Received by OCD: 7/31/2023 5:10:06 PM Form C-141 State of New Mexico

Oil Conservation Division

	Page 1 of 23.
Incident ID	nAPP2305942242
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?	<u>35</u> (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 vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

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 wells.
- ✓ Field data
- Data table of soil contaminant concentration data
- \checkmark Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- ✓ Photographs including date and GIS information
- ✓ Topographic/Aerial maps
- ✓ Laboratory data including chain of custody

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.

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regulations all op public health or the failed to adequate addition, OCD ac and/or regulations Printed Name: Signature: email:	hat the information given above is true and complete to the erators are required to report and/or file certain release noti the environment. The acceptance of a C-141 report by the C ely investigate and remediate contamination that pose a three coeptance of a C-141 report does not relieve the operator of s. Connor Walker	fications and perform co DCD does not relieve the eat to groundwater, surfa-	rrective actions for rele operator of liability sho ce water, human health iance with any other feo	ases which may endanger ould their operations have or the environment. In
OCD Only Received by:	Shelly Wells	Date: <u>8/1/20</u>	23	

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Oil Conservation Division

Incident ID	nAPP2305942242
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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 of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) Description of remediation activities I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Connor Walker Title: Sr. Engineer Signature: _____ Date: _____ Date: _____ 07/31/2023 Telephone: (806)202-5281 email: cwalker@mewbourne.com **OCD Only** Received by: Shelly Wells Date: 8/1/2023 Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. Closure Approved by: _____ Date: _____ Printed Name: Title:

Remediation Summary & Soil Closure Request

Mewbourne Oil Company Malaga 30 MP Fed Com #1H Battery

Eddy County, New Mexico Unit Letter "M", Section 30, Township 24 South, Range 29 East Latitude 32.184393° North, Longitude 104.030739° West NMOCD Reference No. nAPP2305942242

Prepared By:

Etech Environmental & Safety Solutions, Inc. 6309 Indiana Ave, Ste. D Lubbock, Texas 79413

n J. Arguijo

Lance Crenshaw

Environmental & Safety Solutions, Inc.

Midland • San Antonio • Lubbock • Hobbs • Lafayette

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1.0 **PROJECT INFORMATION**

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company, has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Malaga 30 MP Fed Com #1H Battery (henceforth, "Malaga 30 Battery"). Details of the release are summarized below:

titude:	32.184393°	Longitude:	-104.030)739°		
	Pro	ovided GPS are in WGS84 format.				
	ga 30 MP Fed Com #1H Ba		Tank Batt			
ate Release Discover	red: 2/13/2023	API # (if applicat	ble):	N/A		
Unit Letter Se	ection Township	Range	County			
"M"	30 248	29E	Eddy			
urface Owner: X S	tate Federal Tril	bal Private (Name				
		and Volume of Re	Jaaga			
	Inature	and volume of Re	liease			
Crude Oil	Volume Released (bbls)		Volume Recovered (bbl	s)		
X Produced Water	Volume Released (bbls)	379	Volume Recovered (bbl	s) 300		
	Is the concentration of to	tal dissolved solids	X Yes No	N/A		
	(TDS) in the produced w	ater > 10,000 mg/L?				
Condensate	Volume Released (bbls)		Volume Recovered (bbl	s)		
Natural Gas	Volume Released (Mcf)		Volume Recovered (Mcf)			
Other (describe)	Volume/Weight Released	1	Volume/Weight Recover	red		
Cause of Release:						
	ght fire and allowed fluid to	o release.				
		Initial Response				
X The source of the	release has been stopped.					
X The impacted are	a has been secured to protect	human health and the env	ironment.			
X Release materials	have been contained via the	use of berms or dikes, abs	orbent pad, or other contai	inment devices		
X All free liquids ar	nd recoverable materials have	. 1	and annuaniataly			

Previously submitted portions of the NMOCD Form C-141 are available in 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 Malaga 30 Battery release site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. Depth to groundwater information is provided as Appendix A.

What is the shallowest depth to groundwater beneath the area affected by the release?	35'	
Did the release impact groundwater or surface water?	Yes X N	No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes X N	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 N	No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	Yes X N	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 N	No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X N	No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X N	No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X N	No
Are the lateral extents of the release overlying a subsurface mine?	Yes X N	No
Are the lateral extents of the release overlying an unstable area such as karst geology?	X Yes N	No
Are the lateral extents of the release within a 100-year floodplain?	Yes X N	No
Did the release impact areas not on an exploration, development, production or storage site?	X Yes N	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 BACKGROUND INVESTIGATION

On March 28, 2023, based on a trend of naturally occurring, elevated chloride concentrations encountered during concurrent remediation activities at a nearby release site (NMOCD Incident ID #nAPP2308026482), Etech advanced two (2) hand-augered soil borings (BG1 and BG2) in non-impacted areas at the site to determine the background concentration of chloride in the area. The soil borings were advanced to total depths of four (4) feet below ground surface (bgs), and 10 background soil samples (BG-1 @ Sur, BG-1 @ 1, BG-1 @ 2, BG-1 @ 3, BG-1 @ 4, BG-2 @ Sur, BG-2 @ 1, BG-2 @ 2, BG-2 @ 3, and BG-2 @ 4) were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were less than the appropriate laboratory method detection limit (MDL) in each of the submitted soil samples. Chloride concentrations ranged from 64.0 mg/kg in soil sample BG-2 @ 2.

The locations of the hand-augered soil borings are depicted in Figure 3A, "Site & Sample Location Map (Background)".

4.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the information summarized above, Mewbourne Oil Company contacted the NMOCD Artesia District Office to request alternative Closure Criteria for the site. In consultation with the NMOCD, the following Closure Criteria were established for the Malaga 30 Battery release:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Depth
			2,435	1'
	Chloride (Cl-)	EPA 300.0 or SM4500 C1 B	3,260	2'
	Chiofide (CI-)	EFA 500.0 01 5104500 CI B	2,560	3'
			2,420	4'
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	100	All
	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	N/A	N/A
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	All
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	All

* Measured in milligrams per kilogram (mg/kg)

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

5.0 **REMEDIATION ACTIVITIES SUMMARY**

On April 11, 2023, remediation activities commenced at the release site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD-approved Closure Criteria was excavated and stockpiled on-site, 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 and vertical 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. Representative five-point composite confirmation soil samples were collected every 200 square feet from the sidewalls and floor of the excavated area to be submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis.

On May 15, 2023, Etech collected 99 confirmation soil samples (NW1 through NW10, EW1 through EW11, SW1 through SW7, WW1 through WW12, and FL 1 @ 4 through FL 25 @ 2, FL 41 @ 2.5, FL 53 @ 2 through FL 74 @ 2, and FL 81 @ 2 through FL 91 @ 2) 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 concentrations were less than the NMOCD Closure Criterion and laboratory method detection limit (MDL) in each of the submitted soil samples. TPH concentrations ranged from less than the laboratory MDL in soil samples NW1 through NW6, NW8, NW9, NW10, EW1 through EW11, SW1 through SW7, WW1 through WW12, FL 1 @ 4 through FL 25 @ 2, FL 41 @ 2.5, FL 53 @ 2 through FL 56 @ 2, FL 59 @ 2, FL 61 @ 2, FL 62 @ 2, FL 63 @ 2, FL 65 @ 2 through FL 74 @ 2, FL 83 @ 2, FL 85 @ 2 through FL 91 @ 2 to 68.9 mg/kg in soil sample FL 58 @ 2. Chloride concentrations ranged from 16.0 mg/kg in soil samples EW3 and FL 5 @ 4 to 4,160 mg/kg in soil sample WW9. Chloride concentrations in soil samples NW9, SW7, WW9, WW12, FL 18 @ 2, and FL 82 @ 2 exceeded the NMOCD Closure Criterion.

On May 17, 2023, Etech collected 32 confirmation soil samples (FL 26 @ 4 through FL 40 @ 4, FL 42 @ 3 through FL 52 @ 2, and FL 75 @ 4 through FL 80 @ 4) 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 in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory MDL. Chloride concentrations ranged from 112 mg/kg in soil sample FL 47 @ 3 to 2,160 mg/kg in soil sample FL 76 @ 4.

On May 22, 2023, the excavation was further advanced in the areas characterized by soil samples soil samples NW9, SW7, WW9, WW12, FL 18 @ 2, and FL 82 @ 2. Etech collected six (6) confirmation soil samples (NW9B, SW7B, WW9B, WW12B, FL 18 @ 3, and FL 82 @ 3) from the sidewalls and floor of the newly excavated area. Laboratory analytical results

indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory MDL. Chloride concentrations ranged from 800 mg/kg in soil sample SW7B to 1,650 mg/kg in soil sample FL 82 @ 3.

The final dimensions of the excavated area were approximately 145 to 458 feet in length, 12 to 168 feet in width, and two (2) to four (4) feet in depth. During the course of remediation activities, Etech transported approximately 3,680 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 3,668 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 3B, "Site & Sample Location Map (Excavation)". Soil chemistry data is summarized in Table 1. Field data is provided in Appendix B. General photographs of the 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**

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. The affected area was compacted and contoured to achieve erosion control, stability, and preservation of surface water flow, to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture during the first favorable growing season following closure of the site.

7.0 SOIL CLOSURE REQUEST

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. Impacted soil affected above the NMOCD Closure Criteria was excavated and transported to an NMOCD-permitted disposal facility. Laboratory analytical results from confirmation soil samples indicate in-situ 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 Mewbourne Oil Company provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request closure be granted to the Malaga 30 Battery 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 Mewbourne Oil Company. Use of the information contained in this report is prohibited without the consent of Etech and/or Mewbourne Oil Company.

9.0 **DISTRIBUTION**

Mewbourne Oil Company

4801 Business Park Blvd. Hobbs, NM 88240

New Mexico Energy, Minerals and Natural Resources Department

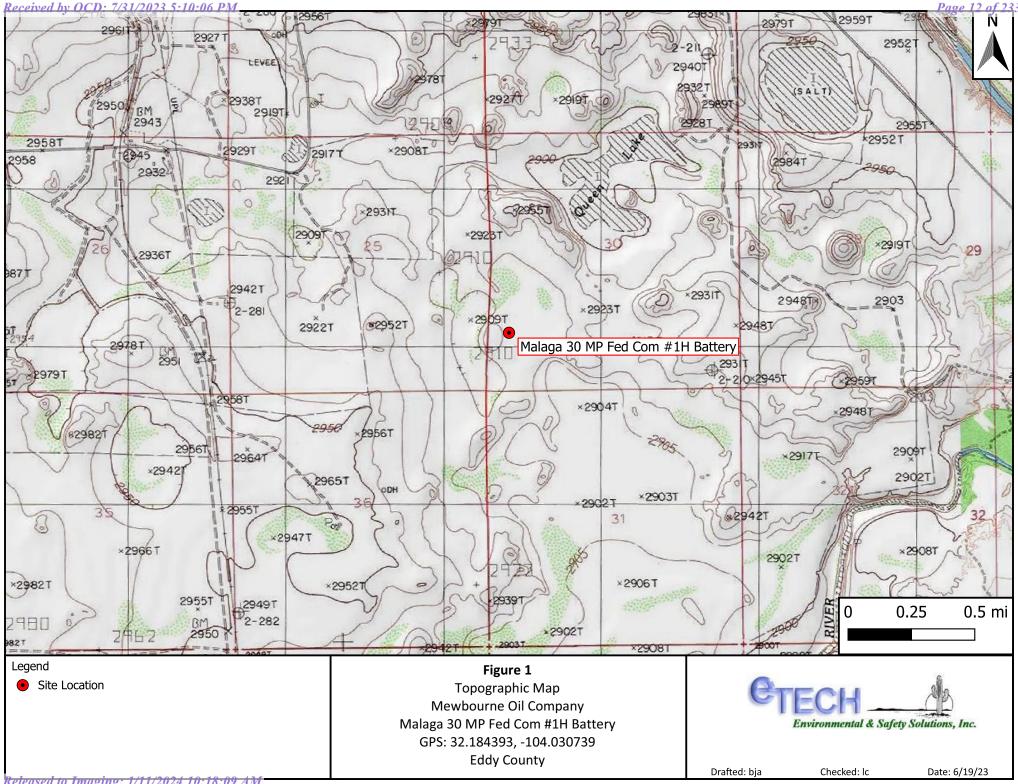
Oil Conservation Division, District 2 811 S. First Street Artesia, NM 88210

Hobbs Field Office

New Mexico State Land Office 2827 North Dal Paso Street Suite 117 Hobbs, NM 88240

(Electronic Submission)

Figure 1 Topographic Map



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Figure 2 Site Characterization Map

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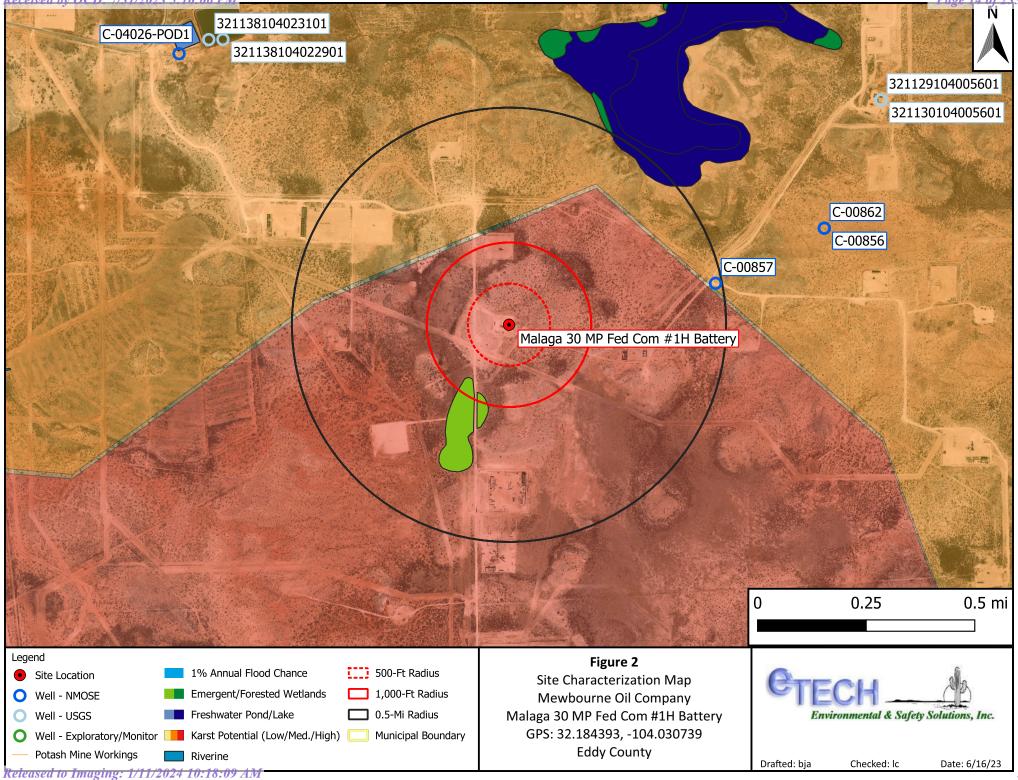
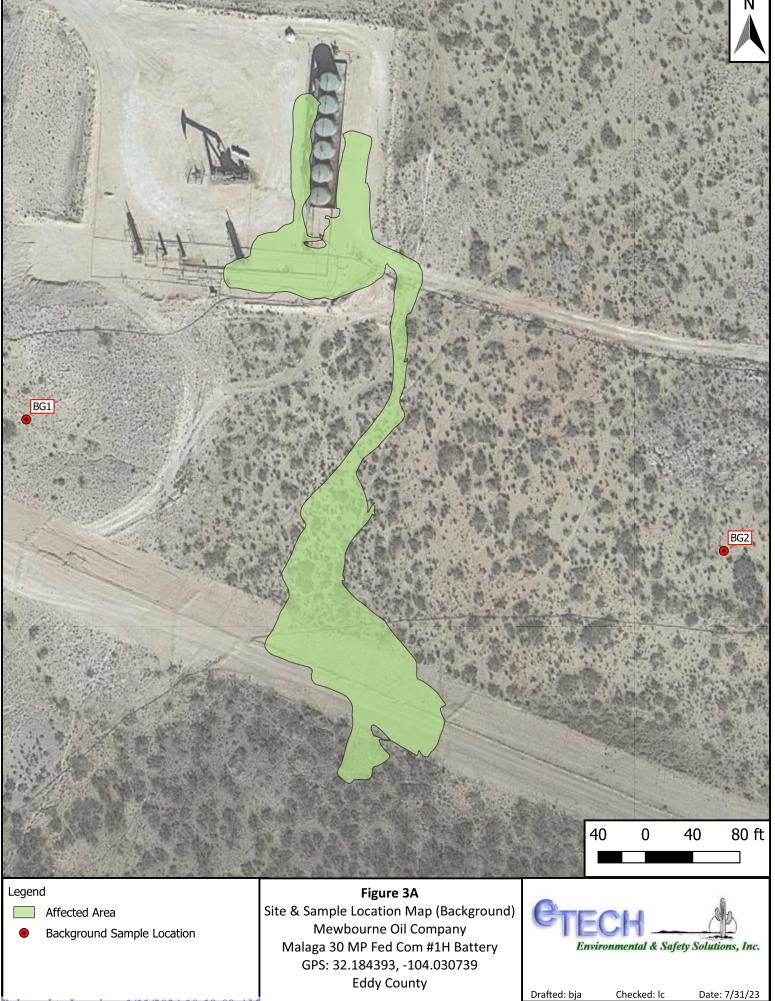
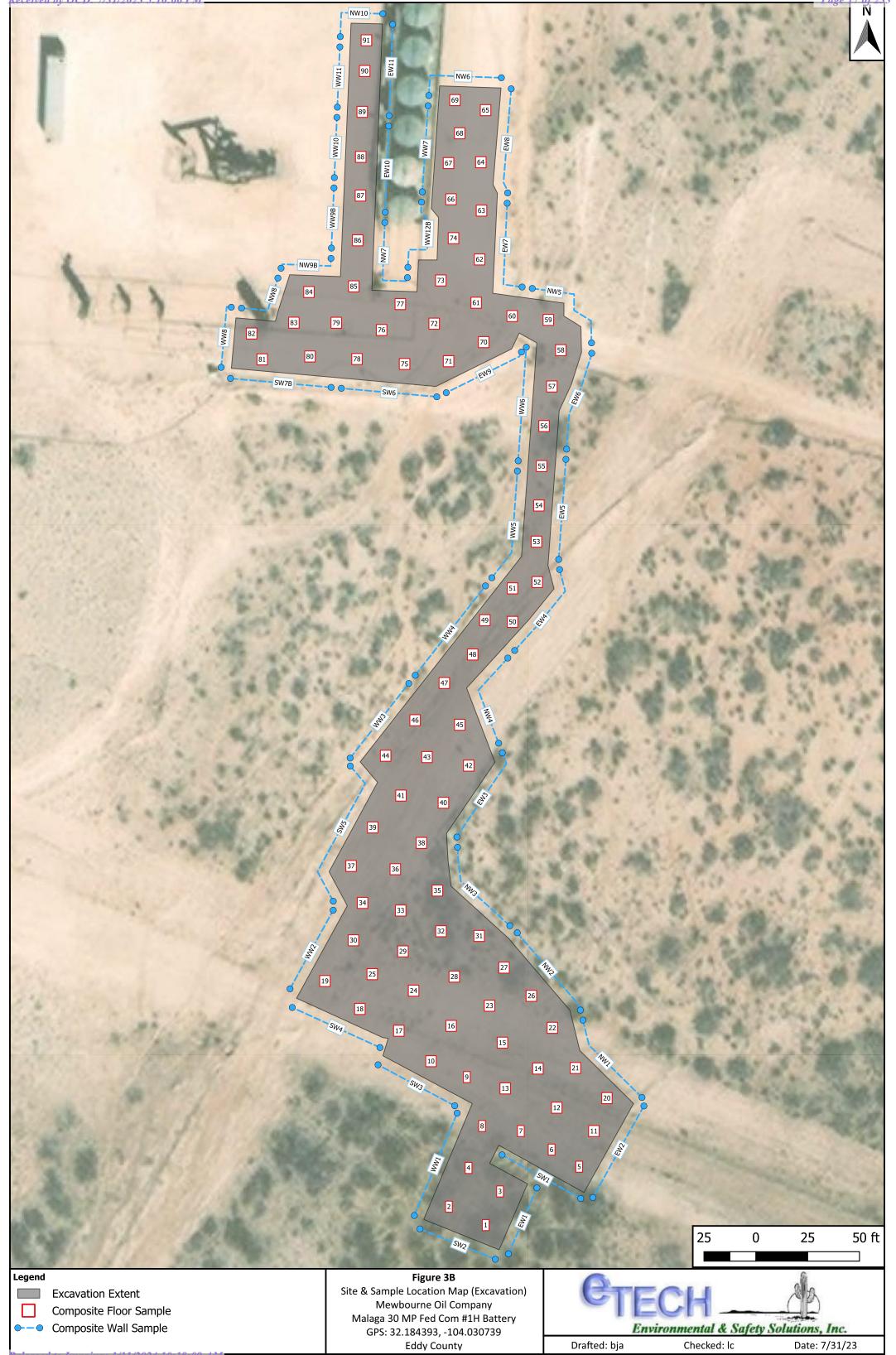


Figure 3A & 3B Site & Sample Location Maps





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Table 1Concentrations of BTEX, TPH & Chloride in Soil

Table 1 Concentrations of BTEX, TPH & Chloride in Soil															
Mewbourne Oil Company															
			Μ			- •	·								
	Malaga 30 MP Fed Com #1H Battery NMOCD Ref. #: nAPP2305942242														
N	NMOCD Closure Criteria 10 50 N/A N/A N/A 100														
NMO	CD Reclamati	on Standa	ırd	10	50	N/A	N/A	N/A	N/A	100	3,260 3,260				
					5 8021B			846 8015M			4500 Cl				
		Depth				GRO	DRO	GRO +	ORO	ТРН					
Sample ID	Date	(Feet)	Soil Status	Benzene	BTEX	C_6-C_{10}	C ₁₀ -C ₂₈	DRO	C ₂₈ -C ₃₆	C ₆ -C ₃₆	Chloride				
				(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	C ₆ -C ₂₈ (mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)				
				I	Delineation S	amples		(III <u>Z</u> /K <u>Z</u>)							
BG-1 @ Sur	5/1/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240				
BG-1 @ 1	5/1/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,870				
BG-1 @ 2	5/1/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,520				
BG-1 @ 3	5/1/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,040				
BG-1 @ 4	5/1/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,240				
BG-2 @ Sur	5/1/2023	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0				
BG-2 @ 1	5/1/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,000				
BG-2 @ 2	5/1/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,000				
BG-2 @ 3	5/1/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,080				
BG-2 @ 4	5/1/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,600				
	•]	Excavation S	amples		-							
NW1	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,650				
NW2	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	880				
NW3	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,840				
NW4	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,340				
NW5	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	880				
NW6	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160				
NW7	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	11.0	11.0	<10.0	11.0	400				
NW8	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,800				
NW9	5/15/2023	0-2	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,680				
NW9B	5/22/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,090				
NW10	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,700				
EW1	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0				
EW2	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0				
EW3	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0				
EW4	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,120				
EW5	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,550				
EW6	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	656				
EW7	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	672				
EW8	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	736				
EW9	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400				
EW10	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,040				
EW11	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,200				
SW1	5/15/2023	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,310				
SW2	5/15/2023	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0				
SW3	5/15/2023	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128				
SW4	5/15/2023	0-2	In-Situ In Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128				
SW5	5/15/2023	0-2	In-Situ In Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	608				
SW6	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	624				
SW7 SW7B	5/15/2023	0-2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,360				
SW/B WW1	5/22/2023	0-2	In-Situ In Situ	<0.050	<0.300	<10.0	<10.0	<20.0 <20.0	<10.0	<30.0	800				
WW1 WW2	5/15/2023	0-2	In-Situ In Situ	<0.050	<0.300	<10.0	<10.0		<10.0	<30.0	2,720				
VV VV Z	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0				

	Table 1 Comparing the first state of the state of t												
Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company													
			Μ		MP Fed C								
				-	Ref. #: nA		•						
NN	AOCD Closure	e Criteria		10	50	N/A	N/A	N/A	N/A	100	3,260		
NMO	CD Reclamati	on Standa	ırd	10	50	N/A	N/A	N/A	N/A	100	3,260		
				SW 840	6 8021B		SW	846 8015M	Ext.		4500 Cl		
		Depth	G 1 G 1			GRO	DRO	GRO +	ORO	ТРН			
Sample ID	Date	(Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	C ₆ -C ₁₀	C ₁₀ -C ₂₈	DRO C ₆ -C ₂₈	C ₂₈ -C ₃₆	C6-C36	Chloride (mg/kg)		
				(ing/kg)	(ing/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(ing/kg)		
WW3	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	976		
WW4	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,920		
WW5	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496		
WW6	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,280		
WW7	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,600		
WW8	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	864		
WW9	5/15/2023	0-2	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,160		
WW9B	5/22/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,020		
WW10	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208		
WW11	5/15/2023	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	928		
WW12	5/15/2023	0-2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,680		
WW12B	5/22/2023	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,300		
FL 1 @ 4	5/15/2023 5/15/2023	4	In-Situ In-Situ	<0.050 <0.050	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	1,090		
FL 2 @ 4 FL 3 @ 4	5/15/2023	4	In-Situ In-Situ	< 0.030	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,490 1,920		
FL 3 @ 4 FL 4 @ 4	5/15/2023	4	In-Situ In-Situ	<0.030	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,360		
FL 5 @ 4	5/15/2023	4	In-Situ In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0		
FL 6 @ 4	5/15/2023	4	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	688		
FL 7 @ 4	5/15/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0		
FL 8 @ 4	5/15/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0		
FL 9 @ 4	5/15/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256		
FL 10 @ 4	5/15/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0		
FL 11 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,200		
FL 12 @ 2.5	5/15/2023	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0		
FL 13 @ 2.5	5/15/2023	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128		
FL 14 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,800		
FL 15 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,360		
FL 16 @ 2.5	5/15/2023	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0		
FL 17 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320		
FL 18 @ 2	5/15/2023	2	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,800		
FL 18 @ 3	5/22/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,230		
FL 19 @ 2.5	5/15/2023	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0		
FL 20 @ 2.5	5/15/2023	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144		
FL 21 @ 2.5	5/15/2023	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0		
FL 22 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352		
FL 23 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,240		
FL 24 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	816		
FL 25 @ 2	5/15/2023	2	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	848		
FL 26 @ 4	5/17/2023	4	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,330		
FL 27 @ 4	5/17/2023	4	In-Situ In Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,600		
FL 28 @ 4 FL 29 @ 4	5/17/2023 5/17/2023	4	In-Situ In-Situ	<0.050 <0.050	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	960 832		
FL 29 @ 4 FL 30 @ 4	5/17/2023	4		< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	832 880		
FL 30 @ 4 FL 31 @ 4	5/17/2023	4	In-Situ In Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,800		
гь эт @ 4	3/1//2023	4	In-Situ	~0.030	~0.300	<10.0	<10.0	≦∠0.0	<10.0	< <u>></u> 0.0	1,800		

	Table 1 Comparison of the state of the												
Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company													
			N	Ialaga 30		- •							
				NMOCD 1			•						
NN	AOCD Closure	e Criteria		10	50	N/A	N/A	N/A	N/A	100	3,260		
NMO	CD Reclamati	on Standa	rd	10	50	N/A	N/A	N/A	N/A	100	3,260		
				SW 840	5 8021B		SW	846 8015M	Ext.		4500 Cl		
	D (Depth	G 1 G 1			GRO	DRO	GRO +	ORO	ТРН			
Sample ID	Date	(Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	C ₆ -C ₁₀	C ₁₀ -C ₂₈	DRO C ₆ -C ₂₈	C ₂₈ -C ₃₆	C6-C36	Chloride (mg/kg)		
				(mg/kg)	(ing/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		
FL 32 @ 4	5/17/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400		
FL 33 @ 4	5/17/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368		
FL 34 @ 4	5/17/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352		
FL 35 @ 4	5/17/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272		
FL 36 @ 4	5/17/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	928		
FL 37 @ 4	5/17/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	608		
FL 38 @ 4	5/17/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416		
FL 39 @ 4	5/17/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	848		
FL 40 @ 4	5/17/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,080		
FL 41 @ 2.5	5/15/2023	2.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256		
FL 42 @ 3	5/17/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,920		
FL 43 @ 3	5/17/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416		
FL 44 @ 4 FL 45 @ 3	5/17/2023 5/17/2023	4	In-Situ In-Situ	<0.050 <0.050	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	1,340 320		
FL 45 @ 5 FL 46 @ 4	5/17/2023	4	In-Situ In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,880		
FL 40 @ 4 FL 47 @ 3	5/17/2023	3	In-Situ In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,880		
FL 48 @ 3	5/17/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256		
FL 49 @ 3	5/17/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272		
FL 50 @ 2	5/17/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,420		
FL 51 @ 3	5/17/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,100		
FL 52 @ 2	5/17/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,070		
FL 53 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,160		
FL 54 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	608		
FL 55 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0		
FL 56 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576		
FL 57 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	16.4	16.4	<10.0	16.4	1,140		
FL 58 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	56.3	56.3	12.6	68.9	1,440		
FL 59 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	592		
FL 60 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	28.8	28.8	<10.0	28.8	1,570		
FL 61 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	848		
FL 62 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,380		
FL 63 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,720		
FL 64 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	15.4	15.4	<10.0	15.4	816		
FL 65 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,680		
FL 66 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	784		
FL 67 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384		
FL 68 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160		
FL 69 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	672		
FL 70 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,640		
FL 71 @ 2	5/15/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,120		
FL 72 @ 2	5/15/2023	2	In-Situ In Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432		
FL 73 @ 2	5/15/2023	2	In-Situ In Situ	<0.050	<0.300	<10.0	<10.0	<20.0 <20.0	<10.0 <10.0	<30.0	1,800		
FL 74 @ 2 FL 75 @ 4	5/15/2023	4	In-Situ In Situ	<0.050	< 0.300	<10.0	<10.0			<30.0	400		
FL 75 @ 4	5/17/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,280		

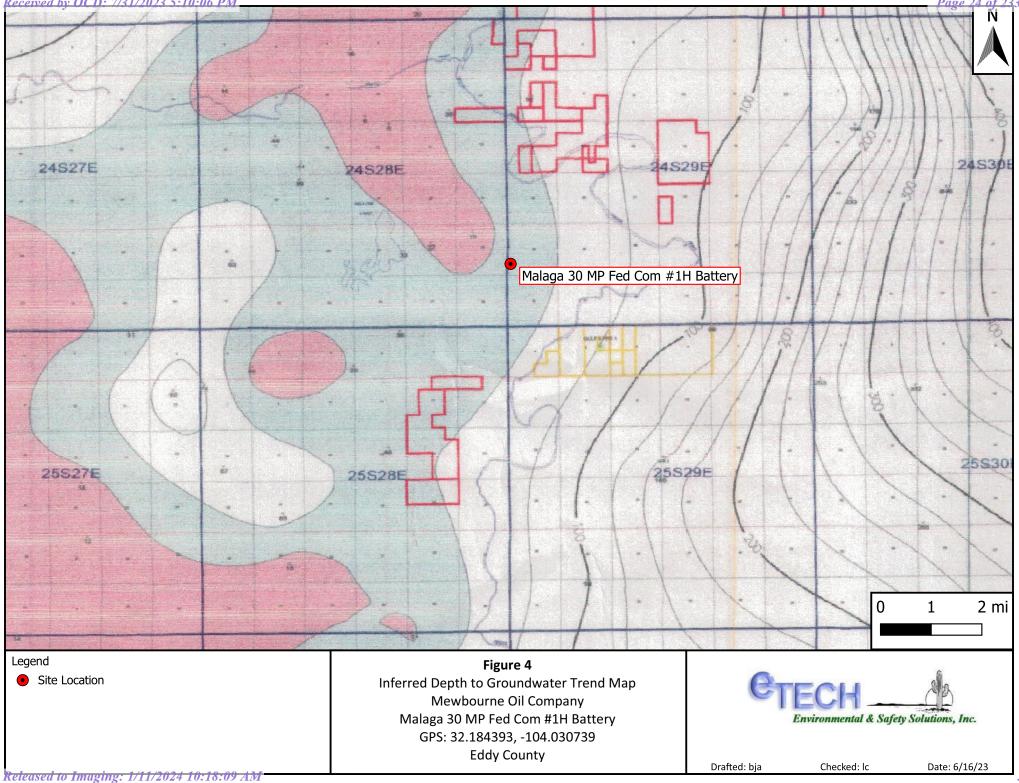
	Table 1 Concentrations of BTEX, TPH & Chloride in Soil														
Mewbourne Oil Company															
Malaga 30 MP Fed Com #1H Battery															
NMOCD Ref. #: nAPP2305942242															
NMOCD Closure Criteria 10 50 N/A N/A N/A 100															
NMO	CD Reclamation	on Standa	rd	10	50	N/A	N/A	N/A	N/A	100	3,260				
				SW 840	5 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 76 @ 4	5/17/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,160				
FL 77 @ 4	5/17/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,760				
FL 78 @ 4	5/17/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,250				
FL 79 @ 4	5/17/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,470				
FL 80 @ 4	5/17/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,640				
FL 81 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	11.5	11.5	<10.0	11.5	3,200				
FL 82 @ 2	5/15/2023	2	Excavated	< 0.050	< 0.300	<10.0	15.9	15.9	<10.0	15.9	3,600				
FL 82 @ 3	5/22/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,650				
FL 83 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,200				
FL 84 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	13.7	13.7	<10.0	13.7	2,080				
FL 85 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,760				
FL 86 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,600				
FL 87 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512				
FL 88 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0				
FL 89 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0				
FL 90 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0				
FL 91 @ 2	5/15/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0				

•

Appendix A Depth to Groundwater Information

Received by OCD: 7/31/2023 5:10:06 PM

Page 24 of 23



Hereford Research	Wa	<i>New</i> ter C			o Offi nn/A						U			r
(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)	J,		ers are	e 1=NW 2=I e smallest to			=SE) AD83 U⁻	ΓM in r	neters)			(In feet)	
POD Number	PO Sul Code bas	-	Q Q Q 6416 4		Tws Rng		x		Y	Dista	nceDep	othWe	llDepthWa	Water terColumn
<u>C 00857</u>	CU	B ED	314	30	24S 29E	59213	35	356144	0* 🌍		780	30	6	
									Aver	age De	pth to W	ater:		
										Mini	mum De	pth:		
										Maxii	mum De	pth:		
Record Count:1														
UTMNAD83 Radiu	<u>s Search (in m</u>	eters):												
Easting (X): 59	1370	North	ing (Y):	3561	286.24			Radius:	804.6	67				
*UTM location was derive	ed from PLSS - s	ee Help												
The data is furnished by th concerning the accuracy, c										OSE/IS	C make r	no warra	inties, expres	sed or implied,

7/30/23 7:02 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer Point of Diversion Summary

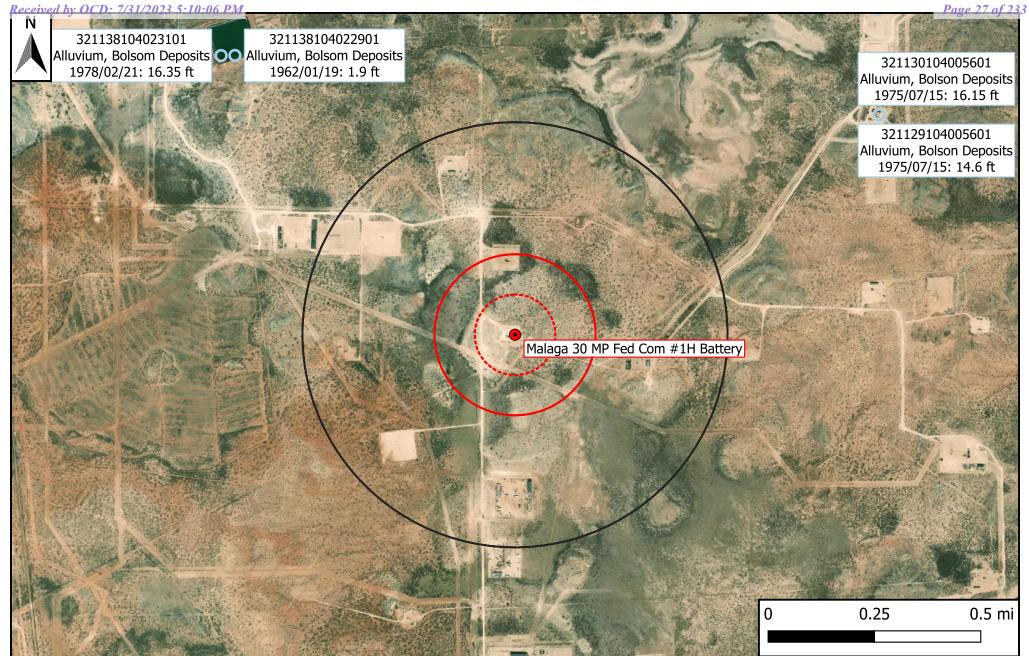
Well Tag POD Number C 00857	Q64 Q16 Q4 Sec Tws Rng	83 UTM in meters) X Y 135 3561440* 🌍
Driller License: 857 Driller Name: E.O. BURKE	Driller Company: HIGH COUNTR'	Y DRILLING & TRANSP
Drill Start Date:12/02/1958Log File Date:06/29/1959Pump Type:Casing Size:	Drill Finish Date:12/16/1958PCW Rcv Date:Pipe Discharge Size:306 feet	Plug Date: Source: Shallow Estimated Yield: Depth Water:

*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.

7/30/23 7:02 PM

POINT OF DIVERSION SUMMARY



Legend	Figure 5			50.59
Site Location	USGS Well Proximity Map	e	FEOU	alla
Well - USGS	Mewbourne Oil Company	C	IECH	
500-Ft Radius	Malaga 30 MP Fed Com #1H Battery		Environmental & Safety	y Solutions, Inc.
1,000-Ft Radius	GPS: 32.184393, -104.030739			
🗖 0.5-Mi Radius	Eddy County			
		Drafted: bja	Checked: lc	Date: 6/16/23

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Search Results -- 1 sites found

Agency code = usgs site_no list =

• 321138104022901

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321138104022901 24S.28E.25.123222

Eddy County, New Mexico Latitude 32°11'38", Longitude 104°02'29" NAD27 Land-surface elevation 2,913 feet above NAVD88 The depth of the well is 65 feet below land surface. This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date \$	Time \$? Water- level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical \$ datum	? Status	? Method of measurement	? Measuring agency	? Source of the source of the	? Water- level \$ approval status
1047 10 22			72010	C EC			Р	Z			
1947-10-22		D	72019	6.56			P	Z			A
1948-01-13		D	72019	5.84			1	Z			А
1949-01-29		D	72019	4.86			1	Z			А
1950-01-19		D	72019	3.02			1	Z			А
1951-01-17		D	72019	3.40			1	Z			А
1952-01-16		D	72019	2.79			1	Z			А
1955-01-19		D	72019	5.28			1	Z			А

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Received by OCD: 7/31/2023 5:10:06 PM

Date \$	Time \$? Water- level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above \$ specific vertical datum	Referenced vertical ≎ datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1956-01-11		D	72019	4.35			1	Z			А
1957-01-09		D	72019	4.50			1	Z			А
1958-01-16		D	72019	3.26			1	Z			А
1959-01-14		D	72019	0.70			1	Z			А
1961-02-27		D	72019	0.87			1	Z			А
1962-01-19		D	72019	1.90			1	Z			А

		Explanation
Section \$	Code \$	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	Р	Pumping
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	А	Approved for publication Processing and review completed.

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Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2023-07-30 20:45:45 EDT 0.32 0.24 nadww01 USA.gov



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Search Results -- 1 sites found

Agency code = usgs site_no list = • 321138104023101

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321138104023101 24S.28E.25.123214

Eddy County, New Mexico Latitude 32°11'38", Longitude 104°02'31" NAD27 Land-surface elevation 2,915 feet above NAVD88 This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date \$	Time \$? Water- level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above \$ specific vertical datum	Referenced vertical \$ datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1978-02-21		D	72019	16.35			1	Z			А

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		Explanation
Section \$	Code \$	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	А	Approved for publication Processing and review completed.

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Search Results -- 1 sites found

Agency code = usgs site_no list = • 321129104005601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321129104005601 24S.29E.30.242A

Eddy County, New Mexico Latitude 32°11'30", Longitude 104°00'56" NAD27 Land-surface elevation 2,911 feet above NGVD29 This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water- level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1974-12-16		D	72019	13.09			1	0	USGS	S	A
1975-07-15		D	72019	14.60			1	0	USGS	S	A

Explanation						
Section	Code	Description				
Water-level date-time accuracy	D	Date is accurate to the Day				
Parameter code	62610	Groundwater level above NGVD 1929, feet				
Parameter code	62611	Groundwater level above NAVD 1988, feet				
Parameter code	72019	Depth to water level, feet below land surface				
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988				
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929				
Status	1	Static				
Method of measurement	0	Observed.				
Measuring agency	USGS	U.S. Geological Survey				
Source of measurement	S	Measured by personnel of reporting agency.				
Water-level approval status	А	Approved for publication Processing and review completed.				

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Search Results -- 1 sites found

Agency code = usgs site_no list = • 321130104005601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321130104005601 24S.29E.30.242

Eddy County, New Mexico Latitude 32°11'30", Longitude 104°00'56" NAD27 Land-surface elevation 2,911 feet above NGVD29 This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water- level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1970-03-13		D	72019	15.33			1	0	USGS	S	А
1974-12-16		D	72019	14.65			1	0	USGS	S	A
1975-07-15		D	72019	16.15			1	0	USGS	S	А

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Explanation					
Section	Code	Description			
Water-level date-time accuracy	D	Date is accurate to the Day			
Parameter code	62610	Groundwater level above NGVD 1929, feet			
Parameter code	62611	Groundwater level above NAVD 1988, feet			
Parameter code	72019	Depth to water level, feet below land surface			
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988			
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929			
Status	1	Static			
Method of measurement	0	Observed.			
Measuring agency	USGS	U.S. Geological Survey			
Source of measurement	S	Measured by personnel of reporting agency.			
Water-level approval status	А	Approved for publication Processing and review completed.			

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Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2023-07-30 20:49:56 EDT 0.27 0.23 nadww01



Appendix B Field Data & Soil Profile Logs





Sample Log

Date:

Project: Malaga 30 MP Fed Com 1H Battery 32.184393 Longitude: -104.030739 Latitude: Project Number: 17780

Hs = High Strip

Sample ID	PID/Odor	PID/Odor Chloride Conc.		GPS
2124 60	NONE	1,308		
1204 6.8		1,716		
	2	1,968		
	1 -	2,104		χ
1504 3.	2	408		
26 QY 5.	2	984		
1704 28		328		
1804 4.	6 -	780	14 July 1	
19 @4 4.	0	604		
L10@4 Z.	8	358		L
SW1 6.	0	1,308		
SWZ HS4.	6	3,392		-
SW3 3.	1	452		1
NW1 7.		1,840		
WWI HS4		3,392		
EV 1 3.		408		
W2 3.	8	552		
W3 = 2	8	328		
211 02 114.	-		2628	
12 @ Z H\$ 5.8			5464	
13@2 4564 -			6.884	
14024542			2 864	
(15@7 6.8 (16@7 HSEO		1,716		
216 @ 2 HS 5.0			5992	/:-
1102 4.	2	604		
L18@Z 40		604		
L19@7 HIS5.0			3992	
L20@2155.~			3992	
22102455.4			4 676	
122@2 4.1		780		
12302 7.		2,944		
	20	1,220		
L75 @ 2 6.		1,308		
142 6.0		1308		
VW3 7.6		2,272	-	
- WKI 6.2	-	1400		

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

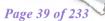
Stockpile = Stockpile #1

Sidewall = SW #1 etc

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

GPS Sample Points, Center of Comp Areas

Received by OCD: 7/31/2	2023 5:10:06 P	M	5002	22420	0	Page 38 of 23
CTECH Environmental & Safety Solu	tions, Inc.	5	zez	Sample I		
Project:	5-50 MI	12 6 -01		T	Date:	
Project Number:	17	737	Latitude:	32.170479	Longitude:	-104.032535
Sample ID		PID/Odor		Chloride Conc.		GPS
FL26@4	5.8	\leq	4208			
FLZZEG	6.0	<u> </u>	1298			
F1 2904	6.0		1296			
FL 30 C	610	And the second of the second second	1,696			
FL UZQ3	5.0		904			
FLUYQU	7.6		1816			
FL 4604	7.0	-	1816	· · · · · · · · · · · · · · · · · · ·		
FC UDQ4	4.6		772			
FL 31 Q ((6.6		1580.			
FL ULQ3	7.0	-	1816	5		
FL 36 @ 4	= 4.2		656-	_ ~		
FL 37 QU +	4.2		656			
FL 38 Q 4	5.8					
EL 32 QU	5.6					
FL 23 84	4.2					
FL ZY CY	42		-w			
FL 35 @ 4	56					
	-59K				*	
	*					
						<
					_	
Sample Point = SP #1 @				Test Trench = TT #1 @ ##		Resamples= SP #1 @ 5b or SW #1b
Floor = FL #1 etc				Refusal = SP #1 @ 4'-R		Stockpile = Stockpile #1
Sidewall = SW #1 e	tc		Soil Intende	d to be Deferred = SP #1 @	9 4' In-Situ	GPS Sample Points, Center of Comp Areas





Sample Log

Date:

Project: Malaga 30 MP Fed Com 1H Battery Project Number: ______17780 ___Latitude: ____32.184393 __Longitude: _____-104.030739

	Sample ID	PID/Odor	Chloride Conc.	GPS
+	WW2 4.2		660	
	WW3 6.4	-	1,604	
	SW1 3.4	and the second	452	
A	F126 Highstrif 5.0		4,152	
	F127 High Stip 6.0	-	6,204	
	FIZE High Strip 5.8		5,724	
	FIZG High Strip 5.0		4,1.52 5464	
	Fl 30 High Strip 6.4		7.3/2	
	FI37 High Strip 6.6		7,952	
	F132 High strif 5.8	~	5,774	
1246	F1 33 High Strip_ 5.6	-	5,280	
5	FI-34 High strip 4.2	-	-4,968	
	FI 35 High Strip 4.6	-	3.532 2864	
	FI 36 High Strip 6.0		6,604	
	F137 Highstrif 7.8	-	13.780 6884	
0	1 38 High Strip 4.0		61152	
	FI 39 High Strip 7.0) (9,432	
•	1 70 HIGH SILLE T.O.		2,192=	
*	FI42 High Strip 4.0	-	2,156 500	
	MYC High Billir J.D	-	9,100	
	F143 High Strip 6.0) /	6,704	
	F144 High Strip 6.8		8,664	
C	F145 High Strip 4.6	-	3,532	
>	FI46 High Strip 6.0 FI4702 H3 4.8	-	6,204 2404	
e	FL47@2 H3 4.8 FL48@2 HS 5.2	-	3808	
	FL4902 HS 4.0		6156	
1:	FL50@2 8.0		7500	
		-	5696	
	R520245 5.8 R520245 4.0	-	2,708	
	FLS3 @2 7.6	-	7232	
	F15462 5.4	~	1048	
	FL5582 4.0	-	600	
	SW5 5.0	-	904	
	NWS 7.8	-	2,396	
	NW4 7.2		1944	
	Sample Point = SP #1 @ ## etc		Test Trench = TT #1 @ ##	Resamples= SP #1 @ 5b or SW #1b

Sample Point = SP #1 @ ## etc

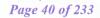
Test Trench = TT #1 @ ## Refusal = SP #1 @ 4'-R Resamples= SP #1 @ 5b or SW #1b

Floor = FL #1 etc

Sidewall = SW #1 etc

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

Stockpile = Stockpile #1 GPS Sample Points, Center of Comp Areas



Sample Log

Date:

Project: Project Number:

Latitude:

Longitude:

Sampl	e ID	PID/Odor	Chloride Conc.	GPS
EWS 7	. 2		1944	
EV6 7	7.6	-	2,232	
EW7 S		-	904	
	1.0	Married."	804	
WW5 1	45 4.6		3516	
WW6	8.0	and the second s	2580	
F2 56 @2	4.8	~	844	
FL 57 @Z	5.0	-	912	
FL 58 C2	6.2		1400	
FL 59 @ 2	6.2		400	
F1 60 @2	5.0		9/12	
FL 61 @ 2	4.8		844	
1 62 @2	5.6		1136	
FL 63 QZ	HS 9.0		2708	
-2 64 62	4.0		604	
2 bs @2	H5 3.6	6.00	2248	
R 66 @Z	5.0		912	
FL 67 @Z	3.4		usr.	
FL 68 @2	20	and the Subsciences of the	200	
FL 69 @2	5.2		784	
EWB	4.0	-	604	
WW7	5.2		984	
NWS	4.8	-	844	
NW6	2.0		200	
546	5.2		arg	
EL 7027	HS 4.0		2708	
1 7/02	MA 4.1		2708	
2 7202	5.0	-	904	
FL 7382	5.0	-	apy	
PL 7402	7.2	-	1944	
a ser	HS 7.8	-		
16 62	HS 960			
er Tier	H5 8,8	-		
1- 7862	HS 7.0	L		
	HS Mio			

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

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

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

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

GPS Sample Points, Cantar of Comp Areas

C TECH	As
	& Safety Solutions, Inc. Malage

Sample Log

Date:

Project: Fleetwood Water Line: Project Number:

17737

32.170479 Latitude:

Longitude:

-104.032535

Sample ID	PID/Odor	Chloride Conc.	GPS
FL80@2 HS 7.	0		
FLRIEZ HS 4)	2708	
FL 82 @ 2 HS 4.0) (2708	
FL 83@~ 415 7.9		2472	
FL 8462 HG 7.8		2472	
FLOS @2 HS U.C	-	2208	
FL86 @2 HK 41	and the second s	2708	
FL 87 @2 6.		15 98	
	dinal dinal dial dial dial dial dial dial dial di	15 33	
Ewa 3.L		456	
WW8 5.0		912	
WY 9 4.0	-	604	
L/W/2 5.0	-	GR	
WW 8 6.6		1604	and the second
NWa U.O		60U	
NW7 3.4		456	
FLILEZE 34			
FLBC22 4.6	-		
FLIG @ 2 1/2 6.6			
FL21022 - 3.9 FL200212 6.0			
11			
214 -			
WUS 41. 82.5 5.0			
FL75 PU 7.0		1816	
FLATEY 6.0		1246	
FL79 QU 6.0	-	1296	-
FL 76 84 7.4	-helpen	2080	
FL 78 QV 6.0		14/84	
FL 8084 7.4		2080	
FL 5183 6.0	And the second s	1796	
FL 47 03 6.0		Izab	
FL 4883 5.0	-	912	
FL 4203 5.0		912	
FL 45@3 4.8		844	

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

GPS Sample Points, Center of Comp Areas

Appendix C Photographic Log

Photo Number:						
1						
Photo Direction:						
South-Southwest	♥ WG584	32.18433, -104.03062	M ^{tt} ≠120	2937	T; 51=	SW206
Photo Description:	¥ ±16h	32.10433, -104.03002	//_t20	2907	4 ±12	511200
View of the affected area.		A delice Malage 10 MP descrittioned Sprices of Hambo 20 opportion				

Photo Number: 2	
Photo Direction:	
South	♀ ₩0384 32.18460, -104.03073 ∧*1/8 2931 ♀ T S179
Photo Description:	
View of the affected area.	TERDO2 DB.22 A delto2 Malaga go MP Mag NM a8266. Unified Status go 14-Feb-23 09:24:45

Photographic Log

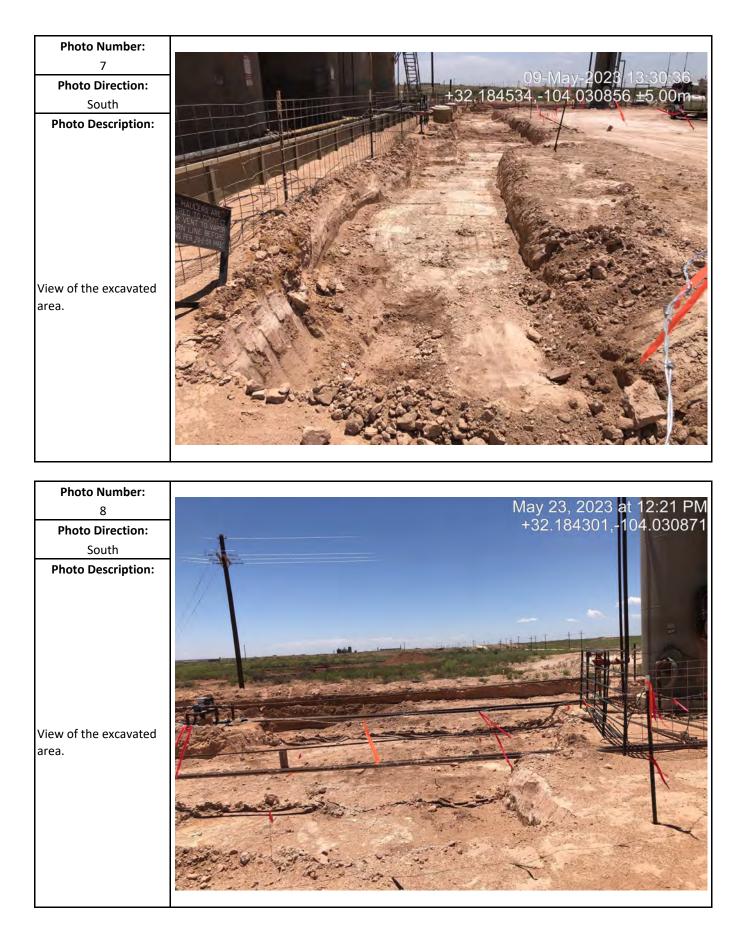
	T
Photo Number:	
3	
Photo Direction:	
South	9 WGS84 32.18446, -104.03080 At 2923
Photo Description:	
View of the affected area.	IF6b23 00-25 Ad-hoc Malaga 30 MP Leving NM 88226, United States o 14-Feb-23 09:25:20

Photo Number:	
4	
Photo Direction:	
South-Southeast	♥ #988 32.18440, -104.03081 // 2929 SE154
Photo Description: View of the affected area.	Image: Wing NM B8226, United States of 14-Feb 28 09:535

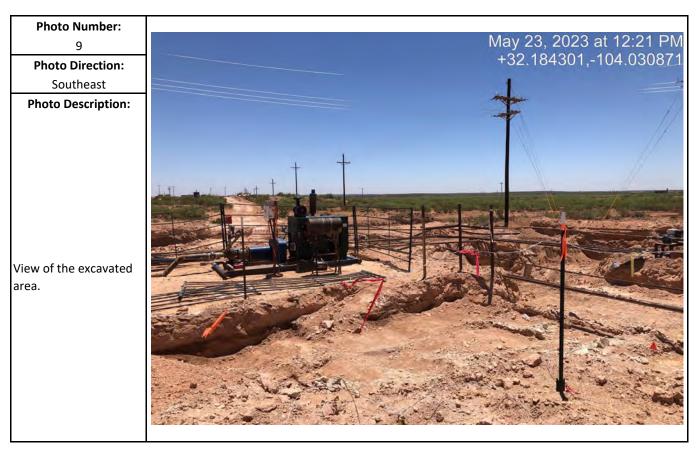
•

Photo Number:				
5				
Photo Direction:				
South	♥ ^{WE584} 32.18424, -104.03080	M _{erin}	2929 🔹	.T. S175
Photo Description:			and the second s	
View of the affected area.	HFeb23 08 27 Ad-hoc Malaca 30 MF Loving NM a8256. United States of HF Feb 28 09 27 Ad-			

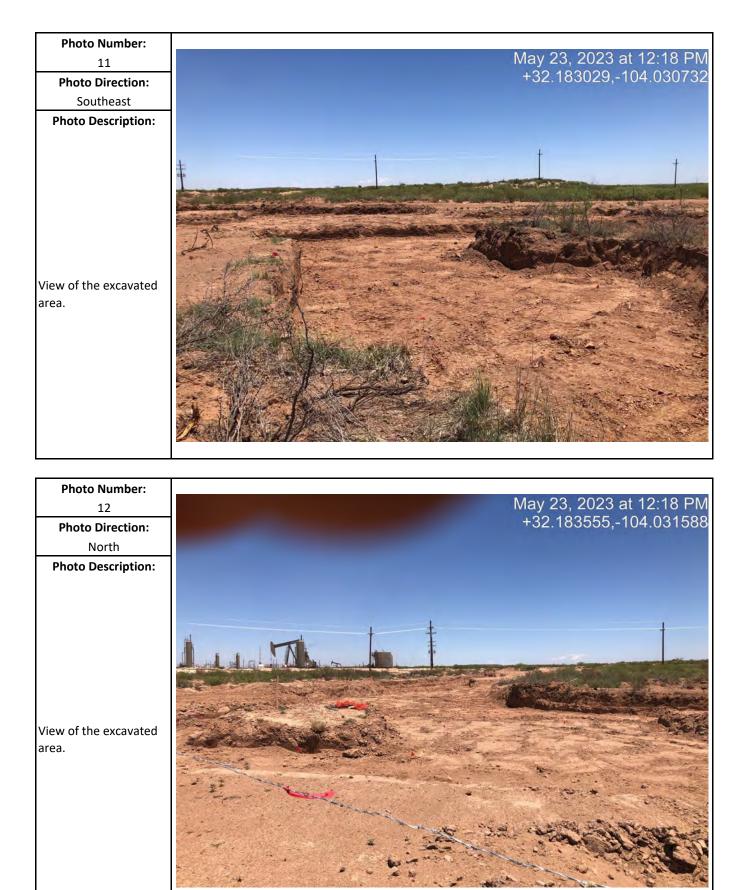
Photo Number: 6		
Photo Direction:	1	
Northeast	9.331 32.18407, -104.03089	 • 📅 NE44
Photo Description: View of the affected area.	AFeb23 09:36. Ad-hoc. Malaga 30 MP Loving MM 88256. United States. et 44 Feb-23 09:36:58	

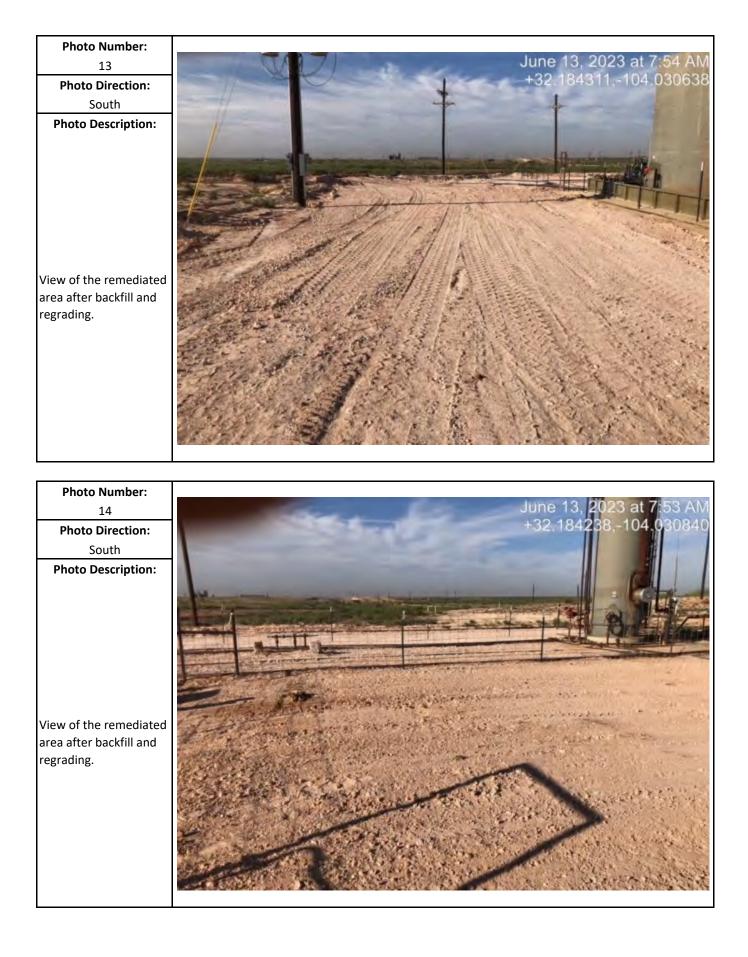


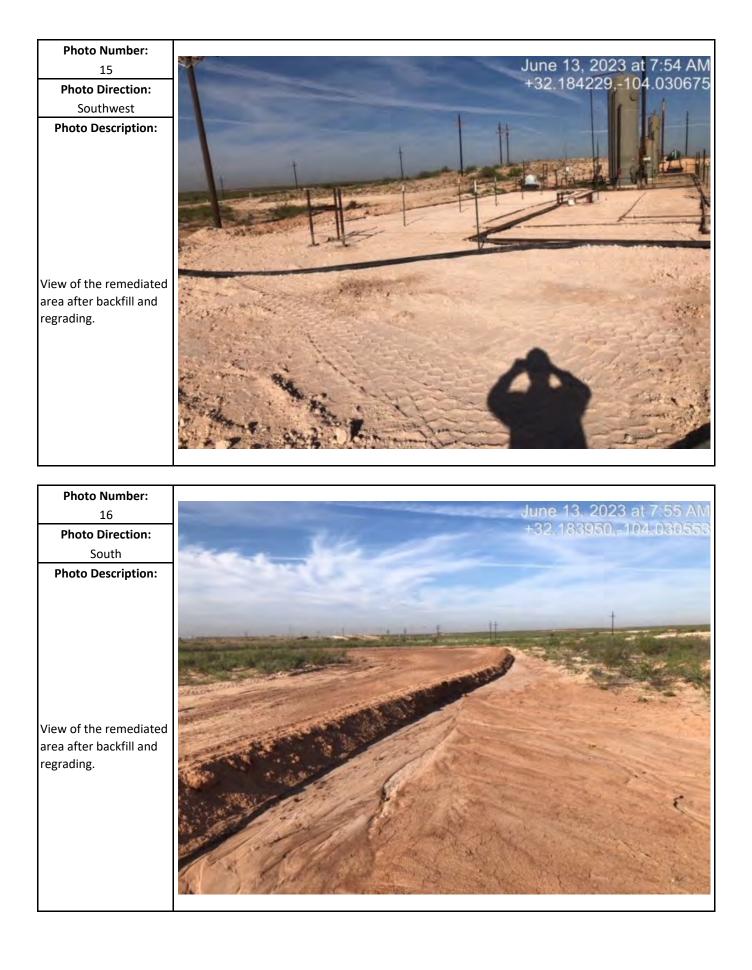
Photographic Log



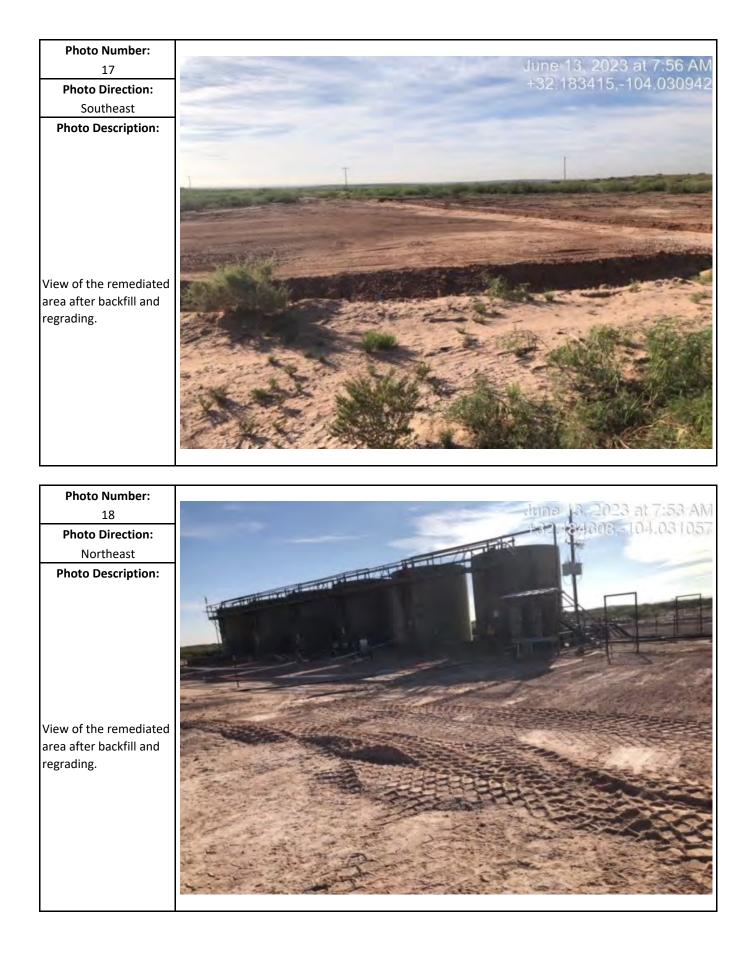












Appendix D Laboratory Analytical Reports



May 02, 2023

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: MALAGA 30 MP FED COM 1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/01/23 11:42.

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/qa/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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/01/2023	Sampling Date:	05/01/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: BG - 1 @ SURFACE (H232124-01)

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	05/01/2023	ND	2.00	100	2.00	0.961	
Toluene*	<0.050	0.050	05/01/2023	ND	2.03	101	2.00	0.896	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.02	101	2.00	0.607	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.21	104	6.00	0.429	
Total BTEX	<0.300	0.300	05/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/02/2023	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	05/02/2023	ND	194	96.9	200	1.46	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	183	91.4	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.1	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/01/2023	Sampling Date:	05/01/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: BG - 1 @ 1 (H232124-02)

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	05/01/2023	ND	2.00	100	2.00	0.961	
Toluene*	<0.050	0.050	05/01/2023	ND	2.03	101	2.00	0.896	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.02	101	2.00	0.607	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.21	104	6.00	0.429	
Total BTEX	<0.300	0.300	05/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1870	16.0	05/02/2023	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	05/02/2023	ND	194	96.9	200	1.46	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	183	91.4	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	91.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.5	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/01/2023	Sampling Date:	05/01/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: BG - 1 @ 2 (H232124-03)

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	05/01/2023	ND	2.00	100	2.00	0.961	
Toluene*	<0.050	0.050	05/01/2023	ND	2.03	101	2.00	0.896	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.02	101	2.00	0.607	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.21	104	6.00	0.429	
Total BTEX	<0.300	0.300	05/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	05/02/2023	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	05/02/2023	ND	194	96.9	200	1.46	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	183	91.4	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	86.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.8	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/01/2023	Sampling Date:	05/01/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: BG - 1 @ 3 (H232124-04)

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	05/01/2023	ND	2.00	100	2.00	0.961	
Toluene*	<0.050	0.050	05/01/2023	ND	2.03	101	2.00	0.896	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.02	101	2.00	0.607	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.21	104	6.00	0.429	
Total BTEX	<0.300	0.300	05/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	05/02/2023	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	05/02/2023	ND	194	96.9	200	1.46	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	183	91.4	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/01/2023	Sampling Date:	05/01/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: BG - 1 @ 4 (H232124-05)

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	05/01/2023	ND	2.00	100	2.00	0.961	
Toluene*	<0.050	0.050	05/01/2023	ND	2.03	101	2.00	0.896	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.02	101	2.00	0.607	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.21	104	6.00	0.429	
Total BTEX	<0.300	0.300	05/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	05/02/2023	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	05/02/2023	ND	194	96.9	200	1.46	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	183	91.4	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	133 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/01/2023	Sampling Date:	05/01/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: BG - 2 @ SURFACE (H232124-06)

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	05/01/2023	ND	2.00	100	2.00	0.961	
Toluene*	<0.050	0.050	05/01/2023	ND	2.03	101	2.00	0.896	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.02	101	2.00	0.607	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.21	104	6.00	0.429	
Total BTEX	<0.300	0.300	05/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-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	05/02/2023	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	05/02/2023	ND	194	96.9	200	1.46	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	183	91.4	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.0	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/01/2023	Sampling Date:	05/01/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: BG - 2 @ 1 (H232124-07)

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	05/01/2023	ND	2.00	100	2.00	0.961	
Toluene*	<0.050	0.050	05/01/2023	ND	2.03	101	2.00	0.896	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.02	101	2.00	0.607	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.21	104	6.00	0.429	
Total BTEX	<0.300	0.300	05/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	05/02/2023	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	05/02/2023	ND	194	96.9	200	1.46	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	183	91.4	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/01/2023	Sampling Date:	05/01/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: BG - 2 @ 2 (H232124-08)

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	05/01/2023	ND	2.00	100	2.00	0.961	
Toluene*	<0.050	0.050	05/01/2023	ND	2.03	101	2.00	0.896	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.02	101	2.00	0.607	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.21	104	6.00	0.429	
Total BTEX	<0.300	0.300	05/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	05/02/2023	ND	432	108	400	0.00	QM-07
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	05/02/2023	ND	194	96.9	200	1.46	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	183	91.4	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	<i>98.3</i>	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/01/2023	Sampling Date:	05/01/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: BG - 2 @ 3 (H232124-09)

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	05/01/2023	ND	2.00	100	2.00	0.961	
Toluene*	<0.050	0.050	05/01/2023	ND	2.03	101	2.00	0.896	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.02	101	2.00	0.607	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.21	104	6.00	0.429	
Total BTEX	<0.300	0.300	05/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	05/02/2023	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	05/02/2023	ND	194	96.9	200	1.46	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	183	91.4	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	77.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.6	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/01/2023	Sampling Date:	05/01/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: BG - 2 @ 4 (H232124-10)

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	05/01/2023	ND	2.00	100	2.00	0.961	
Toluene*	<0.050	0.050	05/01/2023	ND	2.03	101	2.00	0.896	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.02	101	2.00	0.607	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.21	104	6.00	0.429	
Total BTEX	<0.300	0.300	05/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	05/02/2023	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	05/02/2023	ND	194	96.9	200	1.46	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	183	91.4	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	134 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ARDINAL LABORATORIES

Page 65 of 233

Received by OCD: 7/31/2023 5:10:06 PM

E.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 13 of 13

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101	East	Marland,	Hobbs,	NM	88240

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	company May bovy n	
Zip: 88240		
Phone #: (575) 264-9884 Fax #:		
er: Mewhanne	City: Halph's	
Care I H Pathons	State Ma Zin Q214A	
Long I'll wreng		Chloride Chloride BTEX (8021B)
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(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SoiL biL SLUDGE	ACID/BASE: ICE / COOL OTHER : BWIL	
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be deemed watered unless made in writing a drag without installation, business interruptions by Cardinal, regardless of whether such clair Received By: Received By:	ed received by Cardinal within 30 days after completion of toos of use, or loos of profile incurred by direct, its substitue is based upon any of the above stated reasons or otherwise a difference of the above stated reasons or otherwise frame Results of the above stated reasons or otherwise frame Results of the above stated reasons or otherwise the above stated reasons the above stated reasons th	of the applicable kinales, press. Result: Yes No Add'I Phone #: sult: Yes No Add'I Fax #:
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May 22, 2023

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: MALAGA 30 MP FED COM 1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/16/23 8:20.

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/qa/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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 91 @ 2 (H232433-01)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	05/17/2023	ND	2.20	110	2.00	4.77	
Toluene*	<0.050	0.050	05/17/2023	ND	2.23	111	2.00	5.43	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.35	117	2.00	6.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.92	115	6.00	6.75	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/17/2023	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	05/17/2023	ND	204	102	200	2.19	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	170	85.0	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	88.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.0	% 49.1-14	0						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: NW 1 (H232433-02)

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	05/17/2023	ND	2.20	110	2.00	4.77	
Toluene*	<0.050	0.050	05/17/2023	ND	2.23	111	2.00	5.43	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.35	117	2.00	6.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.92	115	6.00	6.75	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	05/17/2023	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	05/17/2023	ND	204	102	200	2.19	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	170	85.0	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: NW 2 (H232433-03)

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	05/17/2023	ND	2.20	110	2.00	4.77	
Toluene*	<0.050	0.050	05/17/2023	ND	2.23	111	2.00	5.43	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.35	117	2.00	6.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.92	115	6.00	6.75	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	05/17/2023	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	05/17/2023	ND	204	102	200	2.19	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	170	85.0	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: NW 3 (H232433-04)

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	05/17/2023	ND	2.20	110	2.00	4.77	
Toluene*	<0.050	0.050	05/17/2023	ND	2.23	111	2.00	5.43	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.35	117	2.00	6.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.92	115	6.00	6.75	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	05/17/2023	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	05/17/2023	ND	204	102	200	2.19	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	170	85.0	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	99.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: NW 4 (H232433-05)

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	05/17/2023	ND	2.20	110	2.00	4.77	
Toluene*	<0.050	0.050	05/17/2023	ND	2.23	111	2.00	5.43	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.35	117	2.00	6.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.92	115	6.00	6.75	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	05/17/2023	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	05/17/2023	ND	204	102	200	2.19	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	170	85.0	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: NW 5 (H232433-06)

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	05/17/2023	ND	2.20	110	2.00	4.77	
Toluene*	<0.050	0.050	05/17/2023	ND	2.23	111	2.00	5.43	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.35	117	2.00	6.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.92	115	6.00	6.75	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	05/17/2023	ND	432	108	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	05/17/2023	ND	204	102	200	2.19	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	170	85.0	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: NW 6 (H232433-07)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/17/2023	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	05/17/2023	ND	204	102	200	2.19	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	170	85.0	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: NW 7 (H232433-08)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/17/2023	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	05/17/2023	ND	204	102	200	2.19	
DRO >C10-C28*	11.0	10.0	05/17/2023	ND	170	85.0	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	99.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: NW 8 (H232433-09)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	05/17/2023	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	05/17/2023	ND	204	102	200	2.19	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	170	85.0	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	102 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: NW 9 (H232433-10)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	05/17/2023	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	05/16/2023	ND	204	102	200	2.01	QR-03
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	198	99.1	200	0.757	QR-03
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: EW 3 (H232433-11)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
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	05/17/2023	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	05/16/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: EW 4 (H232433-12)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	05/17/2023	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	05/16/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	84.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: EW 5 (H232433-13)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1550	16.0	05/17/2023	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	05/16/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: EW 6 (H232433-14)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	05/17/2023	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	05/16/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	78.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: EW 7 (H232433-15)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	05/17/2023	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	05/16/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	84.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: EW 8 (H232433-16)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	05/17/2023	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	05/16/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	84.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: EW 9 (H232433-17)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/17/2023	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	05/16/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	85.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: EW 10 (H232433-18)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	05/17/2023	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	05/16/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	84.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: EW 11 (H232433-19)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	05/17/2023	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	05/16/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	79.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.2	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: WW 1 (H232433-20)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	05/17/2023	ND	416	104	400	0.00	QM-07
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	05/16/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	92.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: WW 2 (H232433-21)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/17/2023	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	05/16/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	84.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: WW 3 (H232433-22)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	05/17/2023	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	05/16/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	87.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: WW 4 (H232433-23)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	05/17/2023	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	05/16/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	85.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: WW 5 (H232433-24)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	05/17/2023	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	05/16/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	70.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.4	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: WW 6 (H232433-25)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	05/17/2023	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	05/16/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	93.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: WW 7 (H232433-26)

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	05/18/2023	ND	2.18	109	2.00	4.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.22	111	2.00	3.72	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.13	107	2.00	2.57	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.59	110	6.00	2.31	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	05/17/2023	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	05/16/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	86.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: WW 8 (H232433-27)

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	05/17/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/17/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	05/17/2023	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	05/16/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/16/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/16/2023	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: WW 9 (H232433-28)

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	05/17/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/17/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	05/17/2023	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	05/17/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	81.0	48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: WW 10 (H232433-29)

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	05/17/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/17/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/17/2023	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	05/17/2023	ND	204	102	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	198	99.1	200	0.757	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	74.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: WW 11 (H232433-30)

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	05/17/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/17/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	78.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: NW 10 (H232433-31)

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	05/17/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/17/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1700	16.0	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SW 1 (H232433-32)

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	05/17/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/17/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SW 2 (H232433-33)

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	05/17/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/17/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SW 3 (H232433-34)

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	05/17/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/17/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	98.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SW 4 (H232433-35)

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	05/17/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/17/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SW 5 (H232433-36)

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	05/17/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/17/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SW 6 (H232433-37)

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	05/17/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/17/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	112 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	125 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SW 7 (H232433-38)

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	05/17/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/17/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: EW 1 (H232433-39)

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	05/17/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/17/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
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	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 :	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: EW 2 (H232433-40)

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	05/17/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/17/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 81 @ 2 (H232433-41)

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	05/17/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/17/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	11.5	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	96.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 82 @ 2 (H232433-42)

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	05/17/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/17/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	15.9	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 83 @ 2 (H232433-43)

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	05/17/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/17/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 84 @ 2 (H232433-44)

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	05/18/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/18/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	13.7	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	98.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 85 @ 2 (H232433-45)

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	05/18/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/18/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 86 @ 2 (H232433-46)

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	05/18/2023	ND	2.12	106	2.00	0.481	
Toluene*	<0.050	0.050	05/18/2023	ND	2.11	105	2.00	0.0983	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.17	109	2.00	1.14	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	107	6.00	1.97	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	104 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 87 @ 2 (H232433-47)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 88 @ 2 (H232433-48)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-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	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	72.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.0	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 89 @ 2 (H232433-49)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-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	05/17/2023	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	05/17/2023	ND	182	91.1	200	3.06	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	186	93.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	88.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 90 @ 2 (H232433-50)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
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	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 67 @ 2 (H232433-51)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 68 @ 2 (H232433-52)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	97.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 69 @ 2 (H232433-53)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 70 @ 2 (H232433-54)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 71 @ 2 (H232433-55)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	05/17/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	97.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 72 @ 2 (H232433-56)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-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	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	71.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.1	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 73 @ 2 (H232433-57)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 74 @ 2 (H232433-58)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 57 @ 2 (H232433-59)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	16.4	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	99.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 58 @ 2 (H232433-60)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	56.3	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	12.6	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 59 @ 2 (H232433-61)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 60 @ 2 (H232433-62)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	28.8	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	103 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 61 @ 2 (H232433-63)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 62 @ 2 (H232433-64)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 63 @ 2 (H232433-65)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.1	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 64 @ 2 (H232433-66)

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	05/18/2023	ND	2.12	106	2.00	3.07	
Toluene*	<0.050	0.050	05/18/2023	ND	2.07	103	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.18	109	2.00	0.123	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.45	108	6.00	0.758	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	15.4	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 65 @ 2 (H232433-67)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	94.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 66 @ 2 (H232433-68)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 21 @ 2.5 (H232433-69)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/17/2023	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	05/17/2023	ND	178	89.0	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	181	90.5	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 22 @ 2 (H232433-70)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	105 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 23 @ 2 (H232433-71)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 24 @ 2 (H232433-72)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 25 @ 2 (H232433-73)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	84.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.0	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 41 @ 2.5 (H232433-74)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	82.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 53 @ 2 (H232433-75)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 54 @ 2 (H232433-76)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	81.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 55 @ 2 (H232433-77)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	87.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 56 @ 2 (H232433-78)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	84.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 11 @ 2 (H232433-79)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	86.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.4	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 12 @ 2.5 (H232433-80)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.1	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 13 @ 2.5 (H232433-81)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 14 @ 2 (H232433-82)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	84.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 15 @ 2 (H232433-83)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	90.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 16 @ 2.5 (H232433-84)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	67.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 17 @ 2 (H232433-85)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 18 @ 2 (H232433-86)

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	05/18/2023	ND	1.99	99.3	2.00	3.99	
Toluene*	<0.050	0.050	05/18/2023	ND	1.99	99.3	2.00	5.19	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.08	104	2.00	3.73	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.15	103	6.00	3.30	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3800	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	85.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.7	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 19 @ 2.5 (H232433-87)

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	05/18/2023	ND	2.23	111	2.00	4.57	
Toluene*	<0.050	0.050	05/18/2023	ND	2.17	109	2.00	5.23	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.14	107	2.00	4.49	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.53	109	6.00	3.54	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	79.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.7	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 20 @ 2.5 (H232433-88)

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	05/18/2023	ND	2.23	111	2.00	4.57	
Toluene*	<0.050	0.050	05/18/2023	ND	2.17	109	2.00	5.23	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.14	107	2.00	4.49	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.53	109	6.00	3.54	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/17/2023	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	05/17/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	76.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 1 @ 4 (H232433-89)

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	05/18/2023	ND	2.23	111	2.00	4.57	
Toluene*	<0.050	0.050	05/18/2023	ND	2.17	109	2.00	5.23	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.14	107	2.00	4.49	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.53	109	6.00	3.54	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	05/17/2023	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	05/18/2023	ND	188	93.9	200	2.28	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	195	97.6	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 2 @ 4 (H232433-90)

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	05/18/2023	ND	2.23	111	2.00	4.57	
Toluene*	<0.050	0.050	05/18/2023	ND	2.17	109	2.00	5.23	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.14	107	2.00	4.49	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.53	109	6.00	3.54	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	05/17/2023	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	05/17/2023	ND	180	90.0	200	0.865	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	167	83.5	200	0.184	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 3 @ 4 (H232433-91)

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	05/18/2023	ND	2.23	111	2.00	4.57	
Toluene*	<0.050	0.050	05/18/2023	ND	2.17	109	2.00	5.23	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.14	107	2.00	4.49	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.53	109	6.00	3.54	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	05/17/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	180	90.0	200	0.865	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	167	83.5	200	0.184	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	87.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88. <i>3</i>	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 4 @ 4 (H232433-92)

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	05/18/2023	ND	2.23	111	2.00	4.57	
Toluene*	<0.050	0.050	05/18/2023	ND	2.17	109	2.00	5.23	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.14	107	2.00	4.49	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.53	109	6.00	3.54	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	05/17/2023	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	05/17/2023	ND	180	90.0	200	0.865	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	167	83.5	200	0.184	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	88.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 5 @ 4 (H232433-93)

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	05/18/2023	ND	2.23	111	2.00	4.57	
Toluene*	<0.050	0.050	05/18/2023	ND	2.17	109	2.00	5.23	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.14	107	2.00	4.49	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.53	109	6.00	3.54	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-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	05/17/2023	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	05/17/2023	ND	180	90.0	200	0.865	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	167	83.5	200	0.184	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	83.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.9	% 49.1-14	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 6 @ 4 (H232433-94)

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	05/18/2023	ND	2.23	111	2.00	4.57	
Toluene*	<0.050	0.050	05/18/2023	ND	2.17	109	2.00	5.23	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.14	107	2.00	4.49	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.53	109	6.00	3.54	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	05/17/2023	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	05/18/2023	ND	180	90.0	200	0.865	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	167	83.5	200	0.184	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					
Surrogate: 1-Chlorooctane	84.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.1	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 7 @ 4 (H232433-95)

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	05/18/2023	ND	2.23	111	2.00	4.57	
Toluene*	<0.050	0.050	05/18/2023	ND	2.17	109	2.00	5.23	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.14	107	2.00	4.49	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.53	109	6.00	3.54	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
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	05/17/2023	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	05/18/2023	ND	180	90.0	200	0.865	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	167	83.5	200	0.184	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					
Surrogate: 1-Chlorooctane	79.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 8 @ 4 (H232433-96)

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	05/18/2023	ND	2.23	111	2.00	4.57	
Toluene*	<0.050	0.050	05/18/2023	ND	2.17	109	2.00	5.23	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.14	107	2.00	4.49	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.53	109	6.00	3.54	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-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	05/17/2023	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	05/18/2023	ND	180	90.0	200	0.865	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	167	83.5	200	0.184	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					
Surrogate: 1-Chlorooctane	82.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 9 @ 4 (H232433-97)

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	05/18/2023	ND	2.23	111	2.00	4.57	
Toluene*	<0.050	0.050	05/18/2023	ND	2.17	109	2.00	5.23	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.14	107	2.00	4.49	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.53	109	6.00	3.54	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/17/2023	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	05/18/2023	ND	180	90.0	200	0.865	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	167	83.5	200	0.184	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					
Surrogate: 1-Chlorooctane	85.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.4	% 49.1-14							

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 10 @ 4 (H232433-98)

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	05/18/2023	ND	2.23	111	2.00	4.57	
Toluene*	<0.050	0.050	05/18/2023	ND	2.17	109	2.00	5.23	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.14	107	2.00	4.49	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.53	109	6.00	3.54	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-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	05/17/2023	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	05/18/2023	ND	180	90.0	200	0.865	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	167	83.5	200	0.184	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					
Surrogate: 1-Chlorooctane	77.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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

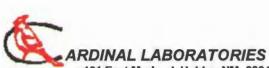
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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Page 166 of 233

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Company Name	ect Manager: Lance (rewishaw									B	ILI	L TO						AN	ALYS	SIS	REC	QUES	T		
Project Manage	r: Lance Crewishe	IN	-					P.C). #:																
Address: P.C								Cor	mpa		A	1cwb	DUVN												
City: Lovingto	on State: NM	Zip	: 88	260			_	Att	-		Te	ff Bi	Sp Blvd												
Phone #: (57	5) 396-2378 Fax #: (575)	396-1	429					Add	dres	s:	48	DIBU	SD Blud	1								1			
Project #:									Y:	H	to !	565	1	1										1	
Project Name: Malaza 30 Mp fection 1H							+			NN	zi	p: 8	8240		EM)	218								ľ	
Project Location	n: Rural Eddy		2-1-				-		one					Chloride	801	80									
Sampler Name:		27	-					Fax					_	Ē	TPH (8015M)	BTEX (8021B)									
FOR LAB USE ONLY	Jannin Land	T			M	TRU	x		PRE	SERV	4	SAMPLI	NG		₽	BT									
					SLUDGE	OTHER :	ACID/BASE:	ICE / COOL OTHER :	5	115/2 DATE) TIME					X									
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PLEASE NOTE: Liability a	INU 2 Ind Damages, Cardinal's liability and client's exclusive remedy for	any dai	m arieir	a whet	V ¹	d in cr	entralist o	or tort	shall b	J/	t to the	e amount pai	by the client for	The .		1				-	_				
analyses. Ali claims includi	ing those for negligence and any other cause whateoever shall b Cardinal be liable for incidental or consequental damages, includi	deeme	id weive	nd unler	es mede	in writ	ing and	recel	red by I	Cardinal	within	1 30 days afte	r completion of th	he applica	ble										
Affiliates or successors are Relinquished B Relinquished B Delivered By	ing out of or related to the performance of markets harmanider by	Re	Seceiv	ved E	By: By: By: By:		etaim i	((HEC		DBY:		suit: t: S:	esult	85	No No	Add	env.co	#:					
Sampler - UPS - Bus - Other: - 14.0 c/14.6 C Yes FORM-006 † Cardinal cannot accept								Yes (Initials) No												_	_	_			

Received by OCD: 7/31/2023 5:10:06 PM

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Released to Imaging: 1/11/2024 10:18:09 AM

RDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476 **Company Name:** Etech Environmental & Safety Solutions, Inc. BILL TO ANALYSIS REQUEST Cranshaw P.O. #: **Project Manager:** GNLE Address: P.O. Box 301 Company: Mewbourn Jeff Broom State: NM Zip: 88260 City: Lovington Attn: 48013450Bld (575) 396-2378 Fax #: (575) 396-1429 Phone #: Address: Project Owner: Mewbourn 1780 Project #: City: BTEX (8021B) TPH (8015M) Malago Fed LOM 88240 1++ State: NM Zin: **Project Name:** Chloride Eddy **Project Location:** Kural Phone #: DOMINIC CASANEZ Sampler Name: Fax #: MATRIX PRESERV. SAMPLING FOR LAB USE ONLY G)RAB OR (C)OMP ĝ SROUNDWATER CONTAINERS VASTEWATER Sample I.D. Lab I.D. CID/BASE: CE / COOI SLUDGE OTHER OTHER 5/15/23 SOIL 1232433 E DATE TIME V EWB C DCI U C EWU S C EWS C EW6 C EWT S EW8 C 0 EWA C 7 EWID C 18 19 C EWII ac WW amount paid by the clier A EASE 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 ralyses. All claims including those for negligence and any other cause whatever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicab rvice. In no event shall Cardinal be liable for incidental or consequental demages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries tiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise C Yes **Relinguished By:** 311 D No Add'l Phone #: Received By Phone Result: O No Add'I Fax #: C Yes Fax Result: REMARKS: Tim **Relinquished By:** Date: Received Time: Please email results to pm@etechenv.com. CHECKED BY: **Delivered By: (Circle One)** Sample Condition 6.0.0, -IU.DL) Cool Intact (Initials) No No Sampler - UPS - Bus - Other: 13 14 **FORM-006** † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 **Revision 1.0**

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

4

ARDINAL LABORATORIES

Page 168 of 233

Received by OCD: 7/31/2023 5:10:06 PM

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

Project Manager: Lanc Crendum P.O. #: Address: 2017 W Maland Company Met Jose / n City: Hobbs State: NM Zip: 88240 Project Mame: Madress: Yes Yes Project Mame: Malages 3 on M feel Con I H State: NM Zip: 88240 State: NM Zip: 88240 Project Cation: Reveal Fax #: Address: Yes I Booms #: Sampler Name: Project I Cation: Fax #: Project I Cation: Project I Cation: Reveal Fax #: Fax #: Fax #: Torum unit Construct Cation: Reveal Fax #: Fax #: Torum unit Construct Cation: Reveal City: Hobbs Fax #: Construct Sample I.D. Big	Company Name	e: Etech Environmental & Safety Sol	ution	s, In	C.			2.7.4	1	I	811	LL TO	r ar ar ar ar ar ar Ar ar ar ar ar ar					ANALYSIS REQUEST
City: Hobbs State: NM TEX Set	Project Manage	er: Lanc Crenshaw						1	P.O. #	t:						1		
City: Hobbs State: NM Tay: Bit Address: Address: Visit Bit Address: Visit	Address: 26									any	M	ew bour	'n				1	
Phone #: (57) 284-984 Fax #: Address: 4 % Cl & & > p W/l Project I: / 7 7 8 0 Project Owner: Me Vou N Cl W Project Name: (9) 000 H Project I: / / 7 8 0 Project Owner: Me Vou N Cl W Project Name: (9) 000 H Project I: / 7 7 8 0 Project Owner: Project Owner: Project Owner: (9) 000 H (9) 000 H (9) 000 H Sampler Name: Downinic Codes ret Fax #: (9) 000 H	City: Hobbs	State: NM	Zi	: 88	240									1				
Project 0 writer: MQW bourn City: Hebby Project Name: Malags 20 mf feel Con I H State: Normalian Project Location: Ryra I E 2 2 Y Phone #: Sampler Name: Down in ic Casare' Pax #: Icab I.D. Sampler Name: Down in ic Casare' Pax #: Icab I.D. Sampler Name: Down in ic Casare' Pax #: Icab I.D. Sampler Name: Down in ic Casare' Pax #: Icab I.D. Sampler Name: Down in ic Casare' Pax #: Icab I.D. Sampler Name: Down in ic Casare' Pax #: Icab I.D. Sampler Name: Down in ic Sampler Name: Down in ic Icab I.D. Sampler Name: Down in ic Casare' Pax #: Down in ic Icab I.D. Sampler Name: Down in ic Casare' Pax #: Down in ic Down in ic Icab I.D. Sampler Name: Down in ic Cal I Icab IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Phone #: (57	5) 264-9884 Fax #:																
Project Location: Malaga 3 and feed an 1/H state: Malaga 3 Bit State: Malaga 3 Malaga 3 <t< td=""><td>Project #: / 7</td><td colspan="6">roject #: 17780 Project Owner: Mew bour</td><td>0</td><td>City:</td><td>Ho</td><td>bl</td><td>B</td><td>pe</td><td></td><td></td><td></td><td></td><td></td></t<>	Project #: / 7	roject #: 17780 Project Owner: Mew bour						0	City:	Ho	bl	B	pe					
Port Ladue onLY MATRIX PRESERV SAMPLING F m Lab I.D. Sample I.D. B		Malage Zome f	62	Col	n	H	1	-	State:	NU	14	Zio: 98	746	a	(WS	18)		
Port Ladue onLY MATRIX PRESERV SAMPLING F m Lab I.D. Sample I.D. B	Project Locatio	Project Location: Ryral CILV												prid	301	802		
Proc Lus Use ONLY MATRIX PRESERV SAMPLING F m Lab I.D. Sample I.D. B	Sampler Name:	Davaiaic	50	r+	50	_		-						- Fi	H (8	X		
Normality	FOR LAB USE ONLY		T	T		M	TRIX	_	-		RV.	SAMPLI	NG	Ĭ	Ę	BT		
All WW4 C I </td <td></td> <td>Sample I.D.</td> <td>(G)RAB OR (C)OMP.</td> <td># CONTAINERS</td> <td>GROUNDWATER</td> <td>WASTEWATER</td> <td>ØIL</td> <td>SLUDGE</td> <td>OTHER : ACID/BASE:</td> <td>ICE / COOL</td> <td>DTHER :</td> <td></td> <td>TIME</td> <td></td> <td></td> <td></td> <td></td> <td></td>		Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	ØIL	SLUDGE	OTHER : ACID/BASE:	ICE / COOL	DTHER :		TIME					
33 WW 4 C 1 34 WW 5 C 1 34 WW 5 C 1 35 WW 5 C 1 36 WW 5 C 1 37 WW 6 C 1 37 WW 9 C 1 38 WW 9 C 1 37 WW 9 C 1 38 WW 9 C 1 39 WW 10 C 1 30 WW 11 C 1 Indianges Carl and	DCal	WW2	C	1		_	-		T	1 1	Τ			~	V	10	1	
33 WW 4 C I <td>22</td> <td>WW3</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td>1</td> <td></td> <td></td>	22	WW3		1						1				1		1		
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Time: Please email results and copy of CoC to pm@etechenv.com. Delivered By: (Circle One) -14.0: C.O.V2: Sample Condition CHECKED BY: Cool Intact (Diritions)	affiliates or successors aris	ing out of or related to the performance of services hereunder b	y Cardin	al, rega	ardiess o	of wheth		claim is	based up	ion any	of the	above stated re	Phone Re Fax Resu	se. sult: It:				
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ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Company Name			BILL TO	ANALYSIS REQUEST
Project Manage	r. Land Crensha	w	P.O. #:	
Address: P.O			Company: Mewbourn	
City: Lovingto	on State: NM	Zip: 88260	Attn: JEFFBroom	
Phone #: (57	5) 396-2378 Fax #: (575) 3	96-1429	Address: 4801 Bus pBlve	
Project #:	7180 Project Owner	MPWbourn	City: Hobbs	
Project Name:	Addison 20	M. Fidrow 14	State: NMZip: \$8240	
Project Location	Malaga 30 Rural Eddy DOMINIC (65)	the rest the	Phone #:	- Chloride TPH (8015M) BTEX (8021B)
Sampier Name:	Dennoi's sa	11.2-	Fax #:	
FOR LAB USE ONLY	DUSTITUE	MATRIX	PRESERV. SAMPLING	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	ACID/BASE: ACID/ACID/ACID/ACID/ACID/ACID/ACID/ACID/	
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analyses. All claims includ	ing those for negligence and any other cause whatsoever shall be arclinat be liable for incidental or consequental damages, including	deemed waived unless made in writing an	d received by Cardinal within 30 days after completion of th	n applicable
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Page 169 of 233



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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	(575) 393-2326 FAX (575) 393-2											
Company Name	and the second state of th	utions, Inc.	BILL TO					A	NALYSI	S REQ	UEST	
Project Manage	r. Lance (renshaw		P.O. #:	1								
Address: P.O			Company: Mewbo	arn	,							
City: Lovingto	on State: NM	Zip: 88260	Attn: Jeff B	MOON								
Phone #: (57	5) 396-2378 Fax #: (575)	396-1429	Address: 4801 Bu	Sp Blud								
Project #: A	PUA 17780 Project Owne	er: Membourn	City: Hobbs			_	-					
Project Name:	Malaga 30 MP F	fed com 1H	State: AIM Zip: 88	240		2W	218					
Project Location	n: Rural Eddy Dominic Casare		Phone #:		Chloride	TPH (8015M)	BTEX (8021B)					
Sampler Name:	DOMINIC CASAre	2	Fax #:		B	H	Ä					
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPL	NG	e (1	=	81					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL ÖIL	OTHER: ACID/BASE: ICE / COOL OTHER:	TIME		-	/	,				
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analyses. All claims includ	ing those for negligence and any other cause whatsoever shall b Cardinat be liable for incidental or consequental damages, includ	be deemed weived unless made in writing a	nd received by Cardinal within 30 days allo	er completion of the	e applicable	B						
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

Company Name	(575) 393-2326 FAX (575) 393-3 : Etech Environmental & Safety Sol		BILL TO	ANALYSIS REQUEST
Project Manage			P.O. #:	
Address: P.C			Company: Mewbaum	
City: Lovingt	on State: NM	Zip: 88260	Attn: Jeff Broom	
Phone #: (57	5) 396-2378 Fax #: (575)	396-1429	Address: 4801 BUSP B	
Project #:	17780 Project Own	MENDOUIM	City: Hobbs	
Project Name:	1 - 1 - 2	COM Ift	State: NMzip: 84240	
Project Locatio			Phone #:	80216
Sampler Name:		rez	Fax #:	Chloride
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER Soil. Dil	ACIDIBASE: ACIDIBASE: THER : OTHER : MIL ALPO	ME
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50000000000000000000000000000000000000	FL68 @ 2	CI		
53	FL 69 @ 7	CI		
54	FL 70 @ 2	CN		
55	FL71 @ 2	CI		
50	FL72 @ 2	CI		
57	FL73 @ 2	CI		
58	FL 74 @ 7			
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FORM-006 Revision 1.		arginal cannot accept ve	rbal changes. Please fax writte	ten changes to 575-393-2476

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Company Name	e: Etech Environmental & Safety So	utions,	Inc.					k	BIL	LTO		1				ANA	LYSI	S RE	QUE	ST	
Project Manage	E Lance Crensha	W					P.O.	#:						1	1		T				T
Address: P.C	D. Box 301						Com	pany:	N	levbo	HIN										
City: Lovingt	on State: NM	Zip:	8826	60			Attn:	J	Tel	ff Br	DOM										
Phone #: (57	5) 396-2378 Fax #: (575)	396-14	429			1	Addr	055:	48	SOI Bus	Blych										
Project #: [City:	ł	tol	065	4										
Project Name:	Malaga 30 Mg Fed	100	1	TH	-		State		MZ		8240		EM)	21B							
Project Locatio							Phon	e #:			W 1	Chloride	801	80			W				
Project Location: Rural Eddy Bampler Name: DAMINIC CASCIEZ						Fax 1	:				CPIC	TPH (8015M)	BTEX (8021B)			1					
FOR LAB USE ONLY		T		1	MATR	IX T	PF	RESER	RV.	SAMPLI	NG	1	E .	BT							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	WASTEWATER	Soll	SLUDGE	OTHER : ACID/BASE:	ICE / COOL	OTHER :	5/15/21 DATE	3 TIME		1		/						
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40	FL 58 @ 2	C	1		1			1					1	17							
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42	FL60 @ 2	C	1				1						1	11							
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1	575)	393-2326	FAX	(575)	393-2476	
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Company Name	Company Name: Etech Environmental & Safety Solutions, Inc.									BI	LL TO		ANALYSIS REQUEST											
Project Manage	r: Lance Crensh	nr	~				P	.0.	ŀ						T	1		T			1	1		
Address: P.O						1	c	omp	апу	5 y 10	Menb	NIN												
City: Lovingto	on State: NM	Zip	: 882	60			Attn: Jeff Broom									1								
Phone #: (57	Phone #: (575) 396-2378 Fax #: (575) 396-1429							ddre	55:	48	O Buc	PBlue		· ·										
Project #:	1180 Project Owner	r. ,	Mer	Nbi	110	9	c	ity:	1	Ho	665	1												
Project Name:	Malaga 30 Mp fo						-	tate:	٨	M	Zip: B	8240	0	EM)	B									
Project Location		91					1	hone					orid	801	803									
Sampler Name:		01	67	-		-	F	ax #:					Chloride	TPH (8015M)	BTEX (8021B)									
FOR LAB USE ONLY		T	П		MATH	XIX	1	PR	ESE	RV.	SAMPLI	NG		L L	BT									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER	Soll	SI LIDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER	5/15/2 DATE	9) 3 TIME		-				¥						
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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101 East Mariand, Hobbs, NM 88240

Company Name	e: Etech Environmental & Safety S	olutions, Inc.	BILL TO	ANALYSIS REQUEST								
Project Manage	r: Lance crensi	norw	P.O. #:									
Address: P.C). Box 301		Company: Mew bourN									
City: Lovingto	on State: NM	Zip: 88260	Attn: Jeff Broom									
	5) 396-2378 Fax #: (57	,	Address: 4801 Busp Blv									
Project #: (7740 Project Ow	mer: Mewbourn	Address: 4801 Busp Blv City: Hobbs									
Project Name:	Malage 30 Mp n: Rural Eddy	Fedrom DIH	State: NMZip: 88240									
Project Location	n: RUTALEDAY	(Phone #:	Chloride EX (8021								
Sampler Name:	DOMINIC LAS	Arez	Fax #:	EX H								
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING									
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XX	FL QUE 2,5 nd Damages. Cardinal's liability and client's exclusive remed	for any data stating whether based in cont	ract or fort shall be limited to the amount raid by the client	for the								
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Relinquished B	ing out of or related to the performance of services hereunds	Received By:	in is based upon any of the above stated reasons or other igner from R REMARI	wee. Result: 11⊡ Yes □ No Add'i Phone #: ult: □ Yes □ No Add'i Fax #: KS:								
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RDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Company Name: Etech Environmental & Safety Solutions, Inc.										BI	LL TO		ANALYSIS REQUEST									
Project Manager	: Lanc Crenshay	r					1	P.O.	#:						T	T	1					
Address: P.O.	Box 301							Company: Mey bour														
City: Lovington State: NM Zip: 88260 Phone #: (575) 396-2378 Fax #: (575) 396-1429 Project #: 17780 Project Owner: Mewbouyn								Atta: TOFF Broom											1			
Phone #: (575) 396-2378 Fax #: (575)	396-1	429					Addr	055	U	RALRU	13/W		· ·		1						
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Project Name:	Malaga 30 MP F	5	10	in	IA	+	ì	State	.1	In	Zip: 88	SUD		*	1 at							
Project Location	Bural Eddy	1	20				-	hon	1.0		Lip. 00	12-10	Chloride	TPH (8015M)	STEX (8021B)							1
Sampler Name:	Bural Eddy Dominic	10	<	G 10	ot	-		ax					울	() () () () () () () () () () () () () (X							
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May 22, 2023

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: MALAGA 30 MP FED COM 1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/16/23 8:20.

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/qa/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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/16/2023	Sampling Date:	05/15/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: WW 12 (H232452-01)

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	05/18/2023	ND	2.11	106	2.00	2.98	
Toluene*	<0.050	0.050	05/18/2023	ND	2.17	109	2.00	4.82	
Ethylbenzene*	<0.050	0.050	05/18/2023	ND	2.23	112	2.00	4.93	
Total Xylenes*	<0.150	0.150	05/18/2023	ND	6.56	109	6.00	5.45	
Total BTEX	<0.300	0.300	05/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	05/17/2023	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	05/17/2023	ND	158	78.9	200	2.80	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	158	78.9	200	0.380	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					
Surrogate: 1-Chlorooctane	84.0% 48.2-134		4						
Surrogate: 1-Chlorooctadecane	89.0	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 4 of 4

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Page 179 of 233

Company Name: Et	ech Environmental & Safety Solu	tions	s, In	C.							Bl	LL TO		ANALYSIS REQUEST						
Project Manager: La	nce Crenshaw							P	P.O. #:											
Address: 2617 West Marland							c	omp	any	у	Mewbo	ume								
City: Hobbs	State: NM	Zip	: 88	240)			A	ttn:			Jeff Bloc	m							
Phone #: (575) 264-	9884 Fax #:							A	ddre	ess	: 48	01 Busines	s Park Blvd							
Project #: 17780	Project Owne	r:	Me	ewb	oun	ne		c	ity:			Hobbs								
Project Name: Malaga	a 30 MP Fed Com 1H							S	tate:		M	Zip:	88240	0	EM)	218				
Project Location: Ru	ral Eddy County, NM							P	hone	e #:				Chloride	TPH (8015M)	BTEX (8021B)				
Sampler Name: Domin	ic Casarez							F	ax #	:				Ē	H	EX				
FOR LAB USE ONLY			Γ	F	R	ATE	RIX	-1	PR	ESI	ERV.	SAMPL	ING		4	BT				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME							
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	able for incidential or consequential damages, including related to the performance of services hereunder by 0 Date: 5-//6-23	Cardina		rdless	of whe									e. sult:	C Ye		No Add'l Phone #: No Add'l Fax #:			
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Sampler - UPS - Bus	- Other: - 14.0 c/-1	111	1			Noi		55	1	0	-	-								



May 23, 2023

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: MALAGA 30 MP FED COM 1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/18/23 8:50.

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/qa/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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 26 @ 4 (H232509-01)

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	05/20/2023	ND	2.43	121	2.00	0.202	
Toluene*	<0.050	0.050	05/20/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	05/19/2023	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	05/19/2023	ND	161	80.3	200	0.0810	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	172	85.9	200	0.177	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	127	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 27 @ 4 (H232509-02)

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	05/20/2023	ND	2.43	121	2.00	0.202	
Toluene*	<0.050	0.050	05/20/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	05/19/2023	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	05/19/2023	ND	161	80.3	200	0.0810	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	172	85.9	200	0.177	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 28 @ 4 (H232509-03)

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	05/20/2023	ND	2.43	121	2.00	0.202	
Toluene*	<0.050	0.050	05/20/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	05/19/2023	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	05/19/2023	ND	161	80.3	200	0.0810	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	172	85.9	200	0.177	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 29 @ 4 (H232509-04)

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	05/20/2023	ND	2.43	121	2.00	0.202	
Toluene*	<0.050	0.050	05/20/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	05/19/2023	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	05/19/2023	ND	161	80.3	200	0.0810	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	172	85.9	200	0.177	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	89.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.0	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 30 @ 4 (H232509-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	05/20/2023	ND	2.43	121	2.00	0.202	
Toluene*	<0.050	0.050	05/20/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	05/19/2023	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	05/19/2023	ND	161	80.3	200	0.0810	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	172	85.9	200	0.177	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	98.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 31 @ 4 (H232509-06)

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	05/20/2023	ND	2.43	121	2.00	0.202	
Toluene*	<0.050	0.050	05/20/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	05/19/2023	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	05/19/2023	ND	161	80.3	200	0.0810	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	172	85.9	200	0.177	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	98.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 32 @ 4 (H232509-07)

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	05/20/2023	ND	2.43	121	2.00	0.202	
Toluene*	<0.050	0.050	05/20/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/20/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/20/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/19/2023	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	05/19/2023	ND	161	80.3	200	0.0810	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	172	85.9	200	0.177	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	96.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 33 @ 4 (H232509-08)

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	05/21/2023	ND	2.43	121	2.00	0.202	
Toluene*	<0.050	0.050	05/21/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	05/19/2023	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	05/19/2023	ND	161	80.3	200	0.0810	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	172	85.9	200	0.177	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.4	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 34 @ 4 (H232509-09)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	05/21/2023	ND	2.43	121	2.00	0.202	
Toluene*	<0.050	0.050	05/21/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	05/19/2023	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	05/19/2023	ND	161	80.3	200	0.0810	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	172	85.9	200	0.177	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	85.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 35 @ 4 (H232509-10)

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	05/21/2023	ND	2.43	121	2.00	0.202	QM-07
Toluene*	<0.050	0.050	05/21/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/19/2023	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	05/19/2023	ND	161	80.3	200	0.0810	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	172	85.9	200	0.177	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 36 @ 4 (H232509-11)

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	05/21/2023	ND	2.43	121	2.00	0.202	
Toluene*	<0.050	0.050	05/21/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 \$	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	05/19/2023	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	05/19/2023	ND	161	80.3	200	0.0810	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	172	85.9	200	0.177	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	102 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 37 @ 4 (H232509-12)

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	05/21/2023	ND	2.43	121	2.00	0.202	
Toluene*	<0.050	0.050	05/21/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	05/19/2023	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	05/19/2023	ND	161	80.3	200	0.0810	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	172	85.9	200	0.177	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	102 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 38 @ 4 (H232509-13)

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	05/21/2023	ND	2.43	121	2.00	0.202	
Toluene*	<0.050	0.050	05/21/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	05/19/2023	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	05/19/2023	ND	161	80.3	200	0.0810	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	172	85.9	200	0.177	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14							

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 39 @ 4 (H232509-14)

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	05/21/2023	ND	2.43	121	2.00	0.202	
Toluene*	<0.050	0.050	05/21/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	05/19/2023	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	05/19/2023	ND	161	80.3	200	0.0810	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	172	85.9	200	0.177	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	98.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 40 @ 4 (H232509-15)

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	05/21/2023	ND	2.43	121	2.00	0.202	
Toluene*	<0.050	0.050	05/21/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1080	16.0	05/19/2023	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	05/19/2023	ND	161	80.3	200	0.0810	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	172	85.9	200	0.177	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 42 @ 3 (H232509-16)

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	05/21/2023	ND	2.43	121	2.00	0.202	
Toluene*	<0.050	0.050	05/21/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	05/19/2023	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	05/19/2023	ND	161	80.3	200	0.0810	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	172	85.9	200	0.177	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	98.4	% 48.2-13	4						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 43 @ 3 (H232509-17)

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	05/21/2023	ND	2.43	121	2.00	0.202	
Toluene*	<0.050	0.050	05/21/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	05/19/2023	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	05/19/2023	ND	161	80.3	200	0.0810	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	172	85.9	200	0.177	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 44 @ 4 (H232509-18)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	05/21/2023	ND	2.43	121	2.00	0.202	
Toluene*	<0.050	0.050	05/21/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	05/19/2023	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	05/19/2023	ND	198	99.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	204	102	200	0.362	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 45 @ 3 (H232509-19)

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	05/21/2023	ND	2.43	121	2.00	0.202	
Toluene*	<0.050	0.050	05/21/2023	ND	2.39	120	2.00	0.486	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.31	116	2.00	0.00359	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.97	116	6.00	0.113	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 \$	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/19/2023	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	05/19/2023	ND	198	99.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	204	102	200	0.362	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 46 @ 4 (H232509-20)

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	05/21/2023	ND	2.20	110	2.00	1.52	
Toluene*	<0.050	0.050	05/21/2023	ND	2.17	109	2.00	2.31	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.08	104	2.00	4.23	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.31	105	6.00	5.32	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	05/19/2023	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	05/19/2023	ND	198	99.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	204	102	200	0.362	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 47 @ 3 (H232509-21)

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	05/21/2023	ND	2.20	110	2.00	1.52	
Toluene*	<0.050	0.050	05/21/2023	ND	2.17	109	2.00	2.31	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.08	104	2.00	4.23	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.31	105	6.00	5.32	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/19/2023	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	05/19/2023	ND	198	99.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	204	102	200	0.362	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	72.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 48 @ 3 (H232509-22)

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	05/21/2023	ND	2.20	110	2.00	1.52	
Toluene*	<0.050	0.050	05/21/2023	ND	2.17	109	2.00	2.31	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.08	104	2.00	4.23	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.31	105	6.00	5.32	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 \$	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/19/2023	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	05/19/2023	ND	198	99.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	204	102	200	0.362	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	66.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 49 @ 3 (H232509-23)

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	05/21/2023	ND	2.20	110	2.00	1.52	
Toluene*	<0.050	0.050	05/21/2023	ND	2.17	109	2.00	2.31	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.08	104	2.00	4.23	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.31	105	6.00	5.32	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/19/2023	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	05/19/2023	ND	198	99.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	204	102	200	0.362	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	61.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 50 @ 2 (H232509-24)

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	05/21/2023	ND	2.20	110	2.00	1.52	
Toluene*	<0.050	0.050	05/21/2023	ND	2.17	109	2.00	2.31	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.08	104	2.00	4.23	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.31	105	6.00	5.32	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	05/19/2023	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	05/21/2023	ND	198	99.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	05/21/2023	ND	204	102	200	0.362	
EXT DRO >C28-C36	<10.0	10.0	05/21/2023	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 52 @ 2 (H232509-25)

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	05/21/2023	ND	2.20	110	2.00	1.52	
Toluene*	<0.050	0.050	05/21/2023	ND	2.17	109	2.00	2.31	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.08	104	2.00	4.23	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.31	105	6.00	5.32	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	05/19/2023	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	05/19/2023	ND	198	99.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	204	102	200	0.362	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	48.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	50.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 51 @ 3 (H232509-26)

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	05/21/2023	ND	2.20	110	2.00	1.52	
Toluene*	<0.050	0.050	05/21/2023	ND	2.17	109	2.00	2.31	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.08	104	2.00	4.23	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.31	105	6.00	5.32	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	05/19/2023	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	05/19/2023	ND	198	99.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	204	102	200	0.362	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	70.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 75 @ 4 (H232509-27)

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	05/21/2023	ND	2.20	110	2.00	1.52	
Toluene*	<0.050	0.050	05/21/2023	ND	2.17	109	2.00	2.31	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.08	104	2.00	4.23	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.31	105	6.00	5.32	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	05/19/2023	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	05/19/2023	ND	198	99.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	204	102	200	0.362	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 76 @ 4 (H232509-28)

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	05/21/2023	ND	2.20	110	2.00	1.52	
Toluene*	<0.050	0.050	05/21/2023	ND	2.17	109	2.00	2.31	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.08	104	2.00	4.23	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.31	105	6.00	5.32	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	05/19/2023	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	05/19/2023	ND	198	99.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	204	102	200	0.362	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 77 @ 4 (H232509-29)

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	05/21/2023	ND	2.20	110	2.00	1.52	
Toluene*	<0.050	0.050	05/21/2023	ND	2.17	109	2.00	2.31	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.08	104	2.00	4.23	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.31	105	6.00	5.32	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	05/19/2023	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	05/19/2023	ND	198	99.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	204	102	200	0.362	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.5	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 78 @ 4 (H232509-30)

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	05/21/2023	ND	2.20	110	2.00	1.52	
Toluene*	<0.050	0.050	05/21/2023	ND	2.17	109	2.00	2.31	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.08	104	2.00	4.23	
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.31	105	6.00	5.32	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	05/19/2023	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	05/19/2023	ND	183	91.4	200	1.86	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	180	89.8	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	74.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.1	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 79 @ 4 (H232509-31)

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	05/19/2023	ND	2.35	117	2.00	1.76	
Toluene*	<0.050	0.050	05/19/2023	ND	2.33	116	2.00	0.784	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.25	112	2.00	1.63	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.80	113	6.00	1.71	
Total BTEX	<0.300	0.300	05/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	05/19/2023	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	05/19/2023	ND	183	91.4	200	1.86	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	180	89.8	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.4	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/18/2023	Sampling Date:	05/17/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 80 @ 4 (H232509-32)

BTEX 8021B		/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2023	ND	2.06	103	2.00	5.34	
Toluene*	<0.050	0.050	05/21/2023	ND	2.10	105	2.00	6.29	
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.03	101	2.00	6.49	
Total Xylenes*	<0.150	0.150	05/21/2023	2023 ND		105	6.00	6.11	
Total BTEX	<0.300	0.300	05/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1640	16.0	05/19/2023	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	05/19/2023	ND	183	91.4	200	1.86	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	180	89.8	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					
Surrogate: 1-Chlorooctane	85.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	<i>89.3</i>	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: Conc CrensLer P.0.#: Address: 2017 W Mariand Company M RW Moorn City: Hobbs State: NM Zip:88240 Attr:: Telf Broom City: Hobbs State: NM Zip:88240 Attr:: Telf Broom Project f(57): 264-9884 Fax #: Address: UP:0 Broom Project f(7) Bit Project Owner: MULW WORL City: Hobbs Bit Project Marine: Dom's inf (Cosmer: Kit Project Bit Bi	ny Name: Etech Environmental & Safety Solutions, Inc.	LL TO ANALYSIS REQUEST	
City: Hobbs State: NM Zip:88240 Attn: Telf Brown Phone #: (57):264-9884 Fax #: Address: Uli Uss. p.B/U B/U Project Name: MAIks_3.31/Mf Hcl. Com/1H State: N/M Zip: 88/U B/U B/U Project Name: MAIks_3.31/Mf Hcl. Com/1H State: N/M Zip: 88/U B/U B/U Project Name: Dom: N/C CaSure2 Fax #: B/U B/U B/U Sampler Name: Dom: N/C CaSure2 Fax #: B/U B/U </td <td>Manager: Canc Crenshaw P.O. #:</td> <td></td> <td>TT</td>	Manager: Canc Crenshaw P.O. #:		TT
Prone #: (575) 264-9884 Fax #: Address: (1)// (2)//	s: 2617 W Marland Compa	1ewbourn	
Phone #: (575) 264-9884 Fax #: Address: (JB/) (B/3 - BB/) (JB/2) Project 8: (77 B/3) Project Owner: (MEUBUURA City: HB/B/3 Project Name: MA/Loga, 31/M/LG2 Cay IH State: N/M Zip: B/2/4 Project Location: Ruyal Edd J Pione #: Fax #:	Hobbs State: NM Zip: 88240 Attn:	Broom	
Project Name: Male to a 31 ML feet Cont 1 H State: 7/M Zip: 8/2 UP end of the cont of	#: (575) 264-9884 Fax #: Addres	Pol Bus o BIVE	
Sampler Name: Downing (Cuiswreit Fax #: F F H H H H FOR LAB USE ORLY Image: Sample I.D.	#: 1/180 Project Owner: VV(UD0U/N City:	65	
Sampler Name: Description Chi Share 2* Fax #: For Last use only For Last use only Image: Sample I.D. Image: Sample I.D. <td>Name: MALLSG BIMP Fed Com 1H State:/</td> <td>Zip: 89240</td> <td></td>	Name: MALLSG BIMP Fed Com 1H State:/	Zip: 89240	
Lab I.D. Sample I.D. BUNK HOUSE OF INTERCENT INFORMATION OF INTERCENT INFORMATIONAL INFORMATION OF INTERCENT INFORMATION OF INTERCENT I	Location: Ruval Edd V Phone	(80 oric	
Lab I.D. Sample I.D. $\frac{1}{90}$ $\frac{1}{91}$	er Name: Dominic Cusurez Fax #:	E H C	
Base of provide and any other sected response of any other sected response response of any other sected response response of any o	USE ONLY MATRIX PRE	SAMPLING F	
Set UC F(27) @ U C // I I	40000 CONTRACT (C) RAD CONTRACT		
4 FL 29 4 C 1 <td>DCIFIZGOY CI</td> <td>5/17/23</td> <td></td>	DCIFIZGOY CI	5/17/23	
4 FL 29 1 <td>271210</td> <td></td> <td></td>	271210		
G FL 31 C 4 C 1 </td <td></td> <td></td> <td>+</td>			+
FL 32 (g 4 1 6 FL 33 (g 4 9 FL 34 (g 4 9 FL 35 (g 4 10 FL 35 (g 4	CFI 30 @ 4 CII		+
FL 32 P U C	6 FL 31 C 4 C 11		1
alyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless smade in writing and received by Cardinal withh 30 days after completion of the applicable vice. In or event shall Cardinal be liable for incidental or consequential daen.gase, including without limitation, business interruptions, loss of use, or loss of profils incurred by client, is subsidiantes, liables or successors arising out of or related to the performance of services hereauted by Cardinal, regardless of whother such claim is based upon any of the above stated reasons or otherwise. elinquished By: Date: _//o // Beceived By: Phone Result:Yes NoAdd'! Phone #:	7 FL 32 @ 4 []]		
alyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless smade in writing and received by Cardinal withh 30 days after completion of the applicable vice. In or event shall Cardinal be liable for incidental or consequential daen.gase, including without limitation, business interruptions, loss of use, or loss of profils incurred by client, is subsidiantes, liables or successors arising out of or related to the performance of services hereauted by Cardinal, regardless of whother such claim is based upon any of the above stated reasons or otherwise. elinquished By: Date: _//o // Beceived By: Phone Result:Yes NoAdd'! Phone #:	8 FL 33 P 4 C 1		
talyses. All claims including those for negligence and any other cause whatsoever shall be deemed valved unless smade in writing and received by Cardinal writish 30 days after completion of the applicable rvice. In no event shall Cardinal be liable for incidential or consequential damages, including without limitation, business interruptions, loss of use, or loss of profils incurred by client, its subsidiantes, finates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of wrother such claim is based upon any of the above stable resolute. Lefinquished By: Date: //o / Received By: Phone Result: D Yes D No Add'I Phone #:	9 FL 34 C 4 C 4		
alyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless smade in writing and received by Cardinal withh 30 days after completion of the applicable vice. In or event shall Cardinal be liable for incidental or consequential daen.gase, including without limitation, business interruptions, loss of use, or loss of profils incurred by client, is subsidiantes, liables or successors arising out of or related to the performance of services hereauted by Cardinal, regardless of whother such claim is based upon any of the above stated reasons or otherwise. elinquished By: Date: _//o // Beceived By: Phone Result:Yes NoAdd'! Phone #:	10 FL 35 E 4 011 1		
elinquished By: Date: // 0 / Received By: Phone Result: D Yes D No Add'I Phone #:	Il claims including those for negligence and any other cause whatsoever shall be deemed waived unters made in writing and received by no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or	within 30 days after completion of the applicable roffile incurred by client, its subsidiantes,	
Time: d. For purchas Malal, REMARKS:	6 11 - 3/1/123 / 1	Fax Result: Ves No Add'I Fax #:	
elinguíshed By: Date: Received By:	Ors allele all	101C	
	λ		
Time: Please email results and copy of CoC to pm@etechenv.com.		Please email results and copy of CoC to pm@etechenv.com.	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: Market - UPS - B	vered By: (Circle One) #//3 Sample Condition		

ARDINAL LABORATORIES

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

Company Name: Etech Environmental & Safety Sol	utions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Cancerenshaw		P.O. #:	
Address: P.O. Box 301		Company: Mewbourn	
City: Lovington State: NM	Zip: 88260	Attn: Jeff Breen	
Phone #: (575) 396-2378 Fax #: (575)	396-1429	Address: 4861 Bus p Blud City: Hobbs	
Project #: 17780 Project Own	or: Mewbourn	City: Hobbs	
Project Name: Malaba 30 MP Fed	Com 1/4 Battery	State: NM Zip: 887.40	E E E E E E E E E E E E E E E E E E E
Project Name: Malugu 30 Mp FCd Project Location: Rural eddy Sampler Name: Deminic Case		Phone #:	- Chloride TPH (8015M) BTEX (8021B)
Sampler Name: De Winic Cass	rel_	Fax #:	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL ÔK	ACID/BASE: ACID/BASE: CCE / COOL CCE / COOL	
D(11 Fix @ 4	GR CON		
12 FL37 04		511.116	
13 FL 38 @ 4	CIV		
14 FL 39 PU			
15 FL 40 CU			
14 FL 4203	CIV		
17 FL 43@3	CIV		
18 FL 44@4	CIN		
19 EL 4583	CIIV		
20 FL 4604	CI		
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name: Etech Environmental & Safety Solutions, Inc.									BI	LL TO						ANA	LYSI	S RI	EQUE	EST		
Project Manager:					1	P.O. #:																
Address: P.O. Box 301						Com	pan	y:M	elbour	n			1									
City: Lovington State: NM	Zip	: 88	260							E Broo												
Phone #: (575) 396-2378 Fax #: (575)	396-1	429		-						301 Ber					1							
Project #: 17780 Project Own	er: N	1.0	N	hu	IA	-f	libe	F	tol	565	10 - 6											
Project Name: Maley, 70 40 Fe. 2 P	hala	1	+	200			State	. 1	IM	zipsuto	3		N.	1B)				-				
Project Name: Malcy 30 mf fed C Project Location: Rural Edd Sampler Name: Dominic Casa	Nº1						Phon			Zipio Pe C		Chloride	TPH (8015M)	3TEX (8021B)								
Sampler Name: David Al Cac	Y	/				-	ax 1					he	T (8	X								
FOR LAB USE ONLY	T	T	-	M	ATRD	-		-	ERV.	SAMPLIN	IG	0	TPI	E					1			
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER : ACID/RASE	ICE / COOL	ØTHER :	DATE	TIME											
DC 21 FL4703	C	11					T	V	-	5/17/23		V	V	10	1	1			1			
22 FL 4883	10	T		1				1		1		1	1	11	1							
23 FL 4983	C	1						1						T								
24 FL 50@2	C	1		1			T	1								1						
25 FL 52 @2	2	1					1															
26 FL 51 @ 3	C	1																				
27 FL 75 84	C	11										Π		T								
28 FL 76 @ 4	AC	1				1						1										
29 FL 77 CU	2	1						110														
30 FL 78 Q 4	C	T		1	V			C	1		-											
Indiverse. All claims including those for negligence and any other cause whatboever shall invice. In no event shall Cardinal be liable for incidental or consequential damages, inclu finities or ascessors arising out of or related to the performance of services hereunder to Relinquished By: Date: Time: Delivered By: (Circle One)	ing witho y Cardina /23	ut limit al, rega	ntion, bu ratess of ved E	ampi	interrupt	tions, tot claim is ULA it it nditio	Land	e, or lo goon a	HECH	rolls insured by di	ieril, ils subeidisc	ries, se. sult: it: S: email r	esult	stop	-	Add [*]		1.				
Sampler - UPS - Bus - Other: - 11.0 c /	_1	1.1		Y		Yes		-	(min	Ð I	" []	6	mà	a.i	25	421	210	00	09	man	I-C.	on

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ARDINAL LABORATORIES

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

City: Lovington State: NM Zip: 88260 Attn: Phone #: (575) 396-2378 Fax #: (575) 396-1429 I Addr Project #: / 7780 Project Owner: Membranes City: Project Name: Mailage 30 Mp fed Com LH State Project Location: Ruval eddy Phor Fax # Phor Sampler Name: Dominic Cashvel Fax # For LABUSE ONLY Sample I.D. NATRIX Phor H333709 Sample I.D. Barphanes NATRIX Phor	mpany: Mewbeur, m: Jeff Brood dress: Ygc1 Bus p gr: Hold bs m: N/M zip: 8824 one #: x #: PRESERV SAMPLING ::: ::: ::: ::: :: <td::< td=""> ::</td::<>	Blud	TPH (8015M) BTFX (8024B)					
Address: P.O. Box 301 Com City: Lovington State: NM Zip: 88260 Attm: Phone #: (575) 396-2378 Fax #: (575) 396-1429 I Address: Project #: / 7 7 8 0 Project Owner: Met bould hourd hour	n: Jeff Brood dross: 4001 Bus p y: Ho 1 bs nto: 1/1/11 Zip: 8824 one #: PRESERV. SAMPLING :: BRESERV. SAMPLING :: BRESERV. SAMPLING	Chloride	TPH (8015M) BIFX (8021B)					
City: Lovington State: NM Zip: 88260 Attn: Phone #: (575) 396-2378 Fax #: (575) 396-1429 I Addr Project #: / 7 7 8 0 Project Owner: Methods// h City: Project Name: Malage 30 Mp fed Com IH Project Location: Ruval eddy Phor Sampler Name: DoMinic Cashvel Fax # For LAB USE ONLY Sample I.D. NATRIX Phor	n: Jeff Brood dross: 4001 Bus p y: Ho 1 bs nto: 1/1/11 Zip: 8824 one #: PRESERV. SAMPLING :: BRESERV. SAMPLING :: BRESERV. SAMPLING	Chloride	TPH (8015M) RTFX (8021B)					
Project Name: Malage 30 Mp fed Com [H] State Project Location: Ruval eddy Phor Sampler Name: Dominic Cashvel Fax 1 FOR LABUSE ONLY Sample I.D. NATRIX	Atte: ///// Zip: 8924 one #:	Chloride	TPH (8015M) RTFX (8021B)					
Project Name: Malage 30 Mp fed Com [H] State rroject Location: RVVal eddy Phor ampler Name: Dominic Cusavel Fax 1 For LAB USE ONLY Sample I.D. Walk Har	Atte: ///// Zip: 8924 one #:	Chloride	TPH (8015M) BTFX (8021B)					
Project Name: Malage 30 Mp fed Com [H] State Project Location: Ruval eddy Phor Sampler Name: Dominic Cashvel Fax 1 FOR LABUSE ONLY Sample I.D. NATRIX	Atte: ///// Zip: 8924 one #:	Chloride	TPH (8015M) RTFX (8024R)					
Project Location: RUVAL Eddy Phor Sampler Name: DoMinic Cushvel Faxing and a stress of the stress of	ONE #:	Chlori	TPH (801) BTFX (803					
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EASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, w	shall be limited to the amount add by the	he client for the						
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istes or successors artising out of or related to the performance of services hereunder by Cardinal, regardless of whether such date is based. elinquished By: Date: / / // Received By:	ed upon any of the above stated reasons	s or otherwise.	Yes	D No	Add'I Phone	#:		
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Received by OCD: 7/31/2023 5:10:06 PM

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



May 25, 2023

LANCE CRENSHAW Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: MALAGA 30 MP FED COM 1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/22/23 15:15.

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/qa/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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/22/2023	Sampling Date:	05/22/2023
Reported:	05/25/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: NW 9B (H232587-01)

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	05/23/2023	ND	2.17	109	2.00	10.4	
Toluene*	<0.050	0.050	05/23/2023	ND	2.22	111	2.00	8.69	
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.13	107	2.00	9.34	
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.64	111	6.00	8.72	
Total BTEX	<0.300	0.300	05/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	05/23/2023	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	05/23/2023	ND	174	87.2	200	1.15	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	174	86.9	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	78.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.1	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/22/2023	Sampling Date:	05/22/2023
Reported:	05/25/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SW 7B (H232587-02)

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	05/23/2023	ND	2.17	109	2.00	10.4	
Toluene*	<0.050	0.050	05/23/2023	ND	2.22	111	2.00	8.69	
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.13	107	2.00	9.34	
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.64	111	6.00	8.72	
Total BTEX	<0.300	0.300	05/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	05/23/2023	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	05/23/2023	ND	174	87.2	200	1.15	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	174	86.9	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	98.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/22/2023	Sampling Date:	05/22/2023
Reported:	05/25/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: WW 9B (H232587-03)

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	05/23/2023	ND	2.16	108	2.00	4.28	
Toluene*	<0.050	0.050	05/23/2023	ND	2.11	106	2.00	2.15	
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.21	110	2.00	3.58	
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.57	110	6.00	4.80	
Total BTEX	<0.300	0.300	05/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	05/23/2023	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	05/23/2023	ND	173	86.4	200	3.54	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	162	80.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	102 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/22/2023	Sampling Date:	05/22/2023
Reported:	05/25/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: WW 12B (H232587-04)

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	05/23/2023	ND	2.16	108	2.00	4.28	
Toluene*	<0.050	0.050	05/23/2023	ND	2.11	106	2.00	2.15	
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.21	110	2.00	3.58	
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.57	110	6.00	4.80	
Total BTEX	<0.300	0.300	05/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1300	16.0	05/23/2023	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	05/23/2023	ND	173	86.4	200	3.54	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	162	80.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/22/2023	Sampling Date:	05/22/2023
Reported:	05/25/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 18 @ 3 (H232587-05)

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	05/23/2023	ND	2.16	108	2.00	4.28	
Toluene*	<0.050	0.050	05/23/2023	ND	2.11	106	2.00	2.15	
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.21	110	2.00	3.58	
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.57	110	6.00	4.80	
Total BTEX	<0.300	0.300	05/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1230	16.0	05/23/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2023	ND	173	86.4	200	3.54	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	162	80.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	98.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received:	05/22/2023	Sampling Date:	05/22/2023
Reported:	05/25/2023	Sampling Type:	Soil
Project Name:	MALAGA 30 MP FED COM 1H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	17780	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: FL 82 @ 3 (H232587-06)

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	05/23/2023	ND	2.16	108	2.00	4.28	
Toluene*	<0.050	0.050	05/23/2023	ND	2.11	106	2.00	2.15	
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.21	110	2.00	3.58	
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.57	110	6.00	4.80	
Total BTEX	<0.300	0.300	05/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	05/23/2023	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	05/23/2023	ND	173	86.4	200	3.54	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	162	80.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					
Surrogate: 1-Chlorooctane	95.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES 101 East Mariand, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

Company Name: Etech Environmental & Safety Solutions, Inc.						BILL TO						ANALYSIS REQUEST										
Project Manager: Land Crenshaw						P.O. #:								1		T	T	T				
Address: P.O. Box 301						company: Mewbourn										1						
ity: Lovingt	00	State: NM	Zip	: 88:	260			Attn: Jeff Broom												1		
hone #: (57	5) 396-2378	Fax #: (575) :	396-1	429				Address: 4901 12-150 Phil						· ·								
roject #: /7	7780	Project Owne	r.V	No	1/k	200	rn	Address: 4801 1305 p Blip City: Hobbs					1			1						
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Project Locatio	n: Ruxal	Pddy		-		-		-	one				Chloride	TPH (8015M)	BTEX (8021B)							
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alyses. All claims includ vice, in no event shall C listes or successors aris	ling those for megligence and any other of Cardinal be liable for incidental or conse ing out of or related to the performance	cause whateorver shell be quential demages, includin of services hereunder by	deeme g withou Cardina	ni weive ut limita i, regar	id unless tion, bus discs of v	made inems in whethe	in writing a terruptions	niti reçe , ione o	rived by of use, o	Cardinal r loss of p	within 30 days a rollin insured t	eller completion of it ay client, its subsidia i reasons or otherwi	he applicat ries, ies.			-		-				
elinguished B	y:	Date: 5-22 Time: 7:45	FLE		red B	2	de	2í	n	0	es	Phone Re Fax Resu REMARK	it:			No		Phone Fax #			 	
Relinquished By: Date: Received By: Time: Time: Sample Condition Delivered By: (Circle One) 3: 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.					ition CHECKED BY:					Please email results to pm@etechenv.com.												

Received by OCD: 7/31/2023 5:10:06 PM

Appendix E Regulatory Correspondence

From:	Hamlet, Robert, EMNRD
То:	Lance Crenshaw
Cc:	Connor Walker; Ben Arguijo; Bratcher, Michael, EMNRD; Harimon, Jocelyn, EMNRD
Subject:	(Extension Approval) NAPP2305942242 MALAGA 30 MP FED COM #1H BATTERY
Date:	Wednesday, May 31, 2023 8:12:51 AM

RE: Incident #NAPP2305942242 MALAGA 30 MP FED COM #1H BATTERY

Lance,

Your request for an extension to **July 31st, 2023** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau EMNRD - Oil Conservation Division 506 W. Texas Ave.| Artesia, NM 88210 575.909.0302 | robert.hamlet@state.nm.us http://www.emnrd.state.nm.us/OCD/



From: Lance Crenshaw <lance@etechenv.com>
Sent: Tuesday, May 30, 2023 1:52 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Hamlet, Robert, EMNRD
<Robert.Hamlet@emnrd.nm.gov>
Cc: Connor Walker <cwalker@mewbourne.com>; Ben Arguijo <bena@etechenv.com>
Subject: [EXTERNAL] Extension request

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

Dear NMOCD Environmental Bureau,

Mewbourne Oil Company (Mewbourne) has contracted Etech Environmental & Safety Solutions, Inc. (Etech), to conduct remediation activities for the release known as the Malaga 30 MP Battery Fire (NMOCD Incident #nAPP2305942242) and the CWMS Fleetwood Riser (nAPP2308026482). Both are located in Eddy County and are within a half-mile of each other. Pursuant to NMOCD regulations, a work plan or closure report is due for the Malaga release on **June 13, 2023 and on the Fleetwood release on June 3, 2023**. The release/impacted area has been excavated to 2' and 4', respectively, at both locations, but we have been severely delayed with pipeline companies having to be on site for excavation or backfill over their lines.

In consideration of this, Etech, on behalf of Mewbourne, requests a **60 day extension** until **Monday**, **July 31, 2023**, to allow us to fully excavate the site, gather excavation confirmation samples, backfill the site and prepare a site closure request.

If you have any questions or need any additional information, please do not hesitate to contact me by phone or email.

Thank you for your time and consideration.

Lance Crenshaw Etech Environmental & Safety Solutions 575-631-2532

From:	Hamlet, Robert, EMNRD
То:	Lance Crenshaw
Cc:	<u>Connor Walker; Ben Arguijo; Joel Lowry; Bratcher, Michael, EMNRD; Nobui, Jennifer, EMNRD; Harimon, Jocelyn, EMNRD</u>
Subject:	(Extension Approval) NMOCD Incident #nAPP2305942242
Date:	Wednesday, May 10, 2023 11:42:51 AM

RE: Incident #NAPP2305942242

Lance,

Your request for an extension to **June 13th, 2023** is approved. Please include this e-mail correspondence in the remediation and/or closure report.





From: Lance Crenshaw <lance@etechenv.com>
Sent: Wednesday, May 10, 2023 10:14 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Hamlet, Robert, EMNRD
<Robert.Hamlet@emnrd.nm.gov>
Cc: Connor Walker <cwalker@mewbourne.com>; Ben Arguijo <bena@etechenv.com>; Joel Lowry
<joel@etechenv.com>

Subject: [EXTERNAL] NMOCD Incident #nAPP2305942242 extension request

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

Dear NMOCD Environmental Bureau,

Mewbourne Oil Company (Mewbourne) has contracted Etech Environmental & Safety Solutions, Inc. (Etech), to conduct remediation activities for the release known as the Malaga 30 MP Battery Fire (NMOCD Incident #nAPP2305942242) located in Eddy County. Pursuant to NMOCD regulations, a work plan or closure report is due for the release **Saturday, May 13, 2023**. The release/impacted area has been excavated to 2' and 4', respectively, and we were just awaiting guidance on the state for closure criteria, which was attained today via phone call between Connor Walker and Robert Hamlet. Per the conversation between Mr. Walker and Mr. Hamlet, the closure criteria for chlorides for the release of the two background samples at each depth (2,435 mg/kg @ 1'

bgs; 3,260 mg/kg @ 2' bgs; 2,560 mg/kg @ 3' bgs and 2,420 mg/kg @ 4' bgs) . Also, coordinating with pipeline companies to be able to excavate over their assets has delayed the project.

In consideration of this, Etech, on behalf of Mewbourne, requests a **30 day extension** until **Tuesday**, **June 13, 2023**, to allow us to fully excavate the site, gather excavation confirmation samples, backfill the site and prepare a site closure request.

If you have any questions or need any additional information, please do not hesitate to contact me by phone or email.

Thank you for your time and consideration.

Lance Crenshaw Etech Environmental & Safety Solutions 575-631-2532

From:	Connor Walker
То:	Wells, Shelly, EMNRD
Subject:	[EXTERNAL] FW: [EXT] Sampling Notification
Date:	Wednesday, January 10, 2024 4:02:37 PM
Attachments:	image001.png

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

Shelly,

I was able to find the sampling notification for the release you mentioned, the Malaga 30 MP. There area also a few more on here as well.

Thank you,

Connor Walker Sr. Engineer Phone: 806-202-5281 Email: cwalker@mewbourne.com



From: Lance Crenshaw <lance@etechenv.com>
Sent: Monday, May 8, 2023 10:04 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Cc: Ben Arguijo <bena@etechenv.com>; Connor Walker <cwalker@mewbourne.com>; Joel Lowry
<joel@etechenv.com>
Subject: [EXT] Sampling Notification

This email serves as notice that Etech intends to collect excavation confirmation soil samples on May 12-15 from the following locations/reportable release sites:

Mewbourne Oil Co – Antelope 9 B2NC State Com #001H- nAPP2311029101 Mewbourne Oil Co- CWMS Fleetwood Riser- napp2308026482 Mewbourne Oil Co- Malaga 30 MP Battery Fire – napp2305942242 Mewbourne Oil Co – Greyhound Booster – napp2311157492

If you have any questions or need any additional information, please contact Lance Crenshaw by phone (575-631-2532) or email <u>lance@etechenv.com.</u>

Lance Crenshaw Etech Environmental & Safety Solutions 575-631-2532

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

District IV 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

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	246317
	Action Type:
	[C-141] Release Corrective Action (C-141)
CONDITIONS	

Created By Condition scwells None

CONDITIONS

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Action 246317

Condition Date 1/11/2024