core preserved? No 3. Are sample for the Core specify which phase(s) is to be analyzed? No 4. Reas maple have more than one phase, i.e., multiphase? No 3. Are sample required and or requised for dissolved metals? No 4. Are samples required to soubcontract laboratory? No 3. Are sample required to soubcontract laboratory? No 4. Ne sa subcontract laborato	4. Was th	he COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes		
6. Did the COC indicate standard TAT, or Expedited TAT?       Yes       Project Beetle Juice 19 Fed 3 has been separated into 8 reports.         Sample Cooler       Yes       Separated into 8 reports.       E211103/E211105/E211105/E211106/E211.         7. Was a sample(s) received in tact, i.e., not broken?       Yes       Yes       E211103/E211109/E211105/E211106/E211.         9. Was the sample(s) received intact, i.e., not broken?       Yes       Yes       E211103/E211109/E21109/E21109/E21109/E21109/E21109/E21109/E21109/E21109/E21109/E211109/E211109/E211109/E211109/E211109/E2110109/E211019/E21109/E21109/E21109/E21109/E21	Are aqueous VOC samples collected in VOA Valse?       NA         Are aqueous VOC samples collected in the correct containers?       Yes         Are anon-VOC samples collected?       Yes         0. Ware field sample tables filled out with the minimum information?       Yes         0. Ware tass officient officient officient officient officent officient of	5. Were	Note: Analysis, such as pH which should be conducted in the	e field,	Yes		Comments/Resolution
Sample Cooler 7. Was a sample cooler received? 8. If yes, was cooler received? 9. Was the sample (s) received intact, i.e., not broken? 10. Were custody/security seals present? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Not: Thermal preservation is not required, if samples are received wit 15 minutes of sampling 13. If no visible ice, record the temperature: 4°C Sample Container 14. Are aqueous VOC samples present? 15. Is the hard space less than 6~8 mm (pea sized or less)? 16. Is the head space less than 6~8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 20. Were field sample labels filled out with the minimum information: Sample ID? 21. Does the COC or field labels indicate the samples were preserved? 21. Does the COC or orectly preserved? 22. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? 24. Is lab filteration required and/or requested for dissolved metals? 24. Are sample have more than one phase, i.e., multiphase? 25. Does the COC specify which phase(s) is to be analyzed? 26. Are sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 20. Are samples required to get sent to a subcontract laboratory? 20. Are samples required to get sent to a subcontract laboratory? 20. Are samples required to get sent to a subcontract laboratory? 20. Are samples required to get sent to a subcontract laboratory? 20. Are samples required to get sent to a subcontract laboratory? 20. Are samples required to get sent to a subcontract laboratory? 20. Are samples required to get sent to a subcontract laboratory? 20. Are samples required to get sent to a subcontract laboratory? 20. Are samples re	ample Cooler       separated into 8 reports.         Was a sample cooler received?       Yes         If yes, was cooler received in good condition?       Yes         Was the sample (c) received intact, i.e., on to broken?       Yes         0. Were custody/security seals present?       No         1. If yes, was cooler received in ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Not:       National sample cooler received in ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Not:       Themal preservation is not required. if samples are received with 100 / E211108 / E211109 / E211109 / E211109 / E211109 / E211109 / E211109 / E211108 / E211109 / E211108 / E211109 / E211108 / E211109 / E211108 / E211109 / E211108 / E211109 / E211109 / E211109 / E211109 / E211108 / E211109 / E211108 / E211109 / E211108 / E211109 / E211109 / E211109 / E211109 / E211108 / E211109 / E211108 / E211109 / E211108 / E211109 / E21110 / E211109 / E21110 / E211	Sample '	<u>Turn Around Time (TAT)</u>				
7. Was a sample cooler received?       Yes         8. If yes, was cooler received in good condition?       Yes         9. Was the sample(s) received in tact, i.e., not broken?       Yes         9. Was the sample(s) received intact, i.e., not broken?       Yes         10. Were custody/security seals intact?       NA         11. If yes, were custody/security seals intact?       NA         12. Was the sample received on ice? If yes, the recorded temp is 4%C, i.e., 6*#2%C       Yes         Mote: Thermal preservation is not required, if samples are received wif 15 minutes of sampling       No         13. If no visible ice, record the temperature. Actual sample temperature: $\frac{4*C}{2}$ Sample Container         14. Are aquecous VOC samples collected in VOA Vials?       NA         15. Are VOC samples collected in the cortext containers?       Yes         19. Is the head space less than 6-8 mm (pea sized or less)?       NA         17. Was a trip blank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected?       Yes         Collectors name?       Yes         Date/Time Collected?       Yes         Collectors name?       No         Sample Preservation       No         21. Does the COC or field labels indicate the samples were preserved?       No         Subcottract Laborator:       No <td>Was a sample cooler received?       Yes       E211103/E211104/E211105/E211106/E21         If yes, was cooler received in good condition?       Yes       E211103/E211104/E211106/E211100/CCC         Was the sample(s) received intact, i.e., not broken?       Yes       No         0. Were custody/security seals intact?       NA         2. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes       Yes         No       No       NA         2. Was the sample received no ice? If yes, the recorded temp is angles are received wil 15       NA         3. If no visible ice, record the temperature. Actual sample temperature: 4°C       minutes of samples on is not required, if samples are received wil 15         3. If no visible ice, record the temperature. Actual sample temperature: 4°C       No         4. Are aqueous VOC samples collected in VOA Vials?       NA         5. Are VOC samples collected in VOA vials?       NA         7. Was a trip blank (TB) included for VOC analyses?       NA         8. Are non-VOC samples collected?       Yes         Date/Time Collected?       Yes         Date/Time Collected?       Yes         Date/Time Collected?       Yes         Collectors name?       No         1. Is bob filted out with the minimum information:       Sample (b) correctity preserved?         No</td> <td>6. Did th</td> <td>e COC indicate standard TAT, or Expedited TAT?</td> <td></td> <td>Yes</td> <td></td> <td>Project Beetle Juice 19 Fed 3 has been</td>	Was a sample cooler received?       Yes       E211103/E211104/E211105/E211106/E21         If yes, was cooler received in good condition?       Yes       E211103/E211104/E211106/E211100/CCC         Was the sample(s) received intact, i.e., not broken?       Yes       No         0. Were custody/security seals intact?       NA         2. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes       Yes         No       No       NA         2. Was the sample received no ice? If yes, the recorded temp is angles are received wil 15       NA         3. If no visible ice, record the temperature. Actual sample temperature: 4°C       minutes of samples on is not required, if samples are received wil 15         3. If no visible ice, record the temperature. Actual sample temperature: 4°C       No         4. Are aqueous VOC samples collected in VOA Vials?       NA         5. Are VOC samples collected in VOA vials?       NA         7. Was a trip blank (TB) included for VOC analyses?       NA         8. Are non-VOC samples collected?       Yes         Date/Time Collected?       Yes         Date/Time Collected?       Yes         Date/Time Collected?       Yes         Collectors name?       No         1. Is bob filted out with the minimum information:       Sample (b) correctity preserved?         No	6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Beetle Juice 19 Fed 3 has been
<ul> <li>8. If yes, was cooler received in good condition?</li> <li>Yes</li> <li>9. Was the sample(s) received intact, i.e., not broken?</li> <li>Yes</li> <li>10. Were custody/security seals present?</li> <li>No</li> <li>NA</li> <li>12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C</li> <li>Yes</li> <li>Note: Thermal preservation is not required, if samples are received w/i 15</li> <li>minutes of sampling</li> <li>13. If no visible ice, record the temperature. Actual sample temperature: 4°C</li> <li>Sample Container</li> <li>14. Are aqueous VOC samples ordened temp is 4°C, i.e., 6°±2°C</li> <li>Yes</li> <li>Sample Container</li> <li>14. Are aqueous VOC samples collected in VOA Vials?</li> <li>NA</li> <li>15. Are VOC Samples collected in VOA Vials?</li> <li>NA</li> <li>16. Is the head space less than 6-8 mm (pea sized or less)?</li> <li>NA</li> <li>16. Is the head space less than 6-8 mm (pea sized or less)?</li> <li>NA</li> <li>17. Was a trip blank (TB) included for VOC analyses?</li> <li>NA</li> <li>18. Are non-VOC samples collected in the correct containers?</li> <li>Yes</li> <li>Field Label</li> <li>20. Were field sample labels filled out with the minimum information:</li> <li>Sample ID?</li> <li>Date/Time Collected?</li> <li>Yes</li> <li>Date/Time Collected?</li> <li>Yes</li> <li>Date/Time Collected?</li> <li>Yes</li> <li>Date/Time Collected?</li> <li>No</li> <li>Sample ID?</li> <li>Does the COC or field labels indicate the samples were preserved?</li> <li>No</li> <li>Sample ID?</li> <li>No</li> <li>Sample Matrix</li> <li>26. Does the COC specify which phase(s) is to be analyzed?</li> <li>Na</li> <li>Subcontract Laboratory.</li> <li>No</li> <li>Subcontract Laboratory.</li> <li>No</li> </ul>	.If yes, was cooler received in good condition?       Yes       Internet on the sample(s) received intact, i.e., not broken?       Yes         .Was the sample(s) received intact, i.e., not broken?       Yes       Internet on the sample control of the sample same received with white out on time sampled by client.         1. If yes, were custody/security seals intact?       No       No         2. Was the sample received in ferrored temp is 4°C, i.e., 6°±2°C       Yes       Yes         Note: Thermal preservation is not required, if samples are received with 15 minutes of sampling       No       No         3. If no visible ice, record the temperature. Actual sample temperature: 4°C       Yes       Are aqueous VOC samples collected in VOA Vials?       No         6. Is the head space less than 6-8 mm (pea sized or less)?       NA       NA       No       No         7. Was a trip blank (TB) included for VOC analyses?       NA       No       No       No         8. Are non-VOC samples collected?       Yes       Yes       No       No         0. Were field sample labels filled out with the minimum information:       Sample fille?       Yes       No         1. Does the COC or field labels indicate the samples were preserved?       No       No       No         1. Jose the COC or specify preserved??       No       No       No         1. If theration required and/or requested for d	<u>Sample</u>	<u>Cooler</u>				separated into 8 reports.
<ul> <li>8. If yes, was cooler received in good condition?</li> <li>Yes</li> <li>9. Was the sample(s) received intact, i.e., not broken?</li> <li>9. Was the sample(s) received intact, i.e., not broken?</li> <li>10. Were custody/security seals present?</li> <li>NA</li> <li>11. If yes, were custody/security seals intact?</li> <li>NA</li> <li>12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C</li> <li>Yes</li> <li>Note: Thermal preservation is not required, if samples are received wit 15 minitues of sampling</li> <li>13. If no visible ice, record the temperature. Actual sample temperature: 4°C</li> <li>Sample Container</li> <li>14. Are aquecous VOC samples present?</li> <li>No</li> <li>15. Are VOC samples collected in VOA Vials?</li> <li>NA</li> <li>16. Is the head space less than 6-8 mm (pea sized or less)?</li> <li>NA</li> <li>17. Was a trip blank (TB) included for VOC analyses?</li> <li>NA</li> <li>18. Are non-VOC samples collected in the correct containers?</li> <li>Yes</li> <li>Field Label</li> <li>20. Were field sample labels filled out with the minimum information: Sample 10?</li> <li>Sample ID?</li> <li>Collectors name?</li> <li>No</li> <li>Sample Preservation</li> <li>21. Does the COC or field labels indicate the samples were preserved?</li> <li>No</li> <li>22. Are sample (so) correcity preserved?</li> <li>NA</li> <li>24. Is lab filteration required and/or requested for dissolved metals?</li> <li>No</li> <li>Multiphase Sample Matrix</li> <li>26. Does the COC specify which phase(s) is to be analyzed?</li> <li>Na</li> <li>Subcontract Laboratory</li> <li>26. Are samples required to get sent to a subcontract laboratory?</li> <li>No</li> </ul>	If yes, was cooler received in good condition?       Yes       107/E211108/E211110.COC         Was the sample(s) received intact, i.e., not broken?       Yes       107/E211108/E211110.COC         If yes, was cooler received intact, i.e., not broken?       Yes       107/E211108/E211110.COC         If yes, were custody/security seals intact?       No       No         If yes, were custody/security seals intact?       NA         Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes       Yes         Note: Thermal preservation is not required, if samples are received wil 15 minutes of sampling       107/E211108/E211109/E211110.COC         3. If no visible ice, record the temperature: Actual sample temperature: 4°C       Yes       107/E211108/E211109/E21110.COC         3. If no visible ice, record the temperature: Actual sample temperature: 4°C       Yes       107/E211108/E211109/E211110.COC         4. Are aquecous VOC samples collected in VOA Vials?       NA       107/E211108/E211109/E21110.COC         5. Are bead space less than 6-8 mm (pea sized or less)?       NA       NA         6. Ste be head space less filled out with the minimum information:       Yes       107/E211108/E211109/E21110.COC         Sample ID?       Yes       Yes       107/E211108/E21110.COC         Collectors name?       No       No       100/E21110.COC         ample Preservat	7. Was a	sample cooler received?		Yes		E211103/E211104/E211105/E211106/E211
9. Was the sample(s) received intact, i.e., not broken?       Yes         10. Were custody/security seals present?       No         11. If yes, were custody/security seals intact?       NA         2. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Note: Thermal preservation is not required, if samples are received wit 15 minutes of sampling       received with white out on time sampled by client.         13. If no visible ice, record the temperature. Actual sample temperature: 4°C       Sample Container         14. Are aqueous VOC samples present?       No         15. Are VOC samples collected in VOA Vials?       NA         16. Is the head space less than 6-8 mm (pea sized or less)?       NA         17. Was a trip blank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected in the correct containers?       Yes         19. Is the appropriate volume/weight or number of sample containers collected?       Yes         20. Were field sample labels filled out with the minimum information:       Sample COr of field labels indicate the samples were preserved?       No         21. Does the COC or field labels indicate the samples were preserved?       No       No         24. Is lab filteration required and/or requested for dissolved metals?       No         21. Joes the COC specify which phase(s) is to be analyzed?       Na         23. Does the Sam	Was the sample(s) received intact, i.e., not broken?       Yes       received with white out on time sampled         0. Ware custody/security seals present?       No       ho         1. If yes, were custody/security seals intact?       NA       by client.         2. Was the sample received on ic? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes       hot         Note: Thermal preservation is not required, if samples are received wif 15 minutes of sampling       received with white out on time sampled         3. If no visible ice, record the temperature. Actual sample temperature: 4°C       Yes       hot <b>ample Container</b> .       .         4. Are aqueous VOC samples collected in VOA Vials?       NA         5. Are VOC samples collected in the correct containers?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         0. Were field sample labels filled out with the minimum information:       Sample ID?       Yes         0. Were field sample labels indicate the samples were preserved?       No       No <b>ample Preservation</b> .       .       .         1. Does the COC or field labels indicate the samples were preserved?       No       . <b>Are sample Matrix</b> .       .       .         6. Dise the sample have more than one phase, i.e., multiphase?	8. If yes,	, was cooler received in good condition?		Yes		
10. Were custody/security seals present?     No       11. If yes, were custody/security seals intact?     NA       12. Was the sample received on ic? If yes, the recorded temp is 4°C, i.e., 6°±2°C     Yes       Note: Thermal preservation is not required, if samples are received w/i 15     by client.       12. Was the sample received on ic? If yes, the recorded temp is 4°C, i.e., 6°±2°C     Yes       Sample Container     Very client.       14. Are aqueous VOC samples present?     No       15. Are tyo Cosamples collected in VOA Vials?     NA       16. Is the head space less than 6~8 mm (pea sized or less)?     NA       17. Was a trip blank (TB) included for VOC analyses?     NA       18. Are non-VOC samples collected in the correct containers?     Yes       19. Is the appropriate volume/weight or number of sample containers collected?     Yes       20. Were field sample labels filled out with the minimum information:     Sample fD?       Sample fD?     Yes       Date/Time Collected?     Yes       Collectors name?     No       21. Does the COC or field labels indicate the samples were preserved?     No       22. Are sample(s) correctly preserved?     NA       24. Is lab filteration required and/or requested for dissolved metals?     No       23. Does the COC specify which phase(s) is to be analyzed?     Na       24. Is lab filteration required than one phase, i.e., multiphase? <td< td=""><td><ul> <li>0. Were custody/security seals present?</li> <li>No</li> <li>NA</li> <li>Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C</li> <li>Note: Thermal preservation is not required, if samples are received w/i 15</li> <li>minutes of sampling</li> <li>S. If no visible ice, record the temperature. Actual sample temperature: 4°C</li> <li>ample Container</li> <li>4. Are aqueous VOC samples present?</li> <li>No</li> <li>NA</li> <li>NA</li> <li>A are aqueous VOC samples collected in VOA Vials?</li> <li>NA</li> <li>A re vOC samples collected in the correct containers?</li> <li>Yes</li> <li>S. Are VOC samples collected in the correct containers?</li> <li>Yes</li> <li>9. Is the appropriate volume/weight or number of sample containers collected?</li> <li>Yes</li> <li>Outer field sample labels filled out with the minimum information:</li> <li>Sample ID?</li> <li>Date/Time Collected?</li> <li>Yes</li> <li>Collectors name?</li> <li>No</li> <li>A. Are sample(s) correctly preserved?</li> <li>NA</li> <li>A. Is lab filteration required and/or requested for dissolved metals?</li> <li>No</li> <li>Are sample have more than one phase, i.e., multiphase?</li> <li>No</li> <li>The yes, does the COC specify which phase(s) is to be analyzed?</li> <li>Na</li> <li>Are sample have more than one phase, i.e., multiphase?</li> <li>No</li> <li>The yes, does the COC specify which phase(s) is to be analyzed?</li> <li>Na</li> <li>Are sample have more than one phase, i.e., multiphase?</li> <li>No</li> <li>The yes, does the COC specify which phase(s) is to be analyzed?</li> <li>Na</li> <li>Subcontract Laboratory specified by the client and if so who?</li> <li>Na</li> <li>Subcontract Lab: na</li> </ul></td><td>9. Was tl</td><td>he sample(s) received intact, i.e., not broken?</td><td></td><td>Yes</td><td></td><td></td></td<>	<ul> <li>0. Were custody/security seals present?</li> <li>No</li> <li>NA</li> <li>Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C</li> <li>Note: Thermal preservation is not required, if samples are received w/i 15</li> <li>minutes of sampling</li> <li>S. If no visible ice, record the temperature. Actual sample temperature: 4°C</li> <li>ample Container</li> <li>4. Are aqueous VOC samples present?</li> <li>No</li> <li>NA</li> <li>NA</li> <li>A are aqueous VOC samples collected in VOA Vials?</li> <li>NA</li> <li>A re vOC samples collected in the correct containers?</li> <li>Yes</li> <li>S. Are VOC samples collected in the correct containers?</li> <li>Yes</li> <li>9. Is the appropriate volume/weight or number of sample containers collected?</li> <li>Yes</li> <li>Outer field sample labels filled out with the minimum information:</li> <li>Sample ID?</li> <li>Date/Time Collected?</li> <li>Yes</li> <li>Collectors name?</li> <li>No</li> <li>A. Are sample(s) correctly preserved?</li> <li>NA</li> <li>A. Is lab filteration required and/or requested for dissolved metals?</li> <li>No</li> <li>Are sample have more than one phase, i.e., multiphase?</li> <li>No</li> <li>The yes, does the COC specify which phase(s) is to be analyzed?</li> <li>Na</li> <li>Are sample have more than one phase, i.e., multiphase?</li> <li>No</li> <li>The yes, does the COC specify which phase(s) is to be analyzed?</li> <li>Na</li> <li>Are sample have more than one phase, i.e., multiphase?</li> <li>No</li> <li>The yes, does the COC specify which phase(s) is to be analyzed?</li> <li>Na</li> <li>Subcontract Laboratory specified by the client and if so who?</li> <li>Na</li> <li>Subcontract Lab: na</li> </ul>	9. Was tl	he sample(s) received intact, i.e., not broken?		Yes		
11. If yes, were classify security seas math:       NA         12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Not:       The preservation is not required, if samples are received wit 15 minutes of sampling         13. If no visible ice, record the temperature. Actual sample temperature: 4°C       Sample Container         14. Are aqueous VOC samples present?       No         15. Are VOC samples collected in VOA Vials?       NA         16. Is the head space less than 6-8 mm (pea sized or less)?       NA         17. Was a trip blank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected in the correct containers?       Yes         19. Is the appropriate volume/weight or number of sample containers collected?       Yes         Field Label       20. Were field sample labels filled out with the minimum information:       Sample TPServation         20. Were field sample labels filled out with the minimum information:       Sample ID?       Yes         Collectors name?       No       No         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       No         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       26. Does the Sample have more than one phase, i.e., multiphase?	1. If yes, were Clasticity section by section of the temperature of sampling       NA       -         2. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes       Note: Thermal preservation is not required, if samples are received wil 15         ample Container       .       .       No         4. Are aqueous VOC samples present?       No         5. Are VOC samples collected in VOA Vials?       NA         6. Is the head space less than 6-8 mm (pea sized or less)?       NA         7. Was a trip blank (TB) included for VOC analyses?       NA         8. Are non-VOC samples collected in the correct containers?       Yes         9. Is the papropriate volume/weight or number of sample containers collected?       Yes         1611 Label       .       .         0. Were field sample labels filled out with the minimum information:       .         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       No         2. Are sample(s) correctly preserved?       NA         4. Is lab filteration required and/or requested for dissolved metals?       No         7. If yes, does the COC specify which phase(s) is to be analyzed?       Na         4. Is lab filteration required to get sent to a subcontract laborator?       No         7. If yes, does the COC specify which pha	10. Were	e custody/security seals present?		No		
Note:: Thermal preservation is not required, if samples are received w/i 15         minutes of sampling         13. If no visible ice, record the temperature. Actual sample temperature: 4°C         Sample Container         14. Are aqueous VOC samples present?       No         15. Are VOC samples collected in VOA Vials?       NA         16. Is the head space less than 6-8 mm (pea sized or less)?       NA         17. Was a trip blank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected in the correct containers?       Yes         19. Is the appropriate volume/weight or number of sample containers collected?       Yes         Outwer field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date/Time Collected?       Yes         Ollectors name?       No         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       No         23. Are sample Matrix       No         26. Does the sample have more than one phase, i.e., multiphase?       No         21. If yes, does the COC specify which phase(s) is to be analyzed?       No         23. Are sample for groups to the assochares (second) is to be analyzed?       No         24. Is lab filteration required and/or requested for dissolved meta	Note: Thermal preservation is not required, if samples are received wii 15 minutes of sampling         3. If no visible ice, record the temperature. Actual sample temperature: 4°C         sample Container         4. Are aqueous VOC samples present?       No         5. Are VOC samples collected in VOA Vials?       NA         6. Is the head space less than 6-8 mm (pea sized or less)?       NA         7. Was a trip blank (TB) included for VOC analyses?       NA         8. Are non-VOC samples collected in the correct containers?       Yes         9. Is the appropriate volume/weight or number of sample containers collected?       Yes         0. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       No         1. Does the COC or field labels indicate the samples were preserved?       No         2. Are sample(s) correctly preserved?       No         4. Is lab filteration required and/or requested for dissolved metals?       No         4. It yes, does the COC specify which phase(s) is to be analyzed?       No         7. If yes, does the COC specify which phase(s) is to be analyzed?       No         7. If yes, does the COC specify which phase(s) is to be analyzed?       No         7. If yes, does the COC specify which phase(s) is to be ana	11. If yes	s, were custody/security seals intact?		NA		by client.
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22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         26. Does the sample have more than one phase, i.e., multiphase?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       NA         28. Are samples required to get sent to a subcontract laboratory?       No	2. Are sample(s) correctly preserved?       NA         4. Is lab filteration required and/or requested for dissolved metals?       No <b>Aultiphase Sample Matrix</b> No         6. Does the sample have more than one phase, i.e., multiphase?       No         7. If yes, does the COC specify which phase(s) is to be analyzed?       NA <b>Subcontract Laboratory</b> No         8. Are samples required to get sent to a subcontract laboratory?       No         9. Was a subcontract laboratory specified by the client and if so who?       NA			arrad?	No		
24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       26. Does the sample have more than one phase, i.e., multiphase?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       28. Are samples required to get sent to a subcontract laboratory?       No	<ul> <li>4. Is lab filteration required and/or requested for dissolved metals? No</li> <li>Aultiphase Sample Matrix</li> <li>6. Does the sample have more than one phase, i.e., multiphase? No</li> <li>7. If yes, does the COC specify which phase(s) is to be analyzed? NA</li> <li>Aubcontract Laboratory</li> <li>8. Are samples required to get sent to a subcontract laboratory? No</li> <li>9. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na</li> </ul>			erveu?			
Multiphase Sample Matrix       No         26. Does the sample have more than one phase, i.e., multiphase?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       NA         28. Are samples required to get sent to a subcontract laboratory?       No	Aultiphase Sample Matrix       No         6. Does the sample have more than one phase, i.e., multiphase?       No         7. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       NA         8. Are samples required to get sent to a subcontract laboratory?       No         9. Was a subcontract laboratory specified by the client and if so who?       NA			als?			
26. Does the sample have more than one phase, i.e., multiphase?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       NA         28. Are samples required to get sent to a subcontract laboratory?       No	6. Does the sample have more than one phase, i.e., multiphase?       No         7. If yes, does the COC specify which phase(s) is to be analyzed?       NA         aubcontract Laboratory       NA         8. Are samples required to get sent to a subcontract laboratory?       No         9. Was a subcontract laboratory specified by the client and if so who?       NA    Subcontract Lab: na			410 i	INU		
27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       NA         28. Are samples required to get sent to a subcontract laboratory?       No	7. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       NA         8. Are samples required to get sent to a subcontract laboratory?       No         9. Was a subcontract laboratory specified by the client and if so who?       NA    Subcontract Lab: na				<b>N</b> 7		
Subcontract Laboratory         28. Are samples required to get sent to a subcontract laboratory?       No	Bubcontract Laboratory       No         8. Are samples required to get sent to a subcontract laboratory?       No         9. Was a subcontract laboratory specified by the client and if so who?       NA       Subcontract Lab: na						
28. Are samples required to get sent to a subcontract laboratory? No	8. Are samples required to get sent to a subcontract laboratory?       No         9. Was a subcontract laboratory specified by the client and if so who?       NA       Subcontract Lab: na			ur	NA		
	9. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na						
29. Was a subcontract laboratory specified by the client and it so who? NA Subcontract Lab: na							
	Client Instruction	29. Was	a subcontract laboratory specified by the client and if so	who?	NA S	Subcontract Lab	: na

Signature of client authorizing changes to the COC or sample disposition.







5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

# Pima Environmental Services-Carlsbad

Project Name:

Beetle Juice 19 Fed Battery 3

Work Order: E505097

Job Number: 01058-0007

Received: 5/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/14/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 5/14/25

Lynsey Coons PO Box 247 Plains, TX 79355-0247 C

Page 396 of 422

Project Name: Beetle Juice 19 Fed Battery 3 Workorder: E505097 Date Received: 5/8/2025 7:00:00AM

Lynsey Coons,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/8/2025 7:00:00AM, under the Project Name: Beetle Juice 19 Fed Battery 3.

The analytical test results summarized in this report with the Project Name: Beetle Juice 19 Fed Battery 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com
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#### Sample Summary

		Sample Sum	mary		
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	Beetle Juice 19 Fe 01058-0007 Lynsey Coons	d Battery 3	<b>Reported:</b> 05/14/25 09:05
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BACKFILL 1	E505097-01A	Soil	05/06/25	05/08/25	Glass Jar, 2 oz.
BACKFILL 2	E505097-02A	Soil	05/06/25	05/08/25	Glass Jar, 2 oz.
BACKFILL 3	E505097-03A	Soil	05/06/25	05/08/25	Glass Jar, 2 oz.
BACKFILL 4	E505097-04A	Soil	05/06/25	05/08/25	Glass Jar, 2 oz.
BACKFILL 5	E505097-05A	Soil	05/06/25	05/08/25	Glass Jar, 2 oz.
BACKFILL 6	E505097-06A	Soil	05/06/25	05/08/25	Glass Jar, 2 oz.
BACKFILL 7	E505097-07A	Soil	05/06/25	05/08/25	Glass Jar, 2 oz.
BACKFILL 8	E505097-08A	Soil	05/06/25	05/08/25	Glass Jar, 2 oz.



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Pima Environmental Services-Carlsbad	Project Name	roject Name: Beetle Juice 19 Fed Battery 3						
PO Box 247	Project Numb	ber: 010	58-0007		Reported:			
Plains TX, 79355-0247	Project Mana	ger: Lyn	sey Coons			5/14/2025 9:05:49AM		
	E	BACKFILL 1						
		E505097-01						
		Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2519110		
Benzene	ND	0.0250	1	05/08/25	05/11/25			
Ethylbenzene	ND	0.0250	1	05/08/25	05/11/25			
Toluene	ND	0.0250	1	05/08/25	05/11/25			
o-Xylene	ND	0.0250	1	05/08/25	05/11/25			
o,m-Xylene	ND	0.0500	1	05/08/25	05/11/25			
Total Xylenes	ND	0.0250	1	05/08/25	05/11/25			
urrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	05/08/25	05/11/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2519110		
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/11/25			
urrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	05/08/25	05/11/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2519151		
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/25	05/10/25			
Dil Range Organics (C28-C36)	ND	50.0	1	05/09/25	05/10/25			
urrogate: n-Nonane		108 %	61-141	05/09/25	05/10/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2520026		
Chloride	ND	20.0	1	05/12/25	05/13/25			



	DC	ampic D	ala			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Numbe Project Manag	er: 010	tle Juice 19 Fed 58-0007 sey Coons	Battery 3		<b>Reported:</b> 5/14/2025 9:05:49AM
	B	ACKFILL 2	}			
		E505097-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2519110
Benzene	ND	0.0250	1	05/08/25	05/11/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/11/25	
Toluene	ND	0.0250	1	05/08/25	05/11/25	
p-Xylene	ND	0.0250	1	05/08/25	05/11/25	
o,m-Xylene	ND	0.0500	1	05/08/25	05/11/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/11/25	
urrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/08/25	05/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2519110
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/08/25	05/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2519151
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/25	05/10/25	
Dil Range Organics (C28-C36)	ND	50.0	1	05/09/25	05/10/25	
Surrogate: n-Nonane		103 %	61-141	05/09/25	05/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2520026
Chloride	ND	20.0	1	05/12/25	05/13/25	



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Pima Environmental Services-Carlsbad	Project Name:	Project Name: Beetle Juice 19 Fed Battery 3						
PO Box 247	Project Numbe	r: 010	58-0007		Reported:			
Plains TX, 79355-0247	Project Manage	er: Lyn	sey Coons			5/14/2025 9:05:49AM		
	BA	ACKFILL 3	;					
	]	E505097-03						
		Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2519110		
Benzene	ND	0.0250	1	05/08/25	05/11/25			
Ethylbenzene	ND	0.0250	1	05/08/25	05/11/25			
Toluene	ND	0.0250	1	05/08/25	05/11/25			
p-Xylene	ND	0.0250	1	05/08/25	05/11/25			
o,m-Xylene	ND	0.0500	1	05/08/25	05/11/25			
Total Xylenes	ND	0.0250	1	05/08/25	05/11/25			
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/08/25	05/11/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2519110		
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/11/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/08/25	05/11/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: HM		Batch: 2519151		
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/25	05/10/25			
Dil Range Organics (C28-C36)	ND	50.0	1	05/09/25	05/10/25			
Surrogate: n-Nonane		111 %	61-141	05/09/25	05/10/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2520026		
Chloride	ND	20.0	1	05/12/25	05/13/25			



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Pima Environmental Services-Carlsbad	mental Services-Carlsbad Project Name: Beetle Juice 19 Fed Battery 3								
PO Box 247	58-0007			Reported:					
Plains TX, 79355-0247	Project Manag	ger: Lyns	sey Coons			5/14/2025 9:05:49AM			
	В	BACKFILL 4							
		E505097-04							
		Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes			
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2519110			
Benzene	ND	0.0250	1	05/08/25	05/11/25				
Ethylbenzene	ND	0.0250	1	05/08/25	05/11/25				
Toluene	ND	0.0250	1	05/08/25	05/11/25				
p-Xylene	ND	0.0250	1	05/08/25	05/11/25				
o,m-Xylene	ND	0.0500	1	05/08/25	05/11/25				
Total Xylenes	ND	0.0250	1	05/08/25	05/11/25				
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	05/08/25	05/11/25				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2519110			
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/11/25				
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	05/08/25	05/11/25				
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2519151			
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/25	05/10/25				
Dil Range Organics (C28-C36)	ND	50.0	1	05/09/25	05/10/25				
Surrogate: n-Nonane		112 %	61-141	05/09/25	05/10/25				
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2520026			
Chloride	ND	20.0	1	05/12/25	05/13/25				



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Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe		tle Juice 19 Fed B 58-0007		Donoutoda		
Plains TX, 79355-0247	Project Manag		sey Coons			<b>Reported:</b> 5/14/2025 9:05:49AM	
Tianis 1A, 79555-0247	Tiojeet Mailag	çci. Lyin	sey coolis			5/14/2025 9:05.49AW	
	В	ACKFILL 5	5				
		E505097-05					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2519110	
Benzene	ND	0.0250	1	05/08/25	05/11/25		
Ethylbenzene	ND	0.0250	1	05/08/25	05/11/25		
Toluene	ND	0.0250	1	05/08/25	05/11/25		
p-Xylene	ND	0.0250	1	05/08/25	05/11/25		
o,m-Xylene	ND	0.0500	1	05/08/25	05/11/25		
Total Xylenes	ND	0.0250	1	05/08/25	05/11/25		
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	05/08/25	05/11/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2519110	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/11/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	05/08/25	05/11/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: HM		Batch: 2519151	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/25	05/10/25		
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/25	05/10/25		
Surrogate: n-Nonane		98.8 %	61-141	05/09/25	05/10/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2520026	
Chloride	ND	20.0	1	05/12/25	05/13/25		



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Pima Environmental Services-Carlsbad	Project Name:		tle Juice 19 Fed E			
PO Box 247	Project Numb		58-0007		Reported:	
Plains TX, 79355-0247	Project Manag	ger: Lyn	sey Coons			5/14/2025 9:05:49AM
	В	ACKFILL 6	5			
		E505097-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2519110
Benzene	ND	0.0250	1	05/08/25	05/11/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/11/25	
Toluene	ND	0.0250	1	05/08/25	05/11/25	
p-Xylene	ND	0.0250	1	05/08/25	05/11/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/11/25	
Fotal Xylenes	ND	0.0250	1	05/08/25	05/11/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/08/25	05/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2519110
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	05/08/25	05/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: HM		Batch: 2519151
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/25	05/10/25	
Surrogate: n-Nonane		99.4 %	61-141	05/09/25	05/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2520026
Chloride	ND	20.0	1	05/12/25	05/13/25	



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5/14/2025 9:05:49AM
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Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe		tle Juice 19 Fed 1 58-0007		Reported:	
Plains TX, 79355-0247	Project Manager:		sey Coons	5/14/2025 9:05:49AM		
	B	ACKFILL 8	}			
	]	E505097-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2519110
Benzene	ND	0.0250	1	05/08/25	05/11/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/11/25	
Toluene	ND	0.0250	1	05/08/25	05/11/25	
p-Xylene	ND	0.0250	1	05/08/25	05/11/25	
o,m-Xylene	ND	0.0500	1	05/08/25	05/11/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/11/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/08/25	05/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: SL		Batch: 2519110
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/08/25	05/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: HM		Batch: 2519151
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/25	05/10/25	
Surrogate: n-Nonane		108 %	61-141	05/09/25	05/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2520026
Chloride	ND	20.0	1	05/12/25	05/13/25	



# **QC Summary Data**

		<b>X</b> U N		ary zac					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Beetle Juice 19 )1058-0007	Fed Batter	ry 3			Reported:
Plains TX, 79355-0247		Project Manager:		Lynsey Coons					5/14/2025 9:05:49AM
		Volatile O	rganics	by EPA 802	21B				Analyst: SL
Analyte		Reporting	Spike	Source		Rec		RPD	
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519110-BLK1)							Prepared: 0	5/08/25 A	Analyzed: 05/11/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.10		8.00		101	70-130			
LCS (2519110-BS1)							Prepared: 0	5/08/25 A	Analyzed: 05/11/25
Benzene	4.41	0.0250	5.00		88.2	70-130			
Ethylbenzene	4.52	0.0250	5.00		90.5	70-130			
Toluene	4.47	0.0250	5.00		89.5	70-130			
p-Xylene	4.50	0.0250	5.00		89.9	70-130			
p,m-Xylene	9.17	0.0500	10.0		91.7	70-130			
Total Xylenes	13.7	0.0250	15.0		91.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.3	70-130			
Matrix Spike (2519110-MS1)				Source:	E505091-	25	Prepared: 0	5/08/25 A	Analyzed: 05/12/25
Benzene	4.87	0.0250	5.00	ND	97.4	70-130			
Ethylbenzene	4.85	0.0250	5.00	ND	97.1	70-130			
Toluene	4.86	0.0250	5.00	ND	97.2	70-130			
p-Xylene	4.82	0.0250	5.00	ND	96.3	70-130			
p,m-Xylene	9.84	0.0500	10.0	ND	98.4	70-130			
Total Xylenes	14.7	0.0250	15.0	ND	97.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			
Matrix Spike Dup (2519110-MSD1)				Source:	E505091-	25	Prepared: 0	5/08/25 A	Analyzed: 05/11/25
Benzene	5.13	0.0250	5.00	ND	103	70-130	5.22	27	
Ethylbenzene	5.26	0.0250	5.00	ND	105	70-130	7.95	26	
Toluene	5.21	0.0250	5.00	ND	104	70-130	6.88	20	
p-Xylene	5.24	0.0250	5.00	ND	105	70-130	8.36	25	
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	7.66	23	
	10.6 15.9	0.0500 0.0250	10.0 15.0	ND ND	106 106	70-130 70-130	7.66 7.89	23 26	



## **QC Summary Data**

		QU D	u 111111	ary Data	4				
Pima Environmental Services-Carlsbac PO Box 247	1	Project Name: Project Number:		Beetle Juice 19 01058-0007	Fed Batter	ry 3			Reported:
Plains TX, 79355-0247		Project Manager:	]	Lynsey Coons					5/14/2025 9:05:49AM
	No	onhalogenated C	Organics	s by EPA 801	15D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519110-BLK1)							Prepared: 0	5/08/25 At	nalyzed: 05/11/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.58		8.00		107	70-130			
LCS (2519110-BS2)							Prepared: 0	5/08/25 A	nalyzed: 05/11/25
Gasoline Range Organics (C6-C10)	56.4	20.0	50.0		113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.60		8.00		108	70-130			
Matrix Spike (2519110-MS2)				Source:	E505091-	25	Prepared: 0	5/08/25 Ai	nalyzed: 05/11/25
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.29		8.00		104	70-130			
Matrix Spike Dup (2519110-MSD2)				Source:	E505091-	25	Prepared: 0	5/08/25 A	nalyzed: 05/11/25
Gasoline Range Organics (C6-C10)	52.3	20.0	50.0	ND	105	70-130	4.69	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.92		8.00		111	70-130			



## **QC Summary Data**

		QC D	u 11111	laly Data	e .				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:		Beetle Juice 19 I 01058-0007 Lynsey Coons	Fed Batter	гу 3			<b>Reported:</b> 5/14/2025 9:05:49AM
	Nonh	alogenated Org	anics b	y EPA 8015D	- DRO	/ORO			Analyst: HM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2519151-BLK1)							Prepared: 0	5/09/25 A	Analyzed: 05/10/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	61-141			
LCS (2519151-BS1)							Prepared: 0	5/09/25 A	Analyzed: 05/10/25
Diesel Range Organics (C10-C28)	270	25.0	250		108	66-144			
Surrogate: n-Nonane	52.1		50.0		104	61-141			
Matrix Spike (2519151-MS1)				Source: ]	E505097-	02	Prepared: 0	5/09/25 A	Analyzed: 05/10/25
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	56-156			
Surrogate: n-Nonane	52.5		50.0		105	61-141			
Matrix Spike Dup (2519151-MSD1)				Source: 1	E505097-	02	Prepared: 0	5/09/25 A	Analyzed: 05/10/25
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	56-156	0.0631	20	
Surrogate: n-Nonane	50.8		50.0		102	61-141			



## **QC Summary Data**

				<i>J</i> – …						
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:		Beetle Juice 19 01058-0007 Lynsey Coons	Fed Batter	у 3			<b>Repo</b>	
		, 0		<b>300.0/9056</b>	1				Analyst:	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Ν	otes
Blank (2520026-BLK1)							Prepared: 05	5/12/25	Analyzed: 05	/12/25
Chloride	ND	20.0								
LCS (2520026-BS1)							Prepared: 05	5/12/25	Analyzed: 05	/12/25
Chloride	254	20.0	250		102	90-110				
Matrix Spike (2520026-MS1)				Source:	E505095-0	04	Prepared: 05	5/12/25	Analyzed: 05	/13/25
Chloride	257	20.0	250	ND	103	80-120				
Matrix Spike Dup (2520026-MSD1)				Source:	E505095-0	04	Prepared: 05	5/12/25	Analyzed: 05	/13/25
Chloride	257	20.0	250	ND	103	80-120	0.0218	20		

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Pima Environmental Services-Carlsbad	Project Name:	Beetle Juice 19 Fed Battery 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Lynsey Coons	05/14/25 09:05

ND Analyte NOT DETECTED at or above the reporting limit	i
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- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with \*\* are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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Chain of Custody

Released to Imaging: 6/9/2025 4:37:01 PM

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	Clie	nt Inform	nation			Invoi	ce information					La	b Us	e On	ly		-1		т/	AT			Sta	te
Client: P	ima Environr	nental Se	rvices. LL	c	-1	Company: Devon				.ab V	VO#			Job	<u>.</u>	ber		10	2D	3D	Std	NM	CO UT	
	Name: Beetle				1.	Address:				SO	<b>K</b> 0	91				000			20	_	x	X		
	Manager: Lyn				1	City, State, Zip:			—F		<u></u>	-			<b>e</b> 0_		<u>.</u>			<b>.</b>			<u> </u>	
	5614 North			· - ·		Phone:				Г				Ana	lvsis	and N	/leti	hod		- terri		E	PA Prog	ram
	te, Zip: Hobb				1	Email:															-	<b>SDWA</b>	CWA	
	75-318-7532				1	Miscellaneous: Pr	oject# 1-147																	
	/nsey@pima				1		0,000.7 2 2 17				<u>م</u>	_ ر										Complia	ice Y	or N
					-						8	ŝ			9		2					PWSID #	T	
				Sample	Info	mation					<u>s</u>	ğ	802	8260	R I	F.	Meta		WW	ř		<u>ه</u> م		
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Filtered	Lab Numb	) ber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samle Temp	Re	marks
11:13	5/0/2025	S				BACKFILL 1			1										X			4.3		
11:18	5/9/2025	s				BACKFILL 2			2										X			4.9		
11:29	5/6/2025	s				BACKFILL 3			3										X			4.1		
11:33	5/6/2025	S		-		BACKFILL 4			4										х			1.8		
11:45	5/6/2025	S				BACKFILL 5			5										х			3.4		
11:57	5/6/2025	s				BACKFILL 6			6										х			44		
12:05	5/6/2025	S				BACKFILL 7	· · · · · · · · · · · · · · · · · · ·		7										Х			1.4		
12:12	5/6/2025	S				BACKFILL 8			8										Х			2.0		
Addition	al Instructio	ns: Billi	ng- 20948	8131																				
I, (field sam Sampled by		e validity and	authenticity	of this sample. I	am aw	are that tampering with or	intentionally mislabeling t	the sa	mple loca	ation, e	date o	or time	of co	lection	n is con	sidered	fraud	d and i	nay b	e grour	ds for	legal action	•	
Relinquish	ed by: (Signatur	re)		Date / . /		Time . 7A	Received by: (Signatur	e)	<i>,</i>			Date	11	12		Time	, .	24			9	amples r	equiring	thermal
L H1	10rew	trai	$\Lambda O$	5/6/2	5	12:20	Karime	H	Zm	L		<u>つ</u>	10	12	5	Time 72		50			pres	ervation	must be r	received on
Relinquish	ed by: (Signatur	8		Dato		112.50	Received by: (Signatur	'e)	<b>h</b>	r		Date				Time					ice	the day t	hey are s	ampled or
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12	~ f~	2		5-7-2	5	27000	I ATL	U	74/	Ŵ	N	- 5	5.8	-25		0	Ю	<b>O</b>				Rece	ived on i	ce:
Relinquish	ed by: (Senatur	re)		Date		Time	Received by: (Signatur	e)				Date				Time						(	<b>`</b> ₹	
Sample Ma	trix: S - Soil, Sd - S	olid, Sg - Sluc	dge, A - Aque	ous, O - Other			· · · · · ·	Con	tainer T	Type:	8-8	glass,	<u>р - р</u>	oly/p	lastic	, ag - a	mb	er gla	iss, v	- VO/	1			
						other arrangements ar											lient	expe	nse.	The re	port f	or the ana	lysis of the	above
samples is	applicable only	to those s	amples rece	eived by the lab	orator	y with this COC. The liat	ility of the laboratory is	s limi	ted to th	he am	iount	paid	for o	the	eport	•								<u></u>

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

lient:	Pima Environmental Services-Carlsbad Da	te Received:	05/08/25 0	7:00	Work Order ID: E505097
Phone:	(575) 631-6977 Da	ate Logged In:	05/07/25 10	6:11	Logged In By: Caitlin Mars
Email:		ie Date:	05/14/25 1	7:00 (4 day TAT)	
Chain o	f Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match	the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was the	he COC complete, i.e., signatures, dates/times, requested	analyses?	No	_	
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comments/Resolution
<u>Sample</u>	Turn Around Time (TAT)				
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		No of containers and sampled by not
Sample	Cooler				provided on COC.
7. Was a	sample cooler received?		Yes		
8. If yes	, was cooler received in good condition?		Yes		
9. Was th	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		
11. If ye	s, were custody/security seals intact?		NA		
12. Was t	he sample received on ice? Note: Thermal preservation is not required, if samples are rea	ceived within	Yes		
	15 minutes of sampling				
13. See (	COC for individual sample temps. Samples outside of 0°	C-6°C will be	e recorded ir	n comments.	
	<u>Container</u>				
	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	e head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?	11 / 10	Yes		
	appropriate volume/weight or number of sample containers	collected?	Yes		
Field La					
	e field sample labels filled out with the minimum inform. Sample ID?	ation.	Yes		
	Date/Time Collected?		Yes	l	
(	Collectors name?		No		
<u>Sample</u>	Preservation				
21. Does	s the COC or field labels indicate the samples were prese	rved?	No		
	sample(s) correctly preserved?		NA		
24. Is lal	o filtration required and/or requested for dissolved metal	s?	No		
<u>Multiph</u>	ase Sample Matrix				
26. Does	s the sample have more than one phase, i.e., multiphase?		No		
27. If ye	s, does the COC specify which phase(s) is to be analyzed	1?	NA		
	ract Laboratory				
	samples required to get sent to a subcontract laboratory?		No		
29. Was	a subcontract laboratory specified by the client and if so	who?	NA	Subcontract Lab	): NA
Client ]	Instruction				

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.

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General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

### State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Action Type:

[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Action 465450

QUESTIONS	
DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 465450

## QUESTIONS

Operator:

Prerequisites	
Incident ID (n#)	nAPP2220629483
Incident Name	NAPP2220629483 BEETLE JUICE 19 FED BATTERY 3 @ 0
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Facility	[fAPP2129455914] BEETLEJUICE 19 3 BATTERY

#### Location of Release Source

Please answer	all the que	stions in this	group.

Site Name	BEETLE JUICE 19 FED BATTERY 3					
Date Release Discovered	07/23/2022					
Surface Owner	Federal					

#### Incident Details

Please answer all the questions in this group.							
Incident Type	Produced Water Release						
Did this release result in a fire or is the result of a fire	No						
Did this release result in any injuries	No						
Has this release reached or does it have a reasonable probability of reaching a watercourse	No						
Has this release endangered or does it have a reasonable probability of endangering public health	No						
Has this release substantially damaged or will it substantially damage property or the environment	No						
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No						

#### Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Lightning   Tank (Any)   Produced Water   Released: 231 BBL   Recovered: 220 BBL   Lost: 11 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	The operator arrived to find a water tank had been struck by lightning. No other tanks were impacted. The load line for the oil tanks was ripped from the tanks. Tanks are still holding fluid and are isolated. The operator immediately shut in all wells, turned of water and circulating pumps, shut and isolated service equipment. All valves were isolated. 231 bbls of produced water were released. Recovered volumes are 220 bbls. The spill was not isolated to containment and went offsite. Was initially reported as 97 bbls released in email to OCD.

General Information Phone: (505) 629-6116

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## State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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QUESTIONS, Page 2

Action 465450

QUESTIONS (continued)		
Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	465450	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Nature and Volume of Release (continued)		
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.	
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes	
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.	
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.		

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
	Not answered. ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of	
actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.		
to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 05/20/2025	

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

### State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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QUESTIONS, Page 3

Action 465450

QUESTIONS	(continued)
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Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	465450
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

#### QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)	
Any other fresh water well or spring	Greater than 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between ½ and 1 (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Zero feet, overlying, or within area	
Categorize the risk of this well / site being in a karst geology	High	
A 100-year floodplain	Greater than 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

#### Remediation Plan

Please answer all the questions	that apply or are indicated. This information must be provided to	o the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation	plan approval with this submission	Yes
Attach a comprehensive report de	emonstrating the lateral and vertical extents of soil contaminatio	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertic	al extents of contamination been fully delineated	Yes
Was this release entirely of	contained within a lined containment area	No
Soil Contamination Samplin	g: (Provide the highest observable value for each, in m	illigrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	3520
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	0
GRO+DRO	(EPA SW-846 Method 8015M)	0
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
	NMAC unless the site characterization report includes complete melines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date w	ill the remediation commence	11/07/2022
On what date will (or did)	the final sampling or liner inspection occur	11/16/2022
On what date will (or was)	the remediation complete(d)	11/16/2022
What is the estimated surf	ace area (in square feet) that will be reclaimed	0
What is the estimated volu	ime (in cubic yards) that will be reclaimed	0
What is the estimated surf	ace area (in square feet) that will be remediated	24800
What is the estimated volu	me (in cubic yards) that will be remediated	4592
These estimated dates and meas	urements are recognized to be the best guess or calculation at th	he time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

### State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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QUESTIONS, Page 4

Action 465450

QUESTIONS (continued)		
Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137	
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 465450	
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

#### QUESTIONS

Remediation Plan (continued)

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:	
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]	
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.	
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.	
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efi which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com	

Date: 05/20/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Released to Imaging: 6/9/2025 4:37:01 PM

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

## **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS	(continued)	

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	465450
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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Deterral Requests Only		
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.		
Requesting a deferral of the remediation closure due date with the approval of this submission	Νο	

Action 465450

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### State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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QUESTIONS, Page 6

Action 465450

QUESTIONS (contin	ued)
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Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	465450
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

mpling Event Information	
Last sampling notification (C-141N) recorded	465452
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/16/2022
What was the (estimated) number of samples that were to be gathered	125
What was the sampling surface area in square feet	24800

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.			
Requesting a remediation closure approval with this submission	Yes		
Have the lateral and vertical extents of contamination been fully delineated	Yes		
Was this release entirely contained within a lined containment area	No		
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes		
What was the total surface area (in square feet) remediated	24800		
What was the total volume (cubic yards) remediated	4592		
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes		
What was the total surface area (in square feet) reclaimed	0		
What was the total volume (in cubic yards) reclaimed	0		
Summarize any additional remediation activities not included by answers (above)	Remediation complete.		
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.			
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.			

	Name: James Raley
I hereby agree and sign off to the above statement	Title: EHS Professional
Thereby agree and sign on to the above statement	Email: jim.raley@dvn.com
	Date: 05/20/2025

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### State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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QUESTIONS, Page 7

Action 465450

QUESTIONS (contin	nued)
	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	465450

Action Type:

[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

#### QUESTIONS

Operator:

Reclamation Report		
Only answer the questions in this group if all reclamation steps have been completed.		
Requesting a reclamation approval with this submission	Yes	
What was the total reclamation surface area (in square feet) for this site	24800	
What was the total volume of replacement material (in cubic yards) for this site	4592	
	four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 over must include a top layer, which is either the background thickness of topsoil or one foot of suitable material	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes	
On what (estimated) date will (or was) the reseeding commence(d)	12/01/2040	
Summarize any additional reclamation activities not included by answers (above)	Reclamation Complete	
	eclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form t field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.		
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 05/20/2025	

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### **State of New Mexico** Energy, Minerals and Natural Resources **Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

**QUESTIONS** (continued)

Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	465450	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Revegetation Report

Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied

Requesting a restoration complete approval with this submission

No Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete

QUESTIONS, Page 8

Action 465450

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## State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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CONDITIONS

Action 465450

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	465450
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS		
Created By		Condition Date
scott.rodgers	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	6/9/2025