Page 1 of 166

Incident ID	nAPP2225551350
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	(ft bgs)
Did this release impact groundwater or surface water?	☐ Yes 🗹 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes 🗸 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes 🗸 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes 🗸 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes 🗸 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes 🗹 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes 🗸 No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes 🗹 No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes 🗹 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes 🗹 No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes 🗸 No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes 🗸 No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vercontamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data Data table of soil contaminant concentration data Depth to water determination 	ls.

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by OCD: 12/9/2022 4:37:33 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 2 of 160	6
Incident ID	nAPP2225551350	
District RP		
Facility ID		

Application ID

Page 3 of 166

Incident ID nAPP2225551350

District RP
Facility ID
Application ID

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: Each of the following	items must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.	11 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office
✓ Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regularestore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification with 19.15.29.13	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.
Printed Name: Albert Ochoa	Title: HSE Representative
Signature: <i>Wutlch</i> oa	Date: 12/09/2022
email: albert.ochoa@goodnightmidstream.com	Telephone: (432) 242-6629
OCD Only	
Received by:	Date: 12/12/2022
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.
Closure Approved by:	Date: 01/09/2023
Printed Name: Jennifer Nobui	Title: Environmental Specialist A

Remediation Summary & Soil Closure Request

Goodnight Midstream Permian, LLC Blueberry SWD H-Pump Discharge

Lea County, New Mexico
Unit Letter "P", Section 24, Township 21 South, Range 33 East
Latitude 32.459186 North, Longitude 103.519099 West
NMOCD Reference No. nAPP2225551350

Prepared By:

Etech Environmental & Safety Solutions, Inc.

6309 Indiana Ave., Ste. D Lubbock, Texas 79413

En J. Arguijo

Joel W. Nowry



Midland • San Antonio • Lubbock • Hobbs • Lafayette

TABLE OF CONTENTS

	Section
PROJECT INFORMATION	1.0
SITE CHARACTERIZATION	
CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE	3.0
INITIAL SITE ASSESSMENT	4 . 0
REMEDIATION ACTIVITIES SUMMARY	5 . 0
RESTORATION, RECLAMATION & RE-VEGETATION PLAN	6.0
SOIL CLOSURE REQUEST	7 .0
LIMITATIONS	8.0
DISTRIBUTION	9.0

FIGURES

Figure 1 - Topographic Map

Figure 2 - Aerial Proximity Map

Figure 3 - Site & Sample Location Map

TABLES

Table 1 - Concentrations of BTEX, TPH & Chloride in Soil

APPENDICES

Appendix A - Depth to Groundwater Information

Appendix B - Field Data

Appendix C - Photographic Log

Appendix D - Laboratory Analytical Reports

Appendix E - Regulatory Correspondence

1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Goodnight Midstream Permian, LLC (Goodnight), has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Blueberry SWD H-Pump Discharge. Details of the release are summarized below:

Location of Release Source										
_atitude:						Longitude: -103.519099				
				Provide	d GPS are in	WGS84 for	nat.			
		•) H-Pump	Discharge	Site 7			Salt W	ater Disposa	ıl (SWD)
Date Release Dis	covered	l:	9/12	/2022	API #	(if appli	cable):		N	/A
Unit Letter	Unit Letter Section Township Rang						(County		
"P"	2			1S	33	·		Lea		
			F - 4 1	T:::1: -1	V D.:	4. O.I.			M 1 4 T	
Surface Owner:	Sta	le	Federal	Tribai	X Priva	te (Na	me _		Merchant L	ivestock
			N	Nature ar	ıd Volu	ime of	Relea	se		
Crude Oil		Volum	e Release	d (bbls)			Vo	lume Reco	overed (bbls)	
X Produced Water Volume Released (bbls				d (bbls)	80.5 Volume			lume Reco	overed (bbls)	30
Is the concentration of total dissolved so (TDS) in the produced water > 10,000 m								X Yes	No	N/A
Condensate		Volum	e Release	d (bbls)		Volume Recovered				
Natural Gas	3	Volum	e Release	d (Mcf)		Volume Recovered (Mcf)				
Other (desc	ribe)	Volum	e/Weight l	Released			Vol	ume/Weig	ht Recovered	1
Cause of Releas The release was		ted to fa	ailure of a	stainless ste	eel thread	ed nipple	on an I	IP pump d	lischarge inje	ection line.
				In	itial Re	sponse				
X The source of	of the re	lease ha	s been stoj	pped.						
X The impacted	d area h	as been	secured to	protect hum	an health	and the er	vironm	ent.		
X Release mat	erials ha	ave beer	contained	via the use	of berms of	or dikes, a	bsorben	t pad, or ot	ther containm	ent devices
						,		-		

Previously submitted portions of the NMOCD Form C-141 are available on the NMOCD Imaging System.

2.0 SITE CHARACTERIZATION

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Blueberry SWD H-Pump Discharge release site.

Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. In addition, on September 15, 2021, an investigative soil boring/temporary monitor well was drilled on the Blueberry Salt Water Disposal (SWD) production pad in an effort to determine if shallow groundwater was present in the area (please reference NMOCD Incident ID #nRM2010753767). A groundwater gauging event conducted on September 20, 2021, indicated the depth to groundwater was approximately 128 feet below ground surface (bgs). The location of the investigative soil boring/temporary monitor well is depicted in Figure 2. A drilling log is provided in Appendix A.

What is the shallowest depth to groundwater beneath the area affected by the release?	128'
Did the release impact groundwater or surface water?	Yes X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes X No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark?	Yes X No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	Yes X No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes X No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No
Are the lateral extents of the release overlying a subsurface mine?	Yes X No
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes X No
Are the lateral extents of the release within a 100-year floodplain?	Yes X No
Did the release impact areas not on an exploration, development, production or storage site?	Yes X No

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish & Wildlife Services (FWS) shapefiles, topographic maps, NMOSE and USGS databases, and aerial imagery. The results are depicted in Figures 1, 2, 4, and 5.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Blueberry SWD H-Pump Discharge release site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	20,000	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
128'	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	1,000	N/A
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

^{*} Measured in milligrams per kilogram (mg/kg)

[†] Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

[‡] The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

4.0 INITIAL SITE ASSESSMENT

On September 16, 2022, Etech conducted an initial site assessment. During the site assessment, three (3) hand-augered soil bores (HDS 1, HDS 2, and HDS 3) were advanced within the release margins in an effort to determine the vertical extent of impacted soil. During the advancement of the hand-augered soil bores, soil samples were collected and field-screened for the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses and/or concentrations of chloride utilizing a Hach Quantab® chloride test kit.

Based on field observations and field test data, six (6) delineation soil samples (HDS 1 @ 2', HDS 1 @ 3', HDS 2 @ 1', HDS 2 @ 2', HDS 3 @ 1', and HDS 3 @ 2') were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, the vertical extent of impacted soil was adequately defined in the areas characterized by hand-augered soil bores HDS 1, HDS 2, and HDS 3. Soil was not affected above the NMOCD Closure Criteria beyond one (1) foot bgs in the areas characterized by sample points HDS 2 and HDS 3 or beyond two (2) feet bgs in the area characterized by sample point HDS 1. However, additional horizontal delineation and/or excavation was required.

5.0 REMEDIATION ACTIVITIES SUMMARY

On September 27, 2022, remediation activities commenced at the release site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards was excavated and stockpiled on-site atop a plastic liner, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the horizontal extent of impacted soil and to guide the excavation. The sidewalls and floors of the excavation were advanced until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards. Representative five-point composite confirmation soil samples were collected every 200 square feet from the sidewalls and floors of the excavated area to be submitted for laboratory analysis.

On September 27, 2022, Etech collected eight (8) confirmation soil samples (NW 1, WW 1 and FL 1 @ 3' through FL 6 @ 3') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory method detection limit (MDL). Chloride concentrations ranged from 32.0 mg/kg in soil sample FL 5 @ 3 to 176 mg/kg in soil sample NW 1.

On September 29, 2022, Etech collected 11 confirmation soil samples (FL 7 @ 3' through FL 17 @ 3') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 32.0 mg/kg in soil samples FL 7 @ 3', FL 8 @ 3', and FL 10 @ 3' through FL 17 @ 3' to 48.0 mg/kg in soil sample FL 9 @ 3'.

On September 30, 2022, Etech collected five (5) confirmation soil samples (FL 18 @ 5' through FL 22 @ 5') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 16.0 mg/kg in soil sample FL 18 @ 5' to 48.0 mg/kg in soil samples FL 19 @ 5' and FL 21 @ 5'.

On October 3, 2022, Etech collected seven (7) confirmation soil samples (EW 1, EW 2, WW 2, and FL 23 @ 5' through FL 26 @ 5') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable

NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX concentrations were also below the laboratory MDL. TPH concentrations ranged from less than the laboratory MDL in soil samples EW 1, WW 2, FL 24 @ 6', and FL 25 @ 6' to 14.0 mg/kg in soil sample EW 2. Chloride concentrations ranged from 32.0 mg/kg in soil sample FL 26 @ 5' to 80.0 mg/kg in soil samples EW 1 and FL 23 @ 5'.

On October 3, 2022, Etech also collected one (1) delineation soil sample (DEF 1) in an effort to further investigate the horizontal extent of impacted soil. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards. BTEX and TPH concentrations were also below the applicable laboratory MDL. The chloride concentration was 48.0 mg/kg. Based on these laboratory analytical results, the horizontal extent of impacted soil was adequately defined in the area characterized by sample point DEF 1, and no additional remedial action was required.

On October 4, 2022, Etech collected five (5) confirmation soil samples (WW 6, FL 27 @ 6', FL 28 @ 2', FL 30 @ 6', and FL 31 @ 6') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 32.0 mg/kg in soil samples FL 27 @ 6', FL 28 @ 2', FL 30 @ 6', and FL 31 @ 6' to 48.0 mg/kg in soil sample WW 6.

On October 5, 2022, Etech collected two (2) confirmation soil samples (FL 29 @ 2' and FL 32 @ 5') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations were 32.0 mg/kg in soil sample FL 29 @ 2' and 48.0 mg/kg in soil sample FL 32 @ 5'.

On October 6, 2022, Etech collected 14 confirmation soil samples (NW 2, EW 3, SW 1 through SW 4, WW 4, WW 5, and FL 33 @ 3' through FL 38 @ 3') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from less than the laboratory MDL in soil sample NW 2 to 64.0 mg/kg in soil sample WW 5.

On October 7, 2022, Etech collected four (4) confirmation soil samples (NW 4, EW 4, SW 6, and FL 39 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from less than the laboratory MDL in soil sample EW 4 to 64.0 mg/kg in soil sample FL 39 @ 4'.

On October 7, 2022, Etech also advanced two (2) hand-augered soil bores (NH 1 and EH 1) along the inferred margins of the release in an effort to further investigate the horizontal extent of impacted soil. In addition, two (2) hand-augered soil bores (N DEF 1 and E DEF) were advanced within the inferred release margins in an effort to determine if impacted soil beneath/adjacent to the semi-permanent outbuildings, the lined SWD containment areas, and associated piping, appurtenances, and/or electrical facilities would require deferral of remediation. Based on field observations and field test data, eight (8) delineation soil samples (NH 1 @ Sur, NH 1 @ 1', EH 1 @ Sur, EH 1 @ 1', N DEF 1 @ Sur, N DEF 1 @ 4', E DEF @ Sur, and E DEF @ 3') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 16.0 mg/kg in soil sample NH 1 @ Sur to 22,800 mg/kg in soil sample E DEF @ Sur, which exceeded the NMOCD Closure Criterion.

Based on these laboratory analytical results, the horizontal and vertical extent of impacted soil was adequately defined in the areas characterized by hand-augered soil bores NH 1, EH 1, N DEF 1, and E DEF. Soil was not affected above the NMOCD Closure Criteria in the area characterized by sample point N DEF 1, and no additional remedial action was required. However, excavation was required in the area characterized by sample point E DEF.

On October 10, 2022, Etech collected five (5) confirmation soil samples (EW 5, EW 6, FL 40 @ Sur, FL 41 @ Sur, and FL 42 @ Sur) from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from less than the laboratory MDL in soil sample EW 6 to 6,320 mg/kg in soil sample FL 42 @ Sur.

On October 10, 2022, Etech also advanced one (1) hand-augered soil bore (WH 1) along the inferred margins of the release in an effort to further investigate the horizontal extent of impacted soil. In addition, one (1) hand-augered soil bore (W DEF 1) was advanced within the release margins in an effort to determine if impacted soil beneath/adjacent to the semi-permanent outbuildings, the lined SWD containment areas, and associated piping, appurtenances, and/or electrical facilities would require deferral of remediation. Based on field observations and field test data, three (3) delineation soil samples (WH 1, W DEF 1 @ Sur, and W DEF 1 @ 2') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 16.0 mg/kg in soil sample WH 1 to 5,200 mg/kg in soil sample W DEF 1 @ Sur.

Based on these laboratory analytical results, the horizontal and vertical extent of impacted soil was adequately defined in the areas characterized by hand-augered soil bores WH 1 and W DEF 1. Soil was not affected above the NMOCD Closure Criteria in the area characterized by sample point W DEF 1, and no additional remedial action was required.

On October 17, 2022, based on laboratory analytical results, the excavation was further advanced in the area characterized by soil sample E DEF @ Sur. Etech collected one (1) confirmation soil sample (E DEF @ 6") from the floor of the excavated area. The soil sample was submitted to the laboratory for analysis of chloride. Laboratory analytical results indicated the chloride concentration was 2,120 mg/kg and below the NMOCD Closure Criterion.

On November 18, 2022, Etech collected three (3) confirmation soil samples (Cont. North, Cont. East, and Cont. West) from the sidewalls of the excavation along the lined containment areas. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 544 mg/kg in soil sample Cont. North to 12,100 mg/kg in soil sample Cont. West.

The final dimensions of the excavated area were approximately 150 feet in length, 70 to 120 feet in width, and two (2) to six (6) feet in depth. During the course of remediation activities, Etech transported approximately 1,380 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 1,378 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

Soil sample locations and the extent of the excavated area are depicted in Figure 3, "Site & Sample Location Map". Soil chemistry data is summarized in Table 1. Field data is provided in Appendix B. General photographs of the release site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D. Copies of all regulatory correspondence are provided in Appendix E.

6.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

The release was limited to the production pad of an active SWD facility. Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with locally sourced, non-impacted, "like" material placed at or near original relative positions and compacted/contoured to meet the needs of the facility. Final reclamation and revegetation will be conducted upon decommissioning and abandonment of the SWD.

7.0 SOIL CLOSURE REQUEST

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. Impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards was excavated and transported to an NMOCD-permitted disposal facility. Laboratory analytical results from confirmation soil samples indicate concentrations of BTEX, TPH, and chloride are below the applicable NMOCD Closure Criteria.

Based on laboratory analytical results and field activities conducted to date, Etech recommends Goodnight provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request closure be granted to the Blueberry SWD H-Pump Discharge release site.

8.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Remediation Summary & Soil Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Goodnight Midstream Permian, LLC. Use of the information contained in this report is prohibited without the consent of Etech and/or Goodnight Midstream Permian, LLC.

9.0 DISTRIBUTION

Goodnight Midstream Permian, LLC 5910 N Central Expy Suite 800 Dallas, TX 75206

New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division, District 1 1220 South St. Francis Drive Santa Fe, NM 87505

(Electronic Submission)

Figure 1 Topographic Map

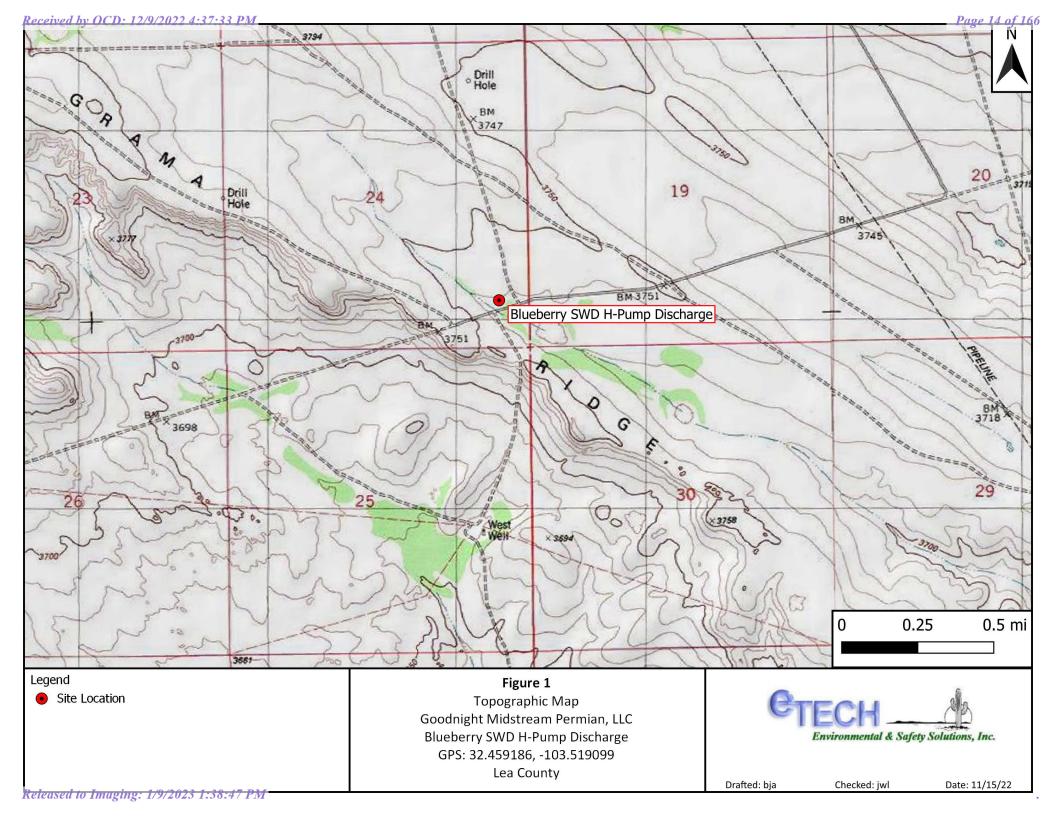


Figure 2 Site Characterization Map

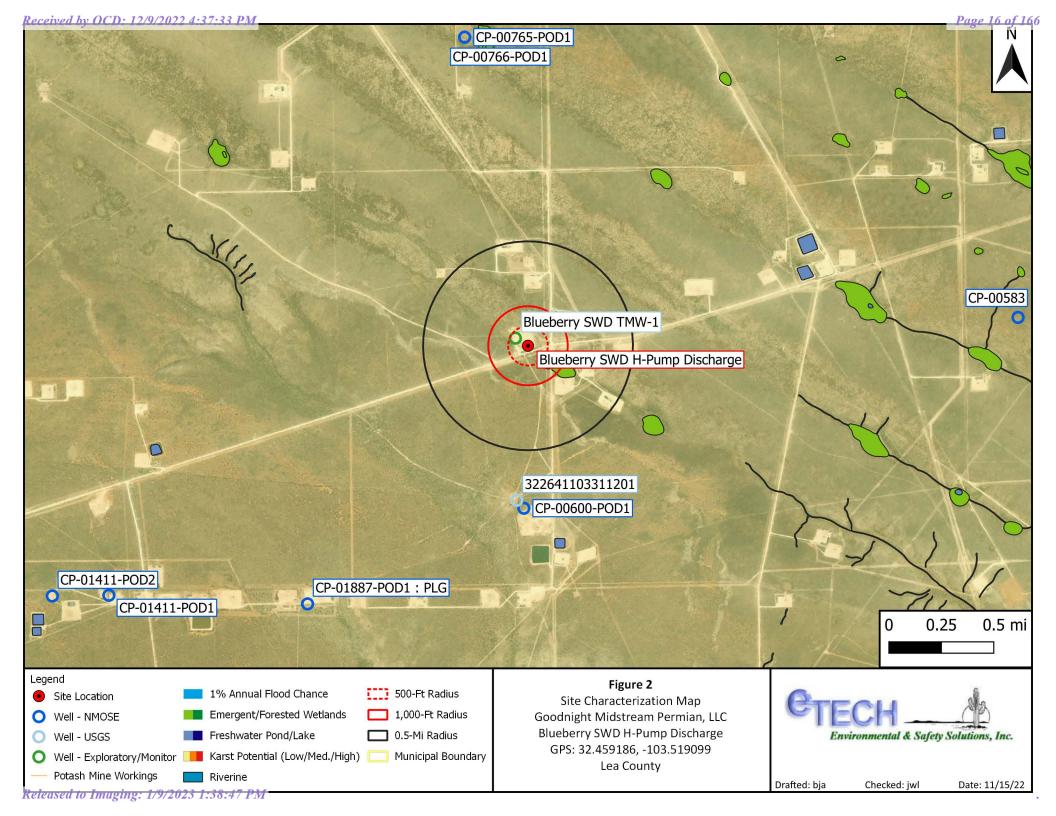


Figure 3 Site & Sample Location Map

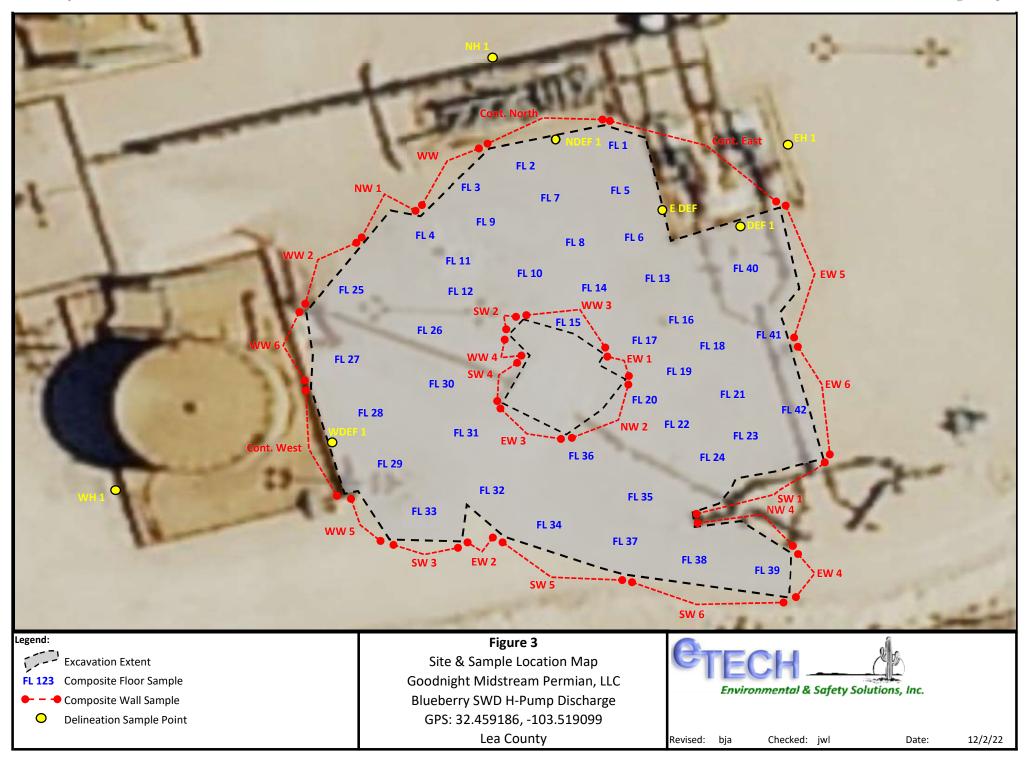


Table 1 Concentrations of BTEX, TPH & Chloride in Soil

Table 1	
Concentrations of BTEX, TPH & Chloride in Soi	il
Goodnight Midstream Permian, LLC	
Blueberry SWD H-Pump Discharge	
NMOCD Ref. #: nAPP2225551350	

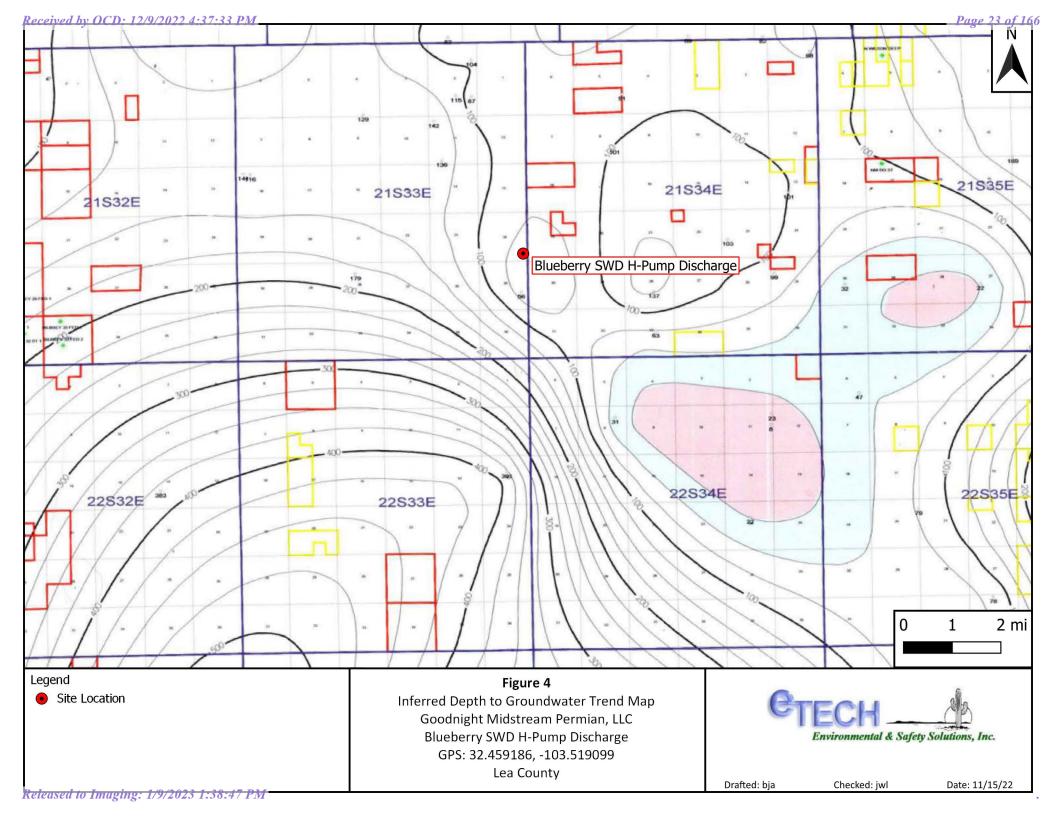
NMOCD Ref. #: nAPP2225551350											
NM	OCD Closure C	riteria		10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOC	CD Reclamation	Standard		10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	6 8021B		SW	846 8015M	ı	4500 Cl	
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
				Deli	neation Samp	oles		,		,	
HDS 1 @ 2'	9/16/2022	2	Excavated	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
HDS 1 @ 3'	9/16/2022	3	Excavated	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
HDS 2 @ 1'	9/16/2022	1	Excavated	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
HDS 2 @ 2'	9/16/2022	2	Excavated	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
HDS 3 @ 1'	9/16/2022	1	Excavated	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	192
HDS 3 @ 2'	9/16/2022	2	Excavated	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NH 1 @ Sur	10/7/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NH 1 @ 1'	10/7/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EH 1 @ Sur	10/7/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EH 1 @ 1'	10/7/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WH 1	10/10/2022	0-1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
DEF 1	10/3/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
N DEF 1 @ Sur	10/7/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,760
N DEF 1 @ 4'	10/7/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
E DEF @ Sur	10/7/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	22,800
E DEF @ 3'	10/7/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
W DEF 1 @ Sur	10/10/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,200
W DEF 1 @ 2'	10/10/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
> 1777 1	0.05.000	0.5.0.5	· ~·		avation Samp		100	200	100	200	150
NW 1	9/27/2022	0.5-2.5	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
NW 2	10/6/2022	0.5-4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 4	10/7/2022	0.5-3.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
EW 1	10/3/2022	0.5-4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
EW 2	10/3/2022	0.5-2.5	In-Situ	<0.050	<0.300	<10.0	14.0	14.0	<10.0	14.0	48.0
EW 3	10/6/2022	0.5-5.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 4 EW 5	10/7/2022	0.5-3.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EW 5	10/10/2022	0.5-2.5	In-Situ	<0.050	<0.300	<10.0 <10.0	<10.0 <10.0	<20.0	<10.0	<30.0 <30.0	32.0 <16.0
SW 1	10/10/2022	0.5-5.5	In-Situ	<0.050		<10.0		<20.0	<10.0	<30.0	
SW 1	10/6/2022	0.5-4.5	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0	32.0 32.0
SW 2 SW 3	10/6/2022				< 0.300		<10.0			<30.0	
SW 4	10/6/2022	0.5-5.5	In-Situ In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0 <20.0	<10.0 <10.0	<30.0	48.0 16.0
SW 6	10/0/2022	0.5-3.5	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 1	9/27/2022	0.5-5.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
WW 2	10/3/2022	0.5-5.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 4	10/6/2022	0.5-4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WW 5	10/6/2022	0.5-2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
WW 6	10/0/2022	0.5-5.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 1 @ 3'	9/27/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 2 @ 3'	9/27/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 3 @ 3'	9/27/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 4 @ 3'	9/27/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 5 @ 3'	9/27/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 6 @ 3'	9/27/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 7 @ 3'	9/29/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 8 @ 3'	9/29/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
-2063	J. 2.J. 2022		III Situ	0.050	.0.500	10.0	10.0	20.0	10.0	50.0	52.0

Dash (-): Sample not analyzed for that constituent. **Bold:** NMOCD Closure Criteria exceedance. **Red:** NMOCD Reclamation Standard exceedance.

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Goodnight Midstream Permian, LLC Blueberry SWD H-Pump Discharge NMOCD Ref. #: nAPP2225551350

NMO	OCD Closure C	Criteria		10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOC	D Reclamation	Standard		10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	6 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 9 @ 3'	9/29/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 10 @ 3'	9/29/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 11 @ 3'	9/29/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 12 @ 3'	9/29/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 13 @ 3'	9/29/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 14 @ 3'	9/29/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 15 @ 3'	9/29/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 16 @ 3'	9/29/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 17 @ 3'	9/29/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 18 @ 5'	9/30/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 19 @ 5'	9/30/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 20 @ 5'	9/30/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 21 @ 5'	9/30/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 22 @ 5'	9/30/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 23 @ 5'	10/3/2022	5	In-Situ	< 0.050	< 0.300	<10.0	10.6	10.6	<10.0	10.6	80.0
FL 24 @ 6'	10/3/2022	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 25 @ 6'	10/3/2022	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 26 @ 5'	10/3/2022	5	In-Situ	< 0.050	< 0.300	<10.0	11.6	11.6	<10.0	11.6	32.0
FL 27 @ 6'	10/4/2022	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 28 @ 2'	10/4/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 29 @ 2'	10/5/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 30 @ 6'	10/4/2022	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 31 @ 6'	10/4/2022	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 32 @ 5'	10/5/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 33 @ 3'	10/6/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 34 @ 5'	10/6/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 35 @ 2'	10/6/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 36 @ 5'	10/6/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 37 @ 3'	10/6/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 38 @ 3'	10/6/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 39 @ 4'	10/7/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 40 @ Sur	10/10/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL 41 @ Sur	10/10/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,240
FL 42 @ Sur	10/10/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,320
E DEF @ 6"	10/17/2022	0.5	In-Situ	-	-	ı	-	-	-	-	2,120
Cont. North	11/18/2022	0.5-2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	544
Cont. East	11/18/2022	0.5-2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,320
Cont. West	11/18/2022	0.5-4.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,100

Appendix A Depth to Groundwater Information





Soil Boring/Temporary Monitor Well TMW-1

Company: Goodnight Midstream Permian, LLC

Site: Blueberry SWD

NMOCD Reference #: nRM2010753767

Location: Lea Co., NM

PLSS: U/L "P" (SE/SE), Sec. 24, T21S, R33E

Well/Borehole ID: TMW-1

Coordinates (NAD 83): 32.459725,-103.520119

Drilling Date: 9/15/2021

Depth of Boring (ft): 150

Depth to Groundwater (ft): 128.8

Plugging Date: 10/25/2021

Drilling Company: Scarborough Drilling, Inc.

Driller: L. Scarborough
Drilling Method: Air Rotary
Logged By: L. Scarborough
Drafted By: B. Arguijo

Draft Date: 10/29/2021

Completion: N/A Casing: N/A Screen: N/A

Comments: N/A

Material Description Analysis of the second of the social at lower deaths, water was inected Notes: **Lines between material types represent approximate boundaries. Actual transitions may be gradual. **Dute to the non-cohesky enature of the soil at lower deaths, water was inected **Description **Material Description **Application of the soil at lower deaths, water was inected **Description **Application of the soil at lower deaths, water was inected **Description **Description **Application of the soil at lower deaths, water was inected **Description **Description **Application of the soil at lower deaths, water was inected **Description of the soil at lower deaths, water was inected **Description of the soil at lower deaths, water was inected **Description of the soil at lower deaths, water was inected **Description of the soil at lower deaths, water was inected **Description of the soil at lower deaths, water was inected **Description of the soil at lower deaths, water was inected	Caliche Topsoil Caliche Caliche Caliche Sandy with rock ledges Sandy with rock ledges Loose sand Notes: Lines between material types represent approximate boundaries. Actual transitions								
Caliche Topsoil Caliche Colliche Colli	Caliche Topsoil Caliche Cali	Depth (ft)	Groundwater	Lithology	Material Description	Chloride Field Test	Lab	PID	Well Construction
beginning at approximately 120 feet below ground surface (bgs) to prevent collapse of the borehole.		- 20 - 30 - 40 - 50 - 60 - 70 - 100 - 110 - 120 - 130 - 140 - 150		0.00	Caliche Sandy with rock ledges Loose sand Notes: Lines between material types represent approximate boundaries. Actual transitions may be gradual. Due to the non-cohesive nature of the soil at lower depths, water was injected beginning at approximately 120 feet below ground surface (bgs) to prevent collapse of the borehole.				<u> </u>

Disclaimer This bore log is intended for environmental not geotechnical purposes.



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(NAD83 UTM in meters)

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is

closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(In feet)

	POD									
	Sub-		QQQ						Depth	Depth Water
POD Number	Code basin	County	64 16 4	Sec T	ws Rng	X	Υ	Distance	Well	Water Column
CP 00600 POD1	СР	LE	2 4	25 2	21S 33E	639152	3591054* 🌍	1246	65	
CP 00765 POD1	СР	LE	3 2	13 2	21S 33E	638698	3594668* 🎒	2417	508	
CP 00766 POD1	СР	LE	3 2	13 2	21S 33E	638698	3594668* 🌍	2417	510	
CP 01887 POD1	СР	LE	2 2 2	35 2	21S 33E	637492	3590319 🌍	2604		

Average Depth to Water: --

Minimum Depth: -

Maximum Depth: --

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 639184 **Northing (Y):** 3592300.34 **Radius:** 3220

*UTM location was derived from PLSS - see Help

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.



Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q6

Q64 Q16 Q4 Sec Tws Rng

X Y

CP 00600 POD1

122

2 4 25 21S 33E

639152 3591054*

Driller License:

Driller Company:

UNKNOWN

Driller Name:

Drill Start Date:

Drill Finish Date:

Plug Date:

- ---**-**

Shallow

Log File Date:

PCW Rcv Date:

Source:

Shahow

Pump Type:

Pipe Discharge Size:

Estimateu

Estimated Yield: 3 GPM

Casing Size:

6.63

Depth Well:

65 feet

Depth Water:

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^{*}UTM location was derived from PLSS - see Help



Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

CP 00765 POD1

6.63

13 21S 33E

3594668*

Driller License: 122 **Driller Company:**

UNKNOWN

Driller Name:

GRADY ROBERTS

Drill Finish Date:

11/01/1953

Plug Date:

Shallow

Log File Date:

Drill Start Date:

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

11 GPM

Casing Size:

Depth Well:

508 feet

Depth Water:

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^{*}UTM location was derived from PLSS - see Help



Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec Tws Rng

X

CP 00766 POD1

3 2 13 21S 33E

98 3594668*

4

Driller License: 122

Driller Company:

UNKNOWN

Driller Name:

GRADY ROBERTS

02/11/1961

7.00

Drill Finish Date:

03/13/1961

Plug Date:

C1 11

Log File Date:

Drill Start Date:

PCW Rcv Date:

Source: Shallow

D..... T....

1 C W RCV Date.

Estimated Yield:

11 GPM

Pump Type: Casing Size:

Pipe Discharge Size:

Donald V

Depth Well: 510 feet

Depth Water:

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.

^{*}UTM location was derived from PLSS - see Help



Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

CP 01887 POD1 NA

35 21S 33E 3590319

Driller License: 1249 **Driller Company:**

ATKINS ENGINEERING ASSOC. INC.

Driller Name:

ATKINS, JACKIE D.UELENER

10/07/2021

Plug Date:

10/14/2021

Drill Start Date: Log File Date:

10/07/2021 11/02/2021

Drill Finish Date:

PCW Rcv Date:

Source:

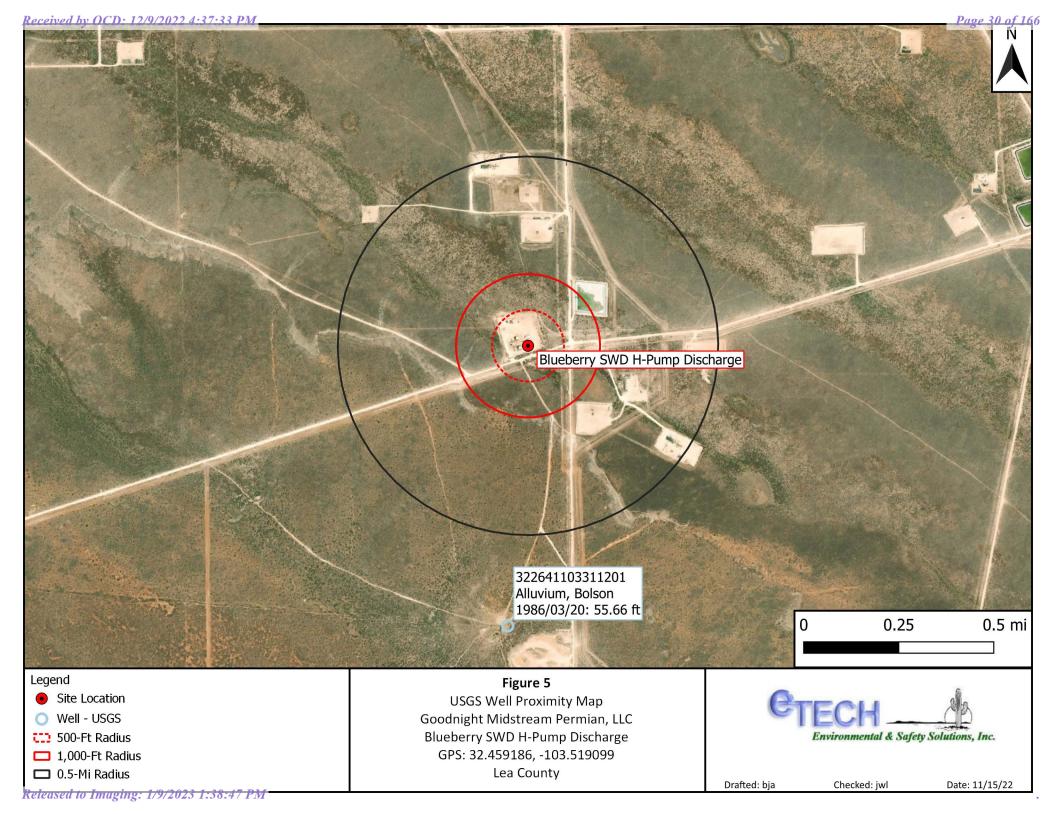
Pump Type: Casing Size: Pipe Discharge Size:

Estimated Yield:

Depth Well:

Depth Water:

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.





21S.33E.25.42322



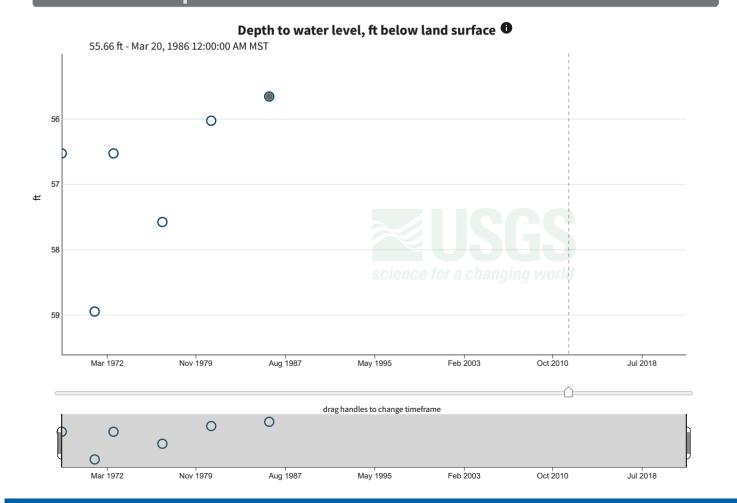
IMPORTANT Inventory Page 1

Monitoring location 322641103311201 is associated with a WELL in LEA COUNTY, NEW MEXICO. Water data back to 1968 are available online.

1 year 10 years

Period of record

Change time span **₹** Retrieve data



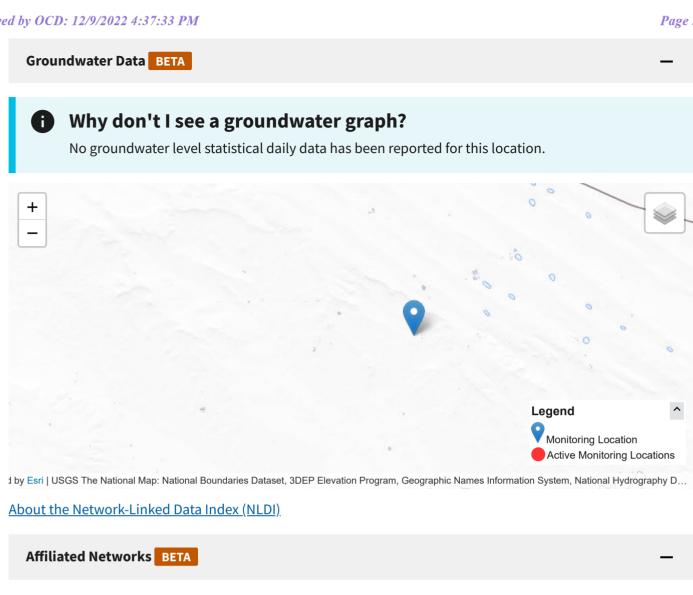
Questions or Comments

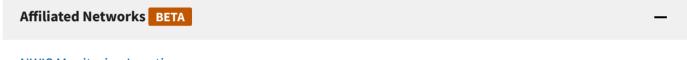
Compare to last year
Display median
Field visit: O Approved
IMPORTANT Data may be provisional - <u>learn more</u>
Select Data to Graph
1968-03-28 to 1986-03-20 Depth to water level, ft below land surface
1968-03-28 to 1986-03-20
Groundwater level above NAVD 1988, ft
1968-03-28 to 1986-03-20 Groundwater level above NGVD 1929, feet
Hydrograph data table(s)

Field visit data

Parameter	Time	Result	Accuracy	Approval	Qualifiers
Depth to water level, ft below land surface	1968- 03-28	56.53	0.01	Approved	Static
Depth to water level, ft below land surface	1971- 02-04	58.95	0.01	Approved	Static
Depth to water level, ft below land surface	1972- 09-22	56.53	0.01	Approved	Static
Depth to water level, ft below land surface	1976- 12-16	57.58	0.01	Approved	Static
Depth to water level, ft below land surface	1981- 03-10	56.03	0.01	Approved	Static
Depth to water level, ft below land surface	1986- 03-20	55.66	0.01	Approved	Static

1





NWIS Monitoring Locations

Summary of All Available Data

USGS Parameter Group	Data Types	Start Date	End Date
Physical	Groundwater Levels	1968-03-28	1986-03-20

Water Data for the Nation inventory

Location Metadata

Follow Y (7) (7) (9) (9) DOI Privacy Policy | Legal | Accessibility | Site Map | Contact USGS U.S. Department of the Interior | DOI Inspector General | White House | E-gov No Fear Act FOIA

Appendix B Field Data

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and the second of the second of the second of

Sample Log

Date:	9 16 22	

Project:	BI	vebe	rry

Project Number: Latitude: Longitude:

HPS 1@ Sor	Sample ID	PID/Oder	Chloride Conc.	GPS
HPX 2 @ SW	HP31@SUr		852	
HPX 2 @ SW	HDS IPI		640 01	
HPX 2 @ SW	HDS 1 @ 2		212	
HPX 2 @ SW	H95 1@3			
HDS 3 @ 1	*			
HDS 3 @ 1	HPG Z @ SVV		852	
HDS 3 @ 1	HOSZ @1	_	180	
HDS 3 @ 1	HD5 2 @2			
	HDS ZRSUV			
	HD5 3 @1		400	
	HD53@2			- Table
		4		
		10 -		
		1111		
	Control of the second s			

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Como Areas



Project:

Project Number:

Sample Log

				Date:		
Blueberry SW	D H-Pump Disch	arge		 -		
er:	16657	Latitude:	32.459186	Longitude:	-103.519099	

Sample ID	PID/Odor	Chloride Conc.	GPS
FLIG3		296	
FL2@3 F13@3		296	
F13@3		200	
WWI		296	
NWI NWI	-	228	
FL4 @ 3 FL6 @ 3		200	
FL5@3		296	
FL6@3		298	
TL7@3		300	
FL8@3	_	30-	
FL9@3	-	700	
FL9@3 FL9@3 FL10@3		264	
FLIT @3		700	
rirez		300	
1613 By		200	
1(14) 8 3		264	
FL 15 3		200	
FL17 @3		26 ^U	
11.15 P3 FLIT @3 51.19 @5			
FL 19@5		300	
FLEDOS		340	-
FL2185		764	
FL 27 @5		200	
FL 23 @ 5	 ,	200	
FL 24 @ 5		200	
EWI		264	
EVIZ		296	
PL 25@6		264	
WW2		296	
FL 26@ S		200	
Def 1@5		296	
£:27@6		120	
FL 28@2		200	
F129@2		200	
= L 28@2 = L 2 9 @ Z WW 3 EW 6		264	
CW6		and for fire	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

		6.
		SHr.
		1 40
	-	
7909	 4516	and the state of

Sample Log

		Date:	
Project:			
Project Number:	Latitude:	Longitude:	

Sample ID	PID/Odor	Chloride Conc.	GPS
F13006	_	296	
	~	296	
13205		264	
5 W Z		744	
NW2	_	280	
EW 3	-	780	
EW 3 SW3		280	
11/11/4		180	
NW3		180	
FL 33@3	-	280	
FL 34@5		~44	
SWI	_	244	
235@2	-	286	
13605	7	244	
WW5	_	212	
VW5 737@3	-	204	
73663	-	2 80	
EW4		280	
VIVU	-	7 401	
VWU	-	780	
139 @ 4	-	385	
NDef 1@ Sur	-	1,652	
NDef 18 A		280	
NH 1@ SUV		280	
NHIGI		712	
E Det @ SUV	_	2-552	
Def @ l		244	
H @ SUr	1	~12	
HQ 1		212	
51 40 @ SUV	_	756	
141@ 5UV 141@ 5UV WDef 1@ 5UV		4,312.	
-L42@SVr		3.976	
WDet 10 SUV		4,676	
wpefl@2		212	
WHI	-	280	
EV5	-	244	

Sample Point = SP#1 (P ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil intended to be Deferred = SP #1 @ 4' in-Situ

Resamples= SF #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

Appendix C Photographic Log

Photo Number:

1

Photo Direction:

Southwest

Photo Description:





Photo Number:

2

Photo Direction:

Northwest

Photo Description:

View of affected area.



Photo Number:

3

Photo Direction: West-Southwest

Photo Description:



View of affected area.

Photo Number:

4

Photo Direction:

South

Photo Description:

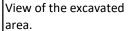




Photo Number:

5

Photo Direction: South

Photo Description:



View of the excavated area.

Photo Number:

6

Photo Direction:

Northeast

Photo Description:

View of the excavated area.



Photo Number:

7

Photo Direction: North

Photo Description:

area.



Photo Number:

Photo Direction:

West

Photo Description:

View of the excavated area.



Photo Number:

9

Photo Direction:

North-Northeast

Photo Description:

View of the remediated area after backfill and regrading.



Photo Number:

10

Photo Direction: North-Northwest

Photo Description:

View of the remediated area after backfill and regrading.



Appendix D Laboratory Analytical Reports



September 20, 2022

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: BLUEBERRY

Enclosed are the results of analyses for samples received by the laboratory on 09/16/22 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/16/2022 Sampling Date: 09/16/2022 Reported: 09/20/2022 Sampling Type: Soil

Project Name: BLUEBERRY Sampling Condition: ** (See Notes)
Project Number: 10262 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - HOBBS

Sample ID: HDS 1 @ 2 (H224312-01)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2022	ND	172	85.9	200	3.47	
DRO >C10-C28*	<10.0	10.0	09/19/2022	ND	179	89.4	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	09/19/2022	ND					
Surrogate: 1-Chlorooctane	83.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.8	% 46.3-17	8						

Sample ID: HDS 1 @ 3 (H224312-02)

mg,	/kg	Analyze	d By: GM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
48.0	16.0	09/20/2022	ND	432	108	400	0.00	
mg,	/kg	Analyze	d By: CK					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	09/20/2022	ND	184	92.2	200	9.20	
<10.0	10.0	09/20/2022	ND	177	88.4	200	8.68	
<10.0	10.0	09/20/2022	ND					
62.3	% 45.3-16	1						
70.3	% 46.3-17	8						
	Result 48.0 mg/ Result <10.0 <10.0 <62.3	48.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <62.3 % 45.3-16	Result Reporting Limit Analyzed 48.0 16.0 09/20/2022 mg/kg Analyze Result Reporting Limit Analyzed <10.0 10.0 09/20/2022 <10.0 10.0 09/20/2022 <10.0 10.0 09/20/2022 <10.0 10.0 09/20/2022	Result Reporting Limit Analyzed Method Blank 48.0 16.0 09/20/2022 ND mg/kg Analyzed By: CK Result Reporting Limit Analyzed Method Blank <10.0	Result Reporting Limit Analyzed Method Blank BS 48.0 16.0 09/20/2022 ND 432 mg/kg Analyzed By: CK Result Reporting Limit Analyzed Method Blank BS <10.0	Result Reporting Limit Analyzed Method Blank BS % Recovery 48.0 16.0 09/20/2022 ND 432 108 mg/kg Analyzed By: CK Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 48.0 16.0 09/20/2022 ND 432 108 400 mg/kg Analyzed By: CK Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 48.0 16.0 09/20/2022 ND 432 108 400 0.00 mg/kg Analyzed By: CK Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <10.0

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 09/16/2022
 Sampling Date:
 09/16/2022

 Reported:
 09/20/2022
 Sampling Type:
 Soil

Project Name: BLUEBERRY Sampling Condition: ** (See Notes)
Project Number: 10262 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - HOBBS

Sample ID: HDS 2 @ 1 (H224312-03)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	184	92.2	200	9.20	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	177	88.4	200	8.68	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					
Surrogate: 1-Chlorooctane	67.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.2	% 46.3-17	8						

Sample ID: HDS 2 @ 2 (H224312-04)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	184	92.2	200	9.20	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	177	88.4	200	8.68	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					
Surrogate: 1-Chlorooctane	73.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.0	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

 Received:
 09/16/2022
 Sampling Date:
 09/16/2022

 Reported:
 09/20/2022
 Sampling Type:
 Soil

Project Name: BLUEBERRY Sampling Condition: ** (See Notes)
Project Number: 10262 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - HOBBS

Sample ID: HDS 3 @ 1 (H224312-05)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	184	92.2	200	9.20	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	177	88.4	200	8.68	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					
Surrogate: 1-Chlorooctane	73.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.3	% 46.3-17	8						

Sample ID: HDS 3 @ 2 (H224312-06)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	184	92.2	200	9.20	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	177	88.4	200	8.68	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					
Surrogate: 1-Chlorooctane	66.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	74.5	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

Received by OCD: 12/9/2022 4:37:33 PM

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7004 FAX (325)673-7020

Company Name	Etech Environmental & Safety Solut	ions								9//	1 10	fl av				ANALYSI	S REQUE	ST	
Project Manage	r: Jole Loury							P.O.	Ø:										
Address: 261	7 West Marland							Com	pany	:6	menight	MILOYRELL							
City: Hobbs	State: NM	Zi	o: 88	824	0			Attn:	all	per	+ marti	ner							
Phone #: (575)	264-9884 Fax #:							Addr	ess:										
roject #:	Project Owne	er:		-		-		City:	H	tob	15			5	B				
	Blue Beery					-	-	State			Zip:		e	5	BTEX (8021B)				
	n: rure (Hobbs							Phon	e #:				Chloride	õ	8				
ampler Name:	•							Fax 1					골	8	×				
FOR LAB USE ONLY		T	T		à	MATR	X	PI	RESE	RV.	SAMPL	ING	O	도	BTEX				
Lab I.D. 4224312 DC 1	Sample I.D.	(G)RAB OR (C)OMP.	NTAIN	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ICE / COOL	OTHER.	DATE	TIME			Φ.				
DC 1	HD51@2					1					9/16	400		V					
2	HPS 1 @ 3										1								
3	HDS 2@ 1 HDS 2@ 2					1						i	1						
4	HDS 2@ 2					1			-										
5	HD53@1					1						1							
6	HD53 Q 2					1					4	4	_	V					

afficies or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such chall is based upon any of the above stated reasons or etherwise.

reiniquistied by.	Date: 0 1/	Received by	/1/1/1	Priorie Resunc.	LITES	ED MO	Add Phone #.
Valfr	Time: 4 .000	m Samora		Fax Result: REMARKS:	☐ Yes	Ø No	Add'l Fax #:
Relinquished By:	Date:	Received By:		email resu	ults		
	Time:						
Delivered By: (Circle One)	, 2	5ample Condition	CHECKED BY:				
Sampler - UPS - Bus - Other:	33.0e/3a	Cool Intact Yes Yes No No	(Initials)				

[†] Cardinal cannot accept verbal changes Please fax written changes to 505-393-2476



September 30, 2022

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: BLUEBERRY SWD H-PUMP DISCHARGE

Enclosed are the results of analyses for samples received by the laboratory on 09/27/22 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

A ... - I. ... - - I D. ... 311 /

 Received:
 09/27/2022
 Sampling Date:
 09/27/2022

 Reported:
 09/30/2022
 Sampling Type:
 Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: RURAL UNIT

Sample ID: FL 1 @ 3 (H224492-01)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	1.94	97.1	2.00	6.30	
Toluene*	<0.050	0.050	09/30/2022	ND	1.89	94.4	2.00	5.83	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.78	88.9	2.00	6.99	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.53	92.1	6.00	7.37	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2022	ND	208	104	200	9.22	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	225	113	200	7.91	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					
Surrogate: 1-Chlorooctane	90.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.1	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celeg & Freene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Analyzed By: JH/

Received: 09/27/2022

Sampling Date:

09/27/2022

Reported: Project Name: 09/30/2022

mg/kg

Sampling Type:

Soil

BTEX 8021B

BLUEBERRY SWD H-PUMP DISCHARGE

Sampling Condition: Sample Received By: ** (See Notes) Tamara Oldaker

Project Number:

16657

Project Location: **RURAL UNIT**

Sample ID: FL 2 @ 3 (H224492-02)

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	1.94	97.1	2.00	6.30	
Toluene*	<0.050	0.050	09/30/2022	ND	1.89	94.4	2.00	5.83	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.78	88.9	2.00	6.99	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.53	92.1	6.00	7.37	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2022	ND	208	104	200	9.22	
DRO >C10-C28*	<10.0	10.0	09/29/2022	ND	225	113	200	7.91	
EXT DRO >C28-C36	<10.0	10.0	09/29/2022	ND					
Surrogate: 1-Chlorooctane	90.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.4	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/27/2022

Sampling Date:

09/27/2022

Reported:

09/30/2022

Sampling Type:

Soil

Project Name:

BLUEBERRY SWD H-PUMP DISCHARGE

Sampling Condition:

** (See Notes)

Project Number:

16657

Sample Received By:

Applyzod By: 1H /

Tamara Oldaker

Project Location:

RTFY 8021R

RURAL UNIT

ma/ka

Sample ID: FL 3 @ 3 (H224492-03)

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	1.94	97.1	2.00	6.30	
Toluene*	<0.050	0.050	09/30/2022	ND	1.89	94.4	2.00	5.83	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.78	88.9	2.00	6.99	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.53	92.1	6.00	7.37	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2022	ND	208	104	200	9.22	
DRO >C10-C28*	<10.0	10.0	09/29/2022	ND	225	113	200	7.91	
EXT DRO >C28-C36	<10.0	10.0	09/29/2022	ND					
Surrogate: 1-Chlorooctane	94.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Applyzod By: 1H /

Received: 09/27/2022

Sampling Date:

09/27/2022

Reported: Project Name: 09/30/2022

RURAL UNIT

ma/ka

Sampling Type: Sampling Condition: Soil
** (See Notes)

Project Number:

RTFY 8021R

BLUEBERRY SWD H-PUMP DISCHARGE 16657

Sample Received By:

Tamara Oldaker

Project Location:

Sample ID: FL 4 @ 3 (H224492-04)

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	1.94	97.1	2.00	6.30	
Toluene*	<0.050	0.050	09/30/2022	ND	1.89	94.4	2.00	5.83	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.78	88.9	2.00	6.99	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.53	92.1	6.00	7.37	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2022	ND	208	104	200	9.22	
DRO >C10-C28*	<10.0	10.0	09/29/2022	ND	225	113	200	7.91	
EXT DRO >C28-C36	<10.0	10.0	09/29/2022	ND					
Surrogate: 1-Chlorooctane	95.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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Celey D. Keene



Tamara Oldaker

Sample Received By:

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/27/2022 Sampling Date: 09/27/2022

Reported: 09/30/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)

Project Location: RURAL UNIT

16657

Sample ID: FL 5 @ 3 (H224492-05)

Project Number:

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	1.94	97.1	2.00	6.30	
Toluene*	<0.050	0.050	09/30/2022	ND	1.89	94.4	2.00	5.83	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.78	88.9	2.00	6.99	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.53	92.1	6.00	7.37	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2022	ND	208	104	200	9.22	
DRO >C10-C28*	<10.0	10.0	09/29/2022	ND	225	113	200	7.91	
EXT DRO >C28-C36	<10.0	10.0	09/29/2022	ND					
Surrogate: 1-Chlorooctane	93.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.2	% 46.3-17	'8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/27/2022 Sampling Date: 09/27/2022

Reported: 09/30/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: RURAL UNIT

ma/ka

Sample ID: FL 6 @ 3 (H224492-06)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	1.94	97.1	2.00	6.30	
Toluene*	<0.050	0.050	09/30/2022	ND	1.89	94.4	2.00	5.83	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.78	88.9	2.00	6.99	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.53	92.1	6.00	7.37	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2022	ND	208	104	200	9.22	
DRO >C10-C28*	<10.0	10.0	09/29/2022	ND	225	113	200	7.91	
EXT DRO >C28-C36	<10.0	10.0	09/29/2022	ND					
Surrogate: 1-Chlorooctane	96.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

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09/27/2022

Soil

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Applyzod By: 1H /

ma/ka

09/27/2022 Sampling Date: 09/30/2022 Sampling Type:

Project Name: BLUEBERRY S
Project Number: 16657

BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)

16657 Sample Received By: Tamara Oldaker

Project Location: RURAL UNIT

Sample ID: WW 1 (H224492-07)

Received:

Reported:

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	1.94	97.1	2.00	6.30	
Toluene*	<0.050	0.050	09/30/2022	ND	1.89	94.4	2.00	5.83	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.78	88.9	2.00	6.99	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.53	92.1	6.00	7.37	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2022	ND	208	104	200	9.22	
DRO >C10-C28*	<10.0	10.0	09/29/2022	ND	225	113	200	7.91	
EXT DRO >C28-C36	<10.0	10.0	09/29/2022	ND					
Surrogate: 1-Chlorooctane	88.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.3	% 46.3-17	78						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/27/2022 Sampling Date: 09/27/2022

Reported: 09/30/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: RURAL UNIT

ma/ka

Sample ID: NW 1 (H224492-08)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2022	ND	1.94	97.1	2.00	6.30	
Toluene*	<0.050	0.050	09/30/2022	ND	1.89	94.4	2.00	5.83	
Ethylbenzene*	<0.050	0.050	09/30/2022	ND	1.78	88.9	2.00	6.99	
Total Xylenes*	<0.150	0.150	09/30/2022	ND	5.53	92.1	6.00	7.37	
Total BTEX	<0.300	0.300	09/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/28/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2022	ND	208	104	200	9.22	
DRO >C10-C28*	<10.0	10.0	09/29/2022	ND	225	113	200	7.91	
EXT DRO >C28-C36	<10.0	10.0	09/29/2022	ND					
Surrogate: 1-Chlorooctane	93.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100	% 46.3-17	<i>'8</i>						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 2111

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Released to Imaging: 1/9/2023 1:38:47 PM

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name: Etech Environmental & Safety Solutions	ANALYSIS REQUEST					
Project Manager: Joel Lawrey	P.O. #:					
Address: 2617 West Marland	Company: good night midstan					
City: Hobbs State: NM Zip: 88240	Attn: Albert Martinez					
Phone #: (575) 264-9884 Fax #:	Address:					
Project #: 16157 Project Owner:	City: Holdes					
Project Name: Blue berry SWI H- SUMP Discharge	State: NM Zip:	15 2 de				
Project Location: / (/o/ U/)	Phone #:	Chloride TPH (8015M) STEX (8021B				
Sampler Name: Domn't Control 2	Fax #:					
FOR LAB USE ONLY MATR	PRESERV. SAMPLING					
# CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER: ACID/BASE: ICE/COOL OTHER:					
D/ 1 861 23	4 27 4:20					
2 8 2 2 2 3						
3 FL 3 Q 3						
4 FL 4 @ 3						
5 FL 5 @ 3	and a second					
GFL 6 R 3						
7 / 1/1						
8 N W!		V V .				
PLEASE NOTE: Liability and Damages Cardinal's liability and client's exclusive remedy for any claim arising whether based in o	ntract or tort, shall be limited to the amount paid by the client for	the				
analyses. All claims including those for negligence and any other cause whatsoever shall be deemed warved unless made in wit service. In no event shall Cardinal be liable for incidental or consequental damages, including without fimitation, business interru	ng and received by Cardinal within 30 days after completion of the ions, loss of use, or loss of profits incurred by client, its subsidiar	ne applicable vius				
Relinquished By: Date: 9/27 Received By: Time: 2/20 Time: 2/20 Received By:	Physical Result REIMARKS	sult:				
Relinquished By: Date: Received By: Time:	ernail	results				
Delivered By: (Circle One) #//3 Sample Co	ndition CHECKED BY:					

(initials)

Cool Intact
Yes Yes
No No

[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



October 04, 2022

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: BLUEBERRY SWD H-PUMP DISCHARGE

Enclosed are the results of analyses for samples received by the laboratory on 09/29/22 16:17.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 09/29/2022
 Sampling Date:
 09/29/2022

 Reported:
 10/04/2022
 Sampling Type:
 Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)

Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 7 @ 3 (H224548-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2022	ND	2.19	110	2.00	1.22	
Toluene*	<0.050	0.050	10/04/2022	ND	2.13	107	2.00	0.655	
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.11	106	2.00	0.273	
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.42	107	6.00	0.364	
Total BTEX	<0.300	0.300	10/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	201	101	200	4.76	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	201	101	200	6.36	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	87.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.5	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Analyzed By: 14

Received: 09/29/2022

Sampling Date: 09/29/2022

Reported: 10/04/2022
Project Name: BLUEBERRY SWD H-PUMP DISCHARGE

Sampling Type: Soil

Project Number: 16657

Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

ma/ka

Sample ID: FL 8 @ 3 (H224548-02)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2022	ND	2.19	110	2.00	1.22	
Toluene*	<0.050	0.050	10/04/2022	ND	2.13	107	2.00	0.655	
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.11	106	2.00	0.273	
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.42	107	6.00	0.364	
Total BTEX	<0.300	0.300	10/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	201	101	200	4.76	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	201	101	200	6.36	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	84.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.0	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/29/2022 Sampling Date: 09/29/2022

Reported: 10/04/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes) Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 9 @ 3 (H224548-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2022	ND	2.19	110	2.00	1.22	
Toluene*	<0.050	0.050	10/04/2022	ND	2.13	107	2.00	0.655	
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.11	106	2.00	0.273	
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.42	107	6.00	0.364	
Total BTEX	<0.300	0.300	10/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	201	101	200	4.76	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	201	101	200	6.36	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	106 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 9	6 46.3-17	8						

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09/29/2022

Soil

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/29/2022 Sampling Date: Reported: 10/04/2022 Sampling Type:

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes) Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 10 @ 3 (H224548-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2022	ND	2.19	110	2.00	1.22	
Toluene*	<0.050	0.050	10/04/2022	ND	2.13	107	2.00	0.655	
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.11	106	2.00	0.273	
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.42	107	6.00	0.364	
Total BTEX	<0.300	0.300	10/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	208	104	200	3.41	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	212	106	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	72.9 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.79	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/29/2022 Sampling Date: 09/29/2022

Reported: 10/04/2022 Sampling Type: Soil BLUEBERRY SWD H-PUMP DISCHARGE

Project Name: Sampling Condition: ** (See Notes) Project Number: Sample Received By: 16657 Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 11 @ 3 (H224548-05)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2022	ND	2.19	110	2.00	1.22	
Toluene*	<0.050	0.050	10/04/2022	ND	2.13	107	2.00	0.655	
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.11	106	2.00	0.273	
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.42	107	6.00	0.364	
Total BTEX	<0.300	0.300	10/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	6 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	208	104	200	3.41	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	212	106	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	72.8 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.69	6 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/29/2022 Sampling Date: 09/29/2022 Reported: 10/04/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes) Project Number: Sample Received By: 16657 Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 12 @ 3 (H224548-06)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2022	ND	2.19	110	2.00	1.22	
Toluene*	<0.050	0.050	10/04/2022	ND	2.13	107	2.00	0.655	
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.11	106	2.00	0.273	
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.42	107	6.00	0.364	
Total BTEX	<0.300	0.300	10/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	6 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	208	104	200	3.41	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	212	106	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	69.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.79	6 46.3-17	0						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/29/2022 Reported: 10/04/2022 Sampling Date: 09/29/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes) Sample Received By: Tamara Oldaker

Project Number: 16657

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 13 @ 3 (H224548-07)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2022	ND	2.19	110	2.00	1.22	
Toluene*	<0.050	0.050	10/04/2022	ND	2.13	107	2.00	0.655	
Ethylbenzene*	< 0.050	0.050	10/04/2022	ND	2.11	106	2.00	0.273	
Total Xylenes*	< 0.150	0.150	10/04/2022	ND	6.42	107	6.00	0.364	
Total BTEX	<0.300	0.300	10/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	208	104	200	3.41	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	212	106	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	64.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.2	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/29/2022 Sampling Date: 09/29/2022 Reported: 10/04/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes) Sample Received By: Project Number: 16657 Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 14 @ 3 (H224548-08)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2022	ND	2.19	110	2.00	1.22	
Toluene*	<0.050	0.050	10/04/2022	ND	2.13	107	2.00	0.655	
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.11	106	2.00	0.273	
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.42	107	6.00	0.364	
Total BTEX	<0.300	0.300	10/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	208	104	200	3.41	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	212	106	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	71.9 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.4 9	46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/29/2022 Reported:

10/04/2022 Sampling Type: Soil BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition:

Project Name: Project Number: 16657

Project Location: GOODNIGHT - RURAL HOBBS Sampling Date: 09/29/2022

Sample Received By:

** (See Notes) Tamara Oldaker

Sample ID: FL 15 @ 3 (H224548-09)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2022	ND	2.19	110	2.00	1.22	
Toluene*	<0.050	0.050	10/04/2022	ND	2.13	107	2.00	0.655	
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.11	106	2.00	0.273	
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.42	107	6.00	0.364	
Total BTEX	<0.300	0.300	10/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	6 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	208	104	200	3.41	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	212	106	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	71.1 %	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.1 9	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/29/2022 Sampling Date: 09/29/2022

Reported: 10/04/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 16 @ 3 (H224548-10)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2022	ND	2.19	110	2.00	1.22	
Toluene*	<0.050	0.050	10/04/2022	ND	2.13	107	2.00	0.655	
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.11	106	2.00	0.273	
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.42	107	6.00	0.364	
Total BTEX	<0.300	0.300	10/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2022	ND	208	104	200	3.41	
DRO >C10-C28*	<10.0	10.0	10/01/2022	ND	212	106	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	10/01/2022	ND					
Surrogate: 1-Chlorooctane	57.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	69.5	% 46.3-17	<i>'</i> 8						
Surrogate: 1-Chlorooctadecane	69.3	% 46.3-1/	8						

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Celey D. Kreene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 09/29/2022 Sampling Date: 09/29/2022 Reported: 10/04/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes) Sample Received By: Project Number: 16657 Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 17 @ 3 (H224548-11)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2022	ND	2.19	110	2.00	1.22	
Toluene*	<0.050	0.050	10/04/2022	ND	2.13	107	2.00	0.655	
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.11	106	2.00	0.273	
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.42	107	6.00	0.364	
Total BTEX	<0.300	0.300	10/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/03/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	208	104	200	3.41	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	212	106	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					
Surrogate: 1-Chlorooctane	77.4 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.6 9	6 46.3-17	8						

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name:		-						,		_	_	70	NE -L					ANA	ALYS	IS I	REC	QUE	ST		-	
Project Manager:								P.O.										T	T							
Address: 2617	West Marland							Com	pan	y: C	500	dnis	ine2													
City: Hobbs	State: NM	Zip	: 88	3240				Attn:	A	ber	4	Mart	inez													
Phone #: (575) 2	264-9884 Fax #:							Addr								1										
Project #:	Project Owner	G	200	Rigi	1+			City:	4	066	15				TPH (8015M)	0	ום									
Project Name:	Blue berry SWD H-PUM	P	015	che	15			State	e: //	1/19	Zip	:		de	15	10	7									
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FOR LAB USE ONLY					MA	TRD	(P	RES	ERV.	5	SAMPLI	VG	10	4	L	П									
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name:	Etech Environment	al & Safety Solution	ons						Selve y	13.		711	LIN	to other					ANAI	LYSIS	RE	QUE	ST			
Project Manager									P.(O. #																
Address: 2617	West Marland	/							Co	mp	апу:	90	ad rish	be dan	in .											
City: Hobbs		State: NM	Zip	: 88	240)				tn:	Al	be	r+ ma	stine2												
Phone #: (575)	264-9884	Fax #:							Ad	ldre																
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FOR LAB USE ONLY						M	ATRI	X		PR	ESE	RV.	SAMPL	NG	O	7	BTEX									
Lab I.D. H224548	Sample	I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	JOS OF	SLUDGE	OTHER.	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME			æ									
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October 07, 2022

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: BLUEBERRY SWD H-PUMP DISCHARGE

Enclosed are the results of analyses for samples received by the laboratory on 09/30/22 16:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

 Received:
 09/30/2022
 Sampling Date:
 09/30/2022

 Reported:
 10/07/2022
 Sampling Type:
 Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 18 @ 5 (H224576-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	1.94	96.8	2.00	7.01	
Toluene*	<0.050	0.050	10/06/2022	ND	1.95	97.4	2.00	6.39	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.95	97.7	2.00	7.87	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	5.95	99.2	6.00	8.56	
Total BTEX	<0.300	0.300	10/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/04/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2022	ND	199	99.7	200	1.42	
DRO >C10-C28*	<10.0	10.0	10/05/2022	ND	198	99.2	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	10/05/2022	ND					
Surrogate: 1-Chlorooctane	93.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/30/2022 Sampling Date: 09/30/2022

Reported: 10/07/2022 Sampling Type: Soil BLUEBERRY SWD H-PUMP DISCHARGE

Project Name: Sampling Condition: ** (See Notes) Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 19 @ 5 (H224576-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	1.94	96.8	2.00	7.01	
Toluene*	<0.050	0.050	10/06/2022	ND	1.95	97.4	2.00	6.39	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.95	97.7	2.00	7.87	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	5.95	99.2	6.00	8.56	
Total BTEX	<0.300	0.300	10/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/04/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2022	ND	199	99.7	200	1.42	
DRO >C10-C28*	<10.0	10.0	10/05/2022	ND	198	99.2	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	10/05/2022	ND					
Surrogate: 1-Chlorooctane	94.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103 9	6 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/30/2022 Sampling Date: 09/30/2022

Reported: 10/07/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 20 @ 5 (H224576-03)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	1.94	96.8	2.00	7.01	
Toluene*	<0.050	0.050	10/06/2022	ND	1.95	97.4	2.00	6.39	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.95	97.7	2.00	7.87	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	5.95	99.2	6.00	8.56	
Total BTEX	<0.300	0.300	10/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/04/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2022	ND	199	99.7	200	1.42	
DRO >C10-C28*	<10.0	10.0	10/05/2022	ND	198	99.2	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	10/05/2022	ND					
Surrogate: 1-Chlorooctane	87.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.0	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/30/2022 Sampling Date: 09/30/2022

Reported: 10/07/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes) Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 21 @ 5 (H224576-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	1.94	96.8	2.00	7.01	
Toluene*	<0.050	0.050	10/06/2022	ND	1.95	97.4	2.00	6.39	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.95	97.7	2.00	7.87	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	5.95	99.2	6.00	8.56	
Total BTEX	<0.300	0.300	10/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/04/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2022	ND	199	99.7	200	1.42	
DRO >C10-C28*	<10.0	10.0	10/05/2022	ND	198	99.2	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	10/05/2022	ND					
Surrogate: 1-Chlorooctane	93.7 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 %	6 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/30/2022 Sampling Date: 09/30/2022 Reported: 10/07/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes) Sample Received By: Project Number: 16657 Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 22 @ 5 (H224576-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	1.94	96.8	2.00	7.01	
Toluene*	<0.050	0.050	10/06/2022	ND	1.95	97.4	2.00	6.39	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.95	97.7	2.00	7.87	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	5.95	99.2	6.00	8.56	
Total BTEX	<0.300	0.300	10/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/04/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/05/2022	ND	199	99.7	200	1.42	
DRO >C10-C28*	<10.0	10.0	10/05/2022	ND	198	99.2	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	10/05/2022	ND					
Surrogate: 1-Chlorooctane	91.5	45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.3 9	% 46.3-17	8						

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Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

Received by OCD: 12/9/2022 4:37:33 PM

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name	Frech Flianomineman of 29	fety Solutions							-	3/1	LTO						ANAL	YSIS	RE	QUES	T			
Project Manage	W. JOEL LOWLY							0. #																
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City: Hobbs	Sta	ite: NM Zi	p: 882	240			Ai	tn:/	4/6	61.	+ mas	tinez												
Phone #: (575)) 264-9884 Fax	#:						idre																
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Project Name:		D HPUMY				e	St	ate:	MA	n:	Zip:		9	TPH (8015M)	(8021B)									
Project Location		5					PI	one	#;				Chloride	80	8					ŧ				
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FOR LAB USE ONLY			П		MATI	RIX	_	PRI	ESER	₹V.	SAMPL	ING	10	10	TEX									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	TAIN	GROUNDWATER	SOIL	SLUDGE	OTHER.	ACID/BASE:	ICE / COOL	OTHER	DATE	TIME		-	B									
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enalyses, All claims include service, in no event shall C	nd Demegos. Cardinal's fability and disert's exploring tisses for negligance and any other cause whe ardinal be liable to incidental or consequential dring out of or reliated to the performance of service. Y: Date	mages, induding with: shereutides by Cardin	ed walved at Emitadio	unless i or, busin oss of wi	made in w seas inten sether au	alling or spolyur	nd mot	dreed by	Curds or loss :	uni wit of pro	fish 30 days all the injourned by	or completion of 0 ellerst, its subside	he applica vios se.	D Ye	. 0	No	Add'i F	Hone						
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Relinquished By	V: Date		ceive	ed By						-)	email	rest	ults										

CHECKED BY:

Sample Condition Cool Intact

[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



October 10, 2022

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: BLUEBERRY SWD H-PUMP DISCHARGE

Enclosed are the results of analyses for samples received by the laboratory on 10/03/22 16:16.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 10/03/2022
 Sampling Date:
 10/03/2022

 Reported:
 10/10/2022
 Sampling Type:
 Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)

Project Number: 16657 Sample Received By: Tamara Oldaker

Applyand By 14

Project Location: GOODNIGHT - RURAL HOBBS

ma/ka

Sample ID: EW 1 (H224597-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	10/08/2022	ND	2.14	107	2.00	2.84	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	2.04	102	2.00	2.85	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	6.15	103	6.00	1.95	
Total BTEX	<0.300	0.300	10/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/07/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	193	96.6	200	2.89	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	182	90.9	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	116	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	142	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/03/2022 Sampling Date: 10/03/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 23 @ 5 (H224597-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	10/08/2022	ND	2.14	107	2.00	2.84	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	2.04	102	2.00	2.85	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	6.15	103	6.00	1.95	
Total BTEX	<0.300	0.300	10/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/07/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	193	96.6	200	2.89	
DRO >C10-C28*	10.6	10.0	10/06/2022	ND	182	90.9	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	119	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	145	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/03/2022 Sampling Date: 10/03/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

mg/kg

Sample ID: FL 24 @ 6 (H224597-03)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	10/08/2022	ND	2.14	107	2.00	2.84	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	2.04	102	2.00	2.85	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	6.15	103	6.00	1.95	
Total BTEX	<0.300	0.300	10/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/07/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	193	96.6	200	2.89	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	182	90.9	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	122	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/03/2022 Sampling Date: 10/03/2022

Reported: 10/10/2022 Sampling Type: Soil
Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: **(

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

mg/kg

Sample ID: FL 25 @ 6 (H224597-04)

BTEX 8021B

DILX GOZID	ıııg,	Kg .	Allulyzo	.u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	10/08/2022	ND	2.14	107	2.00	2.84	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	2.04	102	2.00	2.85	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	6.15	103	6.00	1.95	
Total BTEX	<0.300	0.300	10/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8	% 69.9-140)						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/07/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	193	96.6	200	2.89	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	182	90.9	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	114 %	% 45.3-161	1						
Surrogate: 1-Chlorooctadecane	138 9	% 46.3-178	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND

HOBBS NM, 88240 Fax To:

Received: 10/03/2022 Sampling Date: 10/03/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)

Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 26 @ 5 (H224597-05)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	10/08/2022	ND	2.14	107	2.00	2.84	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	2.04	102	2.00	2.85	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	6.15	103	6.00	1.95	
Total BTEX	<0.300	0.300	10/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/07/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	193	96.6	200	2.89	
DRO >C10-C28*	11.6	10.0	10/06/2022	ND	182	90.9	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	109	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	132	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/03/2022 Sampling Date: 10/03/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: GOODNIGHT - RURAL HOBBS

ma/ka

Sample ID: EW 2 (H224597-06)

RTFY 8021R

BIEX 8021B	mg,	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.23	112	2.00	2.88	
Toluene*	< 0.050	0.050	10/08/2022	ND	2.14	107	2.00	2.84	
Ethylbenzene*	< 0.050	0.050	10/08/2022	ND	2.04	102	2.00	2.85	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	6.15	103	6.00	1.95	
Total BTEX	<0.300	0.300	10/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/07/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	193	96.6	200	2.89	
DRO >C10-C28*	14.0	10.0	10/06/2022	ND	182	90.9	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	129	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/03/2022 Sampling Date: 10/03/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

mg/kg

Sample ID: WW 2 (H224597-07)

BTEX 8021B

DILX GOZID	iiig/	, kg	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	10/08/2022	ND	2.14	107	2.00	2.84	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	2.04	102	2.00	2.85	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	6.15	103	6.00	1.95	
Total BTEX	<0.300	0.300	10/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/07/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	193	96.6	200	2.89	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	182	90.9	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	107	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	128	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/03/2022 Sampling Date: 10/03/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

mg/kg

Sample ID: DEF 1 @ (H224597-08)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	10/08/2022	ND	2.14	107	2.00	2.84	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	2.04	102	2.00	2.85	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	6.15	103	6.00	1.95	
Total BTEX	<0.300	0.300	10/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/07/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	193	96.6	200	2.89	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	182	90.9	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	125	% 46.3-17	8						

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Celey D. Keine



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

Released to Imaging: 1/9/2023 1:38:47 PM

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name	Etech Environmental & Safety Sol	utions	BILL TO				ANALYSIS	REQUEST
Project Manage			P.O. #:					
Address: 261 City: Hobbs	7 West Marland State: NM	Zin: 99240	Company: Boodnight /milstra Attn: Albert martine 2	ca.				
		Zip: 88240						
Phone #: (575)) 264-9884 Fax #:	1.010	Address: Hobbs			m		
Project #:	Project Own	ner: Good NISHT	City: Hobbs	0	15	-		
Project Name:	Blueberry SWD H	- FIMP Vischarge	State: //./// Zip:	de	4	8		
Project Locatio	n. R. 1/21 / Q.C. 10		Phone #:	Chloride	TPH (8015M)	8		
Sampler Name:	Dominic Casa	ve2	Fax#:	正	_	×		
FOR LAB USE ONLY		MATRIX	PRESERV SAMPLING	0	1	ш		
Lab I.D. H224597	Sample I.D. EW I FL 2305 FL 2406 FL 2506	(G)RAB OR (C)OA CONTAINERS GROUNDWATER WASTEWATER SOIL	ACIDIBASE: ICE / COOL OTHER.					
DC	EWI	1	10-5 4:16	1	/	/		
2	FL 2305		1	1				
3	FL24@6							
4	FL25@6							
5	FL26@16							
4	EWZ							
7	WWZ						1	
8	Oct 1 D			1				

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Relinquished By:	Date: 10 - 3	Received By:	11/1/2	Fax Result: REMARKS:	☐ Yes	ZI No	Add'l Fax #:	
Relinquished By:	Time: 4:16	Received By:	dakk	email rest	Htc			
Tromiquistics by:	Time:			Citian 1650	arco			
Delivered By: (Circle One)	1 7	Sample Condition Cool Intact	CHECKED BY: (Initials)					
Sampler - UPS - Bus - Other:	28.20/2	7.6 No No	No-					

[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



October 10, 2022

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: BLUEBERRY SWD H-PUMP DISCHARGE

Enclosed are the results of analyses for samples received by the laboratory on 10/04/22 16:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/04/2022 Sampling Date: 10/04/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Applyand By 14

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 27 @ 6 (H224630-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2022	ND	2.13	106	2.00	3.75	
Toluene*	<0.050	0.050	10/09/2022	ND	2.02	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	10/09/2022	ND	1.95	97.4	2.00	3.75	
Total Xylenes*	<0.150	0.150	10/09/2022	ND	5.89	98.1	6.00	5.06	
Total BTEX	<0.300	0.300	10/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	225	112	200	3.42	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	231	116	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					
Surrogate: 1-Chlorooctane	111 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	135	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/04/2022 Sampling Date: 10/04/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: 16657 Sample Received By:

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 28 @ 2 (H224630-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2022	ND	2.13	106	2.00	3.75	
Toluene*	<0.050	0.050	10/09/2022	ND	2.02	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	10/09/2022	ND	1.95	97.4	2.00	3.75	
Total Xylenes*	<0.150	0.150	10/09/2022	ND	5.89	98.1	6.00	5.06	
Total BTEX	<0.300	0.300	10/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	225	112	200	3.42	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	231	116	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					
Surrogate: 1-Chlorooctane	117 9	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	144 9	6 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/04/2022 Sampling Date: 10/04/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

mg/kg

Sample ID: FL 30 @ 6 (H224630-03)

BTEX 8021B

	97	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2022	ND	2.13	106	2.00	3.75	
Toluene*	<0.050	0.050	10/09/2022	ND	2.02	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	10/09/2022	ND	1.95	97.4	2.00	3.75	
Total Xylenes*	<0.150	0.150	10/09/2022	ND	5.89	98.1	6.00	5.06	
Total BTEX	<0.300	0.300	10/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	210	105	200	2.40	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	216	108	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					
Surrogate: 1-Chlorooctane	131 9	26 45.3-16	1						
Surrogate: 1-Chlorooctadecane	161 9	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/04/2022 Sampling Date: 10/04/2022

Reported: 10/10/2022 Sampling Type: Soil
Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: **(

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

mg/kg

Sample ID: FL 31 @ 6 (H224630-04)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2022	ND	2.13	106	2.00	3.75	
Toluene*	<0.050	0.050	10/09/2022	ND	2.02	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	10/09/2022	ND	1.95	97.4	2.00	3.75	
Total Xylenes*	<0.150	0.150	10/09/2022	ND	5.89	98.1	6.00	5.06	
Total BTEX	<0.300	0.300	10/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	210	105	200	2.40	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	216	108	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					
Surrogate: 1-Chlorooctane	130	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	158	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/04/2022 Sampling Date: 10/04/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: WW 6 (H224630-05)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2022	ND	2.16	108	2.00	5.74	
Toluene*	<0.050	0.050	10/09/2022	ND	2.06	103	2.00	5.96	
Ethylbenzene*	<0.050	0.050	10/09/2022	ND	2.00	99.8	2.00	5.32	
Total Xylenes*	<0.150	0.150	10/09/2022	ND	6.09	102	6.00	4.05	
Total BTEX	<0.300	0.300	10/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/10/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	210	105	200	2.40	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	216	108	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					
Surrogate: 1-Chlorooctane	126	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	155	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

Released to Imaging: 1/9/2023 1:38:47 PM

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name: Etech En	vironmental & Safety Solution	ons								BI	LL 70						ANAL	YSIS	REC	QUES	T						
Project Manager: Jo								P.O										T				and the same of th					
ddress: 2617 West Ma													Con	npa	ny:Go	dichth	detrous							and of the			A CONTRACTOR OF THE PERSON NAMED IN CONT
City: Hobbs State: NM Zip: 88240					Attr	1: /	Albe	rt was	tine 2						-			and the same of									
hone #: (575) 264-9884	Fax #:							Add	mpany: Goodstept Mid n: Albert Marti dress: Harbs		Wbs									and the same	-						
roject #:	Project Owner	- Ga	000	n	ich	+		city: ADD65				S	00			-			na principal de la companya de la co	All Delivers							
Project Name: Blue b	Project Owner	D	isch	-GV	150	e	S			e: #VM Zip:				5	2			gape upon									
Project Location: AVVG	Lea 10							Pho	ne	#:			Chloride	TPH (8015M)	(8021B)												
ampler Name: Down	inic Casave	2	_					Fax	套:				Ĕ	0						1	and and						
FOR LAB USE ONLY				-	M	ATRI	X	-	PRE	SERV.	SAMPLI	NG	0	4	TEX			-				-					
HZZ4630 DC 1 FL276 ZFL 286 3 FL 306 4 FL 310	16	(G)RAB OR (C)OM	# CONTAINERS	GROUNDWATER		SOIL	SLUDGE	OTHER.	ACID/BASE:	ICE / COOL	DATE 10 4	TIME		1	B	/											
S W						,					,																
PLEASE NOTE: Liability and Demegee. Cardinatelysee. All delates statuding trace for negligenerates. In no event shall Cardinate be indee for statistates or suppressessor arithing out of or related to Relinquished By:	ce and any other cause whittoever shall be	deeme y without Cardinal	d waiv at limit l, regit	ed unk	EV:	de in wri	fing acre ptions, others	I repair	ed by	Cardinal v	within 30 days after	o noinplation of 0	ne applica rries se. sult: it:	□ Ye		No No	Add'l P										

Refinquished By:

Time:

Received By:

Received By:

Received By:

Remail results

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

#113

Sample Condition
Cool Intact
Ves Yes

CHECKED BY: (Initials)

KED BY:

[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



October 11, 2022

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: BLUEBERRY SWD H-PUMP DISCHARGE

Enclosed are the results of analyses for samples received by the laboratory on 10/05/22 16:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/05/2022 Sampling Date: 10/05/2022

Reported: 10/11/2022 Sampling Type: Soil Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition:

** (See Notes) Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 29 @ 2 (H224671-01)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2022	ND	1.99	99.6	2.00	7.12	
Toluene*	<0.050	0.050	10/09/2022	ND	1.96	97.8	2.00	8.06	
Ethylbenzene*	<0.050	0.050	10/09/2022	ND	1.90	95.1	2.00	8.34	
Total Xylenes*	<0.150	0.150	10/09/2022	ND	5.79	96.5	6.00	7.98	
Total BTEX	<0.300	0.300	10/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/10/2022	ND	448	112	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	217	108	200	1.78	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	228	114	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					
Surrogate: 1-Chlorooctane	87.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.1	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/05/2022 Sampling Date: 10/05/2022

Reported: 10/11/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 32 @ 5 (H224671-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/09/2022	ND	1.99	99.6	2.00	7.12	
Toluene*	<0.050	0.050	10/09/2022	ND	1.96	97.8	2.00	8.06	
Ethylbenzene*	<0.050	0.050	10/09/2022	ND	1.90	95.1	2.00	8.34	
Total Xylenes*	<0.150	0.150	10/09/2022	ND	5.79	96.5	6.00	7.98	
Total BTEX	<0.300	0.300	10/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/10/2022	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	217	108	200	1.78	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	228	114	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					
Surrogate: 1-Chlorooctane	97.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

Received by OCD: 12/9/2022 4:37:33 PM

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name	Etech Environmental & Safety Solution	ons	all	LL TO				ANALYSIS REQUEST
Project Manage			P.O. #:					
Address: 261	7 West Marland		Company:	rod Night Midsha	4			
City: Hobbs	State: NM	Zip: 88240	Attn: Alber	+ Martinez				
Phone #: (575)) 264-9884 Fax #:		Address:					
Project #:	Project Owner	Good night	city: Hob	ty: Hobbs ate: NM Zip:		\geq	18	
Project Name:	Project Owner The berry SwD H-Arm	Discharge	State: NM			TPH (8015M)	02	
Project Location: Rural Leu Co			Phone #:	one #:		80	(8021B)	
Sampler Name:	n: Rural Leu Co Dominic Conserver		Fax #:		Chloride	T	X	
FOR LAB LISE ONLY		MATRIX	PRESERV.	SAMPLING	10	0	BTEX	
Lab I.D. H724671 OC (Sample I.D.	(G)RAB OR (C)OW # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER. ACID/BASE: ICE / COOL	DATE TIME			an	
WC 1	FL 29 @ 2			10/5 415	1	1		
Z	FL32@5			10/5 415	/		1	
						-	-	
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				- The state of the				
PLEASE NOTE: Liability a	and Demages, Cardinal's liability and client's evolusive remody for a	my claim arising whether based in contr	act or tort, shall be fimiled	to the amount paid by the client to	r the			

PLEASE NOTE: Linbility and Damages, Cardina's liability and client's exclusive remody for any claim arising whiteher based in contract or tort, shall be liability to the annual paid by the client for contract annual paid by the client for the annual paid by the client for contract annual paid by the client for the annual paid by the annual paid by the client for the annual paid

Relinquished By:	Time: U 15 Date:	Received By:	dakje	Fax Result: REMARKS: email resu	☐ Yes	2 No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	24.2:/2	Sample Condition Cool Intact Vec Yes No No No	CHECKED BY: (Initials)				

[†] Cardinal cannot accept verbal changes Please fax written changes to 505-393-2476



October 12, 2022

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: BLUEBERRY SWD H-PUMP DISCHARGE

Enclosed are the results of analyses for samples received by the laboratory on 10/06/22 16:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 10/06/2022 Reported: 10/12/2022

10/12/2022 Sa BLUEBERRY SWD H-PUMP DISCHARGE Sa

Project Name: BLUEBE Project Number: 16657

Project Location: GOODNIGHT - RURAL HOBBS

Sampling Date: 10/06/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: FL 36 @ 5 (H224710-01)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.17	109	2.00	4.71	
Toluene*	<0.050	0.050	10/11/2022	ND	2.06	103	2.00	4.83	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.99	99.7	2.00	5.36	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.07	101	6.00	5.20	
Total BTEX	<0.300	0.300	10/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/11/2022	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					
Surrogate: 1-Chlorooctane	94.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.6	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Kreine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/06/2022 Sampling Date: 10/06/2022 Reported: 10/12/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes) Project Number: Sample Received By: 16657 Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: SW 4 (H224710-02)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.17	109	2.00	4.71	
Toluene*	<0.050	0.050	10/11/2022	ND	2.06	103	2.00	4.83	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.99	99.7	2.00	5.36	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.07	101	6.00	5.20	
Total BTEX	<0.300	0.300	10/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/11/2022	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					
Surrogate: 1-Chlorooctane	92.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.5	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/06/2022 Sampling Date: 10/06/2022

Reported: 10/12/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 37 @ 3 (H224710-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.17	109	2.00	4.71	
Toluene*	<0.050	0.050	10/11/2022	ND	2.06	103	2.00	4.83	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.99	99.7	2.00	5.36	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.07	101	6.00	5.20	
Total BTEX	<0.300	0.300	10/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/11/2022	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					
Surrogate: 1-Chlorooctane	92.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.6	% 46.3-17	78						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 10/06/2022
 Sampling Date:
 10/06/2022

 Reported:
 10/12/2022
 Sampling Type:
 Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

mg/kg

Sample ID: FL 35 @ 2 (H224710-04)

BTEX 8021B

	9/	9	7	w = y : 5 : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/11/2022	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					
Surrogate: 1-Chlorooctane	85.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.7	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/06/2022 Sampling Date: 10/06/2022

Reported: 10/12/2022 Sampling Type: Soil
Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: **(

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

mg/kg

Sample ID: FL 38 @ 3 (H224710-05)

BTEX 8021B

DIEX GOZID	1119/	- Kg	Allulyzo	.u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/11/2022	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					
Surrogate: 1-Chlorooctane	92.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.1	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/06/2022 Sampling Date: 10/06/2022

Reported: 10/12/2022 Sampling Type: Soil
Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: **(

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

mg/kg

Sample ID: FL 34 @ 5 (H224710-06)

BTEX 8021B

DILX GOZID	ıııg,	K9	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/11/2022	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					
Surrogate: 1-Chlorooctane	96.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103 9	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/06/2022 Sampling Date: 10/06/2022

Reported: 10/12/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

mg/kg

Sample ID: WW 4 (H224710-07)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/11/2022	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					
Surrogate: 1-Chlorooctane	99.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/06/2022 Sampling Date: 10/06/2022

Reported: 10/12/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)

Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

mg/kg

Sample ID: FL 33 @ 3 (H224710-08)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/11/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					
Surrogate: 1-Chlorooctane	98.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/06/2022 Sampling Date: 10/06/2022

Reported: 10/12/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: GOODNIGHT - RURAL HOBBS

ma/ka

Sample ID: WW 5 (H224710-09)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/11/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					
Surrogate: 1-Chlorooctane	93.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104 9	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/06/2022 Sampling Date: 10/06/2022

Reported: 10/12/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes) Project Number: Sample Received By: 16657 Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: SW 3 (H224710-10)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/11/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	216	108	200	0.0431	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	221	110	200	0.278	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					
Surrogate: 1-Chlorooctane	73.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.7	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/06/2022 Sampling Date: 10/06/2022

Reported: 10/12/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: 16657 Sample Received By:

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: NW 2 (H224710-11)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/11/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	216	108	200	0.0431	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	221	110	200	0.278	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					
Surrogate: 1-Chlorooctane	78.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.9	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/06/2022 Sampling Date: 10/06/2022

Reported: 10/12/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

mg/kg

Sample ID: SW 1 (H224710-12)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Alldiyac	a by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/11/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	216	108	200	0.0431	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	221	110	200	0.278	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					
Surrogate: 1-Chlorooctane	75.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.9	% 46.3-17	8						

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10/06/2022

Soil

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/06/2022 Sampling Date:

Reported: 10/12/2022 Sampling Type:

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

mg/kg

Sample ID: SW 2 (H224710-13)

BTEX 8021B

DILX GOZID	11197	, kg	Alldiyac	a by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/11/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	216	108	200	0.0431	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	221	110	200	0.278	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					
Surrogate: 1-Chlorooctane	80.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.5	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND

Analyzed By: JH

HOBBS NM, 88240 Fax To:

Received: 10/06/2022 Reported: 10/12/2022 Sampling Date: 10/06/2022

Reported: 10/12/2022
Project Name: BLUEBERRY SWD H-PUMP DISCHARGE

Sampling Type: Soil

Project Number: 16657

Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

mg/kg

Sample ID: EW3 (H224710-14)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.22	111	2.00	0.232	
Toluene*	<0.050	0.050	10/11/2022	ND	2.10	105	2.00	0.153	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	0.491	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.18	103	6.00	0.756	
Total BTEX	<0.300	0.300	10/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/11/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	216	108	200	0.0431	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	221	110	200	0.278	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					
Surrogate: 1-Chlorooctane	75.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.6	% 46.3-17	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Company Name:

Released to Imaging: 1/9/2023 1:38:47 PM

ANALYSIS REQUEST

Relinquished By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

ARDINAL LABORATORIES CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Etech Environmental & Safety Solutions

Project Manage	Toel Loway				-	P		P	0. 1	Ø:															
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City: Hobbs	State: NM	Zij	0:8	824	U			A	ttn:	ALL	est	mart	ne2		dende										
Phone #: (575) 264-9884 Fax #:				- No. Continue				ddre						_	-			1		1				
Project #:	Blue berry SWD H. Pomp in: Rich Loving NM Deminic Casarez	er: G	100	dr	ish	+		C	ity:	H	bl	15			TPH (8015M)	B				-					
Project Name:	Blue berry SWD H. Pump	2	3	Ch	13	e						Zīp:		de	15	(8021				į.				1	
Project Locatio	n: River Loving NA							P	hon	e #:				Chloride	8	8									
Sampler Name:	Damine Casarez	_						F	ax #	-				三	-	×									
FOR LAB USE ONLY		T	I		N	MATR	IX	_	PR	RESE	RV.	SAMP	LING	0	1	TEX									
Lab I.D. H224710	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER	ACID/BASE:	ICE / COOL	OTHER	DATE			F	00			Management or remove Management of the Company of t						
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5	FL 38@ 3	-	-	-		-	+	-	-	-	H		-	-	H	++	-	-		-	-	-	+-+		
6	FL 3405	-	-	-		-	-	+	+	-	H		-	H	-	++	-	-	-	+-	-	-	-	-	
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CHECKED BY:

(Initials)

Sample Condition

email results

Time:

[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Received by OCD: 12/9/2022 4:37:33 PM

Released to Imaging: 1/9/2023 1:38:47 PM

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

oject Manager: Set Lowky		0	_	_	_	L ro					ANALYSIS REQUEST
- 1		P.	0. #:								
dress: 2617 West Marland		Co	mpa	any:	Goo	d Night	/Midshres	h			
y: Hobbs State: NM Zip: 88240		Att	tn: 3	Al	bar	IL MA	timez		-		
one #: (575) 264-9884 Fax #:		Ad	idre:								
oject #: Project Owner: Good Nish		Cit	ly:	H	60	b 5			2	8	
oject Name: Blueberry SWD It Amp Discharge		Sta	ate:	NI	4 2	ip:		de	5	12	
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mpler Name: Dominic Casarez		Fa	x #:					F	3	×	
OR LAB USE ONLY MA	TRIX	7	PRE	SEF	W.	SAMPL	ING	0	7	Ш	
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Relinquished By:	Date: 10/1	Received By:	Phone Fax Res	ult:	□ Yes	2 No	Add'l Phone #: Add'l Fax #:
Relinquished By:	Date:	Received By:	ema	resu	ults		
Delivered By: (Circle One) Sampler - UPS = Bus - Other: 26	8c/26.	Cool Intact	HECKED BY- (Initiats)				

[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



October 13, 2022

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: BLUEBERRY SWD H-PUMP DISCHARGE

Enclosed are the results of analyses for samples received by the laboratory on 10/07/22 16:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Celeg D. Keene

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

10/07/2022 Sampling Date: 10/07/2022

Reported: 10/13/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: E DEF @ 3 (H224731-01)

Received:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.27	114	2.00	4.74	
Toluene*	<0.050	0.050	10/11/2022	ND	2.16	108	2.00	4.44	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	2.09	105	2.00	4.47	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.37	106	6.00	4.32	
Total BTEX	<0.300	0.300	10/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	10/12/2022	ND	384	96.0	400	4.08	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2022	ND	199	99.3	200	0.826	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	201	100	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					
Surrogate: 1-Chlorooctane	99.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 9	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/07/2022 Sampling Date: 10/07/2022

Reported: 10/13/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: E H 1 @ 1 (H224731-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.4	2.00	4.46	
Toluene*	<0.050	0.050	10/12/2022	ND	2.11	106	2.00	5.01	
Ethylbenzene*	< 0.050	0.050	10/12/2022	ND	1.92	95.9	2.00	2.37	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.77	96.1	6.00	3.48	
Total BTEX	<0.300	0.300	10/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/12/2022	ND	384	96.0	400	4.08	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2022	ND	199	99.3	200	0.826	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	201	100	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/07/2022 Sampling Date: 10/07/2022

Reported: 10/13/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)

Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: E H 1 @ SUR (H224731-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.4	2.00	4.46	
Toluene*	<0.050	0.050	10/12/2022	ND	2.11	106	2.00	5.01	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.92	95.9	2.00	2.37	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.77	96.1	6.00	3.48	
Total BTEX	<0.300	0.300	10/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/12/2022	ND	384	96.0	400	4.08	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2022	ND	199	99.3	200	0.826	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	201	100	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					
Surrogate: 1-Chlorooctane	110	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	120	% 46.3-17	8						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/07/2022 Sampling Date: 10/07/2022

Reported: 10/13/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: EW 4 (H224731-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.4	2.00	4.46	
Toluene*	<0.050	0.050	10/12/2022	ND	2.11	106	2.00	5.01	
Ethylbenzene*	< 0.050	0.050	10/12/2022	ND	1.92	95.9	2.00	2.37	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.77	96.1	6.00	3.48	
Total BTEX	<0.300	0.300	10/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/12/2022	ND	384	96.0	400	4.08	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2022	ND	199	99.3	200	0.826	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	201	100	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/07/2022 Sampling Date: 10/07/2022

Reported: 10/13/2022 Sampling Type: Soil
Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: **(

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: N DEF 1 @ SUR (H224731-05)

Benzene*	BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Toluene* <0.050 0.050 10/12/2022 ND 2.11 106 2.00 5.12	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* <0.050 0.050 10/12/2022 ND 1.92 95.9 2.00 2. Total Xylenes* <0.150 0.150 10/12/2022 ND 5.77 96.1 6.00 3. Total BTEX <0.300 0.300 10/12/2022 ND 5.77 96.1 6.00 3. Surrogate: 4-Bromofluorobenzene (PID 101% 69.9-140 Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC Rf Chloride 1760 16.0 10/12/2022 ND 400 100 400 11 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC Rf GRO C6-C10* <10.0 10.0 10/12/2022 ND 199 99.3 200 0.8 GRO C6-C10* <10.0 10.0 10/12/2022 ND 199 99.3 200 0.8 DRO >C10-C28* <10.0 10.0 10/12/2022 ND 201 100 200 1. EXT DRO >C28-C36 <10.0 10.0 10/12/2022 ND 201 100 200 1.	Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.4	2.00	4.46	
Total Xylenes* <0.150	Toluene*	<0.050	0.050	10/12/2022	ND	2.11	106	2.00	5.01	
Total BTEX	Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.92	95.9	2.00	2.37	
Surrogate: 4-Bromofluorobenzene (PID 101 % 69.9-140 Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RI TPH 8015M 1760 16.0 10/12/2022 ND 400 100 400 10 100 400 11 TPH 8015M mg/kg Analyzed By: MS Necovery True Value QC RI RECOVERY T	Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.77	96.1	6.00	3.48	
Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS Recovery True Value QC RI PLANT Analyzed Price Plant Analyzed Result Reporting Limit Analyzed By: MS ND 400 100 400 110 400 110 TPH 8015M mg/kg Analyzed By: MS NEXT DRO >C10-C28* True Value QC RI PLANT Analyzed Method Blank BS Recovery True Value QC RI PLANT Analyzed ND 199 99.3 200 0.8 200 0.8 DRO >C10-C28* <10.0 10.0 10.0 10/12/2022 ND 201 100 200 1.9	Total BTEX	<0.300	0.300	10/12/2022	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RF Chloride 1760 16.0 10/12/2022 ND 400 100 400 11 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RF GRO C6-C10* <10.0 10.0 10/12/2022 ND 199 99.3 200 0.8 DRO >C10-C28* <10.0 10.0 10/12/2022 ND 201 100 200 1.9 EXT DRO >C28-C36 <10.0 10.0 10/12/2022 ND Surrogate: 1-Chlorooctane 91.2 % 45.3-161	Surrogate: 4-Bromofluorobenzene (PL	D 101	% 69.9-14	10						
Chloride 1760 16.0 10/12/2022 ND 400 100 400 11 TPH 8015M mg/kg Analyzed By: MS Method Blank BS % Recovery True Value QC RF GRO C6-C10* <10.0	Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RF GRO C6-C10* <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RF GRO C6-C10* <10.0 10.0 10/12/2022 ND 199 99.3 200 0.8 DRO >C10-C28* <10.0 10.0 10/12/2022 ND 201 100 200 1.9 EXT DRO >C28-C36 <10.0 10.0 10/12/2022 ND Surrogate: 1-Chlorooctane 91.2 % 45.3-161	Chloride	1760	16.0	10/12/2022	ND	400	100	400	11.3	
GRO C6-C10* <10.0 10.0 10/12/2022 ND 199 99.3 200 0.8 DRO >C10-C28* <10.0 10.0 10/12/2022 ND 201 100 200 1.9 EXT DRO >C28-C36 <10.0 10.0 10/12/2022 ND Surrogate: 1-Chlorooctane 91.2 % 45.3-161	TPH 8015M	mg	/kg	Analyze	ed By: MS					
DRO >C10-C28*	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 <10.0 10.0 10/12/2022 ND Surrogate: 1-Chlorooctane 91.2 % 45.3-161	GRO C6-C10*	<10.0	10.0	10/12/2022	ND	199	99.3	200	0.826	
Surrogate: 1-Chlorooctane 91.2 % 45.3-161	DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	201	100	200	1.97	
	EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					
Supported I Chlorocatadogue 1019/ 46.2.179	Surrogate: 1-Chlorooctane	91.2	% 45.3-16	51						
Surrogate. 1-Chiorooctaaecane 101 /0 40.3-1/0	Surrogate: 1-Chlorooctadecane	101	% 46.3-17	78						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/07/2022 Sampling Date: 10/07/2022

Reported: 10/13/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: SW 6 (H224731-06)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.4	2.00	4.46	
Toluene*	<0.050	0.050	10/12/2022	ND	2.11	106	2.00	5.01	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.92	95.9	2.00	2.37	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.77	96.1	6.00	3.48	
Total BTEX	<0.300	0.300	10/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/12/2022	ND	400	100	400	11.3	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2022	ND	199	99.3	200	0.826	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	201	100	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111	% 46.3-17	78						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/07/2022 Sampling Date: 10/07/2022

Reported: 10/13/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: 16657 Sample Received By:

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: NH 1 @ 1 (H224731-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.4	2.00	4.46	
Toluene*	<0.050	0.050	10/12/2022	ND	2.11	106	2.00	5.01	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.92	95.9	2.00	2.37	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.77	96.1	6.00	3.48	
Total BTEX	<0.300	0.300	10/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/12/2022	ND	400	100	400	11.3	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2022	ND	199	99.3	200	0.826	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	201	100	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					
Surrogate: 1-Chlorooctane	106 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 9	6 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/07/2022 Sampling Date: 10/07/2022

Reported: 10/13/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes) Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: NH 1 @ SUR (H224731-08)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.4	2.00	4.46	
Toluene*	<0.050	0.050	10/12/2022	ND	2.11	106	2.00	5.01	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.92	95.9	2.00	2.37	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.77	96.1	6.00	3.48	
Total BTEX	<0.300	0.300	10/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/12/2022	ND	400	100	400	11.3	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2022	ND	199	99.3	200	0.826	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	201	100	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					
Surrogate: 1-Chlorooctane	102 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 %	6 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/07/2022 Sampling Date: 10/07/2022

Reported: 10/13/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes) Project Number: Sample Received By: 16657 Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: NW 4 (H224731-09)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.4	2.00	4.46	
Toluene*	<0.050	0.050	10/12/2022	ND	2.11	106	2.00	5.01	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.92	95.9	2.00	2.37	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.77	96.1	6.00	3.48	
Total BTEX	<0.300	0.300	10/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/12/2022	ND	400	100	400	11.3	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2022	ND	199	99.3	200	0.826	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	201	100	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					
Surrogate: 1-Chlorooctane	101 % 45.3-16.		1						
Surrogate: 1-Chlorooctadecane	111 9	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/07/2022 Sampling Date: 10/07/2022

Reported: 10/13/2022 Sampling Type: Soil
Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: **(

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: N DEF 1 @ 4 (H224731-10)

BTEX 8021B

DILX GOZID	11197	mg/ kg		Analyzed by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.4	2.00	4.46	
Toluene*	<0.050	0.050	10/12/2022	ND	2.11	106	2.00	5.01	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.92	95.9	2.00	2.37	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.77	96.1	6.00	3.48	
Total BTEX	<0.300	0.300	10/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5 % 69.9-14		0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/12/2022	ND	400	100	400	11.3	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2022	ND	199	99.3	200	0.826	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	201	100	200	1.97	
EXT DRO >C28-C36	<10.0 10.0		10/12/2022	ND					
Surrogate: 1-Chlorooctane	97.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/07/2022 Sampling Date: 10/07/2022

Reported: 10/13/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: E DEF @ SUR (H224731-11)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.4	2.00	4.46	
Toluene*	<0.050	0.050	10/12/2022	ND	2.11	106	2.00	5.01	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.92	95.9	2.00	2.37	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.77	96.1	6.00	3.48	
Total BTEX	<0.300 0.300		10/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3 % 69.9-14		0						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22800	16.0	10/12/2022	ND	400	100	400	11.3	
TPH 8015M	mg,	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2022	ND	199	99.3	200	0.826	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	201	100	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					
Surrogate: 1-Chlorooctane	95.9	95.9 % 45.3-16.							
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/07/2022 Sampling Date: 10/07/2022

Reported: 10/13/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes) Project Number: 16657 Sample Received By: Tamara Oldaker

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 39 @ 4 (H224731-12)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.4	2.00	4.46	
Toluene*	<0.050	0.050	10/12/2022	ND	2.11	106	2.00	5.01	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.92	95.9	2.00	2.37	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.77	96.1	6.00	3.48	
Total BTEX	<0.300	0.300	10/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/12/2022	ND	400	100	400	11.3	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2022	ND	199	99.3	200	0.826	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	201	100	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112	% 46.3-17	8						

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Celeg D. Kreene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

Company Name:

Released to Imaging: 1/9/2023 1:38:47 PM

ANALYSIS REQUEST

ARDINAL LABORATORIES CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Mariand, Hobbs, NM 88240 2111 Beechwood, Abitene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Etech Environmental & Safety Solutions

Project Manager: Otle	LOWRY		P.O. #:											
Address: 2617 West Marl			Company:	Goodnis	rlet				diply the same of	all	-			
City: Hobbs	State: NM	Zip: 88240	Attn: Albe	ect orang	tinez									
Phone #: (575) 264-9884	Fax #:		Addenna							İ	1			
Project #:	Project Own	Anne Dischar	City: H	1665			S	(8021B	and the second					
Project Name: BUP 6	erry swrd b	Anna Dischau	State: NA	Zip:		9	15	12						
Project Location: Project	Lea co		Phone #:			Chloride	(8015M	8						1
Sampler Name: Do	minic Cas	Wez	Fax #:			America II								
FOR LAB USE ONLY	nple I.D.	MATR		V. SAMPLIN	G	0	TH	BTEX				and the second s		
H224731 VC & def	03	(G)RAE OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER. ACID/BASE. ICE / COOL	DATE	TIME	U	V							
ZEHIC	n r			1	1	-		1			-			
3 EH 1 G	SUY	11111			1	1	1	+						
4 FEW	4	1 1 1 1 1 1 1			1	+	+	+-	+-			-	-	
S IV DE	1 D Sur	11111		+++	1	1		1		-	-		-	
0 346	01			+++	1	++		1			-			
O NOW 1	2 51/2	11111	++++		1	11		++	1				-	
9 11/11/	8 201	11111		1			1						1	
10 N Det	1/4 4			-	-	1	*	4						
PLEASE NOTE: Leability and Demages, Cardinal's service. All claims instanting those for negligance a service in no event shell Cardinal be liable for xxxx assistance or successors artifage out of or related to the Relinquished By:	and any other cause whatevers shall entail or consequental deringes, inchi- e performance of services hereunder to Date: 10-7	be deemed walved unless made in water without Erritation, puckness intern	iling and received by Curdin quions, loss of ure, or loss o	ni within 30 days offer I profits is curred by cli the above stated rates	omplete d to on, is ubsider on a chewse Phone Res Fax Result	e applicable c. scalt: [☐ Yes			hone #:				
Relinquished By:	Time: Time:	Received By	ra Wa	BASSIC	email r		ts							
Delivered By: (Circle One Sampler - UPS - Bus - Othe	- 1	#13 Sample Cool in 13.75 Press	act_ Or	CKED BY:										

[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Received by OCD: 12/9/2022 4:37:33 PM

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Mariand, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name: Etech Environmental & Safety Solutions	BILL TO	ANALYSIS REQUEST
Project Manager: Sel Lewry	P.O. #:	
Address: 2617 West Marland	Company: Gad aisht	
City: Hobbs State: NM Zip: 88240	Company: Good Aight Attn: Albert Marliner	
Phone #: (575) 264-9884 Fax #:	Address:	
Project #: Project Owner: Good Right	city: Hopks	
Project IS: Project Owner Greek A 1597 Project Name: Blue hewy Sw.D. H. Rung Disonary Project Location: York Lek. Co Sampler Name: Downic Casave?	State: NM Zip:	(8015M) X (8021B)
Project Location: York! Lea.co	Phone #:	Chloride H (8015 EX (802
Sampler Name: Domini (Cas are?	Fax #:	5 1 2
FOR LAB USE ONLY MATRIX	PRESERV SAMPLING	의 된 교
(G)RAB OR (C)OM (G)RAB OR (G)RAB	OTHER; ACID/BASE: ICE / COOL OTHER ALMIT	
DellEpef@ Sur	10-7	
H224731 Oc // E Pet @ Sur OC // FL 39@ 4	(0-7	

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Relinquished By: Relinquished By:	Date: 10 -7 Time: Date:	Received By:	and RE	hone Result: ax Result: EMARKS: email resu	□ Yes □ Yes	22 No	Add'l Fhone #: Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	4.30/2	#13 Sample Condition Cool Intact Cool Intact Ver Ves No No	(Initials)				

[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



October 17, 2022

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: BLUEBERRY SWD H-PUMP DISCHARGE

Enclosed are the results of analyses for samples received by the laboratory on 10/10/22 15:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 10/10/2022

 Reported:
 10/17/2022

 Sampling Date:
 10/10/2022

 Sampling Type:
 Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)

Project Number: 16657 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: GOODNIGHT - RURAL HOBBS

mg/kg

Sample ID: FL 40 @ SUR (H224753-01)

BTEX 8021B

DILX 0021D	ilig	/ Ng	Allalyze	Allalyzed by. 311/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2022	ND	2.06	103	2.00	3.43	
Toluene*	<0.050	0.050	10/14/2022	ND	2.02	101	2.00	3.40	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.5	2.00	3.82	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.04	101	6.00	4.93	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 % 69.9-1		0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	10/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	217	109	200	0.997	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	228	114	200	0.242	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	81.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.1	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/10/2022 Sampling Date: 10/10/2022

Reported: 10/17/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes) Project Number: 16657 Sample Received By: Shalyn Rodriguez

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 41 @ SUR (H224753-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2022	ND	2.06	103	2.00	3.43	
Toluene*	<0.050	0.050	10/14/2022	ND	2.02	101	2.00	3.40	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.5	2.00	3.82	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.04	101	6.00	4.93	
Total BTEX	<0.300	0.300	10/14/2022 ND						
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3240	16.0	10/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	217	109	200	0.997	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	228	114	200	0.242	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	93.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 9	% 46.3-17	8						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/10/2022 Sampling Date: 10/10/2022 Reported: 10/17/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes) Project Number: 16657 Sample Received By: Shalyn Rodriguez

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: FL 42 @ SUR (H224753-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2022	ND	2.06	103	2.00	3.43	
Toluene*	<0.050	0.050	10/14/2022	ND	2.02	101	2.00	3.40	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.5	2.00	3.82	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.04	101	6.00	4.93	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	PID 104 % 69.9-14		0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result			Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320	16.0	10/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	217	109	200	0.997	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	228	114	200	0.242	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	81.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.3	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 10/10/2022

 Reported:
 10/17/2022

 Sampling Date:
 10/10/2022

 Sampling Type:
 Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)
Project Number: 16657 Sample Received By: Shalyn Rodriguez

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: WH 1 (H224753-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2022	ND	2.06	103	2.00	3.43	
Toluene*	<0.050	0.050	10/14/2022	ND	2.02	101	2.00	3.40	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.5	2.00	3.82	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.04	101	6.00	4.93	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B mg/		/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	217	109	200	0.997	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	228	114	200	0.242	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	78.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.3	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

 Received:
 10/10/2022

 Reported:
 10/17/2022

 Sampling Date:
 10/10/2022

 Sampling Type:
 Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)

Project Number: 16657 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

mg/kg

Sample ID: EW 5 (H224753-05)

BTEX 8021B

DIEX GOZID	11197	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2022	ND	2.32	116	2.00	4.87	
Toluene*	<0.050	0.050	10/14/2022	ND	2.21	110	2.00	4.79	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	2.15	107	2.00	4.59	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.48	108	6.00	4.14	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	217	109	200	0.997	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	228	114	200	0.242	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	86.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/10/2022 Sampling Date: 10/10/2022

Reported: 10/17/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)

Project Number: 16657 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

mg/kg

Sample ID: EW 6 (H224753-06)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2022	ND	2.32	116	2.00	4.87	
Toluene*	<0.050	0.050	10/14/2022	ND	2.21	110	2.00	4.79	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	2.15	107	2.00	4.59	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.48	108	6.00	4.14	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	mg/kg		d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	217	109	200	0.997	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	228	114	200	0.242	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	83.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.2	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey & Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND

HOBBS NM, 88240

Fax To:

Received: 10/10/2022 Sampling Date: 10/10/2022

Reported: 10/17/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)

Project Number: 16657 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: W DEF 1 @ SUR (H224753-07)

BTEX 8021B

	<u> </u>			. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2022	ND	2.32	116	2.00	4.87	
Toluene*	<0.050	0.050	10/14/2022	ND	2.21	110	2.00	4.79	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	2.15	107	2.00	4.59	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.48	108	6.00	4.14	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg	mg/kg		d By: AC					
Analyte	Result	Result Reporting Limit		Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	10/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	193	96.3	200	0.921	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	194	96.9	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	108	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115	% 46.3-17	8						

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Celey D. Kreine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/10/2022 Sampling Date: 10/10/2022

Reported: 10/17/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: ** (See Notes)

Project Number: 16657 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: W DEF 1 @ 2 (H224753-08)

BTEX 8021B

	9/	9	7111411720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2022	ND	2.32	116	2.00	4.87	
Toluene*	<0.050	0.050	10/14/2022	ND	2.21	110	2.00	4.79	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	2.15	107	2.00	4.59	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.48	108	6.00	4.14	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	mg/kg		ed By: AC					
Analyte	Result	Result Reporting Limit		Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	193	96.3	200	0.921	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	194	96.9	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	94.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.3	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Released to Imaging: 1/9/2023 1:38:47 PM

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Martand, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name	Etech Environmental & Safety Sole	utions							B	LL	70	A-16-	71				ANALY	SIS R	EQUE	ST		
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FOR LAB USE ONLY	ZUMAN CAYSV	T			MAT	RIX		PRE	SERV	S	AMPL	ING	O	I	TEX							
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[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



October 19, 2022

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: BLUEBERRY SWD H-PUMP DISCHARGE

Enclosed are the results of analyses for samples received by the laboratory on 10/18/22 10:31.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 10/18/2022 Sampling Date: 10/17/2022

Reported: 10/19/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: Cool & Intact
Project Number: 16657 Sample Received By: Shalyn Rodriguez

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: EDEF @ 6" (H224881-01)

Chloride, SM4500Cl-B	mg/kg Result Reporting		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	10/19/2022	ND	432	108	400	3.77	

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Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

PM

Received by OCD: 12/9/2022

Page 4 of 4

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name	e: Etech Environmental 3	Sufe!	4	sol	utio	ns				BI	LL TO					ANA	LYSIS	RE	QUES	ST		
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Phone #: 515	264.9884 Fax #:							Add	ress	:					22							
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PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the enabless. All claims including those for negligence and any other cause whateover shall be deemed waterd unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall cardinal be liable for incidental or consequental damages, including sufficient institution, business interruptions, less of sea, or loss of profile incurred by client, its substitution,

Relinquished By:	Date: 10-31 Receiv	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:								
Relinquished By:	Date: Receiv	ed By:		REMARKS:	Pmoeter	renv. com				
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 4.72 Corrected Temp. °C 4.10	Sample Condition Cool intact Yes Yes No No	CHECKED BY:	Turnaround Time: Thermometer ID #113 Correction Factor -0.6*C	Standard Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C				



November 23, 2022

JOEL LOWRY
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: BLUEBERRY SWD H-PUMP DISCHARGE

Enclosed are the results of analyses for samples received by the laboratory on 11/18/22 14:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Wite Sough

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: 11/23/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: Cool & Intact
Project Number: 16657 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: GOODNIGHT - RURAL HOBBS

mg/kg

Sample ID: CONT. NORTH (H225466-01)

BTEX 8021B

BIEX GOEED	9/	119	Andryzo	u 5 y : 5:::,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.79	89.7	2.00	10.2	
Toluene*	<0.050	0.050	11/22/2022	ND	1.84	92.1	2.00	11.0	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.84	92.1	2.00	10.5	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.60	93.4	6.00	11.3	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	208	104	200	0.121	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	213	106	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	123	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	136	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: 11/23/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 16657

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: CONT. EAST (H225466-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.79	89.7	2.00	10.2	
Toluene*	<0.050	0.050	11/22/2022	ND	1.84	92.1	2.00	11.0	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.84	92.1	2.00	10.5	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.60	93.4	6.00	11.3	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	208	104	200	0.121	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	213	106	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	6 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: 11/23/2022 Sampling Type: Soil

Project Name: BLUEBERRY SWD H-PUMP DISCHARGE Sampling Condition: Cool & Intact
Project Number: 16657 Sample Received By: Tamara Oldaker

Applyzed By: 1H /

Project Location: GOODNIGHT - RURAL HOBBS

Sample ID: CONT. WEST (H225466-03)

RTFY 8021R

B1EX 8021B	mg,	кg	Апануге	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.79	89.7	2.00	10.2	
Toluene*	<0.050	0.050	11/22/2022	ND	1.84	92.1	2.00	11.0	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.84	92.1	2.00	10.5	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.60	93.4	6.00	11.3	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12100	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	208	104	200	0.121	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	213	106	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	97.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 1/9/2023 1:38:47 PM

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Released to Imaging: 1/9/2023 1:38:47 PM

Company Name: Etech Environmental & Safety Solutions, Inc.						BILL TO					ANALYSIS REQUEST													
Project Manager: Joel Lowry								P.O. #:																7
Address: 2617 West Marland							Com	par	ny:	Goodnight	Midstream											- 1		
City: Hobbs State: NM Zip: 88240						Attn:				-					1									
Phone #: (57	75) 264-9884 Fax #:							Addı	ress								1		1			. 1		
Project #: 166	657 Project Own	er:	Go	odnigi	nt Mid	strea	m	City:										1		1				
Project Name:	Blueberry SWD H-Pump Discharge							State			Zip:			SM)	18									
Project Locatio	on: Rural Lea County, NM						-1	Pho		l:			Chloride	TPH (8015M)	BTEX (8021B)									
Sampler Name:							-	Fax	_				픙	I	X	,						1		
FOR LAB USE ONLY		1	Г		MA	TRIX	_	_		ERV.	SAMPLI	NG		1	BT				1					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE	OTHER:	DATE	TIME												
1	Cont. North	C	1		X			T		K	11/18/22		Х	X	X									
Z	Cont. East	С	1		X)	K	11/18/22		Х	X	Х									
3	Cont. West	С	1		X			1)	K	11/18/22		Х	X	X									
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enalyses. All claims include service. In no event shall (affiliates or successors aris	and Damages. Cardinal's liability and client's exclusive remedy it ding those for negligence and any offer cause wheteoever shall Cardinal be liable for incidental or consequental damages, inclu- sing out of or related to the performance of services flereuntler:	be deeme	ed web ut limit	red unlee lation, bu	a made ninees ir	in write Horrupi	ng and ions, io	receive es of ut	d by C se, or l	ardinal v	within 30 days wife rolls incurred by o	r completion of the	he applica ries,	ble		_								
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Relinquished B	By: Date:	Re	cei	ved E	y:					1														
Delivered By	Time:	7	41/2	5.	amok	e Con	nditi	1	C	HECK	KED BY:	Please e	mail ı	result	s to pi	m@e	techei	ıv.cor	n					

FORM-006 Revision 1.0

Sampler - UPS - Bus - Other:

(Initials)

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Appendix E Regulatory Correspondence

Kathy Purvis

From: Nobui, Jennifer, EMNRD < Jennifer.Nobui@emnrd.nm.gov>

Sent: Wednesday, October 12, 2022 11:20 AM

To: Kathy Purvis

Cc: Bratcher, Michael, EMNRD

Subject: FW: [EXTERNAL] Notification of confirmation sampling, nAPP2225551350

Kathy

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,

Jennifer Nobui

From: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Sent: Wednesday, October 12, 2022 8:32 AM

To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Nobui, Jennifer, EMNRD

<Jennifer.Nobui@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>; Hamlet, Robert,

EMNRD <Robert.Hamlet@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

Subject: Fw: [EXTERNAL] Notification of confirmation sampling, nAPP2225551350

From: Kathy Purvis < kathy@etechenv.com > Sent: Monday, October 10, 2022 8:13 AM

To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; ocd.environmental@state.nm.us

<<u>ocd.environmental@state.nm.us</u>>
Cc: Joel Lowry <joel@etechenv.com>

Subject: [EXTERNAL] Notification of confirmation sampling, nAPP2225551350

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

This email serves as notice that Etech intends to collect excavation confirmation soil samples from the following location/reportable release site:

Goodnight Midstream – Blueberry SWD H-Pump Discharge– nAPP2225551350

If you have any questions or need any additional information, please contact Kathy Purvis by phone (432-967-9624) or email (kathy@etechenv.com).

Kathy Purvis, Project Manager (432) 967-9624



District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 165843

CONDITIONS

Operator:	OGRID:
GOODNIGHT MIDSTREAM PERMIAN, LLC	372311
5910 North Central Expressway	Action Number:
Dallas, TX 75206	165843
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
jnobui	Closure Report Approved.	1/9/2023