

Incident Number: nKMW0800949657, nKMW0800950646, nKMW0800950937,

Release Assessment and Closure

Platt PA Tank Battery Section 26, Township 18 South, Range 26 East API: 30-015-23906 County: Eddy Vertex File Number: 22E-00123-14

Prepared for: EOG Resources Inc.

Prepared by: Vertex Resource Services Inc.

Date: November 2023 **EOG Resources Inc.** Platt PA Tank Battery

Release Assessment and Closure Platt PA Tank Battery Section 26, Township 18 South, Range 26 East API: 30-015-23906 County: Eddy

Prepared for: **EOG Resources Inc.** 104 South 4th Street Artesia, New Mexico 88210

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EOG Resources Inc.	Release Assessment and Closure
Platt PA Tank Battery	November 2023

Table of Contents

1.0	Introduction	1
2.0	Incident Description	1
3.0	Site Characteristics	2
4.0	Closure Criteria Determination	2
5.0	Remedial Actions Taken	4
6.0	Closure Request	5
7.0	References	6
8.0	Limitations	7

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EOG Resources Inc. Platt PA Tank Battery

In-text Tables

- Table 1. Closure Criteria Determination
- Table 2. Closure Criteria for Soils Impacted by a Release

List of Figures

- Figure 1. Characterization Sampling Site Schematic
- Figure 2. Confirmatory Sampling Site Schematic

List of Tables

- Table 3.
 Initial Characterization Sample Field Screen and Laboratory Results Depth to Groundwater 51-100 feet
- Table 4.Confirmatory Sample Field Screen and Laboratory Results Depth to Groundwater Depth to Groundwater51-100 feet bgs

List of Appendices

- Appendix A. NMOCD C 141 Reports
- Appendix B. Releases During 1980s-1990s
- Appendix C. Closure Criteria Research Determination Documentation
- Appendix D. Daily Field Reports
- Appendix E. Notifications
- Appendix F. Laboratory Data Reports and Chain of Custody Forms

1.0 Introduction

EOG Resources Inc. (EOG) retained Vertex Resource Services Inc. (Vertex) to conduct a Release Assessment and Closure for three releases that occurred on January 6, 2007, June 23, 2007, and July 2, 2007, at Platt PA Tank Battery API 30-015-23906 (hereafter referred to as the "site"). EOG submitted an initial C-141 Release Notification (Appendix A) to New Mexico Oil Conservation Division (NMOCD) District 2 on January 6, 2007, July 5, 2007, and January 9, 2008. Incident ID numbers nKMW0800949657, nKMW0800950646, and nKMW0800950937 were assigned to this incident.

This report describes the release assessment and remediation activities associated with the site. The information presented demonstrates that closure criteria established in Table I of 19.15.29.12 of the *New Mexico Administrative Code* (NMAC; New Mexico Oil Conservation Division, 2018) related to NMOCD has been met and all applicable regulations are being followed. This document is intended to serve as a final report to obtain approval from NMOCD for the closure of this release, with the understanding that restoration of the release site.

2.0 Incident Description

nKMW0800949657

The release occurred on January 6, 2007, due to a transition blowout on the discharge side of the water pump. The incident was reported on January 12, 2007, and involved the release of approximately 30 barrels (bbl.) of produced water into the unlined earth berm containment. Approximately 26 bbl. of free fluid was removed during the initial clean-up. Additional details relevant to the release are presented in the C-141 Report.

nKMW0800950646

The release occurred on June 23, 2007, due to a bad transformer inside the water pump panel box causing the water pump to malfunction and allowing the water tank to overrun. The incident was reported on July 5, 2007, and involved the release of approximately 40 barrels (bbl.) of produced water into the unlined earth berm containment. Approximately 30 bbl. of free fluid was removed during the initial clean-up. Additional details relevant to the release are presented in the C-141 Report.

nKMW0800950937

The release occurred on July 2, 2007, due to corrosion that caused a hole in the fire tube plate of the heater treater. The incident was reported on January 9, 2008, and involved the release of approximately 10 barrels (bbl.) of produced water into the unlined earth berm containment. Approximately 8 bbl. of free fluid was removed during the initial cleanup. Additional details relevant to the release are presented in the C-141 Report.

3.0 Releases During 1980s-1990s

From 1989 to 1992, three historical releases occurred in the tank battery area. The Remedial Actions Taken section found later in this closure report describes the remediation of the entire battery area, encompassing all three of these historical release areas. There were no incident numbers associated with the three releases. Any remaining impacts were congruently addressed with the remedial activities completed for the reported incidents. On January 11, 1989, the first release occurred when two holes in one of the tanks developed, causing 9 bbl. of crude oil to spill into the tank battery area. No standing fluid was recovered from the incident.

On January 30, 1989, the second release occurred when a hole in one of the tanks developed, causing 80 bbl. of crude oil to spill into the tank battery area. A vacuum truck recovered 70 bbl. of standing fluid from the incident.

On August 4, 1992, the third release occurred when a line from the separator to the gun barrel sprung a leak and caused 50 bbl. of crude oil and produced water to spill into the tank battery area. A vacuum truck recovered 40 bbl. of standing fluid from the incident. Report documentation for these releases is included in Appendix B.

4.0 Site Characteristics

The site is located approximately 9.1 miles southeast of Artesia, New Mexico. The legal location for the site is Section 26, Township 18 South and Range 26 East in Eddy County, New Mexico. The release area is located on private property. An aerial photograph and site schematic are presented in Figure 1.

The Geological Map of New Mexico (New Mexico Bureau of Geology and Mineral Resources, 2023) indicates the site's surface geology primarily comprises Qp – Piedmont alluvial deposits and is characterized as red sandstone and siltstone. The predominant soil texture on the site is loamy.

The location is typical of oil and gas exploration and production sites in the Permian Basin and is currently used for oil and gas production and storage. The following sections specifically describe the release area within the battery containment area (Figure 1).

The surrounding landscape is associated with upland plains with elevations ranging between 2,842 and 5,000 feet. The climate is semiarid with average annual precipitation ranging between 8 and 13 inches. Using information from the United States Department of Agriculture, the dominant vegetation was determined to be perennial grasses. Grasses with shrubs and half-shrubs dominate the historic plant community (United States Department of Agriculture, Natural Resources Conservation Service, 2023). Limited to no vegetation is allowed to grow on the compacted production pad, right-of-way, and access road.

The surface geology at the site primarily comprises Qp – Alluvium from the Holocene to middle Pleistocene ages (New Mexico Bureau of Geology and Mineral Resources, 2023) and the soil at the site is characterized as loamy (United States Department of Agriculture, Natural Resources Conservation Service, 2023). Additional soil characteristics include a drainage class of well-drained with a runoff class of low. The karst geology potential for the site is medium (United States Department of the Interior, Bureau of Land Management, 2018).

5.0 Closure Criteria Determination

Using site characterization information, a closure criteria determination worksheet (Table 1) was completed to determine if the release was subject to any of the special case scenarios outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC.

	ne: Platt PA Battery				
· ·	rdinates:	X: 32.715484	Y: -104.357324		
Site Spe	cific Conditions	Value	Unit		
1	Depth to Groundwater	>55	feet		
2 Within 300 feet of any continuously flowing		16,271	feet		
	watercourse or any other significant watercourse	10,271			
Within 200 feet of any lakebed, sinkhole or playa lake		40,874	feet		
	(measured from the ordinary high-water mark)				
4	Within 300 feet from an occupied residence, school,	1,888	feet		
•	hospital, institution or church	1,000			
	i) Within 500 feet of a spring or a private, domestic				
5	fresh water well used by less than five households for	2,623	feet		
5	domestic or stock watering purposes, or				
	ii) Within 1000 feet of any fresh water well or spring	2,623	feet		
	Within incorporated municipal boundaries or within a				
	defined municipal fresh water field covered under a				
6	municipal ordinance adopted pursuant to Section 3-27-	No	(Y/N)		
	3 NMSA 1978 as amended, unless the municipality				
	specifically approves				
7	Within 300 feet of a wetland	7,996	feet		
8	Within the area overlying a subsurface mine	No	(Y/N)		
			Critical		
9		Medium	High		
9	Within an unstable area (Karst Map)	weatum	Medium		
			Low		
10		500			
10	Within a 100-year Floodplain	500	year		
11	Soil Type	Reagan loam 0-1	slopes and 1 to 3 slop		
10	Ecological Classification				
12	Ecological Classification	Loamy			
13	Geology	Qp			
			<50'		
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	51-100'	51-100'		
			>100'		

Based on the data included in the closure criteria determination worksheet, the releases at the site are not subject to the requirements of Paragraph (4) of Subsection C of 19.15.29.12 NMAC. The nearest groundwater data is younger than 25 years and located closer than 0.5 miles from the remediation site; therefore, the depth to groundwater can accurately be determined. The bore logs that documented the latest borehole drilled are included in Appendix C.

The closure criteria determined for the site are associated with the following constituent concentration limits as presented in Table 1.

Table 2. Closure Criteria for Soils to Remediation & Reclamation Standards					
	Constituent	Limit			
0.4 fact bas (10.15.20.12)	Chloride	600 mg/kg			
0-4 feet bgs (19.15.29.13)	TPH (GRO+DRO+MRO)	100 mg/kg			
	Chloride	10,000 mg/kg			
	TPH (GRO+DRO+MRO)	2,500 mg/kg			
DTGW 51-100 feet (19.15.29.12)	GRO+DRO	1,000 mg/kg			
	BTEX	50 mg/kg			
	Benzene	10 mg/kg			

TPH – total petroleum hydrocarbons, GRO – gas range organics, DRO – diesel range organics, MRO – motor oil range organics BTEX – benzene, toluene, ethylbenzene and xylenes

6.0 Remedial Actions Taken

On March 1, 2023, EOG contracted Vertex to complete release remediation at the site through field screening procedures, oversight of the excavation, and final confirmatory sampling. The daily field reports with final excavation documentation are included in Appendix C.

Remediation began on March 1, 2023, and was halted on May 22, 2023, due to production equipment obstructing a portion of the remediation area on the east side, deeming it unsafe to excavate with machinery. Excavation and confirmation sampling continued on September 28, 2023, after the production equipment had been moved by the current operator to allow for safe excavation. Vertex had a representative on-site during both events to conduct field screening procedures and collected a total of 121 five-point composite confirmatory samples from the base and sidewalls of the excavation, at depths ranging between 4 and 20 feet bgs. The top four feet of the excavation was remediated to NMOCD's strictest closure criteria to horizontally delineate the releases. Notifications that confirmatory samples were being collected were provided to NMOCD before every sampling event and are included in Appendix D, as required by Subparagraph (a) of Paragraph (1) of Subsection D 19.15.29.12 NMAC.

Each composite sample was representative of no more than 200 square feet per the alternate sampling method outlined in Subparagraph (c) of Paragraph (1) of Subsection D 19.15.29.12 NMAC. The composite samples were placed into laboratory-provided containers, preserved on ice, and submitted to a National Environmental Laboratory Accreditation Program-approved laboratory for chemical analysis.

Laboratory analyses included Method 300.0 for chlorides, Method 8021B for volatile organics, including BTEX, and EPA Method 8015 for TPH, including DRO, MRO, and GRO. Confirmatory sample analytical data are summarized in Table 3. Laboratory data reports and chain of custody forms are included in Appendix E.

A GeoExplorer 7000 Series Trimble global positioning system unit was used to map the approximate center of each of the five-point composite samples. The confirmatory sample locations are presented in Figure 1. Relevant equipment and prominent features/reference points at the site are mapped as well.

7.0 Closure Request

Vertex recommends no additional remediation action to address the release at the site. Laboratory analyses of confirmation samples collected show final confirmatory values below NMOCD closure criteria for areas where depth to groundwater is between 51 and 100 feet bgs with the top four feet meeting the reclamation requirements of 19.15.29.13 NMAC. There are no anticipated risks to human, ecological, or hydrological receptors at the release site.

The remediation area that encompasses every open release was horizontally delineated through five-point composite confirmation sampling. Vertical delineation to NMOCD's most stringent standards was not obtained due to the site meeting the requirements of NMOCD's 51-100 feet closure criteria. The releases did meet the 10,000 mg/l requisite, however, the depth to groundwater is greater than 55 feet bgs and the releases resulted in a total of 23 bbl. of unrecovered produced water, which is less than the 200-bbl. requirement. Therefore, the site did not require vertical delineation to NMOCD's strictest closure criteria.

The excavation was backfilled with non-waste-containing, uncontaminated, earthen material, sourced locally, and placed to meet the site's existing grade to prevent water ponding and erosion.

Vertex requests that these incidents be closed as all closure requirements set forth in Subsection E of 19.15.29.12 NMAC have been met. EOG certifies that all information in this report and the attachments are correct and that they have complied with all applicable closure requirements and conditions specified in Division rules and directives to meet NMOCD requirements to obtain closure on the releases.

Should you have any questions or concerns, please do not hesitate to contact Chance Dixon at 575.988.1472 or cdixon@vertex.ca.

8.0 References

Google Inc. (2022). Google Earth Pro (Version 7.3.3) [Software]. Retrieved from https://earth.google.com

- New Mexico Bureau of Geology and Mineral Resources. (2023). *Interactive Geologic Map*. Retrieved from https://maps.nmt.edu/
- New Mexico Department of Surface Water Quality Bureau. (2023). Assessed and Impaired Waters of New Mexico. Retrieved from https://gis.web.env.nm.gov/oem/?map=swqb
- New Mexico Energy, Minerals and Natural Resources Department. (2023). OCD Permitting Spill Search. Retrieved from https://wwwapps.emnrd.nm.gov/ocd/ocdpermitting/Data/Spills/Spills.aspx
- New Mexico Mining and Minerals Division. (2023). *Coal Mine Resources in New Mexico*. Retrieved from https://nmemnrd.maps.arcgis.com/apps/webappviewer/index.html?id=5f80f3b0faa545e58fe747cc7b037a93
- New Mexico Office of the State Engineer. (2023a). Point of Diversion Location Report New Mexico Water Rights Reporting System. Retrieved from http://nmwrrs.ose.state.nm.us/nmwrrs/wellSurfaceDiversion.html
- New Mexico Office of the State Engineer. (2023b). Water Column/Average Depth to Water Report New Mexico Water Rights Reporting System. Retrieved from http://nmwrrs.ose.state.nm.us/nmwrrs/waterColumn.html
- New Mexico Office of the State Engineer. (2023c). Well Log/Meter Information Report New Mexico Water Rights Reporting System. Retrieved from http://nmwrrs.ose.state.nm.us/nmwrrs/meterReport.html
- New Mexico Oil Conservation Division. (2018). *New Mexico Administrative Code Natural Resources and Wildlife Oil and Gas Releases*. Santa Fe, New Mexico.
- United States Department of Agriculture, Natural Resources Conservation Service. (2023). *Web Soil Survey*. Retrieved from https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx
- United States Department of Homeland Security, Federal Emergency Management Agency. (2023). FEMA Flood Map Service: Search by Address. Retrieved from https://msc.fema.gov/portal/search?AddressQuery=malaga% 20new%20mexico#searchresultsanchor
- United States Department of the Interior, Bureau of Land Management. (2018). *New Mexico Cave/Karst*. Retrieved from https://www.nm.blm.gov/shapeFiles/cfo/carlsbad_spatial_data.html
- United States Geological Survey. (2023). National Water Information System: Web Interface. Retrieved from https://waterdata.usgs.gov/nwis
- United States Fish and Wildlife Service. (2023). National Wetland Inventory Surface Waters and Wetlands. Retrieved from https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/

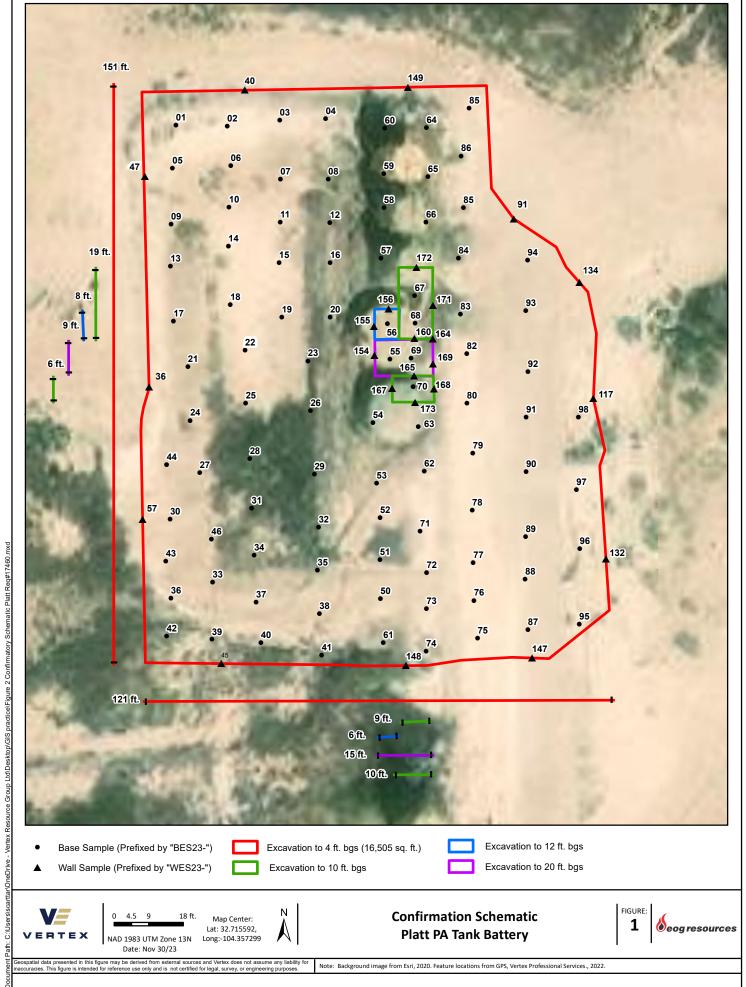
9.0 Limitations

This report has been prepared for the sole benefit of EOG Resources, Inc. This document may not be used by any other person or entity, with the exception of the New Mexico Oil Conservation Division and the Bureau of Land Management, without the express written consent of Vertex Resource Services Inc. (Vertex) and EOG Resources, Inc. Any use of this report by a third party, or any reliance on decisions made based on it, or damages suffered as a result of the use of this report are the sole responsibility of the user.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the assessment. Due to the nature of the assessment and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

FIGURE





TABLE

Client Name: EOG Resources, Inc.

Site Name: Platt PA Battery

NMOCD Tracking #: NKMW0800950646 Project #: 22E-00123-14

Lab Reports: 2207B23, 2207816, 2207924, 2207925, 2207A21, 2302930, 2303C36, 2303C82, 2303D76, 2303D20, 2304077 and 2304260, H235428, H235454, H235578, H235721, H235720, H235873, H235953, H236028, H236154 Table 3. Confirmatory Sample Field Screen and

and Laboratory Results - Depth to Groundwater 51-100 feet bgs

	Table 3. Confirmatory Sample Field Screen and Laboratory Results - Depth to Groundwater 51-100 feet bgs Sample Description Field Screening Petroleum Hydrocarbons												
5	ample Descrip	otion	FI	ela Screeni	ng	Vol	atile	-		Extractable			Inorgania
Sample ID	Depth (ft)	Sample Date	() Volatile Organic Compounds (PID)	 Extractable Organic Compounds (PetroFlag) 	(mdd) (mdd) (mdd)	auazua gua gua gua gua gua gua gua gua gua g	anne BTEX (Total) (ga/kg)	행 Gasoline Range Organics (영) (GRO)	(없 A) (회) (회) (회) (회) (회)	(mg/kg) (MRO) Organics (ganics	(OXO + OXO) (mg/kg)	명 Total Petroleum 영제 Hydrocarbons (TPH)	Inorganic Chloride Concentration Chloride (mg/kg)
BES23-01	4	2023-02-20	-	404	421	ND	ND	ND	15	ND	15	15	270
BES23-02	4	2023-02-20	-	419	838	ND	ND	ND	20	50	20	70	540
BES23-03	4	2023-02-20	-	474	203	ND	ND	ND	25	50	25	75	76
BES23-04	4	2023-02-20	-	1380	4009	ND	ND	ND	110	210	110	320	3000
BES23-05	4	2023-02-20	-	350	482	ND	ND	ND	23	81	23	104	210
BES23-06 BES23-07	4	2023-02-20 2023-02-20	-	2350 2210	9094 5481	ND ND	ND ND	ND ND	74 510	120 910	74 510	194	6900 6200
BES23-07 BES23-08	4	2023-02-20	-	2420	2065	ND	ND	ND	270	570	270	1420 840	2400
BES23-09	4	2023-02-20	-	2450	5153	ND	ND	ND	140	310	140	450	5200
BES23-10	4	2023-02-20	-	2030	6582	ND	ND	ND	170	280	170	450	5300
BES23-11	4	2023-02-20	-	2120	7964	ND	ND	ND	170	250	170	420	5000
BES23-12	4	2023-02-20	-	1840	6155	ND	ND	ND	200	320	200	520	5200
BES23-13	4	2023-02-20	-	1760	5654	ND	ND	ND	79	120	79	199	5900
BES23-14 BES23-15	4	2023-02-20 2023-02-20	-	1270 2440	5852 5145	ND ND	ND ND	ND ND	80 74	110 160	80.00 74.00	190.00 234.00	5000 10000
BES23-15 BES23-16	4	2023-02-20	-	2440	9414	ND	ND	ND	160	220	160.00	380.00	5200
BES23-17	4	2023-02-20	-	418	268	ND	ND	ND	13	ND	13.00	13.00	87
BES23-18	4	2023-02-20	-	511	134	ND	ND	ND	29	68	29.00	97.00	62
BES23-19	4	2023-02-20	-	427	191	ND	ND	ND	21	57	21.00	78.00	99
BES23-20	4	2023-02-20	-	489	125	ND	ND	ND	18	ND	18.00	18.00	77
BES23-21	4	2023-03-22	-	349	2571	ND	ND	ND	93	120	93.00	213.00	2400
BES23-22 BES23-23	4	2023-03-22 2023-03-22	-	401 658	2980 3499	ND ND	ND ND	ND ND	77 100	110 120	77.00	187.00 220.00	2400 3300
BES23-23	4	2023-03-22	-	614	5265	ND	ND	ND	170	200	170.00	370.00	5500
BES23-25	4	2023-03-22	-	378	5621	ND	ND	ND	100	120	100.00	220.00	5600
BES23-26	4	2023-03-22	-	493	5664	ND	ND	ND	190	190	190.00	380.00	5600
BES23-27	4	2023-03-22	-	83	5091	ND	ND	ND	ND	ND	ND	ND	5500
BES23-28	4	2023-03-22	-	796	6747	ND	ND	ND	220	220	220.00	440.00	6100
BES23-29 BES23-30	4	2023-03-22 2023-03-22	-	1200 30	1537 5122	ND ND	ND ND	ND ND	860 ND	620 ND	860.00 ND	1,480.00 ND	1200 5000
BES23-30 BES23-31	4	2023-03-22	-	143	2342	ND	ND	ND	ND	ND	ND	ND	2400
BES23-32	4	2023-03-27	-	26	1802	ND	ND	ND	ND	ND	ND	ND	1600
BES23-33	4	2023-03-27	-	13	1724	ND	ND	ND	ND	ND	ND	ND	1400
BES23-34	4	2023-03-27	-	269	2532	ND	ND	ND	12	ND	12.00	12.00	2400
BES23-35	4	2023-03-27	-	13	1811	ND	ND	ND	ND	ND	ND	ND	1400
BES23-36	4	2023-03-27	-	24	3461	ND	ND	ND	ND	ND	ND	ND	3100
BES23-37 BES23-38	4	2023-03-27 2023-03-27	-	28 61	2566 2893	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	1800 2200
BES23-38	4	2023-03-27	0	77	3225	ND	ND	ND	ND	ND	ND	ND	2500
BES23-40	4	2023-03-27	1	158	6627	ND	ND	ND	21	ND	21.00	21.00	9200
BES23-41	4	2023-03-27	1	40	5627	ND	ND	ND	ND	ND	ND	ND	6800
BES23-42	4	2023-03-31	-	-	-	ND	ND	ND	240	570	240.00	810.00	ND
BES23-43	4	2023-03-31	-	-	-	ND	ND	ND	250	590	250.00	840.00	ND
BES23-44 BES23-50	4	2023-03-31 2023-10-05	-	- 453	- 510	ND ND	ND ND	ND ND	230 22	590 ND	230.00 22	820.00 22	ND 208
BES23-50 BES23-51	4	2023-10-05	-	506	450	ND	ND	ND	11.2	ND	11.2	11.2	352
BES23-52	4	2023-10-05	-	310	775	ND	ND	ND	ND	ND	ND	ND	192
BES23-53	4	2023-10-05	-	1,209	250	ND	ND	ND	304	ND	377.8	378	2680
BES23-54	4	2023-10-06	-	965	2500	ND	ND	ND	420	ND	420	525	2400
BES23-55	20	2023-10-31	-	105	825	ND	ND	ND	ND	ND	ND	ND	1010
BES23-56	12	2023-10-31	-	414	925	ND	1.45	40.2	692	95.1	732.2	827	1010
BES23-57	4	2023-10-06	-	158	300	ND	ND	ND	ND	ND	ND 82.2	ND	16
BES23-58	4	2023-10-06	-	292 579	200 250	ND ND	ND ND	ND ND	82.2	19.4 94.7	82.2 229	102 324	64 160
BES23-59 BES23-60	4	2023-10-06 2023-10-06	-	337	250	ND ND	ND ND	ND ND	229 ND	94.7 ND	229 ND	324 ND	48
BES23-60 BES23-61	4	2023-10-00	-	839	1975	ND	ND	ND	137	75.9	137	213	2000
BES23-61 BES23-62	4	2023-10-00	-	772	7725	ND	ND	ND	35.7	ND	35.7	36	7600
BES23-62	4	2023-10-06	-	608	3688	ND	ND	ND	188	60.2	188	248	5680
BES23-64	4	2023-10-12	-	1,269	655	ND	ND	ND	262	196	262	458	512
BES23-65	4	2023-10-12	-	967	550	ND	ND	ND	75.2	34	75.2	109.2	512
BES23-66	5	2023-10-12	-	1,102	263	ND	ND	ND	256	39.7	256	295.7	208



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Table 3. Confirmatory Sample Field Scre			een and La	Laboratory Results - Depth to Groundwater 51-100 feet bgs									
S	Sample Description Field Screening		ng			Petroleum Hydrocarbons							
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Chloride Chloride Chloride Chloride
			(ppm)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
BES23-67	10	2023-10-30	4	60	2872	ND	ND	ND	19.2	ND	ND 425	ND	480
BES23-68 BES23-69	10 20	2023-10-30 2023-10-30	109 60	630 500	2,473 2,027	ND ND	0.546	19.1 21	374 335	61 53	435 388	454 409	464 2080
BES23-69 BES23-70	10	2023-10-30	6	20	3,338	ND	0.801 ND	ND	ND	ND	ND	403 ND	1720
BES23-71	4	2023-10-12	-	233	1,750	ND	ND	ND	98.5	31.7	98.5	130.2	4640
BES23-72	4	2023-10-12	-	517	7,750	ND	ND	ND	52	49.6	52	101.6	8100
BES23-73	4	2023-10-12	-	1,130	1,600	ND	ND	ND	41.1	17	41.1	58.1	1600
BES23-74	4	2023-10-12	-	800	475	ND	ND	ND	186	153	186	339	288
BES23-75	4	2023-10-12	-	460	3255 2600	ND ND	ND ND	ND ND	21.3 27.5	ND ND	21.3 27.5	ND ND	3520 2520
BES23-76 BES23-77	4 5	2023-10-12 2023-10-12	-	600 65	3500	ND ND	ND ND	ND ND	27.5 ND	ND ND	27.5 ND	ND ND	3420
BES23-77 BES23-78	4	2023-10-12	-	186	5000	ND	ND	ND	ND	ND	ND	ND	4880
BES23-78	4	2023-10-12	-	636	7875	ND	ND	ND	157	51.6	157	208.6	7800
BES23-80	4	2023-10-12	-	1,257	2,125	ND	ND	ND	582	340	582	922	1840
BES23-82	4	2023-10-31	-	149	3,075	ND	ND	ND	ND	ND	ND	ND	3120
BES23-83	4	2023-10-31	-	194	350	ND	ND	ND	ND	ND	ND	ND	192
BES23-84	4	2023-10-31	-	246	925	ND	ND	ND	ND	ND	ND	ND	912
BES23-85 BES23-86	4	2023-10-31 2023-10-31	-	340 264	750 825	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	640 560
BES23-80 BES23-87	4	2023-10-31	-	113	250	ND	ND	ND	ND	ND	ND	ND	112
BES23-88	4	2023-10-31	-	251	1000	ND	ND	ND	ND	ND	ND	ND	976
BES23-89	4	2023-11-01	-	379	1000	ND	ND	ND	ND	ND	ND	ND	800
BES23-90	4	2023-11-01	-	445	800	ND	ND	ND	ND	ND	ND	ND	832
BES23-91	4	2023-11-01	-	278	900	ND	ND	ND	ND	ND	ND	ND	800
BES23-92	4	2023-11-01	-	411	625	ND	ND	ND	ND	ND	ND	ND	624
BES23-93	4	2023-11-01 2023-11-01	-	137 1,148	675 1,175	ND ND	ND ND	ND ND	ND 93.4	ND 73.5	ND 93.4	ND 166.9	256 1460
BES23-94 BES23-95	4	2023-11-01	-	87	375	ND	ND	ND	93.4 ND	ND	93.4 ND	ND	432
BES23-96	4	2023-11-01	-	173	275	ND	ND	ND	ND	ND	ND	ND	48
BES23-97	4	2023-11-01	-	174	725	ND	ND	ND	ND	ND	ND	ND	768
BES23-98	4	2023-11-01	-	58	800	ND	ND	ND	ND	ND	ND	ND	768
WES23-35	0-4	2023-03-22	0	16	835	ND	ND	ND	ND	ND	ND	ND	64
WES23-36 WES23-40	0-4	2023-03-22 2023-03-23	0	10 12	738 650	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	64 ND
WES23-40	0-4	2023-03-23	ND	33	244	ND	ND	ND	ND	ND	ND	ND	68
WES23-47	0-4	2023-03-27	0	2	508	ND	ND	ND	ND	ND	ND	ND	ND
WES23-57	0-4	2023-04-04	0	27	174	ND	ND	ND	ND	ND	ND	ND	ND
WES23-91	0-4	2023-10-04	-	-	-	ND	ND	ND	ND	ND	ND	ND	32
WES23-132	0-4	2023-10-10	-	63	373	ND	ND	ND	ND	ND	ND	ND	48
WES23-134	0-4	2023-10-06	-	60	500	ND	ND	ND	ND	ND	ND	ND	32
WES23-147 WES23-148	0-4 0-4	2023-10-06 2023-10-06	-	134 52	300 275	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	112 32
WES23-148 WES23-149	0-4	2023-10-06	-	82	550	ND	ND	ND	42.4	21.7	42.2	64.1	544
WS23-154	4-14	2023-10-07	-	-	-	ND	ND	ND	ND	ND	ND	ND	32
WS23-155	4-14	2023-10-17	-	-	-	ND	ND	ND	10.7	ND	10.7	10.7	64
WS23-156	14	2023-10-17	-	-	-	ND	ND	ND	ND	ND	ND	ND	80
WES23-160	0-14	2023-10-23	-	456	375	ND	ND	ND	13.9	ND	ND	ND	448
WES23-164	0-20	2023-10-31	-	1269	2563	ND	ND	ND	ND	ND	ND	ND	1230
WES23-167	4-10	2023-11-07	-	-	-	ND	ND	ND	15.9	ND	15.9	15.9	2080
WES23-168 WES23-169	4-10 4-10	2023-11-07 2023-11-07	-	-	-	ND ND	ND ND	ND ND	13.8 ND	ND ND	13.8 ND	13.8 ND	1,070 1,340
WES23-169 WES23-171	4-10 4-10	2023-11-07 2023-11-07	-	-	-	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	1,340 608
WES23-171 WES23-172	4-10	2023-11-07	-	-	-	ND	ND	ND	34.8	ND	34.8	34.8	608
WES23-172	4-10	2023-11-07	-	-	-	ND	ND	ND	137	30.9	137	167.9	1,500



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APPENDIX A - NMOCD C-141 Reports

e <u>Deiwedt</u> by C	CD: 12/2	8/2023 12:4	7:03 PM	<u> </u>	State (of New Me	, the second sec	A.		Page 18 of 3	
District II I301 W. Grane Avenue, Artesia, NM 88210 Energy Mine							Form C-14 Revised October 10, 200				
District [1]			10			ervation D				Submit 2 Copies to appropriat	
District IV 1220 S. St. Francis Dr. Santa Fe. NM 87505					0 Soi	ith St. Fran	cis Dr.	MAR	27 20	108 District Office in accordance with Rule 116 on bac	
Sai						Fe, NM 87		<u>OCD</u>	ARTE		
NKMU	<u> 1080</u>	09496	Rei 57	lease Notifi			orrective A	Action			
Name of C	ompany		<u>,,,,,</u>	OGRID Nu	PER mber	ATOR Contact	······································] Initia	al Report 🛛 🛛 Final Repor	
Yates Petro Address	oleum Cor	poration		25575		Robert Asher					
104 S. 4 TH						Telephone 505-748-14					
Facility Na Platt PA Ta		/		API Numbe 30-015-2390	-	Facility Ty Battery					
Surface Ow Fee	/ner		······	Mineral (State	Owner	· · · · · · · · · · · · · · · · · · ·			Lease 1	No.	
		,,,		— <u> </u>		ON OF RE				······································	
Unit Letter	Section	Township	Range	Feet from the		h/South Line	Feet from the	East/We	st Line	County	
К	16	185	26E						ar cure	Eddy	
			**************************************	Latitude 32	71561	Longitude	104.35672	<u> </u>		l	
						C OF RELI					
Type of Relea Produced Wa						Volume of		V	olume R	lecovered	
Source of Rel			<u> </u>		<u> </u>	30 B/PW 26 B/PW Date and Hour of Occurrence Date and Hour of Discovery				Hour of Discourse	
Water Pump Was Immedia	te Notice G	iven?				1/6/2007 AM Date and Hour of Discovery If YES, To Whom? 1/6/2007 AM					
		\boxtimes	Yes 🗌	No 🗌 Not Re	quired		ver/NMOCD				
By Whom? Jerry Fanning,	YPC Envi	ronmental				Date and He			·····		
Was a Waterco	ourse Reacl	ned?	Vac 🖂	NI-		1/6/2007, 9:30 AM (VM); 1/8/2007, 9:19 AM (EM) If YES, Volume Impacting the Watercourse.					
f a Watercour	se was Imp	acted, Descrit	Yes 🛛 be Fully.*	INO	- <u></u>	N/A					
V/A Describe Caus	e of Proble	n and Remed	ial Action	Taken *							
ransition blev	v out on dis	charge side o	f the water	r pump. Fluids w	ere con	tained within t	berm. Vacuum tr	uck called			
Describe Area	Affected ar	d Cleanup Ad	tion Take	*					h. 1		
n approximat orizontal delii	e area of 30 reation, bas)' X 40'. Wel ed on sample	ls and pur results Ya	np shut down, rep ites will submit w	oairs ma	ade, standing fl	uids vacuumed u	p. Will sa	mple to a	determine vertical and ated soils have been	
cavated and i	taken to an	OCD approve	d facility.	sampling was co	nducted	d on 2/22/2008	& 3/18/2008. D	closure. C epth to Gr	ontamin ound W	ated soils have been (ater: 50-99', Wellhead	
etroleum Cor	poration r	equests closu	re.	г воау: >1000', S	SITE R	ANKING IS	10. Based on enc	losed info	rmation.	ater: 50-99', Wellhead /documentation, Yates	
nereby certify	that the inf	ormation give	n above is	s true and comple	te to th	e heet of my kr	outodoo	· · · · · · · · · · · · · · · · · · ·		ant to NMOCD rules and	
gulations all c blic health or	perators are	e required to i	eport and	or file certain relation	ease no	tifications and	perform correctiv	ve actions f	at pursua for releas	ant to NMOCD rules and ses which may endanger	
ould their one	erations hav	e failed to ade	ouotely in	viortionte and	by alc	MMOCD mari	ted as "Final Rep	ort" does n	ot reliev	e the operator of liability	
the environm leral, state, or	ent. In add local laws	ition, NMOC and/or regula	D acceptai	nce of a C-141 rej	port do	es not relieve t	he operator of res	ponsibility	for com	urface water, human health pliance with any other	
gnature: Collo						OIL CONSERVATION DIVISION					
rinted Name: Robert Asher						Approved by District Supervisor:					
le: Environme	ental Regula	atory Agent	***		Δ.						
nail Address:						Approval Date: Expiration Date: Conditions of Approval:			e:		
te: Friday, Ma	rch 28, 200	8 01	1000er 505-	748-1471			▶ - ·	Attached			
ich Addition	al Sheets	If Necessary		/ +0=14/1					<u> </u>		

Received by OCD: 12/28/2023 12:47:03 PM Form C-141 State of New Mexico

Oil Conservation Division

	Page 19 of 39
Incident ID	nKMW0800949657
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?	>55 (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. \checkmark Field data
- \checkmark Data table of soil contaminant concentration data
- $\overline{\mathbf{\nabla}}$ Depth to water determination
- Determination of water sources and significant watercourses within ½-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.

	23 12:47:03 PM State of New Mexic	0	Page 20 of				
			Incident ID	nKMW0800949657			
Page 4	Oil Conservation Di		District RP				
			Facility ID				
			Application ID				
public health or the environm failed to adequately investiga addition, OCD acceptance of and/or regulations.	required to report and/or file certain relea nent. The acceptance of a C-141 report b the and remediate contamination that pose a C-141 report does not relieve the opera Settle	y the OCD does not relieve t a threat to groundwater, sun ntor of responsibility for com	he operator of liability sh face water, human health	nould their operations have n or the environment. In ederal, state, or local laws			
Printed Name: Chase Signature: Chase email: Chase_Settle(Settle Deogresources.com	Date: <u>12/7/202</u> Telephone: <u>575</u>					

Page 6

Oil Conservation Division

Incident ID	nKMW0800949657
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

<u>Closure Report Attachment Checklist</u>: 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)

 \square 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: Chase Settle	Title: Rep Safety & Environmental Sr				
Signature: Chase Settle	Date: 12/7/2023				
email: <u>Chase_Settle@eogresources.com</u>	Telephone: <u>575-703-6537</u>				
OCD Only					
Received by:	Date:				
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:				

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District 1 1625 N. French	Dr., Hobbs.	NM 88240				New Mex		}		F	Form C-14	
District II 1301 W. Grand			0	Energy Minerals and Natural Resources					Revised October 10, 200			
<u>District III</u> 1000 Rio Brazo	s Road, Azte	ec, NM 87410				rvation Di				Submit 2 Copies to District Office in	o appropria	
District IV 1220 S. St. Frai	icis Dr., San	ta Fe, NM 8750	5	1220 South St. Francis Dr.						with Rule	116 on ba side of for	
		, 				e, NM 875					5100 01 101	
			Kel				orrective A	ction	_			
Name of Co		······		OGRID Nur		ATOR Contact	****		Initia	al Report 🛛 I	Final Repo	
Yates Petro		ooration		25575		Robert Ash						
Address 104 S. 4 TH S	Street					Telephone 1 505-748-14						
Facility Name API					r	Facility Typ						
Platt PA Ta	nk Battery	/				Battery						
Surface Ow Fee	ner			Mineral (State	Owner				Lease]	No.		
	·					N OF REI	LEASE					
Unit Letter K	Section 26	Township 18S	Range 26E	Fect from the	North	/South Line	Feet from the	East/Wo	est Line	County Eddy	t	
	r			Latitude <u>32</u> .	.71561	_ Longitude	e <u>104.35672</u>	F				
				NAT	TURE	OF RELI	EASE					
Type of Relea Produced Wa						Volume of 40 B/PW	Release			Recovered		
Source of Re						Date and Hour of Occurrence Date and Hour of Discovery				••••••••••••••••••••••••••••••••••••••		
Water Tank Was Immedia	nte Notice (Yes 🗌	No 🗌 Not Ro	equired	6/23/2007			5/23/2007	7 AM		
By Whom?						Date and H					17.2	
Robert Asher						7/5/2007, 1	0:39 AM (VM); ' lume Impacting t	7/5/2007,	10:47 AN	M (EM)		
			Yes 🖂		····	N/A	aune mpacing i	ne watero	ourse.			
lf a Watercou N/A	rse was Imj	pacted, Descri	be Fully.*						•			
Describe Caus Bad transform					uppe pot	to staut and a	11 a	1		ids were contained w		
Vacuum truck	called	ator pump pa		using the water p	unh nor	to start and a	nowing water tan	k to over	run, Flui	ids were contained w	ithin berm	
Describe Area	Affected a	ind Cleanup A	ction Tak	en.*								
An approxima	ite area of 3	0' X 40', We	lls shut do	own, repairs made	e, standi	ng fluids vacu	umed up. Vertic	al and hor	rizontal d	elineation will be ma	ade and	
RANKING I	on taken. I S 10. Base	d on enclosed	und Wate informat	r: 50-99', Wellin tion, Yates Petro	ead Pro deum C	tection Area: orporation re	: No, Distance to equests closure.	Surface	Water B	ody: >1000', SITE		
						-	-		<u></u>	uant to NMOCD rule	······	
regulations all	operators a	are required to	report and	d/or file certain re	elease no	otifications an	d perform correct	ive action	is for rele	eases which may end	anger	
public health o should their or	or the enviro perations ba	onment. The	acceptance dequately	e of a C-141 repo	rt by the	NMOCD ma	urked as "Final Re	port" doe	s not relie	eve the operator of li , surface water, huma	ability	
or the environ	ment. In ac	dition, NMO	CD accept	ance of a C-141 r	eport do	es not relieve	the operator of r	esponsibil	ity for co	mpliance water, huma	an health	
federal, state,	or local law	/s and/or regul	ations.				OIL CONS	TDVA		DIVISION		
Signature:	620	M()					<u>OIL CONS</u>	<u>DERVA</u>	TION .	DIVISION		
Printed Name:	Robert Asl	her			4	Approved by [District Superviso	r:				
l'itle: Environi	mental Reg	ulatory Agent				Approval Date	:	Exp	piration E	Date:		
E-mail Addres	s: boba@yj	pcnm.com	·····		c	Conditions of A	Approval:			Attached		
Date: Tuesday				505-748-1471			· * *!!/					
ttach Additi	onal Sheet	ts If Necessa	ry –							·····		

Received by OCD: 12/28/2023 12:47:03 PM Form C-141 State of New Mexico

Oil Conservation Division

	Page 23 of 390
Incident ID	nKMW0800950646
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No
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Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
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	2023 12:47:03 PM State of New Mexico	h		Page 24 of
			Incident ID	nKMW0800950646
Page 4	Oil Conservation Divis	10 n	District RP	
			Facility ID	
			Application ID	
public health or the enviror failed to adequately investi addition, OCD acceptance and/or regulations.	e required to report and/or file certain releas nment. The acceptance of a C-141 report by gate and remediate contamination that pose of a C-141 report does not relieve the opera e Settle	v the OCD does not relieve a threat to groundwater, su tor of responsibility for con	the operator of liability shurface water, human health mpliance with any other for fety & Environmer	nould their operations have n or the environment. In ederal, state, or local laws
	e@eogresources.com	Telephone: 575		

Page 6

Oil Conservation Division

	Page 25 of 390	/
Incident ID	nKMW0800950646	
District RP		
Facility ID		

Application ID

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

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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: Chase Settle	Title: Rep Safety & Environmental Sr						
Signature: Chase Settle	Date: 12/7/2023						
email: Chase_Settle@eogresources.com	Telephone: <u>575-703-6537</u>						
OCD Only							
Received by:	Date:						
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:						

eived by O	CD: 12/28	<mark>8/2023 12:4</mark> %	7:03 PM					مەلىرى	<		Page 26 of 3		
istrict I 525 N. French	Dr., Hobbs, i	NM 88240				of New Mexico					Form C-141		
	Avenue, Arte	esia, NM 88210	•			als and Natural Resources				Revised October 10, 2003 Submit 2 Copies to appropriate			
<u>istrict III</u>)00 Rio Brazo	s Road, Azteo	c, NM 87410				servation Division outh St. Francis Dr.					Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back		
<u>istrict IV</u> 220 S. St. Fran	icis Dr., Santa	a Fe, NM 87505	5		· · ·		NM 875				side of form		
			Rele	ase Notifi					ction				
				0	PERA	43	ror		[] Initial	Report 🛛 Final Repor		
Name of Co				OGRID Nui		С	Contact						
Yates Petro Address	leum Corp	oration		25575			lobert Ashe `elephone `l						
104 S. 4 TH :						5	05-748-14	71			······································		
Facility NameAPI NumberPlatt PA Tank Battery30-015-23906							acility Typ attery	e					
Surface Ow Fee	/ner			Mineral (State	Owner					Lease N	ło.		
				LOC	ATIO	N	OF RE	LEASE					
Unit Letter K	Section 26	Township 18S	Range 26E	Feet from the	North	h/S	South Line	Feet from the	East/V	Vest Line	County Eddy		
		1	I	Latitude <u>32</u>	.71561		Longitude	<u>104.35672</u>			1		
				NAT	TURE	C (OF REL						
Fype of Rele Produced W						Volume of Release 10 B/PW				Volume Recovered 8 B/PW			
Source of Re	elease					Date and Hour of Occurrence Date and			Hour of Discovery				
Heater Treat Was Immedi			Yes [] No 🛛 Not R	Lequired	1	7/2/2007 A If YES, To N/A			11212001	AM		
By Whom?	<u>,</u>						Date and I- N/A	lour		nde-1648			
N/A Was a Water	course Rea]Yes 🗵	1 No		If YES, Volume Impacting the Watercourse.							
lf a Waterco N/A	urse was Im	pacted, Descr						and y ad A 1999 P					
Describe Ca	use of Probl tube plate fr	lem and Reme om corrosion	dial Actio on heater	n Taken.* treater. Fluids w	ere cont	tai	ned within b	erm. Vacuum tr	uck calle	d.			
Describe Ar	ea Affected	and Cleanup	Action Tal	ken.*									
An approxin	nate area of nd facility. ` Area: No, D	35' X 8'. We Vertical and h Distance to Su	ells shut do	own, repairs made felineation will b	e made	an	id corrective	action taken. D	epth to (Ground W	ated and hauled to an OCD ater: 50-99', Wellhead ion, Yates Petroleum		
regulations a public health should their or the enviro	all operators or the envi operations f onment. In a	are required to ironment. The nave failed to addition, NMC	to report and e acceptane adequately OCD accept	nd/or file certain ce of a C-141 rep / investigate and	release ort by t remedia	no he ate	tifications a NMOCD m contaminat	nd perform corre arked as "Final H ion that pose a th	ctive act Report" d reat to gi	ions for rel loes not rel round wate	suant to NMOCD rules and eases which may endanger ieve the operator of liability r, surface water, human health compliance with any other		
federal, state, or local laws and/or regulations.						OIL CONSERVATION DIVISION							
	1-20	Signature: SUM J.							Approved by District Supervisor:				
Signature:	e: Robert A	sher				ŀ	Approved by	District Supervi	sor:				
Signature: Printed Nar		sher gulatory Age	nt				Approved by Approval Da			Expiration	Date:		
Signature: Printed Nam Title: Enviro	onmental Re		nt			A		te:		Expiration	Date:		

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Received by OCD: 12/28/2023 12:47:03 PM Form C-141 State of New Mexico

Oil Conservation Division

	Page 27 0J 33
Incident ID	nKMW0800950937
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>>55</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. \checkmark Field data
- \checkmark Data table of soil contaminant concentration data
- $\mathbf{\nabla}$ Depth to water determination
- Determination of water sources and significant watercourses within ½-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.

Received by OCD: 12/28/2023 12:47:03 PM Form C-141 State of New Me:		0	Page 28 of 3			
			Incident ID	nKMW0800950937		
Page 4	Oil Conservation Divis	\$10 n	District RP			
			Facility ID			
			Application ID			
public health or the environm failed to adequately investiga addition, OCD acceptance of and/or regulations. Printed Name:Chase	required to report and/or file certain relea nent. The acceptance of a C-141 report b ate and remediate contamination that pose f a C-141 report does not relieve the opera- Settle	y the OCD does not relieve the a threat to groundwater, sur ator of responsibility for com	ne operator of liability sh face water, human health pliance with any other fe ety & Environmer	nould their operations have or the environment. In ederal, state, or local laws		
Signature: <u>Chase</u> and <u>Chase</u> and <u>Chase</u> and <u>Chase</u> and <u>Chase</u> and <u>Settle</u>	e@eogresources.com	Telephone: <u>575-</u>				

Page 6

Oil Conservation Division

	Page 29 of 390	/
Incident ID	nKMW0800950937	
District RP		
Facility ID		

Application ID

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

<u>Closure Report Attachment Checklist</u>: 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)

 \square Description of remediation activities

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 Printed Name: Chase Settle
 Title: Rep Safety & Environmental Sr

 Signature:
 Chase Settle

 Base:
 12/7/2023

 email:
 Chase Settle@eogresources.com

 Telephone:
 575-703-6537

 OCD Only
 Date:

 Received by:
 Date:

 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:
 Date:

 Title:
 Date:

APPENDIX B – Releases During 1980s-1990s

NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

Page 31 of 390

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1

NAME OF	99 a. or									
OPERATOR	YATES	9 PETROLEUM	CORPORAT	CION	ADDRESS 105 Sc	o. 4th St	., Artes:	ia. NM	88210	
REPORT OF	FIRE	BREAK	SPILL	LEAK	BLOWOL	the second se	THER*			
TYPE OF	DRLG	PROD	TANK	PIPE	GÁSO	TOIL	OTHER*			
FACILITY NAME OF	WELL	WELL	ΒΤΤΥ Χ	LINE	PLNT	RFY				
FACILITY	Platt P				2. 					
TER SECTIO	N OR FOO	TY (QUARTE TAGE DESCR	R/QUAR-	Unit M,		SEC.	TWP.	RGE.	COUNT	Y
DISTANCE A	ND DIREC	TION FROM	NEAR-			26	185	26E	Eddy	
DATE AND H	R PROMIN	IENT LANDMA	RK App	roximatel	y 9 miles		t of Arte	esia, NM	1	
		ing 1-11-89	9			D HOUR	Pumper di	scovere	d when m	aking
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WHOM					DATE AND HOUI					
TYPE OF					QUANTIT		r	VOLUME		
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DID ANY FL A WATERCOU		CH YES	NO	QUANTI	TY		J-			
IF YES, DE		ULLY**	X					·····		
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DESCRIBE CA	USE OF F	PROBLEM AND	REMEDIA	L ACTION	TAKEN**					
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oil tra	nsferred	l from tank	35063 to	o tank 35	062 and 350	065.	110m Con	e)		
			•							1
DESCRIBE AR	EA AFFEC	TED AND CL	EANUP AC	TION TAKE	N**					
		р. С			ŧ					
0il wer	it into p	pit.								
DESCRIPTION										
DESCRIPTION OF AREA	F	ARMING	GRAZI		URBAN	ОТН	ER*			
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CUNDITIONS		x	DAM			WET	DR		SNOW	
DESCRIBE GE	NERAL CO	NDITIONS PI	REVAILING	(TEMPERA	TURE, PREC	CIPITATIO	DN, ETC.)	**	l	
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		AT THE		2 ¹						23
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TONTO	(- A								
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SPECIFY		**ATTACH	ADDITION	AL SHEETS	IF NECESS	ARY				Time
							•			d to
5 5					•					dSet
SPĘĆIFY										Released to Imaging: 12/29/2023
-										

NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

NAME OF					ADDOLLCC				
OPERATOR YAT	ES PETROLEUN	4 CORPC	RATION	ADDRESS 105 South 4th St., Artesia, NM 88210					
REPORT FI	RE BREA		SPILL	LEAK	BLOWOU			.51 a , M ¹	00210
OF		· ·		L LAK	A ANY CONTRACTOR AND ANY OFF		THER*		
	RLG PROD		ANK	PIPE	IGASO	TOIL	INTUC DA		
	LL WELL		TTY X	LINE	PLNT	RFY	OTHER*		
NAME OF				LINE	1.611				
FACILITY Pla	tt PA (Batte	ery)							
LOCATION OF F	ACILITY (OU)	ARTER/O	DUAR-			ICCC.	TTUD	1000	
TER SECTION O	R FOOTAGE DI	FSCRIPT	TION)	Unit M		SEC. 26	TWP.	RGE.	COUNTY
DISTANCE AND	DIRECTION FI	ROM NE				20	18S	26E	Eddy
EST TOWN OR P	ROMINENT LAN			Approx	9 milos co		C 1		
DATE AND HOUR		101 II AIN		ippiox.	9 miles so	utneast c	of Artes	ia, NM	88210
OF OCCURENCE		night	of 1-29	-89	DATE AN		9:30 AM	, 1-30-8	29
WAS IMMEDIATE		TNO	NOT R		OF DISCO	DVERY		, 1 00 0	
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BY	l	A	QUIRE	.U	TO WHOM	Not repo 4:35 PM	1 - 30 - 8	9.	uncll
	a Goodlett				DATE	Notified	NMOCD,	Artesia	, 4:50 PM
TYPE OF					AND HOUF	1-30	-89.		
FLUID LOST	Creation 11				QUANTITY			VOLUME	RE-
DID ANY FLUIDS	Crude oil				OF LOSS	80 bbls		COVERED	70 bbls
A WATERCOURSE		ES	NO	QUANTI	IΥ				
IF YES, DESCRI			X						
	DE TUELT								
					*				
					-				
DESCRIPE CAUSE		A.110							
DESCRIBE CAUSE	OF PROBLEM	AND RI	EMEDIAL	ACTION	TAKEN**				And the second se
DESCRIBE AREA	AFFECTED AND) CLEAN	NUP ACTI	ON TAKE	1**				
Use vacuum	truck to rec	cover o	il. Wi	ll use b	ackhoe to	clean ar	ea and	cover oj	l spill.
DESCRIPTION	FARMING						*	-	
DF AREA	1 AUGULIA		GRAZIN X	G	URBAN	OTHE	R*		
SURFACE	SANDY	SAN			1000				
UNDITIONS	XIIII			CLAY	ROCKY	WET	DI	RY	SNOW
ESCRIBE GENERA		S DDEW		TENDED	X			Х	
JE JENEIV		J FREV	AILING	(IEMPERA	TURE, PREC	IPITATIO	V, ETC.	**	
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IGNEQUE,	unita /	800	du XI	TITI			visor	DATE 1-	
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IGNED LL,	unita /	800	du XI	TITI			visor	DATE ¹⁻	

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Page 32 of 390

DISTRICT I P.O.Box 1980, Hobbs, NM 88241-1980 DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719 DISTRICT III 1000 Rio Brazos Rd, Aztec, NM 87410 State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION P.O. Box 2088

SUBMIT 2 COPIES TO APPROPRIATE DISTRICT OFFICE IN ACCORDANCE WITH RULE 116 PRINTED ON BACK SIDE OF FORM

Santa Fe, New Mexico 87504-2088

NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

OPERATOR												
OPERATOR TELEPHONE #												
Yates Petroleum Corporation 105 S. 4th, Artesia, NM (505) 748-1471										5) /48-14/1		
REPORT	FIRE	BREAK					÷	BLOWOUT	OTHE	I HER*		
OF					PIPE			OIL	OTHE	D*		
TYPE OF	DRLG	PROD	TA		LINE	PLN	128 C.	RFY				
FACILITY	WELL	WELL	[DI			114		KI I				
FACILITY NAME: Platt PA Tank Battery												
LOCATION OF FACILITY SEC. TWP. RGE. COUNTY												
Qu/Qu Sec. o			I (P	latt P	A #3 1	ocatio	n)	26	18S	26E	Eddy	
DISTANCE	AND DIRECT	ION FROM N	EARE	EST	•		÷					
TOWN OR PROMINENT LANDMARK 10 miles southeast of Artesia, NM												
DATE AND HOUR $P_{4-92} - 11:00$ AM												
OF OCCURRENCE Early morning of 8-4-92 OF DISCOVERY												
WAS IMME	DIATE	YES	NO		NOT RE		IF YES,	•				
NOTICE GIV	/EN?			X	QUIREI)	TO WHO	DM				
BY		***					DATE					
WHOM		• •					AND HO					
TYPE OF					16 .		QUANT			OLUME RE-	0	
FLUID LOST		e oil and	i pro		water		OFLOS			COVERED 2	•0	
1. 13-12.00.002 2007/0000000000000000000000000000000	LUIDS REACI	H YES		NO		QUANI	TTY	میں مریدی فر س				
A WATERC					X							
IF YES, DES	CRIBE FULL			• • •								
		محدیث و انتشویو محد با انتشار ا			• :		··· · · ·	•	care and			
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		· · .										
DESCRIBE	CAUSE OF PI	OBLEM AN	DREN	AEDIAL	ACTION	TAKEN**	*					
DESCIUDE	CAUGEOT	CODDLM THE										
			1		-	j.						
Line f	from sepa	rator to	gun	barre	l spru	ng lea	k and	leaked oil	and w	ater.	0.0 577	
Action t	aken was	to call	for	vacuu	m truc	k. Pi	.cked u	p approxim	nately	10 BO and	30 BW	
and put	in drain	-pit-P	itc	lamp o	n line	for n	low; pl	an to repl	ace at	a later o	late.	
		and put in drain pit. Put clamp on line for now; plan to replace at a later date.										
DESCRIBE	AREA AFFEC			TID A CTTT	ONTAVE							
DESCRIBE AREA AFFECTED AND CLEANUP ACTION TAKEN** Will have a backhoe on location 8-6-92 to build dike and cover up and clean area.												
Will hay							d dike	and cover	up an	d clean an	cea.	
	ve a back	hoe on 1	ocat	ion_8-	6-92 t		d dike.		up an	d clean an	cea.	
Some oil	ve a back /water se	hoe on 1 eped beh	ocat ind	ion 8- batter	6-92 t y.		d dike.		up an	d clean an	cea.	
Some oil	ve a back	hoe on 1 eped beh	ocat ind	ion 8- batter	6-92 t y.		d dike.		up an	d clean an	cea.	
Some oil	ve a back /water se	hoe on 1 eped beh	ocat ind	ion 8- batter	6-92 t y.		d dike.		up an	d clean an	cea.	
Some oil Pumper	ve a back /water se estimated	hoe on 1 eped beh 1 3 BO an	ocat ind d 7	ion <u>8</u> – batter BW los	6-92 t y.	o buil		and cover		d clean an	cea.	
Some oil Pumper	ve a back /water se estimated	hoe on 1 eped beh	ocat ind d 7	ion 8- batter	6-92 t y.			and cover		d clean an	cea.	
Some oil Pumper DESCRIPTI OF AREA	ve a back /water se estimated ON FA	hoe on 1 eped beh 1 3 BO an	ocat ind d 7	ion 8- batter BW los RAZING	6-92 t y. st.	o buil	٧	and cover	X			
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Page 33 of 390

APPENDIX C - Closure Criteria Determination Documentation

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pill Coo	rdinates:	X: 32.715484	Y: -104.357324
ite Spec	ific Conditions	Value	Unit
1	Depth to Groundwater	>55	feet
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	16,271	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	40,874	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	1,888	feet
5	 i) Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 	2,623	feet
	ii) Within 1000 feet of any fresh water well or spring	2,623	feet
6	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27- 3 NMSA 1978 as amended, unless the municipality specifically approves	No	(Y/N)
7	Within 300 feet of a wetland	7,996	feet
8	Within the area overlying a subsurface mine	No	(Y/N)
9	Within an unstable area (Karst Map)	Medium	Critical High Medium Low
10	Within a 100-year Floodplain	500	year
11	Soil Type	Reagan loam 0-1 s	lopes and 1 to 3 slope
12	Ecological Classification	Loamy	
13	Geology	Qp	
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	51-100'	<50' 51-100' >100'

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.

Project No.: 700438.242.01

Site Name: Kleeman PB Battery

Location: Eddy County, New Mexico

Date: 5/18/2021

TALON

Boring Number: B-1

Weather: Clear, Temp.: 75°F

Logger: D. Adkins

Field Instrument: NA

Latitude: 32.71559 N

Longitude: -104.35707 W

Driller: D. Londagin

Rig Type: Reich Drill

Bit Size: 5-7/8"

Drilling Method: Air Rotary

Sample Retrieval Method: Drill Cuttings

Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	NSCS	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
		0-10'				Light red/brown sandy Loam	<u>None</u> Slight Mod. Strong	
		10-15'				Light brown clayey fine Sand (SC) and caliche	<u>None</u> Slight Mod. Strong	
		15-35'				Gray to light gray sandy Clay (CL) with varying amounts of caliche.	<u>None</u> Slight Mod. Strong	
		35-55'				Light olive/gray to light red/brown fine Sand (SP)	<u>None</u> Slight Mod. Strong	
						TD 55'	None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
Surface Elevation:								

Page _____ of _____

Received by OCD: 12/28/2023 12:47:03 PM B-1 Distance

0.02 Miles (80 Feet)

Platt Release Area

B-1

Legend⁷ of 390

Feature 1

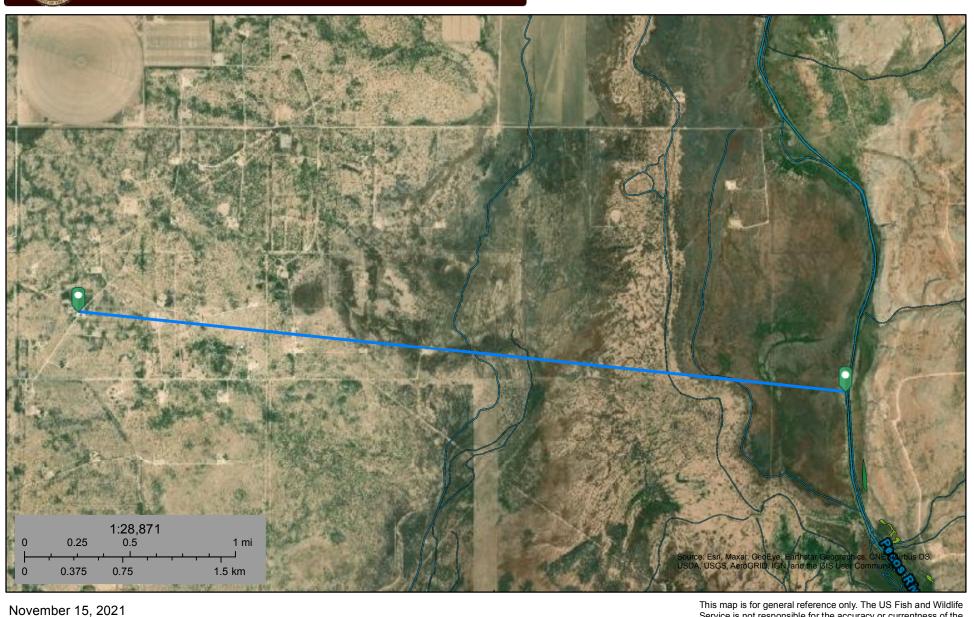
\$

80 ft

Released a maging: 12/29/2023 7.55:04 AM

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

Kleeman/Platt Battery



Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Forested/Shrub Wetland

Freshwater Emergent Wetland

Freshwater Pond

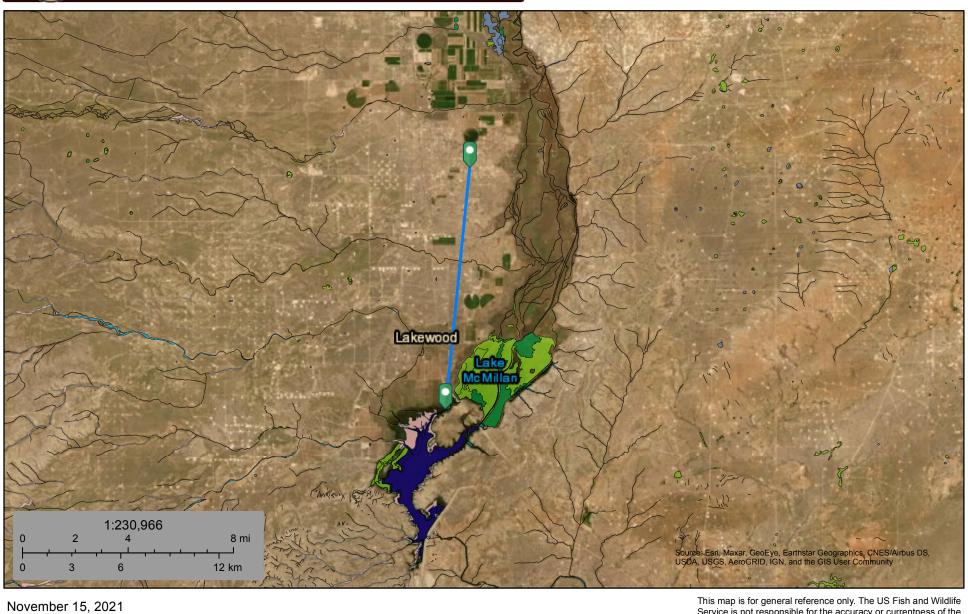
Lake Other Riverine Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

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

Received by OCD 12/28/2022 12.47.02 DM

U.S. Fish and Wildlife Service National Wetlands Inventory

Kleeman/Platt Battery



Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland Freshwater Forested/Shrub Wetland
- **Freshwater Pond**

Lake Other Riverine Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Page 39 of 390

Released to Imaging: 12/29/2023 7:55:04 AM



Received by OCD: 12/28/2023 12:47:03 PM Kleeman/Platt Battery

Dayton

distant.

All man

Nearest Town: Dayton, NM Distance: 1.95 miles (10,305 feet)

Alt a



44

41

43

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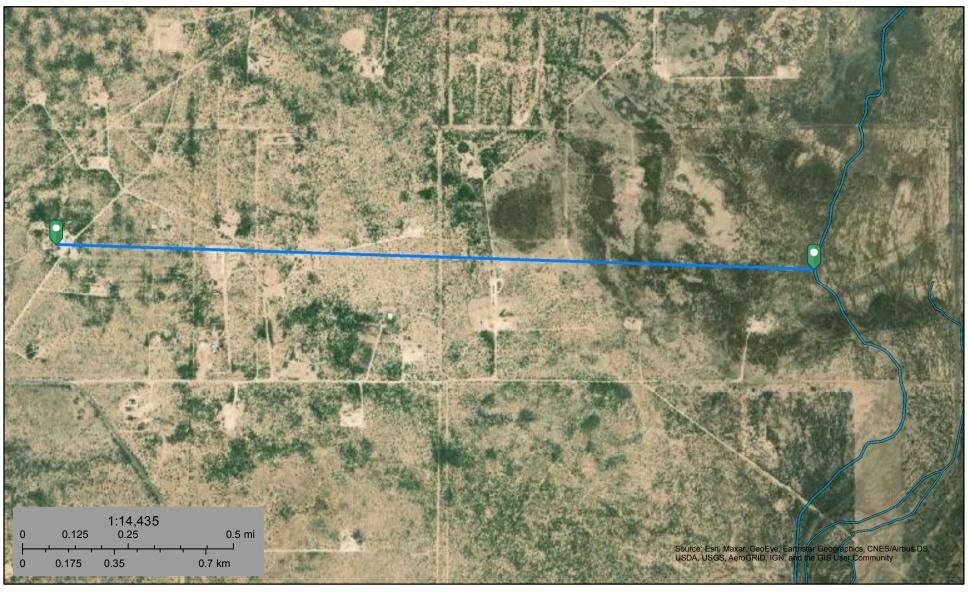
Kleeman/Platt Battery

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N

U.S. Fish and Wildlife Service National Wetlands Inventory

Kleeman/Platt Battery



November 15, 2021

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland Freshwater Forested/Shrub Wetland
- **Freshwater Pond**

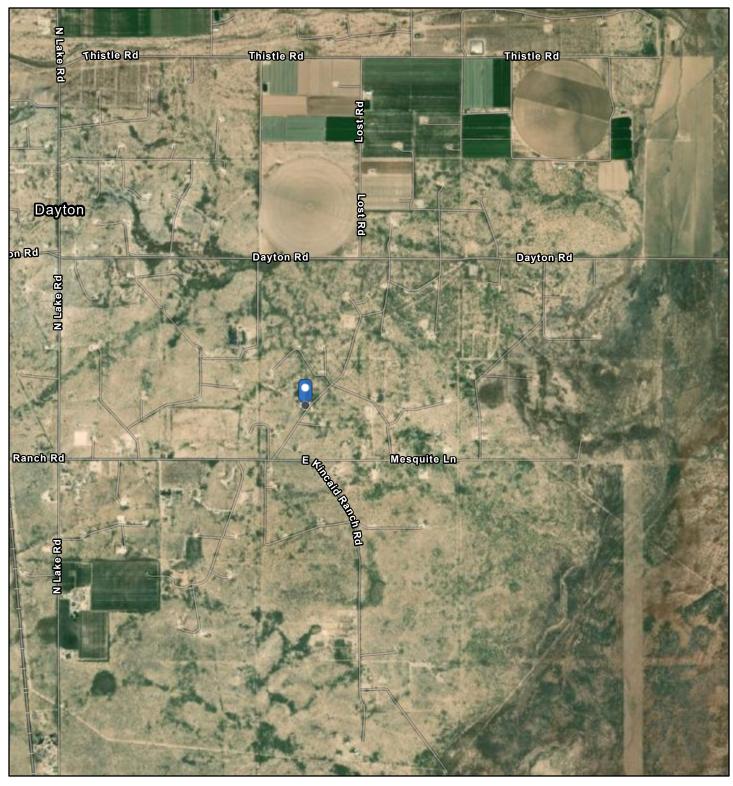
Lake Other Riverine

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

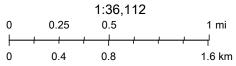
Released to Imaging: 12/29/2023 7:55:04 AM

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

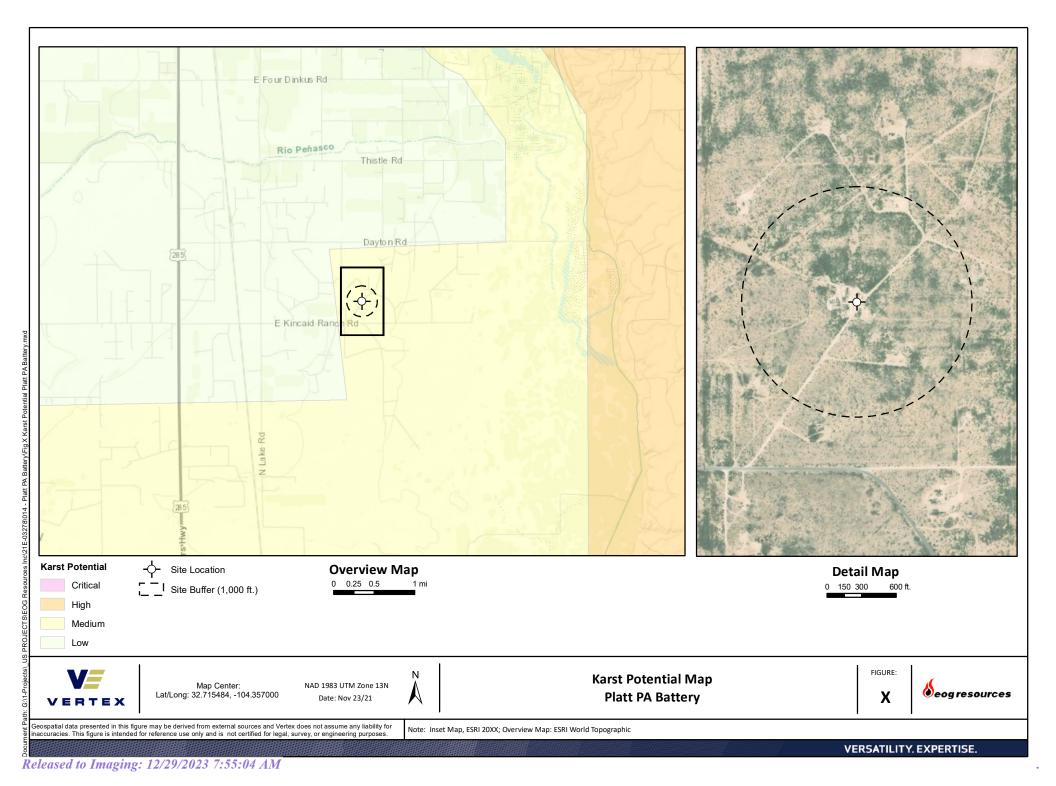
Kleeman/Platt Battery



11/15/2021, 4:13:18 PM



Maxar, New Mexico State University, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

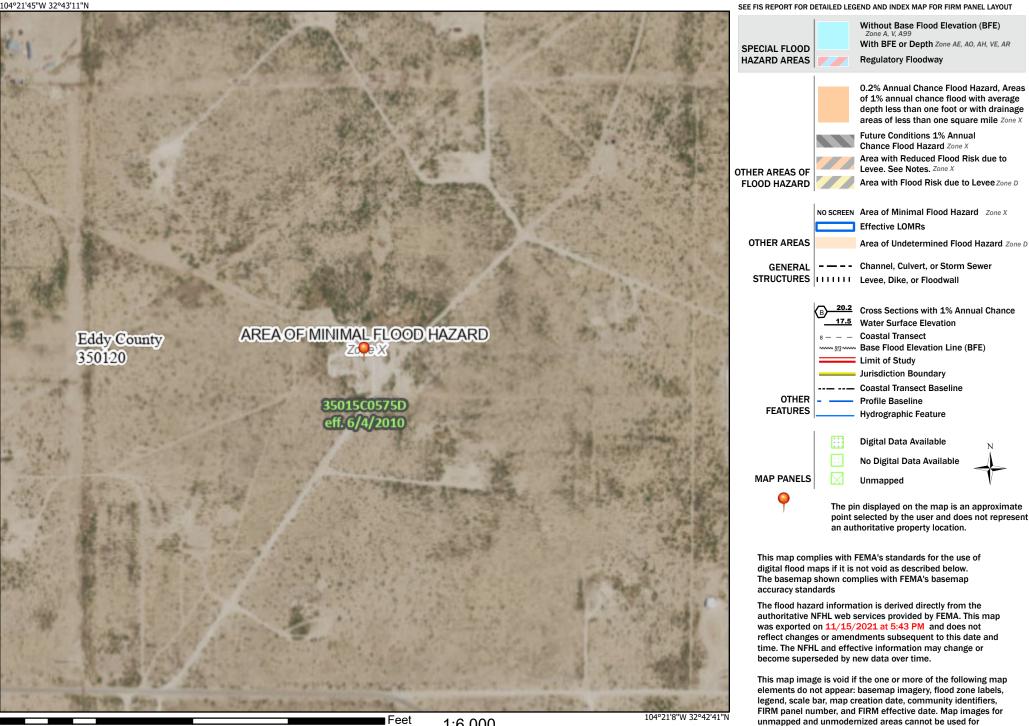


Received by OCD: 12/28/2023 12:47:03 PM National Flood Hazard Layer FIRMette



Legend

Page 45 of 390



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Feet 1:6.000 2.000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

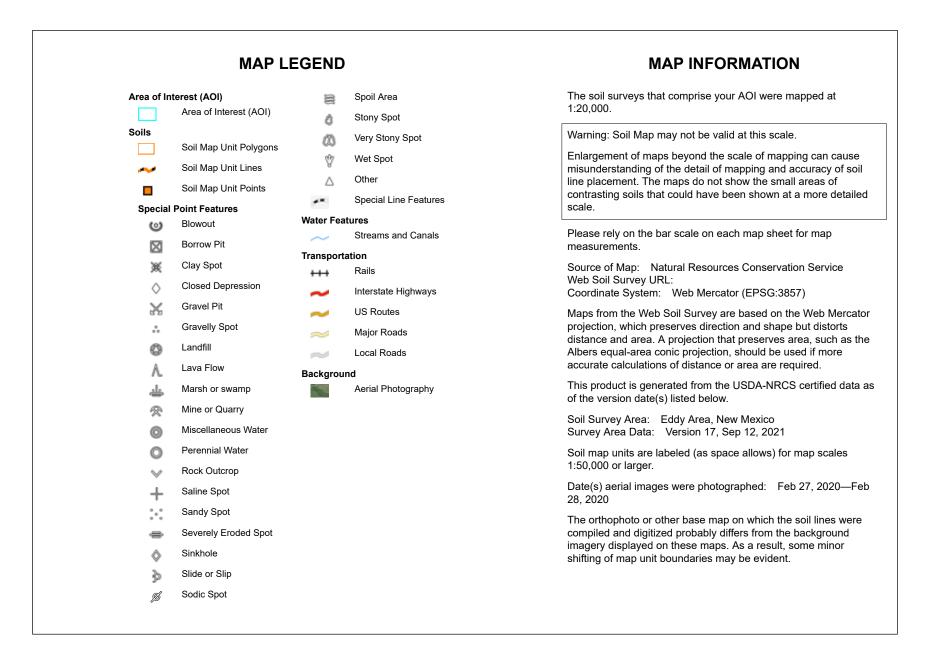
regulatory purposes.

Received by OCD: 12/28/2023 12:47:03 PM

Page 46 of 390



USDA Natural Resources Conservation Service Released to Imaging: 12/29/2023 7:55:04 AM Web Soil Survey National Cooperative Soil Survey 11/15/2021 Page 1 of 3



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Rc	Reagan loam, 0 to 1 percent slopes	4.1	92.2%
Rd	Reagan loam, 1 to 3 percent slopes	0.3	7.8%
Totals for Area of Interest		4.4	100.0%



Eddy Area, New Mexico

Rc-Reagan loam, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: 1w5l Elevation: 1,100 to 5,300 feet Mean annual precipitation: 7 to 15 inches Mean annual air temperature: 57 to 70 degrees F Frost-free period: 200 to 240 days Farmland classification: Farmland of statewide importance

Map Unit Composition

Reagan and similar soils: 97 percent Minor components: 3 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reagan

Setting

Landform: Fan remnants, alluvial fans Landform position (three-dimensional): Rise Down-slope shape: Convex, linear Across-slope shape: Linear Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam *H2 - 8 to 82 inches:* loam

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water
 (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 2e Land capability classification (nonirrigated): 6c Hydrologic Soil Group: B *Ecological site:* R042XC007NM - Loamy *Hydric soil rating:* No

Minor Components

Reeves

Percent of map unit: 1 percent Ecological site: R042XC007NM - Loamy Hydric soil rating: No

Reagan

Percent of map unit: 1 percent Ecological site: R042XC007NM - Loamy Hydric soil rating: No

Upton

Percent of map unit: 1 percent Ecological site: R042XC025NM - Shallow Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 17, Sep 12, 2021



Eddy Area, New Mexico

Rd—Reagan loam, 1 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5m Elevation: 1,100 to 4,400 feet Mean annual precipitation: 7 to 15 inches Mean annual air temperature: 60 to 70 degrees F Frost-free period: 200 to 240 days Farmland classification: Prime farmland if irrigated

Map Unit Composition

Reagan and similar soils: 98 percent Minor components: 2 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reagan

Setting

Landform: Fan remnants, alluvial fans Landform position (three-dimensional): Rise Down-slope shape: Convex, linear Across-slope shape: Linear Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam *H2 - 8 to 82 inches:* loam

Properties and qualities

Slope: 1 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water
 (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
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Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 2e Land capability classification (nonirrigated): 6e Hydrologic Soil Group: B *Ecological site:* R042XC007NM - Loamy *Hydric soil rating:* No

Minor Components

Reagan

Percent of map unit: 1 percent Ecological site: R042XC007NM - Loamy Hydric soil rating: No

Upton

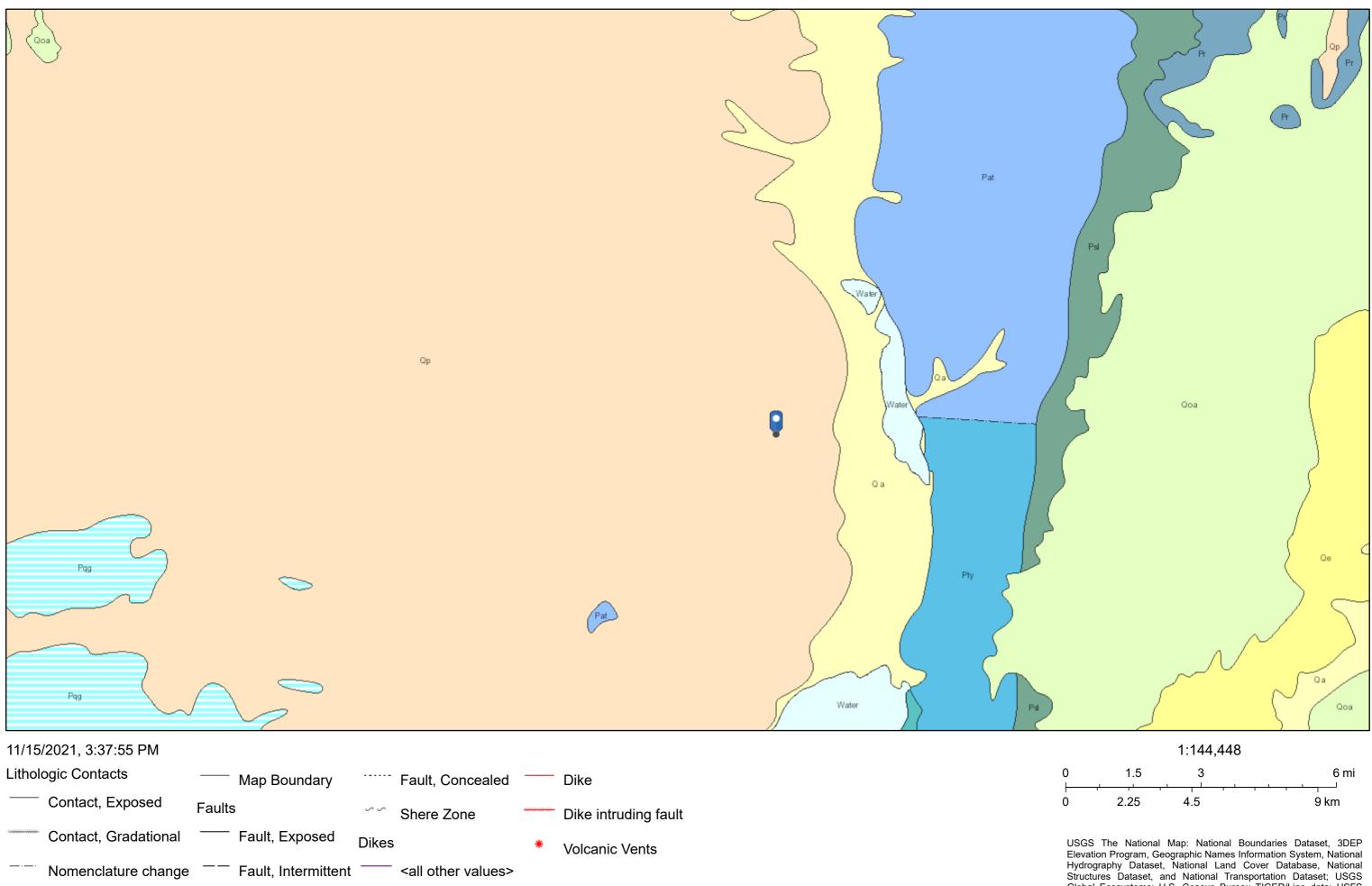
Percent of map unit: 1 percent Ecological site: R042XC025NM - Shallow Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 17, Sep 12, 2021



Kleeman/Platt Battery



Released to Imaging 14/29/2023 and Studies and National Transportation Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line

Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS

APPENDIX D – Daily Field Reports



Client:	EOG Resources Inc.	Inspection Date:	5/22/2023
Site Location Name:	Platt PA Tank Battery	Report Run Date:	5/22/2023 11:39 PM
Client Contact Name:	Chase Settle	API #:	30-015-23906
Client Contact Phone #:	575-703-6537		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	
Summary of Times			
Arrived at Site	5/22/2023 5:05 PM		
Departed Site	5/22/2023 5:40 PM		
Field Notes			
17:07 Arrived on and filled out JSA			

17:34 Todays focus is to document the excavation that took place on site

Next Steps & Recommendations

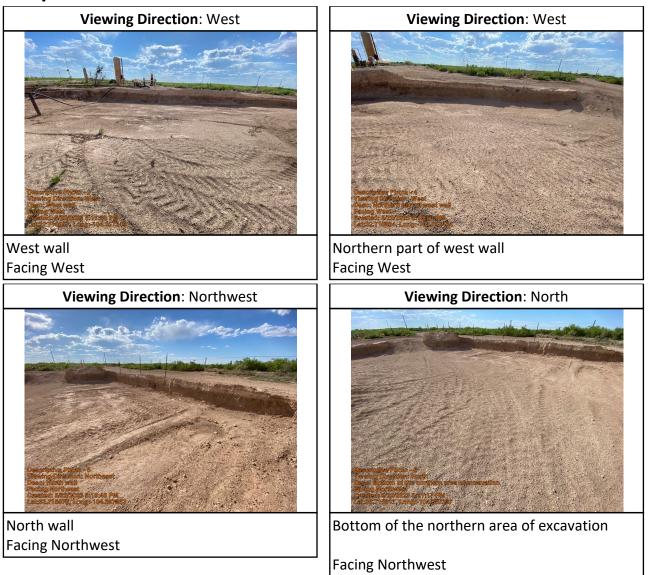
1 Backfill



Site Photos Viewing Direction: Southwest Viewing Direction: West Bottom of southern half of excavation South wall facing Southwest Facing Southwest Viewing Direction: Southwest Viewing Direction: West Overview of the bottom of the excavation Southern part of west wall facing west

Run on 5/22/2023 11:39 PM UTC









Run on 5/22/2023 11:39 PM UTC



Daily Site Visit Signature

Inspector: Jacob Reta

Signature:



Run on 5/22/2023 11:39 PM UTC

•



Client:	EOG Resources Inc.	Inspection Date:	
Site Location Name:	Platt PA Tank Battery	Report Run Date:	11/1/2023 6:54 PM
Client Contact Name:	Chase Settle	API #:	30-015-23906
Client Contact Phone #:	575-703-6537	_	
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	
Summary of Times			
Arrived at Site			
Departed Site			

Field Notes

8:36 Arrived on site and filled out paperwork. Talked to the BDS crew about tasks for the day. I will be collecting 4' base samples and if some need to be dug down, they will still be here for that.

10:41 Collected 5 base samples and all screened within criteria

11:30 Collected 5 more base samples. Screened within criteria for chlorides

12:32 All samples screened within criteria for tph. Jarred them up to send to lab

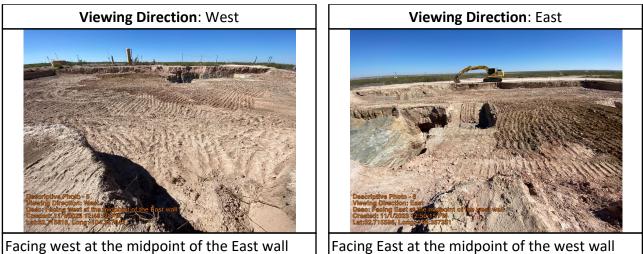
Next Steps & Recommendations

1



Site Photos Viewing Direction: South Viewing Direction: South Facing south at the northwest corner of the Facing south at the northeast corner of the excavation excavation Viewing Direction: North Viewing Direction: North Facing north at the southeast corner of the Facing northeast at the southwest corner of excavation the excavation







Daily Site Visit Signature

Inspector: Angela Mohle

Signature:

.

APPENDIX E – Notifications

Monica Peppin

From:	Chase Settle <chase_settle@eogresources.com></chase_settle@eogresources.com>
Sent:	September 22, 2022 8:10 AM
То:	Michael Moffitt
Cc:	Monica Peppin
Subject:	FW: Platt PA Tank Battery (NKMW0800950646, NKM0800950937, NKM0800949657)

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, September 22, 2022 7:52 AM
To: Robert.Hamlet@emnrd.nm.gov; Mike.Bratcher@emnrd.nm.gov; Jennifer.Nobui@emnrd.nm.gov; Jocelyn.Harimon@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory@eogresources.com>
Subject: Platt PA Tank Battery (NKMW0800950646, NKM0800950937, NKM0800949657)

Good Morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Platt PA Tank Battery K-26-18S-26E Eddy County, NM NKMW0800950646, NKM0800950937, NKM0800949657

Sampling will begin at 8:00 a.m. on Monday, September 26, 2022 and continue through Friday, September 30, 2022.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: <u>tina huerta@eogresources.com</u>



From:	Tina Huerta
То:	ocd.enviro@emnrd.nm.gov
Cc:	Artesia S&E Spill Remediation; Artesia Regulatory
Subject:	Platt PA Tank Battery (NAB1727254031/2RP-4422) Sampling Notification
Date:	February 16, 2023 7:38:55 AM
Attachments:	image001.png

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Platt PA Tank Battery K-26-18S-26E Eddy County, NM NAB1727254031/2RP-4422

Sampling will begin at 8:30 a.m. on Monday, February 20, 2023, and continue through Friday, February 24, 2023.

Thank you,

Tina Hverta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: tina_huerta@eogresources.com

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From:	Tina Huerta
То:	ocd.enviro@emnrd.nm.gov
Cc:	Artesia S&E Spill Remediation; Artesia Regulatory
Subject:	Platt PA Battery (NAB1727254031/2RP-4422) Sampling Notification
Date:	February 23, 2023 8:08:45 AM
Attachments:	image001.png

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Platt PA Tank Battery K-16-18S-26E Eddy County, NM NAB1727254031/2RP-4422

Sampling will begin at 8:30 a.m. on Monday, February 27, 2023, and continue through Friday, March 3, 2023.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: tina_huerta@eogresources.com

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From:	<u>Tina Huerta</u>
To:	ocd.enviro@emnrd.nm.gov
Cc:	Artesia S&E Spill Remediation; Artesia Regulatory
Subject:	Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification
Date:	March 2, 2023 6:05:13 AM
Attachments:	image001.png
Subject: Date:	Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification March 2, 2023 6:05:13 AM

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Platt PA Battery K-16-18S-26E Eddy County, NM NKMW0800950646, NKMW0800950937, NKMW0800949657

Sampling will begin at 8:30 a.m. on Monday, March 6, 2023, and continue through Friday, March 10, 2023.

Thank you,

Tina Hverta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: tina_huerta@eogresources.com

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From:	<u>Tina Huerta</u>
То:	ocd.enviro@emnrd.nm.gov
Cc:	Artesia S&E Spill Remediation; Artesia Regulatory
Subject:	Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification
Date:	March 9, 2023 5:23:34 AM
Attachments:	image001.png

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Platt PA Battery K-16-18S-26E Eddy County, NM NKMW0800950646, NKMW0800950937, NKMW0800949657

Sampling will begin at 8:30 a.m. on Monday, March 13, 2023, and continue through Friday, March 17, 2023.

Thank you,

Tina Hverta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: tina_huerta@eogresources.com

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From:	Miriam Morales
То:	ocd.enviro@emnrd.nm.gov
Cc:	Artesia S&E Spill Remediation; Artesia Regulatory
Subject:	Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification
Date:	March 15, 2023 4:31:08 PM

Good afternoon,

Platt PA Battery K-16-18S-26E Eddy County, NM NKMW0800950646, NKMW0800950937, NKMW0800949657

Sampling will begin at 8:30 a.m. on Monday, March 20, 2023, and continue through Friday, March 24, 2023.

Thank you,

Miriam Morales

From:	<u>Tina Huerta</u>
То:	ocd.enviro@emnrd.nm.gov
Cc:	Artesia S&E Spill Remediation; Artesia Regulatory
Subject:	Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification
Date:	March 23, 2023 8:14:36 AM
Attachments:	image001.png

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Platt PA Battery K-16-18S-26E Eddy County, NM NKMW0800950646, NKMW0800950937, NKMW0800949657

Sampling will begin at 8:30 a.m. on Monday, March 27, 2023, and continue through Friday, March 31, 2023.

Sorry, this is late.

Thank you,

Tina Hverta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: tina_huerta@eogresources.com

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From:	<u>Tina Huerta</u>
То:	ocd.enviro@emnrd.nm.gov
Cc:	Artesia S&E Spill Remediation; Artesia Regulatory
Subject:	Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification
Date:	March 30, 2023 8:00:10 AM
Attachments:	image001.png

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Platt PA Battery K-16-18S-26E Eddy County, NM NKMW0800950646, NKMW0800950937, NKMW0800949657

Sampling will begin at 8:30 a.m. on Monday, April 3, 2023, and continue through Friday, April 7, 2023.

Thank you,

Tina Hverta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: <u>tina_huerta@eogresources.com</u>

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From:	Chase Settle
То:	Chance Dixon
Subject:	FW: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification
Date:	September 22, 2023 8:42:16 AM
Attachments:	image001.png

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Friday, September 22, 2023 8:36 AM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia
Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification

Good morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Platt PA Battery K-16-18S-26E Eddy County, NM NKMW0800950646, NKMW0800950937, NKMW0800949657

Sampling will begin at 8:00 a.m. on Wednesday, September 27, 2023, and continue through Friday, September 29, 2023.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: <u>tina_huerta@eogresources.com</u>



From:	Chase Settle
То:	Chance Dixon
Subject:	FW: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification
Date:	September 27, 2023 2:05:19 PM
Attachments:	image001.png

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, September 27, 2023 2:02 PM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia
Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification

Good afternoon,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Platt PA Battery K-16-18S-26E Eddy County, NM NKMW0800950646, NKMW0800950937, NKMW0800949657

Sampling will begin at 8:00 a.m. on Monday, October 2, 2023, and continue through Friday, October 6, 2023.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: <u>tina_huerta@eogresources.com</u>



From:	Chase Settle
То:	Chance Dixon
Subject:	FW: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification
Date:	October 6, 2023 7:25:30 AM
Attachments:	image001.png

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, October 4, 2023 2:34 PM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia
Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification

Good afternoon,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Platt PA Battery K-16-18S-26E Eddy County, NM NKMW0800950646, NKMW0800950937, NKMW0800949657

Sampling will begin at 8:00 a.m. on Monday, October 9, 2023, and continue through Friday, October 13, 2023.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: <u>tina_huerta@eogresources.com</u>

Seog resources Artesia Division

From:	Chase Settle
То:	Chance Dixon
Subject:	FW: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification
Date:	October 12, 2023 10:32:34 AM
Attachments:	image001.png

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, October 11, 2023 2:27 PM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia
Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification

Good afternoon,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Platt PA Battery K-16-18S-26E Eddy County, NM NKMW0800950646, NKMW0800950937, NKMW0800949657

Sampling will begin at 8:00 a.m. on Monday, October 16, 2023, and continue through Friday, October 20, 2023.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: <u>tina_huerta@eogresources.com</u>

deog resources Artesia Division

From:	Chase Settle
То:	Chance Dixon
Subject:	FW: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification
Date:	October 19, 2023 9:53:34 AM
Attachments:	image001.png

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, October 19, 2023 8:52 AM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia
Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification

Good morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Platt PA Battery K-16-18S-26E Eddy County, NM NKMW0800950646, NKMW0800950937, NKMW0800949657

Sampling will begin at 9:30 a.m. on Monday, October 23, 2023, and continue through Friday, October 27, 2023.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: <u>tina_huerta@eogresources.com</u>

deog resources Artesia Division

From:	Chase Settle
То:	Chance Dixon
Subject:	FW: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification
Date:	October 25, 2023 1:18:37 PM
Attachments:	image001.png

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, October 25, 2023 1:17 PM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia
Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification

Good afternoon,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Platt PA Battery K-16-18S-26E Eddy County, NM NKMW0800950646, NKMW0800950937, NKMW0800949657

Sampling will begin at 8:00 a.m. on Monday, October 30, 2023, and continue through Friday, November 3, 2023.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: <u>tina_huerta@eogresources.com</u>

Seog resources Artesia Division

From:	Chase Settle
То:	Chance Dixon
Subject:	FW: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification
Date:	November 2, 2023 8:39:07 AM
Attachments:	image001.png

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, November 1, 2023 4:47 PM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia
Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification

Good afternoon,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Platt PA Battery K-16-18S-26E Eddy County, NM NKMW0800950646, NKMW0800950937, NKMW0800949657

Sampling will begin at 8:00 a.m. on Monday, November 6, 2023, and continue through Friday, November 10, 2023.

Thank you,

Tina Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121 Email: <u>tina_huerta@eogresources.com</u>



APPENDIX F – Laboratory Data Reports and Chain of Custody Forms



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Websitie: www.hallenvironmental.com

March 02, 2023 Chance Dixon EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX:

OrderNo.: 2302930

Dear Chance Dixon:

RE: Platt PA Battery

Hall Environmental Analysis Laboratory received 20 sample(s) on 2/22/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analy	sis Laboratory, l	ínc.			Analytical Report Lab Order 2302930 Date Reported: 3/2/202	3
CLIENT: EOG			ent Sample II			
Project: Platt PA Battery		c	ollection Dat	e: 2/2	20/2023 9:00:00 AM	
Lab ID: 2302930-001	Matrix: SOIL	1	Received Dat	e: 2/2	2/2023 7:30:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: NAI
Chioride	270	59	mg/Kg	20	2/23/2023 11:01:09 AM	73338
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analys	t: DGH
Diesel Range Organics (DRO)	15	10	mg/Kg	1	2/23/2023 12:11:37 PM	73319
Motor OII Range Organics (MRO)	ND	50	mg/Kg	1	2/23/2023 12:11:37 PM	73319
Surr: DNOP	93.5	69-147	%Rec	1	2/23/2023 12:11:37 PM	73319
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	t: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	2/23/2023 12:30:00 PM	73304
Surt: BFB	114	37.7-212	%Rec	1	2/23/2023 12:30:00 PM	73304
EPA METHOD 8021B: VOLATILES					Analys	t: CCM
Benzene	ND	0.024	mg/Kg	1	2/23/2023 12:30:00 PM	73304
Toluene	ND	0.049	mg/Kg	1	2/23/2023 12:30:00 PM	73304
Ethylbenzene	ND	0.049	mg/Kg	1	2/23/2023 12:30:00 PM	73304
Xylenes, Total	ND	0.097	mg/Kg	1	2/23/2023 12:30:00 PM	73304
Surr: 4-Bromofluorobenzene	90.7	70-130	%Rec	1	2/23/2023 12:30:00 PM	73304

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Quanimitive Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estim
- B Analyte detected in the associated Method Blank E Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not in Range RL Reporting Limit

Page 1 of 24

Hall E	nvironmental Analy	nc.			Lab Order 2302930 Date Reported: 3/2/202	3	
CLIENT: EOG Client Sample ID: BS23-02 4ft							
Project:	Platt PA Battery		Col	ection Dat	e: 2/2	0/2023 9:05:00 AM	
Lab ID:	2302930-002	Matrix: SOIL	Re	ceived Dat	e: 2/2	2/2023 7:30:00 AM	
Analyse	5	Result	RL Q	aal Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analyst	: NAI
Chioride	2	540	60	mg/Kg	20	2/23/2023 11:38:22 AM	73338
EPA ME	THOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analyst	: SB
Diesel F	tange Organics (DRO)	20	8.6	mg/Kg	1	2/24/2023 2:31:36 PM	73319
Motor O	II Range Organics (MRO)	50	43	mg/Kg	1	2/24/2023 2:31:36 PM	73319
Sur:	DNOP	127	69-147	%Rec	1	2/24/2023 2:31:36 PM	73319
EPA ME	THOD 8015D: GASOLINE R	ANGE				Analyst	CCM
Gasolin	e Range Organics (GRO)	ND	4.9	mg/Kg	1	2/23/2023 1:29:00 PM	73304
Surr:	BFB	94.4	37.7-212	%Rec	1	2/23/2023 1:29:00 PM	73304
EPA ME	THOD 8021B: VOLATILES					Analyst	CCM
Benzen	e	ND	0.025	mg/Kg	1	2/23/2023 1:29:00 PM	73304
Toluene	•	ND	0.049	mg/Kg	1	2/23/2023 1:29:00 PM	73304
Ethylber	izene	ND	0.049	mg/Kg	1	2/23/2023 1:29:00 PM	73304
Xylenes	Total	ND	0.099	mg/Kg	1	2/23/2023 1:29:00 PM	73304
Sur:	4-Bromofluorobenzene	80.9	70-130	%Rec	1	2/23/2023 1:29:00 PM	73304

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Quanimitive Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estim
- B Analyte detected in the associated Method Blank E Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not in Range RL Reporting Limit

Analytical Report

Page 2 of 24

Hall Environmental Analy	sis Laboratory, l	ínc.			Analytical Report Lab Order 2302930 Date Reported: 3/2/202	3
CLIENT: EOG			ient Sample II			
Project: Platt PA Battery			Collection Date	e: 2/2	20/2023 9:10:00 AM	
Lab ID: 2302930-003	Matrix: SOIL		Received Dat	e: 2/2	2/2023 7:30:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: NAI
Chioride	76	60	mg/Kg	20	2/23/2023 12:40:24 PM	73338
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analys	t: DGH
Diesel Range Organics (DRO)	25	8.9	mg/Kg	1	2/28/2023 10:15:59 AM	73319
Motor OII Range Organics (MRO)	50	44	mg/Kg	1	2/28/2023 10:15:59 AM	73319
Sur: DNOP	105	69-147	%Rec	1	2/28/2023 10:15:59 AM	73319
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	t: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	2/23/2023 2:28:00 PM	73304
Surr: BFB	100	37.7-212	%Rec	1	2/23/2023 2:28:00 PM	73304
EPA METHOD 8021B: VOLATILES					Analys	t: CCM
Benzene	ND	0.024	mg/Kg	1	2/23/2023 2:28:00 PM	73304
Toluene	ND	0.049	mg/Kg	1	2/23/2023 2:28:00 PM	73304
Ethylbenzene	ND	0.049	mg/Kg	1	2/23/2023 2:28:00 PM	73304
Xylenes, Total	ND	0.098	mg/Kg	1	2/23/2023 2:28:00 PM	73304
Surr: 4-Bromofluorobenzene	82.1	70-130	%Rec	1	2/23/2023 2:28:00 PM	73304

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Quanimitive Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estim
- B Analyte detected in the associated Method Blank E Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not in Range RL Reporting Limit

- Page 3 of 24

Hall Environmental Analy	rsis Laboratory, l	ínc.			Analytical Report Lab Order 2302930 Date Reported: 3/2/202	3
CLIENT: EOG		Cli	ent Sample II): BS	23-04 4ft	
Project: Platt PA Battery		C	ollection Dat	e: 2/2	0/2023 9:15:00 AM	
Lab ID: 2302930-004	Matrix: SOIL	1	Received Dat	e: 2/2	2/2023 7:30:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	tJTT
Chioride	3000	150	mg/Kg	50	2/24/2023 8:30:22 AM	73338
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analys	t: DGH
Diesel Range Organics (DRO)	110	18	mg/Kg	2	2/23/2023 3:36:47 PM	73319
Motor OII Range Organics (MRO)	210	92	mg/Kg	2	2/23/2023 3:36:47 PM	73319
Sur: DNOP	97.0	69-147	%Rec	2	2/23/2023 3:36:47 PM	73319
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	t: CCM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	2/23/2023 2:48:00 PM	73304
Surt: BFB	96.5	37.7-212	%Rec	1	2/23/2023 2:48:00 PM	73304
EPA METHOD 8021B: VOLATILES					Analys	t: CCM
Benzene	ND	0.024	mg/Kg	1	2/23/2023 2:48:00 PM	73304
Toluene	ND	0.048	mg/Kg	1	2/23/2023 2:48:00 PM	73304
Ethylbenzene	ND	0.048	mg/Kg	1	2/23/2023 2:48:00 PM	73304
Xylenes, Total	ND	0.096	mg/Kg	1	2/23/2023 2:48:00 PM	73304
Surr: 4-Bromofluorobenzene	77.7	70-130	%Rec	1	2/23/2023 2:48:00 PM	73304

Qualifiers:

- Value eccoads Maximum Contaminant Level.
 D Sample Distuid Due to Matrix
 H Holding times for proparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical Quanitative Limit
 S % Recovery cotaide of standard limits. If undilisted results may be estim
- B Analyte detected in the associated Method Blank
 Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
 Sample pH Not in Range
 RL Reporting Limit

- Page 4 of 24

Hall E	nvironmental Analys	sis Laboratory, I	nc.			Lab Order 2302930 Date Reported: 3/2/202	3
CLIENT: EOG Client Sample ID: BS23-05 4ft							
Project:	Platt PA Battery		c	ollection Dat	e: 2/2	0/2023 9:20:00 AM	
Lab ID:	2302930-005	Matrix: SOIL	I	Received Dat	e: 2/2	2/2023 7:30:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA ME	THOD 300.0: ANIONS					Analys	t: NAI
Chioride		210	60	mg/Kg	20	2/23/2023 1:05:12 PM	73338
EPA ME	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analys	t: DGH
Diesel R	ange Organics (DRO)	23	9.1	mg/Kg	1	2/28/2023 2:48:33 PM	73319
Motor OI	Range Organics (MRO)	81	46	mg/Kg	1	2/28/2023 2:48:33 PM	73319
Surr: I	DNOP	93.2	69-147	%Rec	1	2/28/2023 2:48:33 PM	73319
EPA ME	THOD 8015D: GASOLINE R/	ANGE				Analys	t: CCM
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	2/23/2023 3:08:00 PM	73304
Surr: E	BFB	94.9	37.7-212	%Rec	1	2/23/2023 3:08:00 PM	73304
EPA ME	THOD 8021B: VOLATILES					Analys	t: CCM
Benzene		ND	0.024	mg/Kg	1	2/23/2023 3:08:00 PM	73304
Toluene		ND	0.047	mg/Kg	1	2/23/2023 3:08:00 PM	73304
Ethylben	zene	ND	0.047	mg/Kg	1	2/23/2023 3:08:00 PM	73304
Xylenes,	Total	ND	0.095	mg/Kg	1	2/23/2023 3:08:00 PM	73304
Sur: 4	4-Bromofluorobenzene	79.4	70-130	%Rec	1	2/23/2023 3:08:00 PM	73304

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Quanimitive Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estim
- B Analyte detected in the associated Method Blank E Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not in Range RL Reporting Limit

Analytical Report

- Page 5 of 24

Hall Environmental Analy	rsis Laboratory, l	ínc.			Analytical Report Lab Order 2302930 Date Reported: 3/2/202	3	
CLIENT: EOG		Cli	ent Sample II): BS	\$23-06 4ft		
Project: Platt PA Battery	Collection Date: 2/20/2023 9:25:00 AM						
Lab ID: 2302930-006	Matrix: SOIL	Matrix: SOIL Received Date: 2/22/2023 7:30:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	τTL	
Chloride	6900	300	mg/Kg	10	0 2/24/2023 8:42:43 AM	73338	
EPA METHOD 8015M/D: DIESEL R/	ANGE ORGANICS				Analys	: DGH	
Diesel Range Organics (DRO)	74	9.8	mg/Kg	1	2/23/2023 12:24:10 PM	73319	
Motor OII Range Organics (MRO)	120	49	mg/Kg	1	2/23/2023 12:24:10 PM	73319	
Surf: DNOP	108	69-147	%Rec	1	2/23/2023 12:24:10 PM	73319	
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	CCM	
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	2/23/2023 3:27:00 PM	73304	
Surr: BFB	97.7	37.7-212	%Rec	1	2/23/2023 3:27:00 PM	73304	
EPA METHOD 8021B: VOLATILES					Analys	CCM	
Benzene	ND	0.023	mg/Kg	1	2/23/2023 3:27:00 PM	73304	
Toluene	ND	0.047	mg/Kg	1	2/23/2023 3:27:00 PM	73304	
Ethylbenzene	ND	0.047	mg/Kg	1	2/23/2023 3:27:00 PM	73304	
Xylenes, Total	ND	0.094	mg/Kg	1	2/23/2023 3:27:00 PM	73304	
Surr: 4-Bromofluorobenzene	79.2	70-130	%Rec	1	2/23/2023 3:27:00 PM	73304	

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanitative Limit
 \$ % Recovery costaide of standard limits. If undiluted results may be estin
 }
- B Analyte detected in the associated Method Blank
 Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
 Sample pH Not in Range
 RL Reporting Limit

Page 6 of 24

Hall Environmental Analy	sis Laboratory, l	ínc.				Analytical Report Lab Order 2302930 Date Reported: 3/2/202	3
CLIENT: EOG		Cl	ient Sa	mple II	D: BS	23-07 4ft	
Project: Platt PA Battery			Collect	ion Dat	e: 2/2	0/2023 9:30:00 AM	
Lab ID: 2302930-007	Matrix: SOIL	Matrix: SOIL Received Date: 2/22/2023 7:30:00 AM					
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	tJTT
Chioride	6200	300		mg/Kg	100	2/24/2023 8:55:04 AM	73338
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS					Analys	t: DGH
Diesel Range Organics (DRO)	510	96		mg/Kg	10	2/23/2023 4:40:56 PM	73319
Motor OII Range Organics (MRO)	910	480		mg/Kg	10	2/23/2023 4:40:56 PM	73319
Sur: DNOP	0	69-147	S	%Rec	10	2/23/2023 4:40:56 PM	73319
EPA METHOD 8015D: GASOLINE R	ANGE					Analys	t: CCM
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	2/23/2023 3:47:00 PM	73304
Surt: BFB	98.1	37.7-212		%Rec	5	2/23/2023 3:47:00 PM	73304
EPA METHOD 8021B: VOLATILES						Analys	t: CCM
Benzene	ND	0.12		mg/Kg	5	2/23/2023 3:47:00 PM	73304
Toluene	ND	0.25		mg/Kg	5	2/23/2023 3:47:00 PM	73304
Ethylbenzene	ND	0.25		mg/Kg	5	2/23/2023 3:47:00 PM	73304
Xylenes, Total	ND	0.50		mg/Kg	5	2/23/2023 3:47:00 PM	73304
Surr: 4-Bromofluorobenzene	79.6	70-130		%Rec	5	2/23/2023 3:47:00 PM	73304

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Quanimitive Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estim
- B Analyte detected in the associated Method Blank
 Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
 Sample pH Not in Range
 RL Reporting Limit

Page 7 of 24

Hall Environmental Analy	sis Laboratory, l	ínc.			Analytical Report Lab Order 2302930 Date Reported: 3/2/202	3	
CLIENT: EOG		Cli	ent Sample II): BS	23-08 4ft		
Project: Platt PA Battery		С	ollection Dat	e: 2/2	20/2023 9:35:00 AM		
Lab ID: 2302930-008	Matrix: SOIL	Matrix: SOIL Received Date: 2/22/2023 7:30:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	tJTT	
Chioride	2400	150	mg/Kg	50	2/24/2023 9:07:26 AM	73338	
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analys	t: DGH	
Diesel Range Organics (DRO)	270	48	mg/Kg	5	2/23/2023 5:16:43 PM	73319	
Motor OII Range Organics (MRO)	570	240	mg/Kg	5	2/23/2023 5:16:43 PM	73319	
Sur: DNOP	104	69-147	%Rec	5	2/23/2023 5:16:43 PM	73319	
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	t: CCM	
Gasoline Range Organics (GRO)	ND	24	mg/Kg	5	2/23/2023 4:07:00 PM	73304	
Surt: BFB	99.8	37.7-212	%Rec	5	2/23/2023 4:07:00 PM	73304	
EPA METHOD 8021B: VOLATILES					Analys	t: CCM	
Benzene	ND	0.12	mg/Kg	5	2/23/2023 4:07:00 PM	73304	
Toluene	ND	0.24	mg/Kg	5	2/23/2023 4:07:00 PM	73304	
Ethylbenzene	ND	0.24	mg/Kg	5	2/23/2023 4:07:00 PM	73304	
Xylenes, Total	ND	0.49	mg/Kg	5	2/23/2023 4:07:00 PM	73304	
Surr: 4-Bromofluorobenzene	82.3	70-130	%Rec	5	2/23/2023 4:07:00 PM	73304	

Qualifiers:

- Value eccoads Maximum Contaminant Level.
 D Sample Distuid Due to Matrix
 H Holding times for proparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical Quanitative Limit
 S % Recovery cotaide of standard limits. If undilisted results may be estim
- B Analyte detected in the associated Method Blank
 Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
 Sample pH Not in Range
 RL Reporting Limit

Page 8 of 24

Hall Environmental Analy	sis Laboratory, l	ínc.			Analytical Report Lab Order 2302930 Date Reported: 3/2/202	3	
CLIENT: EOG		Cli	ent Sample II): BS	\$23-09 4ft		
Project: Platt PA Battery		. c	ollection Dat	e: 2/.	20/2023 9:40:00 AM		
Lab ID: 2302930-009	Matrix: SOIL	Matrix: SOIL Received Date: 2/22/2023 7:30:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	tJTT	
Chioride	5200	300	mg/Kg	10	0 2/24/2023 9:19:46 AM	73338	
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analys	t: DGH	
Diesel Range Organics (DRO)	140	49	mg/Kg	5	2/23/2023 5:38:00 PM	73319	
Motor OII Range Organics (MRO)	310	240	mg/Kg	5	2/23/2023 5:38:00 PM	73319	
Sur: DNOP	87.3	69-147	%Rec	5	2/23/2023 5:38:00 PM	73319	
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	t: CCM	
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	2/23/2023 10:20:00 PM	73304	
Surt: BFB	100	37.7-212	%Rec	1	2/23/2023 10:20:00 PM	73304	
EPA METHOD 8021B: VOLATILES					Analys	t: JJP	
Benzene	ND	0.023	mg/Kg	1	2/27/2023 10:34:10 AM	73304	
Toluene	ND	0.047	mg/Kg	1	2/27/2023 10:34:10 AM	73304	
Ethylbenzene	ND	0.047	mg/Kg	1	2/27/2023 10:34:10 AM	73304	
Xylenes, Total	ND	0.093	mg/Kg	1	2/27/2023 10:34:10 AM	73304	
Surr: 4-Bromofluorobenzene	87.6	70-130	%Rec	1	2/27/2023 10:34:10 AM	73304	

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Quanimitive Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estim
- B Analyte detected in the associated Method Blank E Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not in Range RL Reporting Limit

Page 9 of 24

Hall Environmental Analy	rsis Laboratory, l	ínc.			Analytical Report Lab Order 2302930 Date Reported: 3/2/202	3	
CLIENT: EOG		Cli	ent Sample II): B(\$23-10 4ft		
Project: Platt PA Battery		Collection Date: 2/20/2023 9:45:00 AM					
Lab ID: 2302930-010	Matrix: SOIL	Matrix: SOIL Received Date: 2/22/2023 7:30:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	tJTT	
Chioride	5300	300	mg/Kg	10	0 2/24/2023 9:32:07 AM	73338	
EPA METHOD 8015M/D: DIESEL R/	ANGE ORGANICS				Analys	t: DGH	
Diesel Range Organics (DRO)	170	44	mg/Kg	5	2/23/2023 5:59:14 PM	73319	
Motor Oli Range Organics (MRO)	280	220	mg/Kg	5	2/23/2023 5:59:14 PM	73319	
Surf: DNOP	87.0	69-147	%Rec	5	2/23/2023 5:59:14 PM	73319	
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	t: CCM	
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	2/23/2023 4:46:00 PM	73304	
Surt: BFB	108	37.7-212	%Rec	1	2/23/2023 4:46:00 PM	73304	
EPA METHOD 8021B: VOLATILES					Analys	t: CCM	
Benzene	ND	0.024	mg/Kg	1	2/23/2023 4:46:00 PM	73304	
Toluene	ND	0.047	mg/Kg	1	2/23/2023 4:46:00 PM	73304	
Ethylbenzene	ND	0.047	mg/Kg	1	2/23/2023 4:46:00 PM	73304	
Xylenes, Total	ND	0.095	mg/Kg	1	2/23/2023 4:46:00 PM	73304	
Surr: 4-Bromofluorobenzene	77.6	70-130	%Rec	1	2/23/2023 4:46:00 PM	73304	

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Quanimitive Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estim
- B Analyte detected in the associated Method Blank E Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not in Range RL Reporting Limit

Page 10 of 24

Hall Environmental Analy	sis Laboratory, l	ínc.			Analytical Report Lab Order 2302930 Date Reported: 3/2/202	3	
CLIENT: EOG			ent Sample II				
Project: Platt PA Battery Lab ID: 2302930-011	Matrix: SOIL	Collection Date: 2/20/2023 9:50:00 AM Matrix: SOIL Received Date: 2/22/2023 7:30:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	t JTT	
Chloride	5000	150	mg/Kg	50	2/24/2023 9:44:27 AM	73338	
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analys	t: DGH	
Diesel Range Organics (DRO)	170	19	mg/Kg	2	2/23/2023 6:20:23 PM	73319	
Motor OII Range Organics (MRO)	250	97	mg/Kg	2	2/23/2023 6:20:23 PM	73319	
Surr: DNOP	98.3	69-147	%Rec	2	2/23/2023 6:20:23 PM	73319	
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	t: CCM	
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	2/23/2023 5:25:00 PM	73304	
Surt: BFB	97.8	37.7-212	%Rec	1	2/23/2023 5:25:00 PM	73304	
EPA METHOD 8021B: VOLATILES					Analys	t: JJP	
Benzene	ND	0.025	mg/Kg	1	2/27/2023 10:57:36 AM	73304	
Toluene	ND	0.049	mg/Kg	1	2/27/2023 10:57:36 AM	73304	
Ethylbenzene	ND	0.049	mg/Kg	1	2/27/2023 10:57:36 AM	73304	
Xylenes, Total	ND	0.099	mg/Kg	1	2/27/2023 10:57:36 AM	73304	
Surt: 4-Bromofluorobenzene	87.0	70-130	%Rec	1	2/27/2023 10:57:36 AM	73304	

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for proparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Que institue Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estin

- B Analyte detected in the associated Method Blank
 Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
 Sample pH Not in Range
 RL Reporting Limit

Page 11 of 24

Hall Environmental Analy	sis Laboratory, l	ínc.			Analytical Report Lab Order 2302930 Date Reported: 3/2/202	3	
CLIENT: EOG			ent Sample II				
Project: Platt PA Battery	Collection Date: 2/20/2023 9:55:00 AM						
Lab ID: 2302930-012	Matrix: SOIL	Matrix: SOIL Received Date: 2/22/2023 7:30:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	tJTT	
Chioride	5200	300	mg/Kg	10	0 2/24/2023 9:56:48 AM	73338	
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analys	t: DGH	
Diesel Range Organics (DRO)	200	18	mg/Kg	2	2/23/2023 6:41:29 PM	73319	
Motor OII Range Organics (MRO)	320	92	mg/Kg	2	2/23/2023 6:41:29 PM	73319	
Surf: DNOP	95.4	69-147	%Rec	2	2/23/2023 6:41:29 PM	73319	
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	t: CCM	
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	2/23/2023 5:44:00 PM	73304	
Surt: BFB	92.5	37.7-212	%Rec	1	2/23/2023 5:44:00 PM	73304	
EPA METHOD 8021B: VOLATILES					Analys	t: JJP	
Benzene	ND	0.025	mg/Kg	1	2/27/2023 11:21:03 AM	73304	
Toluene	ND	0.050	mg/Kg	1	2/27/2023 11:21:03 AM	73304	
Ethylbenzene	ND	0.050	mg/Kg	1	2/27/2023 11:21:03 AM	73304	
Xylenes, Total	ND	0.099	mg/Kg	1	2/27/2023 11:21:03 AM	73304	
Surr: 4-Bromofluorobenzene	89.8	70-130	%Rec	1	2/27/2023 11:21:03 AM	73304	

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for proparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Que institue Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estin

- B Analyte detected in the associated Method Blank
 Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
 Sample pH Not in Range
 RL Reporting Limit

Page 12 of 24

Hall E	Hall Environmental Analysis Laboratory, Inc.				Lab Order 2302930 Date Reported: 3/2/2023					
CLIENT	EOG		Client	t Sample II	D: BS	23-13 4ft				
Project:	Platt PA Battery		Coll	lection Dat	e: 2/2	0/2023 10:00:00 AM				
Lab ID:	2302930-013	Matrix: SOIL	Matrix: SOIL Received Date: 2/22/2023 7:30:00 AM							
Analyse	5	Result	RL Q	ual Units	DF	Date Analyzed	Batch			
EPA ME	THOD 300.0: ANIONS					Analyst	τī			
Chloride	•	5900	300	mg/Kg	100	2/24/2023 10:09:09 AM	73338			
EPA ME	THOD 8015M/D: DIESEL R/	ANGE ORGANICS				Analyst	: DGH			
Diesel R	tange Organics (DRO)	79	9.6	mg/Kg	1	2/28/2023 3:16:19 PM	73319			
Motor O	ll Range Organics (MRO)	120	48	mg/Kg	1	2/28/2023 3:16:19 PM	73319			
Surr:	DNOP	83.8	69-147	%Rec	1	2/28/2023 3:16:19 PM	73319			
EPA ME	THOD 8015D: GASOLINE R	ANGE				Analyst	CCM			
Gasoline	e Range Organics (GRO)	ND	4.9	mg/Kg	1	2/23/2023 6:04:00 PM	73304			
Surr:	BFB	102	37.7-212	%Rec	1	2/23/2023 6:04:00 PM	73304			
EPA ME	THOD 8021B: VOLATILES					Analyst	t JJP			
Benzene	2	ND	0.025	mg/Kg	1	2/27/2023 11:44:36 AM	73304			
Toluene		ND	0.049	mg/Kg	1	2/27/2023 11:44:35 AM	73304			
Ethylber	izene	ND	0.049	mg/Kg	1	2/27/2023 11:44:36 AM	73304			
Xylenes,	Total	ND	0.098	mg/Kg	1	2/27/2023 11:44:36 AM	73304			
Sur:	4-Bromofluorobenzene	92.2	70-130	%Rec	1	2/27/2023 11:44:36 AM	73304			

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for proparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Que institue Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estin
- B Analyte detected in the associated Method Blank E Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not in Range RL Reporting Limit

- Page 13 of 24

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Hall Environmental Analysis Laboratory, Inc. Lab C							3	
CLIENT	EOG			t Sample II				
Project:	Platt PA Battery		Col	lection Dat	e: 2/2	0/2023 10:05:00 AM		
Lab ID:	2302930-014	Matrix: SOIL	Matrix: SOIL Received Date: 2/22/2023 7:30:00 AM					
Analyses	5	Result	RL Q	ual Units	DF	Date Analyzed	Batch	
EPA ME	THOD 300.0: ANIONS					Analyst	лт	
Chloride	2	5000	300	mg/Kg	100	2/24/2023 10:21:29 AM	73338	
EPA ME	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	SB	
Diesel R	tange Organics (DRO)	80	18	mg/Kg	2	2/24/2023 12:55:46 PM	73319	
Motor O	II Range Organics (MRO)	110	88	mg/Kg	2	2/24/2023 12:55:46 PM	73319	
Surr:	DNOP	110	69-147	%Rec	2	2/24/2023 12:55:46 PM	73319	
EPA ME	THOD 8015D: GASOLINE R/	ANGE				Analyst	CCM	
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	2/23/2023 6:24:00 PM	73304	
Surr:	BFB	101	37.7-212	%Rec	1	2/23/2023 6:24:00 PM	73304	
EPA ME	THOD 8021B: VOLATILES					Analyst	: JJP	
Benzene	e	ND	0.025	mg/Kg	1	2/27/2023 12:08:08 PM	73304	
Toluene	•	ND	0.050	mg/Kg	1	2/27/2023 12:08:08 PM	73304	
Ethylber	izene	ND	0.050	mg/Kg	1	2/27/2023 12:08:08 PM	73304	
Xylenes,	Total	ND	0.099	mg/Kg	1	2/27/2023 12:08:08 PM	73304	
Sum	4-Bromofluorobenzene	91.2	70-130	%Rec	1	2/27/2023 12:08:08 PM	73304	

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for proparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Que institue Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estin

B Analyte detected in the associated Method Blank
 Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
 Sample pH Not in Range
 RL Reporting Limit

Analytical Report

Page 14 of 24

Hall Environmental Analysis Laboratory, Inc. Lab Order 2302930 Date Reported: 3/2/2023								
CLIENT:	EOG		Clier	nt Sample II	: BS	23-15 4ft		
Project:	Platt PA Battery		Co	llection Date	e: 2/20	0/2023 10:10:00 AM		
Lab ID:	2302930-015	Matrix: SOIL	Matrix: SOIL Received Date: 2/22/2023 7:30:00 AM					
Analyses	1	Result	RL Q	ual Units	DF	Date Analyzed	Batch	
EPA ME	THOD 300.0: ANIONS					Analyst	лт	
Chloride		10000	600	mg/Kg	200	2/24/2023 10:58:32 AM	73338	
EPA MET	THOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst	SB	
Diesel R	ange Organics (DRO)	74	9.8	mg/Kg	1	2/24/2023 2:55:36 PM	73319	
Motor OI	I Range Organics (MRO)	160	49	mg/Kg	1	2/24/2023 2:55:36 PM	73319	
Sur: D	DNOP	130	69-147	%Rec	1	2/24/2023 2:55:36 PM	73319	
EPA MET	THOD 8015D: GASOLINE RA	NGE				Analyst	CCM	
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	2/23/2023 6:44:00 PM	73304	
Surr: E	BFB	99.5	37.7-212	%Rec	1	2/23/2023 6:44:00 PM	73304	
EPA MET	THOD 8021B: VOLATILES					Analyst	JJP	
Benzene		ND	0.025	mg/Kg	1	2/27/2023 12:31:53 PM	73304	
Toluene		ND	0.049	mg/Kg	1	2/27/2023 12:31:53 PM	73304	
Ethylben	zene	ND	0.049	mg/Kg	1	2/27/2023 12:31:53 PM	73304	
Xylenes,	Total	ND	0.098	mg/Kg	1	2/27/2023 12:31:53 PM	73304	
Surt 4	4-Bromofluorobenzene	91.4	70-130	%Rec	1	2/27/2023 12:31:53 PM	73304	

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for proparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Que institue Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estin
- B Analyte detected in the associated Method Blank E Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not in Range RL Reporting Limit

Page 15 of 24

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Hall Environmental Analysi	nc.	Lab Order 2302930 Date Reported: 3/2/2023						
CLIENT: EOG		Clien	Client Sample ID: BS23-16 4ft					
Project: Platt PA Battery		Col	lection Dat	e: 2/2	0/2023 10:15:00 AM			
Lab ID: 2302930-016	Matrix: SOIL. Received Date: 2/22/2023 7:30:00 AM							
Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analys	τTL		
Chioride	5200	300	mg/Kg	100	2/24/2023 11:10:53 AM	73338		
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS				Analys	: DGH		
Diesel Range Organics (DRO)	160	9.7	mg/Kg	1	2/28/2023 4:09:45 PM	73319		
Motor OII Range Organics (MRO)	220	48	mg/Kg	1	2/28/2023 4:09:45 PM	73319		
Sur: DNOP	133	69-147	%Rec	1	2/28/2023 4:09:45 PM	73319		
EPA METHOD 8015D: GASOLINE RAN	NGE				Analys	CCM		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	2/23/2023 7:03:00 PM	73304		
Surr: BFB	97.7	37.7-212	%Rec	1	2/23/2023 7:03:00 PM	73304		
EPA METHOD 8021B: VOLATILES					Analys	t: JJP		
Benzene	ND	0.024	mg/Kg	1	2/27/2023 12:55:36 PM	73304		
Toluene	ND	0.049	mg/Kg	1	2/27/2023 12:55:36 PM	73304		
Ethylbenzene	ND	0.049	mg/Kg	1	2/27/2023 12:55:36 PM	73304		
Xylenes, Total	ND	0.097	mg/Kg	1	2/27/2023 12:55:36 PM	73304		
Surr: 4-Bromofluorobenzene	92.0	70-130	%Rec	1	2/27/2023 12:55:36 PM	73304		

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for proparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Que institue Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estin
- B Analyte detected in the associated Method Blank
 Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
 Sample pH Not in Range
 RL Reporting Limit

Page 16 of 24

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Hall E	nvironmental Analy	nc.	Lab Order 2302930 C. Date Reported: 3/2/2023					
CLIENT:	EOG		Clien	t Sample II	D: BS	23-17 4ft		
Project:	Platt PA Battery		Col	lection Dat	e: 2/2	0/2023 10:20:00 AM		
Lab ID:	2302930-017	Matrix: SOIL	Matrix: SOIL Received Date: 2/22/2023 7:30:00 AM					
Analyses	5	Result	RL Q	ual Units	DF	Date Analyzed	Batch	
EPA ME	THOD 300.0: ANIONS					Analys	: NAI	
Chioride	l i i i i i i i i i i i i i i i i i i i	87	60	mg/Kg	20	2/23/2023 3:58:54 PM	73338	
EPA ME	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analys	: DGH	
Diesel R	ange Organics (DRO)	13	9.6	mg/Kg	1	2/23/2023 4:19:32 PM	73319	
Motor O	l Range Organics (MRO)	ND	48	mg/Kg	1	2/23/2023 4:19:32 PM	73319	
Sur: I	DNOP	93.6	69-147	%Rec	1	2/23/2023 4:19:32 PM	73319	
EPA ME	THOD 8015D: GASOLINE R	ANGE				Analys	CCM	
Gasoline	Range Organics (GRO)	ND	4.6	mg/Kg	1	2/23/2023 7:23:00 PM	73304	
Sur: I	BFB	102	37.7-212	%Rec	1	2/23/2023 7:23:00 PM	73304	
EPA ME	THOD 8021B: VOLATILES					Analys	t JJP	
Benzene	•	ND	0.023	mg/Kg	1	2/27/2023 1:19:23 PM	73304	
Toluene		ND	0.046	mg/Kg	1	2/27/2023 1:19:23 PM	73304	
Ethylber	zene	ND	0.046	mg/Kg	1	2/27/2023 1:19:23 PM	73304	
Xylenes,	Total	ND	0.092	mg/Kg	1	2/27/2023 1:19:23 PM	73304	
Sur: 4	4-Bromofluorobenzene	91.8	70-130	%Rec	1	2/27/2023 1:19:23 PM	73304	

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for proparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Que institue Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estin
- B Analyte detected in the associated Method Blank E Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not in Range RL Reporting Limit

Page 17 of 24

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Hall E	nvironmental Analy	rsis Laboratory, l	inc.			Lab Order 2302930 Date Reported: 3/2/202	3			
CLIENT	EOG		Clien	t Sample II	D: BS	23-18 4ft				
Project:	Platt PA Battery	Collection Date: 2/20/2023 10:25:00 AM								
Lab ID:	2302930-018	Matrix: SOIL	R	eceived Dat	e: 2/2	2/2023 7:30:00 AM				
Analyse	5	Result	RL Q	ual Units	DF	Date Analyzed	Batch			
EPA ME	THOD 300.0: ANIONS					Analys	t: NAI			
Chioride	•	62	60	mg/Kg	20	2/23/2023 4:11:19 PM	73338			
EPA ME	THOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analys	t: DGH			
Diesel F	tange Organics (DRO)	29	10	mg/Kg	1	2/23/2023 7:23:27 PM	73319			
Motor O	ll Range Organics (MRO)	68	50	mg/Kg	1	2/23/2023 7:23:27 PM	73319			
Sur:	DNOP	93.1	69-147	%Rec	1	2/23/2023 7:23:27 PM	73319			
EPA ME	THOD 8015D: GASOLINE R	ANGE				Analys	t: CCM			
Gasolin	e Range Organics (GRO)	ND	5.0	mg/Kg	1	2/23/2023 7:43:00 PM	73304			
Surr:	BFB	98.8	37.7-212	%Rec	1	2/23/2023 7:43:00 PM	73304			
EPA ME	THOD 8021B: VOLATILES					Analys	t: JJP			
Benzen	2	ND	0.025	mg/Kg	1	2/27/2023 1:43:15 PM	73304			
Toluene	1	ND	0.050	mg/Kg	1	2/27/2023 1:43:15 PM	73304			
Ethylber	izene	ND	0.050	mg/Kg	1	2/27/2023 1:43:15 PM	73304			
Xylenes		ND	0.10	mg/Kg	1	2/27/2023 1:43:15 PM	73304			
Sur:	4-Bromofluorobenzene	92.8	70-130	%Rec	1	2/27/2023 1:43:15 PM	73304			

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for proparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Que institue Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estin
- B Analyte detected in the associated Method Blank
 Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
 Sample pH Not in Range
 RL Reporting Limit

Page 18 of 24

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Hall Er	ivironmental Analy	rsis Laboratory, I	nc.			Analytical Report Lab Order 2302930 Date Reported: 3/2/20/	23	
CLIENT:	EOG		Cli	ient Sample	D: B	523-19 4ft		
Project:	Platt PA Battery			ollection I	ate: 2/.	20/2023 10:30:00 AM	1	
Lab ID:	2302930-019	Matrix: SOIL Received Date: 2/22/2023 7:30:00 AM						
Analyses		Result	RL	Qual Uni	s DF	Date Analyzed	Batch	
EPA MET	THOD 300.0: ANIONS					Analys	t: NAI	
Chloride		99	60	mg/i	(g 20	2/23/2023 4:23:44 PM	73338	
EPA MET	THOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analys	st: DGH	
Diesel Ra	ange Organics (DRO)	21	9.6	mg/i	(g 1	2/24/2023 3:43:29 PM	73319	
Motor OI	Range Organics (MRO)	57	48	mg/i	(g 1	2/24/2023 3:43:29 PM	73319	
Surr: D	NOP	100	69-147	%Re	c 1	2/24/2023 3:43:29 PM	73319	
EPA MET	THOD 8015D: GASOLINE R	ANGE				Analys	st: CCM	
Gasoline	Range Organics (GRO)	ND	4.9	mg/i	(g 1	2/23/2023 8:03:00 PM	73304	
Surr: B	SFB	98.3	37.7-212	%Re	c 1	2/23/2023 8:03:00 PM	73304	
EPA MET	THOD 8021B: VOLATILES					Analys	st: JJP	
Benzene		ND	0.024	mg/i	(g 1	2/27/2023 2:07:07 PM	73304	
Toluene		ND	0.049	mg/i	(g 1	2/27/2023 2:07:07 PM	73304	
Ethylbenz	zene	ND	0.049	mg/i	(g 1	2/27/2023 2:07:07 PM	73304	
Xylenes,	Total	ND	0.098	mg/i	(g 1	2/27/2023 2:07:07 PM	73304	
Surt: 4	-Bromofluorobenzene	95.4	70-130	%Re	c 1	2/27/2023 2:07:07 PM	73304	

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for proparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Que institue Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estin
- B Analyte detected in the associated Method Blank E Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not in Range RL Reporting Limit

- Page 19 of 24

Hall Environmental Aı		Lab Order 2302930 Date Reported: 3/2/2023							
CLIENT: EOG		Cl	ient Sample II	D: BS	23-20 4ft				
Project: Platt PA Battery		Collection Date: 2/20/2023 10:35:00 AM							
Lab ID: 2302930-020	Matrix: SOIL	Matrix: SOIL Received Date: 2/22/2023 7:30:00 AM							
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analys	t: NAI			
Chloride	π	60	mg/Kg	20	2/23/2023 6:52:37 PM	73347			
EPA METHOD 8015M/D: DIESE	EL RANGE ORGANICS				Analys	t: DGH			
Diesel Range Organics (DRO)	18	9.8	mg/Kg	1	2/24/2023 3:54:11 PM	73319			
Motor Oll Range Organics (MRO)	ND	49	mg/Kg	1	2/24/2023 3:54:11 PM	73319			
Sur: DNOP	120	69-147	%Rec	1	2/24/2023 3:54:11 PM	73319			
EPA METHOD 8015D: GASOLI	NE RANGE				Analys	t: CCM			
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	2/23/2023 8:22:00 PM	73304			
Surt: BFB	96.0	37.7-212	%Rec	1	2/23/2023 8:22:00 PM	73304			
EPA METHOD 8021B: VOLATI	LES				Analys	t: JJP			
Benzene	ND	0.024	mg/Kg	1	2/27/2023 2:54:15 PM	73304			
Toluene	ND	0.049	mg/Kg	1	2/27/2023 2:54:15 PM	73304			
Ethylbenzene	ND	0.049	mg/Kg	1	2/27/2023 2:54:15 PM	73304			
Xylenes, Total	ND	0.097	mg/Kg	1	2/27/2023 2:54:15 PM	73304			
Surr: 4-Bromofluorobenzene	92.8	70-130	%Rec	1	2/27/2023 2:54:15 PM	73304			

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for proparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Que institue Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estin
- B Analyte detected in the associated Method Blank E Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not in Range RL Reporting Limit

Page 20 of 24

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2302930
	02-Mar-23

Client: Project:	EOG Platt PA 1	Battery									
Sample ID:	MB-73338	SampTy	pe: mb	lk	TestCode: EPA Method 300.0: Anions						
Client ID:	PBS	Batch	ID: 733	38	F	RunNo: 94838					
Prep Date:	2/23/2023	Analysis Date: 2/23/2023			5	SeqNo: 34	428253	Units: mg/K			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LC\$-73338	SampT)	pe: Ics		Tes	tCode: EF	A Method	300.0: Anions			
Client ID:	LCSS	Batch ID: 73338				RunNo: 94838					
Prep Date:	2/23/2023	Analysis Da	ite: 2/	23/2023	SeqNo: 3428254 Units: mg/K				9		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Chloride		14	1.5	15.00	0	95.1	90	110			
Sample ID:	MB-73347	SampT)	pe: mb	(k	Tes	tCode: EP	PA Method	300.0: Anions			
Client ID:	PBS	Batch	ID: 733	347	F	RunNo: 94	4838				
Prep Date:	2/23/2023	Analysis Da	ate: 2/2	23/2023	5	SeqNa: 34	428303	Units: mg/K	9		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-73347	SampT)	pe: Ics		Tes	tCode: EF	PA Method	300.0: Anions			
Client ID:	LCSS	Batch	ID: 733	347	F	RunNo: 94	4838				
Prep Date:	2/23/2023	Analysis Da	ate: 2/2	23/2023	:	SeqNa: 34	428304	Units: mg/K	9		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		15	1.5	15.00	0	99.0	90	110			

Qualifiers:

Value ecceeds Maximum Contamina Sample Diluted Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quasitative Limit % Recovery outside of standard limit ant Level

D H ND

PQL S

Analyte detected in the associated Method II Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pit Not In Range

BEJP

RL. Reporting Limit Page 21 of 24

QC SUMMARY REPORT	WO#:	2302930
Hall Environmental Analysis Laboratory, Inc.		02-Mar-23

Client: EOG	A. D									
Project: Platt P	A Battery									
Sample ID: LCS-73319	Tes	stCode: EF	PA Method	8015M/D: Die	sel Range	Organics				
Client ID: LCSS Batch ID: 73319			F	RunNo: 94	848					
Prep Date: 2/22/2023	Analysis Date: 2/23/2023			SeqNo: 3427959 Units: mg				9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	88.3	61.9	130			
Surr: DNOP	4.1		5.000		82.4	69	147			
Sample ID: MB-73319	SampT	ype: Me	3LK	Tes	itCode: EP	A Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch	ID: 73	319	F	RunNo: 94	848				
Prep Date: 2/22/2023	Analysis D	ate: 2/	23/2023	:	SeqNo: 34	27962	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.1		10.00		90.6	69	147			

Qualifiers:

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Value exceeds Maximum Contaminant Level. Sample Dibried Due to Matrix Holding times for preparation or analysis encode Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of standard limits. If unditra D H ND PQL S

B Analyte detected in the associated Method Illank
 E Above Quantitation Range/Entimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not In Range
 RL. Reporting Limit

Page 22 of 24

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QC SUMMARY REPORT	WO#:	2302930
Hall Environmental Analysis Laboratory, Inc.		02-Mar-23

Client: EOC Project: Plat	3 t PA Battery									
Sample ID: Ics-73304 Client ID: LCSS		Type: LC h ID: 73;			TestCode: EPA Method 8015D: Gasoline Range RunNo: 94853					
Prep Date: 2/22/2023	Analysis (Date: 20	23/2023	5	SeqNo: 34	28438	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range Organics (GRC Surr: BFB) 26 2300	5.0	25.00 1000	0	104 228	72.3 37.7	137 212			s
Sample ID: mb-73304 Client ID: PBS		Type: Me h ID: 73			tCode: EF RunNo: 94		8015D: Gasol	ine Range		
Prep Date: 2/22/2023	Analysis (Date: 2/	23/2023	5	SeqNa: 34	28440	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range Organics (GRC Surr. BFB) ND 1000	5.0	1000		104	37.7	212			

Qualifiers:

• ant Level

D H ND PQL S

Value exceeds Maximum Contamins Sample Dikted Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantitative Limit % Recovery outside of standard limit

Analyte detected in the associated Method IS Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pH Not In Range Raporting Limit B E J P RL

Page 23 of 24

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2302930 02-Mar-23

QC SUMMARY REPORT	WO#:
Hall Environmental Analysis Laboratory, Inc.	

Client: E	OG									
Project: Pl	att PA Battery									
Sample ID: Ics-73304	Samp	Type: LC	5	Tes	TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS	Batc	h ID: 733	304	F	RunNo: 94	1853				
Prep Date: 2/22/2023	3 Analysis i	Analysis Date: 2/23/2023			SeqNo: 34	28437	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	1.000	0	85.8	80	120			
Toluene	0.87	0.050	1.000	0	86.6	80	120			
Ethylbenzene	0.87	0.050	1.000	0	86.7	80	120			
Xylenes, Total	2.6	0.10	3.000	0	86.7	80	120			
Surr: 4-Bromofluorobenzer	ne 0.86		1.000		86.4	70	130			
ourr. + oronolidorobenze	1e 0.00									
Sample ID: mb-73304		Type: MB		Tes	tCode: EF	A Method	8021B: Volati	les		
	Samp	Type: MB h ID: 733	al K		tCode: EF RunNo: 94		8021B: Volati	188		
Sample ID: mb-73304 Client ID: PBS	Samp Batc	h ID: 733	8LK 304	F		1853	8021B: Volati Units: mg/K			
Sample ID: mb-73304	Samp Batc	h ID: 733	8LK 304 23/2023	F	RunNo: 94 SeqNo: 34	1853	Units: mg/K		RPDLImit	Qual
Sample ID: mb-73304 Client ID: PBS Prep Date: 2/22/2023 Analyte	Samp Bate 3 Analysis I	n ID: 733 Date: 20	8LK 304 23/2023	F	RunNo: 94 SeqNo: 34	1853 128441	Units: mg/K	9	RPDLImit	Qual
Sample ID: mb-73304 Client ID: PBS Prep Date: 2/22/2023 Analyte Berzene	Samp Bato 3 Analysis I Result	n ID: 733 Date: 202 PQL	8LK 304 23/2023	F	RunNo: 94 SeqNo: 34	1853 128441	Units: mg/K	9	RPDLImit	Qual
Sample ID: mb-73304 Client ID: PBS Prep Date: 2/22/2023 Analyte Berzene Tokene	Samp Bato 8 Analysis I Result ND	h ID: 733 Date: 212 PQL 0.025	8LK 304 23/2023	F	RunNo: 94 SeqNo: 34	1853 128441	Units: mg/K	9	RPDLImit	Qual
Sample ID: mb-73304 Client ID: PBS Prep Date: 2/22/2023	Samp Bato 8 Analysis I Result ND ND	h ID: 733 Date: 2/2 PQL 0.025 0.050	8LK 304 23/2023	F	RunNo: 94 SeqNo: 34	1853 128441	Units: mg/K	9	RPDLImit	Qual

Qualifiers:

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D H ND PQL S

Velos exceede Meximum Contaminant Level. Sample Dibried Due to Matrix Holding times for preparation or analysis enceeded Not Detected at the Reporting Limit Practical Quantative Limit % Recovery outside of standard limits. If undikted to

B Analyte detected in the associated Method Illank
 E Above Quantitation Range/Entimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not In Range
 RL. Reporting Limit

Page 24 of 24

Released to Imaging: 12/29/2023 7:55:04 AM

HALL ENVIRON ANALYSI LABORAT	-	il.	79	ll Externation Alla 1. 1915–1415-1971 Roberts: men ska	1901 Han iyonargan, NA 19430 593-5	tins NE 14 82 166 45-41 07	Sample Log-In Check List			
Client Namo: EO)G		Work	Order Number:	2302933			RoptNo: 1		
Received By. J	uan Roja	3	2/22/20	23 7:30:00 AM		6-24	ndy lij	÷		
	асу Саел 1 2-22		2/22/20	23 8:04:27 AM						
Citain of Custod	lv.									
1. Is Chain of Custo		ete?			Үөв 📋	N	N o	Not Pressui 🗔		
2. How was the sam	- ·				Cousier					
<u>Log In</u> 3. Was an alternot n	naco te si	ol the samp	86?		Yes 🔽	N	٥N	NA L		
4. Were all samples	ieceivori	at a tomporal	une of ×0° CI	to 6.0°C	Yes 🗹	N	oП	NA E		
ව්. Sample(s) in prop	ie: contar	var(s)?			Yes 🗹	N	٥П			
6, Sufficient sample	vulume fa	r ind called te	st(s)?		Yes 🗹	N	s 🗔			
7. And samples (exce	apt VOA s	ne ONG) pro	perly preserve	ed?	Yas 🕑	No	Ъ			
8 Was preservativa	edced to	bolikes?			Yes 🗋	No	> ⊻	NA 📙		
9. Received at east 10. Were any sample				10AS	Yes 📙 Yes 🗖) □ • ⊻	NA 🕅 # of preserved		
11.Does paperwork n (Note discrepancie					Yes 🖌	No	, <u> </u>	for pH ⁺ (<2 or >* 2 ugless	no/ed)	
\$2. Are matrices corre					Yes 🗹	No	, п	Adjusted?		
13, Is if clear what ana	-		-		Yes 🔽	Nr	чЦ			
14. Were all holding the (If no, notify cusion					Yes 🗠	No		Checked by Jr. J.	22/23	
Special Handling	(II app	licable)								
15. Was client notifica	d of all dis	crepanciee w	illi Uris order?		Yes 🔔	N	ъЦ	NA M		
Person Noti By Whom, Regarding, Client Instru	I	B1 0 - 04		Rater J Vla: :_	_ aMeil _	j Phoise (_ Fax	in Person		
16. Additional rensert	a santa									
17. <u>Cooter Informat</u>										
Cooser No 1 ¹ i 21	and shares and second second	Condition Cood	Seal fulaci Yes	Seal No S Morty	oal Date	l Signor	1 Phy	ſ		
Page 1 of 1										

49U1 Havk.ns NE - 305.345-4107 7d. 505-345-3975 = 2ax 505-345-4107 7d. 505-345-3975 = 2ax 505-345-4107 7d. 505-345-3975 = 2ax 505-345-4107	(1/208) a'8MT \ HIRT (X) INTRE \ TMB's (8021) (ORM \ ORO \ D(K)) (A) (A) (A) (A) (A) (A) (A) (A) (A) (WILL VIE UNV TITUE REMARKS. MAN 2/1/2015 CC.º CHANCE D: FON & COMING CONTROL OF CONTINUE OF CONTINUE OF CC.º CHANCE D: FON & CONTROL OF CONTINUES OF CONTINUES OF CONTROL OF CO
Client: EO(- Resources Tum-Around Time: Client: EO(- Resources U Standarc Rush URHC Mailing Add Tass: On Cile Project Name: Mailing Add Tass: On Cile Project Name: Project #: Project #:	Faret: Earet: Earet:<	Date: Trins. Retinuisided by: The Retinuisided by: Vis. Vis. Unive Time Retrighted by: The Retrighted by: The Retrighted by: Vis. Vis. Unive Time Retrighted by: The Color OC FOW & Color OC FOW & Color VI & Col

Released to Imaging: 12/29/2023 7:55:04 AM



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquergue, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

March 31, 2023 Chance Dixon EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX

OrderNo.: 2303C36

Dear Chance Dixon:

RE: Platt PA Battery

Hall Environmental Analysis Laboratory received 12 sample(s) on 3/24/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

and

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis	all Environmental Analysis Laboratory, Inc.					Lab Order 2303C36 Date Reported: 3/31/202	3
CLIENT: EOG		Client Sample ID: BS23-21 4ft					
Project: Platt PA Battery			Collectio	n Date	e: 3/2	2/2023 9:00:00 AM	
Lab ID: 2303C36-001	Matrix: SOIL		Receive	d Dat	e: 3/2	4/2023 7:25:00 AM	
Analyses	Result	RL	Qual U	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	CAS
Chioride	2400	150	r	mg/Kg	50	3/28/2023 10:56:16 AM	73947
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst:	PRD
Diesel Range Organics (DRO)	93	9.7		mg/Kg	1	3/29/2023 2:32:41 PM	73997
Motor OII Range Organics (MRO)	120	49		mg/Kg	1	3/29/2023 2:32:41 PM	73997
Sur: DNOP	92.9	69-147		%Rec	1	3/29/2023 2:32:41 PM	73997
EPA METHOD 8015D: GASOLINE RANG	BE					Analyst:	CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/28/2023 1:48:00 AM	73922
Sur: BFB	86.1	37.7-212	9	%Rec	1	3/28/2023 1:48:00 AM	73922
EPA METHOD 8021B: VOLATILES						Analyst:	ССМ
Benzene	ND	0.025	r	mg/Kg	1	3/28/2023 1:48:00 AM	73922
Toluene	ND	0.049		mg/Kg	1	3/28/2023 1:48:00 AM	73922
Ethylbenzene	ND	0.049	r	mg/Kg	1	3/28/2023 1:48:00 AM	73922
Xylenes, Total	ND	0.099		mg/Kg	1	3/28/2023 1:48:00 AM	73922
Surr: 4-Bromofluorobenzene	85.9	70-130	9	%Rec	1	3/28/2023 1:48:00 AM	73922

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PCI Practical Quanitative Limit
 S % Recovery outside of standard limits. If undiluted results may be estim
- B Analyte detected in the associated Method Blank
 E Above Quantitation Range Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not: In Range
 RL. Reporting Limit

Page 1 of 17

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Analytical Report

Hall Environmental Analysis Laboratory, Inc. Lab Order 2303C3 Date Reported: 3/3								
CLIENT: EOG		Client Sample ID: BS23-22 4ft						
Project: Platt PA Battery		c	ollection Dat	e: 3/2	2/2023 9:05:00 AM			
Lab ID: 2303C36-002	Matrix: SOIL	:	Received Dat	e: 3/2	4/2023 7:25:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst:	CAS		
Chloride	2400	150	mg/Kg	50	3/28/2023 11:08:37 AM	73947		
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst:	PRD		
Diesel Range Organics (DRO)	77	10	mg/Kg	1	3/29/2023 2:54:09 PM	73997		
Motor OII Range Organics (MRO)	110	52	mg/Kg	1	3/29/2023 2:54:09 PM	73997		
Sur: DNOP	93.4	69-147	%Rec	1	3/29/2023 2:54:09 PM	73997		
EPA METHOD 8015D: GASOLINE R	ANGE				Analyst:	ССМ		
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	3/28/2023 2:09:00 AM	73922		
Surr. BFB	88.8	37.7-212	%Rec	1	3/28/2023 2:09:00 AM	73922		
EPA METHOD 8021B: VOLATILES					Analyst:	CCM		
Benzene	ND	0.024	mg/Kg	1	3/28/2023 2:09:00 AM	73922		
Toluene	ND	0.047	mg/Kg	1	3/28/2023 2:09:00 AM	73922		
Ethylbenzene	ND	0.047	mg/Kg	1	3/28/2023 2:09:00 AM	73922		
Xylenes, Total	ND	0.094	mg/Kg	1	3/28/2023 2:09:00 AM	73922		
Surr: 4-Bromofluorobenzene	89.9	70-130	%Rec	1	3/28/2023 2:09:00 AM	73922		

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanizative Limit
 S % Recovery outside of standard limits. If undiluted results may be estim
- B Analyte detected in the associated Method Blank
 E Above Quantitation Range Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not: In Range
 RL. Reporting Limit

Page 2 of 17

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Analytical Report

Hall Environmental Analysis	Laboratory,	Inc.				Lab Order 2303C36 Date Reported: 3/31/202	3	
CLIENT: EOG		C	ient Sa	mple II	D: BS	23-23 4ft		
Project: Platt PA Battery			Collectio	on Dat	e: 3/2	2/2023 9:10:00 AM		
Lab ID: 2303C36-003	Matrix: SOIL		Receiv	ed Dat	e: 3/2	4/2023 7:25:00 AM	1	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS						Analyst	CAS	
Chioride	3300	150		mg/Kg	50	3/28/2023 11:20:58 AM	73947	
EPA METHOD 8015M/D: DIESEL RANGE	E ORGANICS					Analyst:	PRD	
Diesel Range Organics (DRO)	100	9.8		mg/Kg	1	3/28/2023 5:19:48 PM	73950	
Motor OII Range Organics (MRO)	120	49		mg/Kg	1	3/28/2023 5:19:48 PM	73950	
Sur: DNOP	86.4	69-147		%Rec	1	3/28/2023 5:19:48 PM	73950	
EPA METHOD 8015D: GASOLINE RANG	E					Analyst:	ССМ	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/28/2023 2:31:00 AM	73922	
Sur: BFB	88.1	37.7-212		%Rec	1	3/28/2023 2:31:00 AM	73922	
EPA METHOD 8021B: VOLATILES						Analyst:	CCM	
Benzene	ND	0.025		mg/Kg	1	3/28/2023 2:31:00 AM	73922	
Toluene	ND	0.049		mg/Kg	1	3/28/2023 2:31:00 AM	73922	
Ethylbenzene	ND	0.049		mg/Kg	1	3/28/2023 2:31:00 AM	73922	
Xylenes, Total	ND	0.098		mg/Kg	1	3/28/2023 2:31:00 AM	73922	
Surr: 4-Bromofluorobenzene	85.7	70-130		%Rec	1	3/28/2023 2:31:00 AM	73922	

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanizative Limit
 S % Recovery outside of standard limits. If undiluted results may be estim
- B Analyte detected in the associated Method Blank
 E Above Quantitation Range Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not: In Range
 RL. Reporting Limit

Analytical Report

- Page 3 of 17

Hall Environmental Analy	sis Laboratory,	Inc.			Analytical Report Lab Order 2303C36 Date Reported: 3/31/202	23
CLIENT: EOG		C	ient Sample II): BS	23-24 4ft	
Project: Platt PA Battery			Collection Dat	e: 3/2	2/2023 9:15:00 AM	
Lab ID: 2303C36-004	Matrix: SOIL Received Date: 3/24/2023 7:25:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chioride	5500	300	mg/Kg	100	3/28/2023 11:33:19 AM	73947
EPA METHOD 8015M/D: DIESEL RAN	IGE ORGANICS				Analyst	PRD
Diesel Range Organics (DRO)	170	10	mg/Kg	1	3/28/2023 4:01:02 PM	73950
Motor Oli Range Organics (MRO)	200	50	mg/Kg	1	3/28/2023 4:01:02 PM	73950
Sur: DNOP	83.6	69-147	%Rec	1	3/28/2023 4:01:02 PM	73950
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/28/2023 2:52:00 AM	73922
Surt: BFB	87.9	37.7-212	%Rec	1	3/28/2023 2:52:00 AM	73922
EPA METHOD 8021B: VOLATILES					Analyst	ССМ
Benzene	ND	0.024	mg/Kg	1	3/28/2023 2:52:00 AM	73922
Toluene	ND	0.048	mg/Kg	1	3/28/2023 2:52:00 AM	73922
Ethylbenzene	ND	0.048	mg/Kg	1	3/28/2023 2:52:00 AM	73922
Xylenes, Total	ND	0.096	mg/Kg	1	3/28/2023 2:52:00 AM	73922
Surr: 4-Bromofluorobenzene	88.1	70-130	%Rec	1	3/28/2023 2:52:00 AM	73922

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanizative Limit
 S % Recovery outside of standard limits. If undiluted results may be estim
- B Analyte detected in the associated Method Blank
 E Above Quantitation Range Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not: In Range
 RL. Reporting Limit

Page 4 of 17

Hall Environmental Analysi	all Environmental Analysis Laboratory, Inc				Lab Order 2303C36 Date Reported: 3/31/2023					
CLIENT: EOG		Cli	Client Sample ID: BS23-25 4ft							
Project: Platt PA Battery		c	ollection Dat	e: 3/2	2/2023 9:20:00 AM					
Lab ID: 2303C36-005	Matrix: SOIL	:	Received Dat	e: 3/2	4/2023 7:25:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA METHOD 300.0: ANIONS					Analyst	CAS				
Chioride	5600	300	mg/Kg	100	3/28/2023 11:45:40 AM	73947				
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst:	PRD				
Diesel Range Organics (DRO)	100	9.6	mg/Kg	1	3/29/2023 2:09:35 PM	73950				
Motor Oli Range Organics (MRO)	120	48	mg/Kg	1	3/29/2023 2:09:35 PM	73950				
Sur: DNOP	90.5	69-147	%Rec	1	3/29/2023 2:09:35 PM	73950				
EPA METHOD 8015D: GASOLINE RANG	GE				Analyst:	CCM				
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/28/2023 3:14:00 AM	73922				
Sur: BFB	88.0	37.7-212	%Rec	1	3/28/2023 3:14:00 AM	73922				
EPA METHOD 8021B: VOLATILES					Analyst:	CCM				
Benzene	ND	0.024	mg/Kg	1	3/28/2023 3:14:00 AM	73922				
Toluene	ND	0.048	mg/Kg	1	3/28/2023 3:14:00 AM	73922				
Ethylbenzene	ND	0.048	mg/Kg	1	3/28/2023 3:14:00 AM	73922				
Xylenes, Total	ND	0.097	mg/Kg	1	3/28/2023 3:14:00 AM	73922				
Surr: 4-Bromofluorobenzene	88.8	70-130	%Rec	1	3/28/2023 3:14:00 AM	73922				

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanizative Limit
 S % Recovery outside of standard limits. If undiluted results may be estim
- B Analyte detected in the associated Method Blank
 E Above Quantitation Range Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not: In Range
 RL. Reporting Limit

Analytical Report

Page 5 of 17

Hall Environmenta	l Analysis Laboratory	, Inc.			Analytical Report Lab Order 2303C36 Date Reported: 3/31/202	3	
CLIENT: EOG		Cl	ient Sample II	D: BS	23-26 4ft		
Project: Platt PA Battery			Collection Dat	e: 3/2	2/2023 9:25:00 AM		
Lab ID: 2303C36-006	Matrix: SOIL	Matrix: SOIL Received Date: 3/24/2023 7:25:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIO	NS				Analyst	CAS	
Chioride	5600	300	mg/Kg	100	3/28/2023 11:58:01 AM	73960	
EPA METHOD 8015M/D: D	ESEL RANGE ORGANICS				Analyst:	PRD	
Diesel Range Organics (DRO) 190	10	mg/Kg	1	3/28/2023 4:54:11 PM	73950	
Motor Oil Range Organics (M	RO) 190	51	mg/Kg	1	3/28/2023 4:54:11 PM	73950	
Sur: DNOP	95.8	69-147	%Rec	1	3/28/2023 4:54:11 PM	73950	
EPA METHOD 8015D: GAS	OLINE RANGE				Analyst	ССМ	
Gasoline Range Organics (Gi	RO) ND	4.9	mg/Kg	1	3/28/2023 3:35:00 AM	73922	
Surr: BFB	86.6	37.7-212	%Rec	1	3/28/2023 3:35:00 AM	73922	
EPA METHOD 8021B: VOL	ATILES				Analyst	ССМ	
Benzene	ND	0.025	mg/Kg	1	3/28/2023 3:35:00 AM	73922	
Toluene	ND	0.049	mg/Kg	1	3/28/2023 3:35:00 AM	73922	
Ethylbenzene	ND	0.049	mg/Kg	1	3/28/2023 3:35:00 AM	73922	
Xylenes, Total	ND	0.099	mg/Kg	1	3/28/2023 3:35:00 AM	73922	
Surr: 4-Bromofluorobenzen	e 85.5	70-130	%Rec	1	3/28/2023 3:35:00 AM	73922	

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanizative Limit
 S % Recovery outside of standard limits. If undiluted results may be estim
- B Analyte detected in the associated Method Blank
 E Above Quantitation Range Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not: In Range
 RL. Reporting Limit

Page 6 of 17

Hall Environmental Analysis	Laboratory,	Inc.			Lab Order 2303C36 Date Reported: 3/31/202	3		
CLIENT: EOG		C	Client Sample ID: BS23-27 4ft					
Project: Platt PA Battery			Collection Dat	e: 3/2	22/2023 9:30:00 AM			
Lab ID: 2303C36-007	Matrix: SOIL		Received Dat	e: 3/2	24/2023 7:25:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	CAS		
Chioride	5500	300	mg/Kg	10	0 3/28/2023 12:10:22 PM	73960		
EPA METHOD 8015M/D: DIESEL RANGE	E ORGANICS				Analyst	PRD		
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	3/28/2023 1:09:06 PM	73950		
Motor OII Range Organics (MRO)	ND	49	mg/Kg	1	3/28/2023 1:09:06 PM	73950		
Sur: DNOP	86.6	69-147	%Rec	1	3/28/2023 1:09:06 PM	73950		
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	CCM		
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	3/28/2023 3:57:00 AM	73922		
Sur: BFB	89.5	37.7-212	%Rec	1	3/28/2023 3:57:00 AM	73922		
EPA METHOD 8021B: VOLATILES					Analyst	CCM		
Benzene	ND	0.023	mg/Kg	1	3/28/2023 3:57:00 AM	73922		
Toluene	ND	0.047	mg/Kg	1	3/28/2023 3:57:00 AM	73922		
Ethylbenzene	ND	0.047	mg/Kg	1	3/28/2023 3:57:00 AM	73922		
Xylenes, Total	ND	0.094	mg/Kg	1	3/28/2023 3:57:00 AM	73922		
Surr: 4-Bromofluorobenzene	88.4	70-130	%Rec	1	3/28/2023 3:57:00 AM	73922		

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanizative Limit
 S % Recovery outside of standard limits. If undiluted results may be estim
- B Analyte detected in the associated Method Blank
 E Above Quantitation Range Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not: In Range
 RL. Reporting Limit

Analytical Report

- Page 7 of 17

Hall Environmental Analys	sis Laboratory,	Inc.			Analytical Report Lab Order 2303C36 Date Reported: 3/31/202	23
CLIENT: EOG		Cl	ient Sample II	D: BS	23-28 4ft	
Project: Platt PA Battery			Collection Dat	e: 3/2	2/2023 9:35:00 AM	
Lab ID: 2303C36-008	Matrix: SOIL Received Date: 3/24/2023 7:25:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chioride	6100	300	mg/Kg	100	3/28/2023 12:22:42 PM	73960
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst	PRD
Diesel Range Organics (DRO)	220	9.5	mg/Kg	1	3/28/2023 5:15:33 PM	73950
Motor Oli Range Organics (MRO)	220	47	mg/Kg	1	3/28/2023 5:15:33 PM	73950
SUIT: DNOP	84.4	69-147	%Rec	1	3/28/2023 5:15:33 PM	73950
EPA METHOD 8015D: GASOLINE RAI	NGE				Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/28/2023 4:18:00 AM	73922
Sur: BFB	84.9	37.7-212	%Rec	1	3/28/2023 4:18:00 AM	73922
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.024	mg/Kg	1	3/28/2023 4:18:00 AM	73922
Toluene	ND	0.048	mg/Kg	1	3/28/2023 4:18:00 AM	73922
Ethylbenzene	ND	0.048	mg/Kg	1	3/28/2023 4:18:00 AM	73922
Xylenes, Total	ND	0.095	mg/Kg	1	3/28/2023 4:18:00 AM	73922
Surr: 4-Bromofluorobenzene	87.2	70-130	%Rec	1	3/28/2023 4:18:00 AM	73922

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanizative Limit
 S % Recovery outside of standard limits. If undiluted results may be estim
- B Analyte detected in the associated Method Blank
 E Above Quantitation Range Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not: In Range
 RL. Reporting Limit

Page 8 of 17

Hall E	all Environmental Analysis Laboratory, Inc			Lab Order 2303C36 Date Reported: 3/31/2023					
CLIENT:	EOG		Cl	ient S	ample II	D: BS	23-29 4ft		
Project:	Platt PA Battery			Collect	tion Dat	e: 3/2	2/2023 9:40:00 AM		
Lab ID:	2303C36-009	Matrix: SOIL	DIL Received Date: 3/24/2023 7:25:00 AM						
Analyses	i	Result	RL	Qual	Units	DF	Date Analyzed	Batch	
EPA ME	THOD 300.0: ANIONS						Analyst:	SNS	
Chioride	E Contraction of the second	1200	60		mg/Kg	20	3/27/2023 7:50:45 PM	73960	
EPA MET	THOD 8015M/D: DIESEL RAM	IGE ORGANICS					Analyst:	PRD	
Diesel R	ange Organics (DRO)	860	98		mg/Kg	10	3/28/2023 1:41:06 PM	73950	
Motor O	ll Range Organics (MRO)	620	490		mg/Kg	10	3/28/2023 1:41:06 PM	73950	
Sur:	DNOP	0	69-147	S	%Rec	10	3/28/2023 1:41:06 PM	73950	
EPA MET	THOD 8015D: GASOLINE RA	NGE					Analyst:	CCM	
Gasoline	e Range Organics (GRO)	ND	5.0		mg/Kg	1	3/28/2023 4:40:00 AM	73922	
Sur: I	BFB	89.2	37.7-212		%Rec	1	3/28/2023 4:40:00 AM	73922	
EPA MET	THOD 8021B: VOLATILES						Analyst:	CCM	
Benzene	2	ND	0.025		mg/Kg	1	3/28/2023 4:40:00 AM	73922	
Toluene		ND	0.050		mg/Kg	1	3/28/2023 4:40:00 AM	73922	
Ethylber	izene	ND	0.050		mg/Kg	1	3/28/2023 4:40:00 AM	73922	
Xylenes,		ND	0.099		mg/Kg	1	3/28/2023 4:40:00 AM	73922	
Sum	4-Bromofluorobenzene	87.4	70-130		%Rec	1	3/28/2023 4:40:00 AM	73922	

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanizative Limit
 S % Recovery outside of standard limits. If undiluted results may be estim
- B Analyte detected in the associated Method Blank
 E Above Quantitation Range Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not: In Range
 RL. Reporting Limit

- Page 9 of 17

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Analytical Report

Hall E	nvironmental Analy	rsis Laboratory,	Inc.			Analytical Report Lab Order 2303C36 Date Reported: 3/31/202	13	
CLIENT:	EOG		CI	ient Sample II	D: BS	23-30 4ft		
Project:	Platt PA Battery			Collection Dat	e: 3/2	2/2023 9:45:00 AM		
Lab ID:	2303C36-010	Matrix: SOIL	Matrix: SOIL Received Date: 3/24/2023 7:25:00 AM					
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	THOD 300.0: ANIONS					Analyst	CAS	
Chioride	E. C.	5000	300	mg/Kg	100	3/28/2023 12:35:03 PM	73960	
EPA MET	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	PRD	
Diesel R	ange Organics (DRO)	ND	9.7	mg/Kg	1	3/28/2023 1:51:52 PM	73950	
Motor O	I Range Organics (MRO)	ND	48	mg/Kg	1	3/28/2023 1:51:52 PM	73950	
Sur: I	DNOP	85.8	69-147	%Rec	1	3/28/2023 1:51:52 PM	73950	
EPA MET	THOD 8015D: GASOLINE RA	ANGE				Analyst	ССМ	
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	3/28/2023 5:01:00 AM	73922	
Surr: I	BFB	88.6	37.7-212	%Rec	1	3/28/2023 5:01:00 AM	73922	
EPA MET	THOD 8021B: VOLATILES					Analyst	CCM	
Benzene	•	ND	0.024	mg/Kg	1	3/28/2023 5:01:00 AM	73922	
Toluene		ND	0.048	mg/Kg	1	3/28/2023 5:01:00 AM	73922	
Ethylben	izene	ND	0.048	mg/Kg	1	3/28/2023 5:01:00 AM	73922	
Xylenes,	Total	ND	0.096	mg/Kg	1	3/28/2023 5:01:00 AM	73922	
Suff: 4	4-Bromofluorobenzene	88.4	70-130	%Rec	1	3/28/2023 5:01:00 AM	73922	

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PCI Practical Quanitative Limit
 S % Recovery outside of standard limits. If undiluted results may be estim

Page 10 of 17

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B Analyte detected in the associated Method Blank
 E Above Quantitation Range Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not: In Range
 RL. Reporting Limit

Released to Imaging: 12/29/2023 7:55:04 AM

Hall Environmental Analy	Inc.	Lab Order 2303C36 Date Reported: 3/31/2023					
CLIENT: EOG		Clie	nt Sample II): WS	523-35 4ft		
Project: Platt PA Battery		C	llection Dat	e: 3/2	2/2023 1:00:00 PM		
Lab ID: 2303C36-011	Matrix: SOIL	SOIL Received Date: 3/24/2023 7:25:00 AM					
Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	: SNS	
Chioride	64	60	mg/Kg	20	3/27/2023 8:40:24 PM	73960	
EPA METHOD 8015M/D: DIESEL RAM	IGE ORGANICS				Analyst	: PRD	
Diesel Range Organics (DRO)	ND	8.6	mg/Kg	1	3/28/2023 7:15:03 AM	73945	
Motor Oli Range Organics (MRO)	ND	43	mg/Kg	1	3/28/2023 7:15:03 AM	73945	
Sur: DNOP	82.0	69-147	%Rec	1	3/28/2023 7:15:03 AM	73945	
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst	: JJP	
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/28/2023 10:17:02 AM	73946	
Sur: BFB	95.4	37.7-212	%Rec	1	3/28/2023 10:17:02 AM	73946	
EPA METHOD 8021B: VOLATILES					Analyst	: JJP	
Benzene	ND	0.024	mg/Kg	1	3/28/2023 10:17:02 AM	73946	
Toluene	ND	0.048	mg/Kg	1	3/28/2023 10:17:02 AM	73946	
Ethylbenzene	ND	0.048	mg/Kg	1	3/28/2023 10:17:02 AM	73946	
Xylenes, Total	ND	0.097	mg/Kg	1	3/28/2023 10:17:02 AM	73946	
Surr: 4-Bromofluorobenzene	87.4	70-130	%Rec	1	3/28/2023 10:17:02 AM	73946	

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PCI Practical Quanitative Limit
 S % Recovery outside of standard limits. If undiluted results may be estim
- B Analyte detected in the associated Method Blank
 E Above Quantitation Range Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not: In Range
 RL. Reporting Limit

Page 11 of 17

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Analytical Report

Hall Environmental Analy	ysis Laboratory,	Inc.			Analytical Report Lab Order 2303C36 Date Reported: 3/31/202	3
CLIENT: EOG		Cl	ient Sample II	D: W	\$23-36 4ft	
Project: Platt PA Battery			Collection Dat	e: 3/2	22/2023 1:05:00 PM	
Lab ID: 2303C36-012	Matrix: SOIL Received Date: 3/24/2023 7:25:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	SNS
Chioride	64	60	mg/Kg	20	3/27/2023 8:52:48 PM	73960
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst:	PRD
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	3/28/2023 7:25:17 AM	73945
Motor Oli Range Organics (MRO)	ND	48	mg/Kg	1	3/28/2023 7:25:17 AM	73945
SUIT: DNOP	89.3	69-147	%Rec	1	3/28/2023 7:25:17 AM	73945
EPA METHOD 8015D: GASOLINE RA	ANGE				Analyst	JJP
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/28/2023 10:40:36 AM	73946
Surr: BFB	95.5	37.7-212	%Rec	1	3/28/2023 10:40:36 AM	73946
EPA METHOD 8021B: VOLATILES					Analyst	JJP
Benzene	ND	0.024	mg/Kg	1	3/28/2023 10:40:36 AM	73946
Toluene	ND	0.048	mg/Kg	1	3/28/2023 10:40:36 AM	73946
Ethylbenzene	ND	0.048	mg/Kg	1	3/28/2023 10:40:36 AM	73946
Xylenes, Total	ND	0.096	mg/Kg	1	3/28/2023 10:40:36 AM	73946
Surr: 4-Bromofluorobenzene	87.0	70-130	%Rec	1	3/28/2023 10:40:36 AM	73946

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PCI Practical Quanitative Limit
 S % Recovery outside of standard limits. If undiluted results may be estim
- B Analyte detected in the associated Method Blank
 E Above Quantitation Range Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not: In Range
 RL. Reporting Limit

- Page 12 of 17

WO#:	2303C36
	31-Mar-23

Client: Project:	EOG Platt PA	Battery							
Sample ID: Client ID:	MB-73947	SampType: Batch ID:			tCode: EPA Me RunNo: 95598	ethod 300.0: Anion	3		
	3/27/2023	Analysis Date:			GeqNo: 345931	0 Units: mg/K	9		
Analyte Chloride			L SPK value	SPK Ref Val	%REC Low	Limit HighLimit	%RPD	RPDLImit	Qual
Client ID:	LCS-73947 LCSS 3/27/2023	SampType: Batch ID: Analysis Date:	73947	F	tCode: EPA Me RunNo: 95598 SeqNo: 345931	ethod 300.0: Anion 11 Units: mg/K	-		
Analyte Chloride			L SPK value .5 15.00	SPK Ref Val 0	%REC Low 91.8	Limit HighLimit 90 110	%RPD	RPDLimit	Qual
Client ID: Prep Date:	MB-73960 PBS 3/27/2023	SampType: Batch ID: Analysis Date:	73960 3/27/2023	F	RunNo: 95598 SeqNo: 345934		9		
Analyte Chloride			L SPK value .5	SPK Ref Val	%REC Low	Limit HighLimit	%RPD	RPDLImit	Qual
Client ID:	LCS-73960 LCSS 3/27/2023	SampType: Batch ID: Analysis Date:	73960	F	tCode: EPA Me RunNo: 95598 SeqNo: 345934	ethod 300.0: Anion: IS Units: mg/K			
Analyte Chloride			L SPK value .5 15.00	SPK Ref Val 0	%REC Low 92.7	Umit HighLimit 90 110	%RPD	RPDLImit	Qual

Qualifiers:

. Value et ds Maxi n Cont

D H ND PQL Sample Diluted Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantitative Limit

side of st

d in the ass ated Method Blasi Above Quantitation Range Estimated Value Analyte detected below quantitation limits Sample pl1 Not In Range Reporting Limit

E J P RL

Page 13 of 17

WO#: 23	03C36
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31-Mar-23

Client: EOG Project: Platt PA	A Battery
Sample ID: MB-73945	SampType: MBLK TestCode: EPA Method 8015M/D: Diesei Range Organics
Client ID: PBS	Batch ID: 73945 RunNo: 95601
Prep Date: 3/27/2023	
Prep Date. 3/2/12023	
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10 ND 50
Motor Oil Range Organics (MRO) Surr: DNOP	ND 50 9.3 10.00 93.2 69 147
Sample ID: MB-73950	SampType: MBLK TestCode: EPA Method 8015M/D: Diesei Range Organics
Client ID: PBS	Batch ID: 73950 RunNo: 95601
Prep Date: 3/27/2023	Analysis Date: 3/28/2023 SeqNo: 3459546 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10
Motor Oil Range Organics (MRO)	ND 50
Surr: DNOP	8.7 10.00 87.2 69 147
Sample ID: LCS-73945	SampType: LC\$ TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 73345 RunNo: 95601
Prep Date: 3/27/2023	Analysis Date: 3/28/2023 SeqNo: 3459550 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	42 10 50.00 0 83.4 61.9 130
Sum: DNOP	4.4 5.000 88.1 69 147
Sample ID: LCS-73950	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 73950 RunNo: 95601
Prep Date: 3/27/2023	Analysis Date: 3/28/2023 SeqNo: 3459551 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	42 10 50.00 0 84.8 61.9 130
Sum: DNOP	4.3 5.000 85.5 69 147
Sample ID: MB-73997	SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 73997 RunNo: 95646
Prep Date: 3/29/2023	Analysis Date: 3/29/2023 SeqNo: 3461213 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10
Motor Oil Range Organics (MRO)	ND 50
Surr: DNOP	8.8 10.00 87.7 69 147

Qualifiers:

. Value et ds Maxi n Conta ninant Level

- D H ND PQL Sample Diluted Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantative Limit

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d in the ass ciated Method Blass Above Quantitation Range Estimated Value Analyte detected below quantitation limits Sample pl1 Not In Range Reporting Limit

- E J P RL

Page 14 of 17

QC SUMMARY REPORT	WO#:	2303C36
Hall Environmental Analysis Laboratory, Inc.		31-Mar-23

Client: Project:	EOG Platt PA	Battery									
Sample ID: LC:	\$-73997	SampT	ype: LC	:\$	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	organics	
Client ID: LCS	35	Batch	1 ID: 73	997	F	RunNo: 98	5646				
Prep Date: 3/2	29/2023	Analysis D)ate: 3/	29/2023	5	GegNo: 34	461214	Units: mg/Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Diesel Range Organ	ics (DRO)	45	10	50.00	0	90.7	61.9	130			
Sum: DNOP		4.5		5.000		90.5	69	147			
Sample ID: MB	-73987	SampT	уре: ме	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	organics	
Client ID: PB	5	Batch	h ID: 73	987	F	RunNo: 98	5646				
Prep Date: 3/2	28/2023	Analysis D)ate: 3/	29/2023	s	SeqNo: 34	461648	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Sum: DNOP		9.2		10.00		91.6	69	147			
Sample ID: LC	5-73987	SampT	ype: LC	:\$	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	organics	
Client ID: LC:	55	Batch	h ID: 73	987	37 RunNo: 95646						
Prep Date: 3/2	28/2023	Analysis D)ate: 3/	29/2023	5	SeqNo: 34	461649	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Sur: DNOP		4.4		5,000		87.3	69	147			

Qualifiers:

Value emeeds Maximum Contaminant Lavel.
D Sample Dilated Due to Matrix
H Holding times for proparation or analysis eme
N Not Detected at the Reporting Limit
PQL Practical Quantizative Limit
S % Recovery outside of standard limits. If undil

в Analyte det cted in the associated Method Blank

E Above Quantitation Range/Estimated Value
 Analyte detected below quantitation limits
 Sample pH Not In Range
 RL. Reporting Limit

Page 15 of 17

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WO#:	2303C36
	31-Mar-23

Client: Project:	EOG Platt PA Battery								
Sample ID: Ics-739	46 SampType:	LCS	Tes	tCode: EP	A Method	8015D: Gaso	line Rang	9	
Client ID: LCSS	Batch ID:	73946	F	RunNo: 95	599				
Prep Date: 3/27/2	23 Analysis Date:	3/28/2023	5	SeqNo: 34	59412	Units: mg/K	g		
Analyte	Result PC	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range Organiz	(GRO) 23	5.0 25.00	0	91.5	70	130			
Sum: BFB	1900	1000		186	37.7	212			
Sample ID: mb-739	46 SampType:	MBLK	Tes	tCode: EP	A Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Batch ID:	73946	F	RunNo: 95	599				
Prep Date: 3/27/2	23 Analysis Date:	3/28/2023	5	SeqNo: 34	59413	Units: mg/K	g		
Analyte	Result PC	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range Organic		5.0							
Sum: BFB	980	1000		98.1	37.7	212			
Sample ID: Ics-739	22 SampType:	LCS	Tes	tCode: EP	A Method	8015D: Gaso	line Rang	e	
Client ID: LCSS	Batch ID:	73922	F	RunNo: 95	595				
Prep Date: 3/24/2	23 Analysis Date:	3/27/2023	5	GegNo: 34	59448	Units: mg/K	g		
Analyte	Result PC	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range Organiz	(GRO) 22	5.0 25.00	0	89.5	70	130			
Sum: BFB	2000	1000		196	37.7	212			
Sample ID: mb-739	22 SampType:	MBLK	Tes	tCode: EP	A Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Batch ID:	73922	F	RunNo: 95	595				
Prep Date: 3/24/2	23 Analysis Date:	3/27/2023	5	SeqNo: 34	59449	Units: mg/K	g		
Analyte	Result PC	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range Organic	(0.10)	5.0		01.1	37.7	212			
Surr: BFB	910	1000		91.1	37.7	212			

Qualifiers:

. Value et ds Marci n Conta ninant Level

D Sample Dikned Due to Matrix H Holding times for preparation or anal ND Not Detected at the Reporting Limit PQL. Practical Quantitative Limit

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d in the ass ciated Method Blank

Above Quantitation Range Estimated Value Analyte detected below quantitation limits Sample pl1 Not In Range Reporting Limit E J P RL

Page 16 of 17

WO#: 23	03C36
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31-Mar-23

Client:	EOG										
Project:	Platt PA	Battery									
Sample ID:	LCS-73946	Samo	ype: LC		Ter	Code: E	04 Mathad	8021B: Volat	llee		
Client ID:			1D: 73			RunNo: 9		ouziti. volat	1100		
	3/27/2023								_		
Piep Date.	3/2/12023	Analysis D				SeqNo: 3		Units: mg/K	-		
Analyte		Result	PQL		SPK Ref Val		LowLimit	HighLimit	%RPD	RPDLImit	Qual
Benzene Toluene		0.89	0.025	1.000	0	89.3 89.1	80 80	120 120			
Ethylbenzene		0.88	0.050	1.000	0	88.2	80	120			
Xylenes, Total		2.6	0.000	3.000	0	88.2	80	120			
	ofiuorobenzene	0.89	0.10	1.000		89.4	70	130			
		0.05		1.000		00.4		100			
Sample ID:	mb-73946	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8021B: Volat	1188		
Client ID:	PBS	Batch	h ID: 73	946	F	RunNo: 9	5599				
Prep Date:	3/27/2023	Analysis D	ate: 3/	28/2023	5	GeqNo: 3	459419	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Brom	ofluorobenzene	0.89		1.000		89.1	70	130			
Sample ID:	Ics-73922	SampT	ype: LC	\$	Tes	tCode: El					
Client ID:	LC\$\$	Batch	h ID: 73	922	F	RunNo: 9					
Prep Date:	3/24/2023	Analysis D	ate: 3/	27/2023	SeqNo: 3459504 Units: mg/Kg						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Benzene		0.94	0.025	1.000	0	94.1	80	120			
Toluene		0.93	0.050	1.000	0	93.0	80	120			
Ethylbenzene		0.91	0.050	1.000	0	91.0	80	120			
Xylenes, Total		2.7	0.10	3.000	0	90.3	80	120			
Surr: 4-Brom	ofluorobenzene	0.90		1.000		89.8	70	130			
Sample ID:	mb-73922	SamoT	ype: Me	BLK	Tes	tCode: El	PA Method	8021B: Volat	lles		
Client ID:			1D: 73			RunNo: 9			_		
Prep Date:	3/24/2023	Analysis D	ate: 3/	27/2023	5	SegNo: 3	459505	Units: mg/K	a		
Analyte		Result	PQL		SPK Ref Val			HighLimit	%RPD	RPDLImit	Qual
· · ·		1 ISANA						. Ingridentit		. a second	
Benzene		ND	0.025								
Benzene Toluene		ND ND	0.025								
Toluene		ND	0.050								
Toluene Ethylbenzene Xylenes, Tolal	ofworobenzene	ND ND	0.050	1.000		89.0	70	130			

Qualifiers:

. Value e da Ma

D H ND PQL Sample Diluted Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantative Limit

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d in the as Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pH Not In Range Reporting Limit E J P RL

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Page 17 of 17

ANALY	ONMENT/ SIS ATORY	AL -	ከ፡	ll Eurinanaec Si Ar ada-arthara Férihaite anna	ann. Rhuguargi Do FCS 1	Hankins Né 18. 244 87 108 145-544-4702	S	Sample Log-In Check List				
Client Name:	FOO		Work	: Order Nump	er. 2303	C 36		R	upłNo: 1			
Received By.	Fracy Cas	errublee	3/24/20	23 7:25:00 A	м							
Completed By.	Tracy Cas	errubiae	3/24/20	23 8:00:43 A	M							
Raviewec By.	A 3.0	4-73										
~												
Chain of Cust						_	No F	Z Not Present	. —			
.lsChain of Cu					Yes	_	10 11	 Not Present 				
 How was the s 	sample doim	ere d i'			Culli	er						
<u>Log In</u> 3. Was an attemp	o at ehem la	oci the escrip	les?		Yes	v 1	Nal	I NA				
4. Were all samp	les received	at a tempera	ture of >0°C	5 6.0°C	Үөв	Z	№ Г	- NA				
5. Sample(s) in p	roper contai	rer(s)?			Yee	Ø	No E					
6, Sufficient same	ale volume fo	ar increated to	est(s)?		Yes	2	No 🗇	1				
7. Are samples le	ixxəpt VOA :	and ONG; pr:	aperly preserve	ed?	Yes	4	No 🗆]				
3. Улак разкогиа:					Yes	1	N≎ ⊻	d na	L			
9. Received at lea				/GA?	Yes		No 🗆		M			
C Word any sem	ipie conta na	rs racelved b	raken7		Yns	1	•No b⊻	1 X of presarved bottles checket				
1. Does paperwor (Note diacraps)					Yes	Ņ	No _	tor p#r	(<2 or >12 onless noted)			
Aremainices o		-			Yea	7	No E					
3, % it clear what	-		-		Yes		No L					
4. Were all holdin (If no, notity cu	-				Yeş İ	2	No C	1	Construction and an end of the			
pecial Handli	ng (il app	licable)							3.24.23			
15. Was client not	fed of all di	strepancies у	with this order?	2	Yes	I	No i	I NA	civi			
Person N	intrintri			Dette	-			-				
By What	m:			Va:	: eMa	l 📋 Phon	a 📋 F	ax ∐in Penson				
Regardir Client In	ng. structions:											
6. Addtional ron	narks:			_					· · · · · · · · ·			
7. Cooler Inform	nation											
Cade: No	Teina 'C	Gendibon	Seal Mlaci	Seal No	Scal Da	he Sig	ned By					
1	4.0	Good	Yee	Morty								
						1						

NTAL						Rodriguez.
HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE • Attuquerque, NM 87108 Tal. 505-345-3975 Fax 505-345-4107 Analysis Request	KA & Matals ;, Br, NO ₃ , NO ₃ , PO4, SO4) (Somi-VOA)) (Somi-VOA)) (Coliform (Present/Absent)					Remarks: CC: Chance Diryon & Fernandru Badviegues Divect Bill to EOG
HALLL ANAL www.ha 4901 Hawkins NE - Tal. 505-345-3975	 M MT8E / TM8's (8021) M M S (802 PC8's M M M S (904.1) M M M M M M M M M M M M M M M M M M M	F08 F03		2222		Remarks: CC: Chance Di Jour 4772 Divect Bill to EOG
Chain-of-Custody Record Turn-Around Time: ** EDG PERANCOS (10,40) D Standard & Rush 4844 Project Name: 9 Address: Dwft W Surthery Project #: 0,015 - 00,123 - 14	Program Provendo Cedina ec Butes Una matri III matri III matri	Matrix Sample Name Container Proservalive HEAL No. Foi V RCA3	8573-7-1 444 407 m 202	85923-25 UCH Wester 001 1 8573-26 VEH Wester 006	8603-79 464 400 Jav	Reincus red by U. B. M. Cano Tme Trace Residence Ver. Ver. Cano Tme Residence Ver. Ver. Cano Tme Reincuis red by Ver. Caller Calle 7:25
Chain-C	emeil or Feu di. OA/OC Package D Standard Accreditation: 1 I NELAC D EDD (Type)	Late Time	0.0	8.70 6.75	011.12	38.4 T106.



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquergue, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

April 03, 2023 Chance Dixon EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX:

OrderNo.: 2303C82

Dear Chance Dixon:

RE: Platt PA Battery

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/25/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Ana		Lab Order 2303C82 Date Reported: 4/3/202	3			
CLIENT: EOG		Clie	nt Sample II	D: W	523-40 4ft	
Project: Platt PA Battery		Co	llection Dat	e: 3/2	3/2023 1:00:00 PM	
Lab ID: 2303C82-001	Matrix: SOIL	R	eceived Dat	e: 3/2	5/2023 11:00:00 AM	
Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	SNS
Chioride	ND	61	mg/Kg	20	3/28/2023 2:49:57 PM	73982
EPA METHOD 8015M/D: DIESEL	RANGE ORGANICS				Analyst	: PRD
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	3/29/2023 12:18:15 AM	73977
Motor OII Range Organics (MRO)	ND	48	mg/Kg	1	3/29/2023 12:18:15 AM	73977
Surr: DNOP	89.6	69-147	%Rec	1	3/29/2023 12:18:15 AM	73977
EPA METHOD 8015D: GASOLINE	RANGE				Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	3/28/2023 1:55:00 PM	73962
Surr. BFB	103	37.7-212	%Rec	1	3/28/2023 1:55:00 PM	73962
EPA METHOD 8021B: VOLATILE	s				Analyst	CCM
Benzene	ND	0.025	mg/Kg	1	3/28/2023 1:55:00 PM	73962
Toluene	ND	0.049	mg/Kg	1	3/28/2023 1:55:00 PM	73962
Ethylbenzene	ND	0.049	mg/Kg	1	3/28/2023 1:55:00 PM	73962
Xylenes, Total	ND	0.099	mg/Kg	1	3/28/2023 1:55:00 PM	73962
Surr: 4-Bromofluorobenzene	94.1	70-130	%Rec	1	3/28/2023 1:55:00 PM	73962

Qualifiers:

- Value eccouds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanitative Limit
 \$ % Recovery costaide of standard limits. If undiluted results may be estin
 }
- B Analyte detected in the associated Method Blank E Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not in Range RL Reporting Limit

Analytical Report

Page 1 of 5

Client: Project:	EOG Platt PA	Battery							
Sample ID:	MB-73982	SampType:	MBLK	Tes	tCode: EPA Method	300.0: Anions			
Client ID:	PBS	Batch ID:	73982	F	RunNo: 95636				
Prep Date:	3/28/2023	Analysis Date:	3/28/2023	5	GegNo: 3460935	Units: mg/Kg			
Analyte		Result PC	L SPK value	SPK Ref Val	%REC LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5						
Sample ID:	LCS-73982	SampType:	LC\$	Tes	tCode: EPA Method	300.0: Anions			
Client ID:	LCSS	Batch ID:	73982	F	RunNo: 95636				
Prep Date:	3/28/2023	Analysis Date:	3/28/2023		SeqNo: 3460936	Units: mg/Kg			
Analyte		Result PC	L SPK value	SPK Ref Val	%REC LowLimit	HighLimit	%RPD	RPDLImit	Qual
Chloride		14	1.5 15.00	0	93.0 90	110			

Qualifiers:

sant Level

D H ND

- Value exceeds Maximum Contaminan Sample Dikried Dae to Matrix Holding times for preparation or analy Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of standard limits PQL S its. If undil
- Analyte detected in the associated Method II Above Quartitation Range/Estimated Value Analyte detected below quartitation limits Sample pH Not In Range BEJP

- RL Reporting Limit

Page 2 of 5

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WO#:

2303C82

03-Apr-23

WO#:	2303C82
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0	3-Ap	r-23

Client: EOG		
Project: Platt PA	A Battery	
Sample ID: MB-73977	SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics	
Client ID: PBS	Batch ID: 73977 RunNo: 95601	
Prep Date: 3/28/2023	Analysis Date: 3/28/2023 SeqNo: 3460487 Units: mg/Kg	
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit G	ual
Diesel Range Organics (DRO)	ND 10	
Motor Oil Range Organics (MRO)	ND 50	
Sun: DNOP	8.3 10.00 83.2 69 147	
Sample ID: LCS-73977	SampType: LC\$ TestCode: EPA Method 8015M/D: Diesel Range Organics	
Client ID: LCSS	Batch ID: 73977 RunNo: 95601	
Prep Date: 3/28/2023	Analysis Date: 3/28/2023 SeqNo: 3460488 Units: mg/Kg	
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Q	ual
Diesel Range Organics (DRO)	45 10 50.00 0 89.9 61.9 130	
Surr: DNOP	4.6 5.000 92.0 69 147	
Sample ID: MB-73997	SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics	
Client ID: PBS	Batch ID: 73997 RunNo: 95646	
Prep Date: 3/29/2023	Analysis Date: 3/29/2023 SeqNo: 3461213 Units: %Rec	
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit G	lual
Surr. DNOP	8.8 10.00 87.7 69 147	
Sample ID: LCS-73997	SampType: LC\$ TestCode: EPA Method 8015M/D: Diesei Range Organics	
Client ID: LCSS	Baich ID: 73997 RunNo: 95646	
Prep Date: 3/29/2023	Analysis Date: 3/29/2023 SegNo: 3461214 Units: %Rec	
Analyte	·····	Jual
Surr: DNOP	4.5 5.000 90.5 69 147	

Qualifiers:

Value e ant Level m Cost

Value exceeds Maximum Cont Sample Diluted Due to Matrix D H ND

Sampa Daniel Die to Marrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of standard limit

PQL S

Analyte detected in the associated Method II Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pit Not In Range BEJP

RL. Reporting Limit Page 3 of 5

QC SUMMARY REPORT	WO#:	2303C82
Hall Environmental Analysis Laboratory, Inc.		03-Apr-23
	·	

Client: EO Project: Pla	G tt PA Battery									
Sample ID: LCS-73962 Client ID: LCSS		Type: LC th ID: 73		TestCode: EPA Method 8015D: Gasoline Range RunNo: 95638						
Prep Date: 3/27/2023	Analysis	Date: 3/	28/2023		SeqNo: 34	61004	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range Organics (GR Surr: BFB	0) 21 2000	5.0	25.00 1000	0	85.4 198	70 37.7	130 212			
Sample ID: MB-73962		Туре: МЕ					8015D: Gasol	ine Range		
Client ID: PBS	Bate	11 ID: 73	962	F	RunNo: 9	5638				
Prep Date: 3/27/2023	Analysis	Date: 3/	28/2023	:	SeqNo: 34	61005	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GR Surr: BFB	0) ND 900	5.0	1000		90.3	37.7	212			

Qualifiers:

. ant Level

D H ND PQL S

Value exceeds Maximum Costaminar Sample Dikted Dae to Matrix Holding times for proparation or analy Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of standard limits Ifundi B Analyte detected in the associated Method IB
 Above Quaritation Range/Estimated Value
 J Analyte detected below quaritation limits
 P Sample pil Not Is Range
 RL. Reporting Limit od Bla

Page 4 of 5

2303C82 03-Apr-23

QC SUMMARY REPORT	WO#:
Hall Environmental Analysis Laboratory, Inc.	

Client: EOG Project: Platt PA	A Battery									
Sample ID: LCS-73962	SampT	(ype: LC	\$	Tes	tCode: Ep	A Method	8021B: Volati	les		
Client ID: LCSS	Batch	h ID: 73	62	F	RunNo: 95	638				
Prep Date: 3/27/2023	Analysis D)ate: 3/	28/2023	:	SeqNo: 34	61097	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	90.5	80	120			
Toluene	0.89	0.050	1.000	0	89.2	80	120			
Ethylbenzene	0.88	0.050	1.000	0	87.8	80	120			
Kylenes, Total	2.6	0.10	3.000	0	87.1	80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000		90.4	70	130			
Sample ID: MB-73962	SampT	(ype: ME	ILK.	Tes	tCode: EF	A Method	8021B: Volati	68		
Client ID: PBS	Batch	h ID: 73	962	F	RunNo: 95	i638				
Prep Date: 3/27/2023	Analysis D)ate: 3/	28/2023	:	SeqNo: 34	61098	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr 4-Bronofiuonhenzene	0.90		1.000		90.2	70	130			

Qualifiers:

Value exceeds Maximum Contamina Sample Diluted Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Questing Limit % Recovery outside of standard limit . ant Level

D H ND PQL S

Ifundit

 B Analyte detected in the associated Method IB
 Above Quaritation Range/Estimated Value
 J Analyte detected below quaritation limits
 P Sample pil Not Is Range
 RL. Reporting Limit xi 19

Page 5 of 5

HALL ENVIRONMENTAL ANALYSIS LABORATORY	767. 59	in universial Ageolysis Labora 4900 Harstone Albegnergene Vhl 90 5-545-3973 HAX - 565-543-6 56: Harts Ballene inomental.	na Sam	ple Log-In Che	ck List
Clent Name. EOG	Wark Orde	r Number: 2303C82		RepIND: 1	
Hetewed By. Tracy Casan	mbias 3/25/2023 1	1:00:00 AM			
Completed By: Tracy Casan	mbias 3/25/2023 1	1:30:03 AM			
Reviewad By: Jn. 3 2.7	<i>]</i> 23				
Chain of Custody					
1. Is Chain of Costody complete	97	Yes 🗆	No 🕅	Not Present 🛄	
2. How was the sample derivers	:47	Courier			
<u>Log In</u> 3. Was an allempt made to coo	the samples?	Yes M	Noll	на П	
 Were all samples received all 	a temperature of PO1C to 8.0	rc yes M	No 🗆	NA 🗆	
5. Semple(a) in proper containe	ны?	Yes M	No 11		
$S_{\rm c}$ Sufficient sample volume for (nd caled lest(s)?	Yes 🔽	Na 🗌		
7, Arc samples (except VCA and	1 OKC) property preserved?	Yee 🗹	No 🗆		
8. Was preservative added to be	ittlee,>	Yes 🚞	No 🗹	NA II	
9 Received at least 1 vial with h	eadapace <1/4" for AQ VCA?	Yee 🗖	л₀ Г.	KA 🛃	
10. Were any sample containers	raceived Stoken?	ال ۲۹۰	No 🗹	& cl preservad	
11. Gres parenvors match bottle (Note discregancies on chain		Xes 🛛	No 🗆	bolifes checked for pH:	linetan seeinu
12, Aremetrices correctly Identific		Yes M	Nall	Adjusted?	-
13, is il dear what analyses were	requested?	Yes 🗹	No 🖃		a to al
14 Write all holding times able to (If no, notify customer for suff		Yes 🗹	No 🗆 🛓	Checked by: TMC	3/25/23
Special Handling (if applic	able)				
15. Was client notified of all disc	epancies with this order?	Yes 🕒	Noi	NA M	
Person Notified:		Dale.			
By Whom:		Via. 🔄 eMail 📋 Pl	hane 🔄 Fax	In Person	
Regarding.	and the second				
Client Instructions:					
16 Additional remarks:					
17. Cooler Information					
	Condition Said Intadi Sei	al No Seel Date	Signed By		
the second s	ood ¹ Yes Yog	and the second state of th			
Para Lal':		<u>19 76 76 76 76 76 76 76 76 76 76 76 76 76 </u>			
Page Lofi					

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4801 Hawkins NE - A buquarque. NM 87108 Tel. 505-345-3876 Fax 505-345-4107 Analysis Request	(150) MT8E / TM8's (8021) (2R0 / DR0 / MR0) PH:8015D(3R0 / DR0 / MR0) (281 Pesticidas/8082 PC8's (281 PC4, S04, S04, S04, S04, S04, S04, S04, S0		Time: Relinquished by: Received by: Visit Debb Three Remarks: (Q: DO 7 3 3 3 3 3 3 (Q: DO 7 3 3 3 3 3 3 (Q: DO 7 3 3 3 3 3 3 (Dire: 7 3 3 3 3 4 (Dire: 7 7 3 3 4 (Dire: 7 7 7 4 (Dire: 7 7 7 4 (Dire: 7 7 4 7 (Dire: 7 10 10 10 10 (Dire: 7 10 10 10 10 (Dire: 6 10 10 10 10 (Dire: 10 10 10 10 10
Turn-Around Time: Standard Rush 4844 Project Varie: Project Varie: Project #: Project #:	Project Marvager: Chrow Co X X ON Sample: To Y Y VOL do Y Gdwig ve 2 Sample: To Y VOL do Y Gdwig ve 2 On los: d Y ea D No 4091 # of Coolers: 1 Cooler Tempy-uarger: 4 4 - 0.1 5 4 3 (°C) Containe: Preservetive HEAL No.		Received by. View Deba Tine CMMULL A fighting guy Received by: VierColl for Deta Time Coll 2000 Coll 1000 Coll 10
Client: OOG Resources	or Forek: - Package: Inderd D Level 4 (Full Valiciation) diferion: Li Az Compliance LAC D Other LAC Other D (Type) Trans Marris Seconde Marrie	3/13 13:00 Soil warries	Date: Time: Retinquished by: APD: N2:00 F Dots: Time: Retinquished by: Dots: N3:00 F PAPD: N

Released to Imaging: 12/29/2023 7:55:04 AM



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquergue, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

April 03, 2023 Chance Dixon EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX:

OrderNo.: 2303C82

Dear Chance Dixon:

RE: Platt PA Battery

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/25/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analy	rsis Laboratory, l	ínc.			Analytical Report Lab Order 2303C82 Date Reported: 4/3/202	3
CLIENT: EOG		Ch	ent Sample II	D: W	\$23-40 4ft	
Project: Platt PA Battery		c	ollection Dat	e: 3/2	23/2023 1:00:00 PM	
Lab ID: 2303C82-001	Matrix: SOIL	1	Received Dat	e: 3/2	25/2023 11:00:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: SNS
Chloride	ND	61	mg/Kg	20	3/28/2023 2:49:57 PM	73962
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analys	t: PRD
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	3/29/2023 12:18:15 AM	73977
Motor OII Range Organics (MRO)	ND	48	mg/Kg	1	3/29/2023 12:18:15 AM	73977
Sur: DNOP	89.6	69-147	%Rec	1	3/29/2023 12:18:15 AM	73977
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	t: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	3/28/2023 1:55:00 PM	73962
Surr: BFB	103	37.7-212	%Rec	1	3/28/2023 1:55:00 PM	73962
EPA METHOD 8021B: VOLATILES					Analys	t: CCM
Benzene	ND	0.025	mg/Kg	1	3/28/2023 1:55:00 PM	73962
Toluene	ND	0.049	mg/Kg	1	3/28/2023 1:55:00 PM	73962
Ethylbenzene	ND	0.049	mg/Kg	1	3/28/2023 1:55:00 PM	73962
Xylenes, Total	ND	0.099	mg/Kg	1	3/28/2023 1:55:00 PM	73962
Surr: 4-Bromofluorobenzene	94.1	70-130	%Rec	1	3/28/2023 1:55:00 PM	73962

Qualifiers:

- Value eccouds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanitative Limit
 \$ % Recovery costaide of standard limits. If undiluted results may be estin
 }
- B Analyte detected in the associated Method Blank E Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not in Range RL Reporting Limit

Page 1 of 5

Client: Project:	EOG Platt PA	Battery									
Sample ID:	MB-73982	SampT	уре: ме	LK	Tes	tCode: Ep	PA Method	300.0: Aniona			
Client ID:	PBS	Batch	1 ID: 73	82	F	RunNo: 95	636				
Prep Date:	3/28/2023	Analysis D	ate: 3/	28/2023	5	SeqNo: 34	60935	Units: mg/K	9		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-73982	SampT	ype: LC	s	Tes	tCode: EF	A Method	300.0: Aniona			
Client ID:	LCSS	Batch	1 ID: 73	82	F	RunNo: 99	5636				
Prep Date:	3/28/2023	Analysis D	ate: 3/	28/2023		SeqNa: 34	60936	Units: mg/K	9		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	93.0	90	110			

Qualifiers:

sant Level

D H ND

Value exceeds Maximum Contaminan Sample Dibried Dae to Matrix Holding times for preparation or analy Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of standard limits PQL S its. If undil

Analyte detected in the associated Method II Above Quartitation Range/Estimated Value Analyte detected below quartitation limits Sample pH Not In Range BEJP

RL Reporting Limit

Page 2 of 5

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WO#:

2303C82

03-Apr-23

WO#:	2303C82
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03-Apr-23

Client: EOG		
Project: Platt PA	A Battery	
Sample ID: MB-73977	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesei Range Organics
Client ID: PBS	Batch ID: 73977	RunNo: 95601
Prep Date: 3/28/2023	Analysis Date: 3/28/2023	SeqNo: 3460487 Units: mg/Kg
Analyte	Result PQL SPK value SP	PK Ref Vai %REC LowLimit HighLimit %RPD RPDLimit Quai
Diesel Range Organics (DRO)	ND 10	
Motor Oil Range Organics (MRO)	ND 50	
Surr: DNOP	8.3 10.00	83.2 69 147
Sample ID: LCS-73977	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 73977	RunNo: 95601
Prep Date: 3/28/2023	Analysis Date: 3/28/2023	SeqNo: 3460488 Units: mg/Kg
Analyte	Result PQL SPK value SP	PK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Quai
Diesel Range Organics (DRO)	45 10 50.00	0 89.9 61.9 130
Surr: DNOP	4.6 5.000	92.0 69 147
Sample ID: MB-73997	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesei Range Organics
Client ID: PBS	Batch ID: 73997	RunNo: 95646
Prep Date: 3/29/2023	Analysis Date: 3/29/2023	SeqNo: 3461213 Units: %Rec
Analyte	Result PQL SPK value SP	PK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP	8.8 10.00	87.7 69 147
Sample ID: LCS-73997	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 73997	RunNo: 95646
Prep Date: 3/29/2023	Analysis Date: 3/29/2023	SegNo: 3461214 Units: %Rec
Analyte	Result PQL SPK value SP	PK Ref Vai %REC LowLimit HighLimit %RPD RPDLimit Quai
Surr: DNOP	4.5 5.000	90.5 69 147

Qualifiers:

Value m Cos ant Level.

Value exceeds Maximum Cont Sample Diluted Due to Matrix D H ND PQL S

Holding times for preparation or ana Not Detected at the Reporting Limit

Practical Quantitative Limit % Recovery outside of stan

ed in the a BEJP Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pH Not In Range

RL. Reporting Limit Page 3 of 5

QC SUMMARY REPORT	WO#:	2303C82
Hall Environmental Analysis Laboratory, Inc.		03-Apr-23

Client: EO Project: Pla	G tt PA Battery									
Sample ID: LCS-73962 Client ID: LCSS		Type: LC th ID: 73			itCode: Ef RunNo: 99		8015D: Gasol	ine Range		
Prep Date: 3/27/2023	Analysis	Date: 3/	28/2023		SeqNo: 34	461004	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GR Surr: BFB	0) 21 2000	5.0	25.00 1000	0	85.4 198	70 37.7	130 212			
Sample ID: MB-73962		SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Bate	11 ID: 73	962	F	RunNo: 9	5638				
Prep Date: 3/27/2023	Analysis	Date: 3/	28/2023	:	SeqNo: 34	461005	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GR Surr: BFB	0) ND 900	5.0	1000		90.3	37.7	212			

Qualifiers:

. ant Level

D H ND PQL S

Value exceeds Maximum Costaminar Sample Dikted Dae to Matrix Holding times for proparation or analy Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of standard limits Ifundit B Analyte detected in the associated Method IB
 Above Quaritation Range/Estimated Value
 J Analyte detected below quaritation limits
 P Sample pil Not Is Range
 RL. Reporting Limit od Bi

Page 4 of 5

2303C82 03-Apr-23

QC SUMMARY REPORT	WO#:
Hall Environmental Analysis Laboratory, Inc.	

Client: EOG Project: Platt P/	A Battery									
Sample ID: LCS-73962	SampT	Type: LC	\$	Tes	tCode: EP	A Method	8021B: Volati	les		
Client ID: LCSS	Batch	h ID: 739	62	F	RunNo: 95	638				
Prep Date: 3/27/2023	Analysis (Date: 3/	28/2023	5	SeqNo: 34	61097	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	90.5	80	120			
Toluene	0.89	0.050	1.000	0	89.2	80	120			
Ethylbenzene	0.88	0.050	1.000	0	87.8	80	120			
Kylenes, Total	2.6	0.10	3.000	0	87.1	80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000		90.4	70	130			
Sample ID: MB-73962	SampT	Type: MB	SLK.	Tes	tCode: EP	A Method	8021B: Volati	98		
Client ID: PBS	Batch	h ID: 739	962	F	RunNo: 95	638				
Prep Date: 3/27/2023	Analysis D	Date: 3/2	28/2023	5	SeqNo: 34	61098	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
			1.000		90.2	70	130			

Qualifiers:

Value exceeds Maximum Contamins Sample Dikted Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantitative Limit % Recovery outside of standard limit . ant Level

D H ND PQL S

Ifundit

 B Analyte detected in the associated Method IB
 Above Quaritation Range/Estimated Value
 J Analyte detected below quaritation limits
 P Sample pil Not Is Range
 RL. Reporting Limit xi 19

Page 5 of 5

Clent Name. EOG		hallesvironmental.	x'98	Sample Log-In Check List			
	Work Order Numb	xer: 2303C92		RepIND: 1			
Received By. Tracy Casamibias	3/25/2023 11:00:00	AM					
Completed By: Tracy Casarrubias	3/25/2023 11:30:03	AM					
Ramewad By: Jn. 3/2.7/23							
Chain of Custody							
1. Is Chain of Costody complete?		Yes 🗆	No 🕅	Not Present			
How was the sample derivered?		Courier					
<u>Log In</u>				_			
3. Was an ellempt made to cool the sample	æ7	Yes M	Noll	па 🗖			
 Were all earnpies received all a temperate 	ure of policity of C to 8.0°C	Yes 🗹	No 🗆	NA 🗆			
5. Semple(a) in proper containentsi?		Yes M	N⊭ I"l				
$S_{\rm c}$ Sufficient eachpie volume for indicated te-	31(3)?	Yes 🔽	Na 🗌				
7. Am samples (except VCA and OKO) prop	peny presarved?	Yee 🗹	No 🗆				
8. Was preservative added to bottles?		Үөө 🚞	NO 🗹	NA LI			
9 Received at least 1 vial with headspace <	1/4" for AQ VCA?	Yes 🗖	ио Пі	NA 🛃			
 Were any sample containers received bit 	aken?	لاھھ	No 🗹	# cl creservad			
1. Gres pare-work match bottle labels?		Y68 🗹	No 🗆	bolifies checked for pH:	Linibas potedi		
(Note discrepancies on chain of custody) (2, Are matrices correctly identified on Circler)	of Conducts C	Yes M	Nall	Adjusted?			
 Is it clear what analyses were requested? 		Yes 🗹	No L		-		
14 Wrard all holding tyrics able to be met?		Yes 🗹	NoG	Checked by: TMC	3/25/2		
(If no, notify customer for author zation.)			1				
Special Handling (if applicable)							
15, Was client notified of all discrepancies w	'n this order?	Yeş 上'	NoL	NA M			
Person Notified:	Dale.						
By Whom:	Via.	🔄 eMail 📋 P	hane 🔄 Fax	🛄 in Person			
Regarding.							
Client Instructions:							
16 Addtional remarks:							
17. Cooler Information							
	See Intacl Seal No	Seel Date	Signed By				
	Yes Yogi						
Page Lof'i		<u></u>	· · · ·		- · -		

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4801 Hawkins NE - A buquarque. NM 87108 Tel. 505-345-3875 Fax 505-346-4107 Tel. 505-345-3875 Fax 505-346-4107 Analysis Request	STEX/ MTRE / TMB's (S021) FPH:8015D(GR0 / DR0 / MR0) S031 Pasticides/8062 PCB's EDB (Melhod 504.1) PAHs by 8310 or 827051MS PAHs by 8310 or 827051MS PAHs by 6310 or 827051MS PAHs by 6310 or 827051MS PAHs by 6310 or 827051MS POR (Melhod 504.1) POR (Melhod 504.1) POR (Soft) S050 (VOA) S270 (Softi VOA) Joist Collion: (Present/Meent) Total Collion: (Present/Meent)		Time Relinquistiend by: Reserved by: View Data Time Remarks: 10:00 Time Relinquistres or: Resolved by: VierQULYCE Data Time Remarks: 10:00 Time Relinquistres or: Resolved by: VierQULYCE Data Time Remarks: 10:00 Divercet Bi 11+0 EDC resoccery soreties chantace and the resoner so not or Olde preselving, surger becommend and allow cared on the analytemper.
Turn-Around Time: Bislandard Rush 4844	Project Manager: And Control		Received by Vis: Data Thre J.M.M.J.J. J. Shyl 35 945 Received by: Vis Coll. And Data Time Received by: Vis Coll. And Data Time may as succernated as a value to the server as not co of u
Client: COLS Record Client: COLS Record (1002-00-00-00-00-00-00-00-00-00-00-00-00-	orheitl or Foxet Owdot Package: L Standard D Level 4 (Full Valiciation) Accreditation: L Az Compliance C NELAC D Other D EDD (Type) Dete Time Matrix Sample Name	13:00 Soil VE12-40	Date: Time: Reliniquished by: Debe: Time: Reliniquishes ov: Debe: Time: Reliniquishes ov: PUND 1915 - OMALLAULTIN

Released to Imaging: 12/29/2023 7:55:04 AM



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Websitie: www.hallenvironmental.com

March 30, 2023

Chance Dixon Vertex Resources Services, Inc. 3101 Boyd Drive Carlsbad, NM 88220 TEL: (505) 506-0040 FAX:

OrderNo.: 2303D20

Dear Chance Dixon:

RE: Platt PA Battery

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/28/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

and

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis	Laboratory, I	nc.		La	nalytical Report b Order 2303D20 ite Reported: 3/30/2023
LIENT: Vertex Resources Services, Inc.		Client S	ample ID:	WS23	-45 4ft
roject: Platt PA Battery		Collec	tion Date:	3/24/2	2023 2:00:00 PM
ab ID: 2303D20-001	Matrix: SOIL	Rece	ived Date:	3/28/2	2023 7:55:00 AM
nalyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	3/29/2023 12:08:20 PM
Motor OII Range Organics (MRO)	ND	50	mg/Kg	1	3/29/2023 12:08:20 PM
Sur: DNOP	92.2	69-147	%Rec	1	3/29/2023 12:08:20 PM
EPA METHOD 8015D: GASOLINE RANG	E				Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/29/2023 4:32:15 PM
Surr: BFB	97.6	37.7-212	%Rec	1	3/29/2023 4:32:15 PM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.024	mg/Kg	1	3/29/2023 4:32:15 PM
Toluene	ND	0.048	mg/Kg	1	3/29/2023 4:32:15 PM
Ethylbenzene	ND	0.048	mg/Kg	1	3/29/2023 4:32:15 PM
Xylenes, Total	ND	0.096	mg/Kg	1	3/29/2023 4:32:15 PM
Surr: 4-Bromofluorobenzene	86.7	70-130	%Rec	1	3/29/2023 4:32:15 PM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chloride	68	60	mg/Kg	20	3/29/2023 1:33:02 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times the proparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 POL Practical Quantizative Limit
 S % Recovery outside of standard limits. If undiluted results may be esti
- B Analyte detected in the associated Method Black
 Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
 P Sample JH Not in Range
 RL. Reporting Limit

Page 1 of 5

WO#: 2303D20 30-Mar-23

Client: Project:		ex Resources S PA Battery	ervices,	Inc.							
Sample ID:	MB-74000	SampT	уре: ме	ILK.	Tes	tCode: EF	A Method	300.0: Aniona	3		
Client ID:	PBS	Batch	1D: 74	000	F	RunNo: 9	5644				
Prep Date:	3/29/2023	Analysis D	ate: 3/	29/2023	5	SeqNo: 34	461932	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-74000	SampT	ype: LC	\$	Tes	tCode: EF	A Method	300.0: Aniona	3		
Client ID:	LCSS	Batch	n ID: 740	000	RunNo: 95644						
Prep Date:	3/29/2023	Analysis D	ate: 3/	29/2023	5	SeqNo: 34	461933	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Chloride		14	1.5	15.00	0	94.9	90	110			

Qualifiers:

ant Level

D H ND

Value exceeds Maximum Contaminan Sample Dikried Dae to Matrix Holding times for preparation or analy Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of standard limits PQL S Ifundit

Analyte detected in the associated Method II Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pil Not in Range

BEJP

RL Reporting Limit

Page 2 of 5

WO#: 2303D20

30-Mar-23

Client: Vertex	Resources Services, Inc.	
Project: Platt PA	Battery	
Sample ID: MB-73997	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesei Range Organics
Client ID: PBS	Batch ID: 73997	RunNo: 95646
Prep Date: 3/29/2023	Analysis Date: 3/29/2023	SeqNo: 3461213 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Quai
Diesel Range Organics (DRO)	ND 10	
Motor Oil Range Organics (MRO)	ND 50	
Surr: DNOP	8.8 10.00	87.7 69 147
Sample ID: LCS-73997	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 73997	RunNo: 95646
Prep Date: 3/29/2023	Analysis Date: 3/29/2023	SeqNo: 3461214 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Quai
Diesel Range Organics (DRO)	45 10 50.00	0 90.7 61.9 130
Surr: DNOP	4.5 5.000	90.5 69 147
Sample ID: MB-73987	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesei Range Organics
Client ID: PBS	Batch ID: 73987	RunNo: 95646
Prep Date: 3/28/2023	Analysis Date: 3/29/2023	SeqNa: 3461648 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP	9.2 10.00	91.6 69 147
Sample ID: LCS-73987	SampType: LCS	TestCode: EPA Method 8015M/D: Diesei Range Organics
Client ID: LCSS	Batch ID: 73987	RunNo: 95646
Prep Date: 3/28/2023	Analysis Date: 3/29/2023	SeqNo: 3461649 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP	4.4 5.000	87.3 69 147

Qualifiers:

Value exceeds Maximum Contaminan Sample Dikried Dae to Matrix Holding times for preparation or analy Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of standard limits sant Level

D H ND

PQL S its. If undil

Analyte detected in the associated Method II Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pil Not in Range BEJP

RL Reporting Limit

Page 3 of 5

2303D20 30-Mar-23

QC SUMMARY REPORT	WO#:
Hall Environmental Analysis Laboratory, Inc.	

	Resources Se Battery	rvices,	Inc.							
Sample ID: Ics-73975	SampTy	pe: LC	5	Tes	tCode: EF	PA Method	8015D: Gaso	ine Range		
Client ID: LCSS	Batch	ID: 73	975	F	RunNo: 9	5642				
Prep Date: 3/28/2023	Analysis Da	ate: 3/	29/2023	5	SeqNo: 34	461081	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.6	70	130			
Surr: BFB	2000		1000		202	37.7	212			
Sample ID: mb-73975	SampTy	pe: Me	ILK.	Tes	tCode: EF	PA Method	8015D: Gaso	ine Range		
Client ID: PBS	Batch	ID: 73	975	F	RunNo: 9	5642				
Prep Date: 3/28/2023	Analysis Da	ate: 3/	29/2023	5	SeqNo: 34	461082	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		102	37.7	212			

Qualifiers:

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Volue encounds Maximum Contaminant Level. Sample Dibited Due to Matrix Holding times for preparation or analysis encound Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of standard limits. If unditu D H ND PQL S

B Analyte detected in the associated Method Illank
 E Above Quantitation Range/Entimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not In Range
 RL. Reporting Limit

Page 4 of 5

QC SUMMARY REPORT	
Hall Environmental Analysis Laboratory, Inc.	

WO#:	2303D20
	2000020

30-Mar-23

Client: Ve	rtex Resources S	rtex Resources Services, Inc.								
Project: Pla	att PA Battery									
Sample ID: LCS-73975	Samp	Type: LC	\$	Tes	tCode: EF	A Method	8021B: Volati	188		
Client ID: LCSS	Bato	sh ID: 738	975	F	RunNo: 9	642				
Prep Date: 3/28/2023	Analysis	Date: 3/	29/2023	5	SeqNo: 34	61088	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	91.9	80	120			
Toluene	0.91	0.050	1.000	0	91.2	80	120			
Ethylbenzene	0.90	0.050	1.000	0	90.0	80	120			
Xylenes, Total	2.7	0.10	3.000	0	89.9	80	120			
Surr: 4-Bromofluorobenzen	e 0.94		1.000		93.8	70	130			
Sample ID: mb-73975	Samp	Туре: МЕ	3LK	Tes	tCode: EF	A Method	8021B: Volati	168		
Client ID: PBS	Bato	sh ID: 735	975	F	RunNo: 9	642				
Prep Date: 3/28/2023	Analysis	Date: 3/	29/2023	5	SeqNo: 34	61089	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzen	e 0.89		1.000		89.4	70	130			

Qualifiers:

Value exceeds Maximum Contamina Sample Diluted Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Questing Limit % Recovery outside of standard limit at Level

D H ND PQL S

B Analyte detected in the associated Method IB
 Above Quaritation Range/Estimated Value
 J Analyte detected below quaritation limits
 P Sample pil Not Is Range
 RL. Reporting Limit

Page 5 of 5

Chant, Manas, Verfex Resources, Services, Inc. Work Oxder Number: 2303020 RopNo: 1 Recensed Hy: Juan Rojas 32812023 7:5:00 AM Juan Rojas Comparison Hy: DAD 3/4:65/23 The Comparison Hy: DAD Chain of Custody 1 SCRUZ23 8:3:47 AM The Comparison Hy: DAD 3/4:65/23 Chain of Custody 1 No. Freeend No. Freeend No. Freeend No. Freeend 1 Is Clain of Custody 1 Scrueet Hy: No. Freeend No. Freeend 2 How was the sample of orlyned? Yee M No. Freeend No. Freeend 3 Was an admant reade to cool the samples? Yee M No. Freeend NA 4 Was an admant reade to cool the samples? Yee M No. Freeend NA 5 Samplets (woop) VOA and CNG) property presonce? Yee M No. M Software 5 Samplets (woop) VOA and CNG) property presonce? Yee M No. M Software 6 Was an admate dwoop) VOA and CNG) property presonce? Yee M No. M Software 7 Are samples constructor for dato bottles? Yee M <	ANALY	ONMENTAL SIS ATORY	757, 30 7-34 5-3	thi Analysis Lubo 1995 Harris Waynergae - NM 275 FAX: 304-345 Mallenwirmanist	на МА Конто San 1-4702	nple Log-In C	heck List
Environment Hy DAD 3/128/23 Chein of Custody 1. Is Chain of Custody complete? Yee No // Not Present 2. How was the samples 60 wered? Courier Add to 3 Was an attempt mude to cool the samplet? Yee M No //			Work Order Numb	er: 2303D20		ReptNo:	: 1
Environment Hy DAD 3/128/23 Chein of Custody 1. Is Chain of Custody complete? Yee No // Not Present 2. How was the samples 60 wered? Courier Add to 3 Was an attempt mude to cool the samplet? Yee M No //	Received By:	Juan Rojas	3/28/2023 7:55:00 /	M	i banna G-		
Environment Hy DAD 3/128/23 Chein of Custody 1. Is Chain of Custody complete? Yee No // Not Present 2. How was the samples 60 wered? Courier Add to 3 Was an attempt mude to cool the samplet? Yee M No //	Completed By	Desiree Dominguez	3/28/2023 8:33:47 /	M	~ 52 ~		
1. Is Claim of Custody complete? Yee No F Not Present 2. How was the sample derivate? Courier 4. Write all samples manifed to cool the sample? Yee No No No 3. Write all samples manifed to cool the sample? Yee No No No No 4. Write all samples manifed to cool the sample? Yee Mo No No No 5. Samplets) is prepared at a temperature of x0° C to 5.0°C Yee Mo No No No 6. Addition is an ple volume for indicated matrix?? Yee Yee No No No No 7. Are samplet (axcept VOA and CNG) property preserve? Yee No No No No No 8. Sufficient each to total at least 1 with headquake < SM1 for XO VOA?	Rovinwood By:	DAD	3/28/23				
2 How was the sample dovered? Courier Loa La It was an altempt made to cool the sample? Yes M Na · I NA I 4 Were all samples received at a temperature of x0° C to 5.0°C Yes M Na · I NA I 4 Were all samples received at a temperature of x0° C to 5.0°C Yes M Na · I NA I 5 Sufficient samples received at a temperature of x0° C to 5.0°C Yes M Na I NA I 6 Sufficient samples (accept VOA and CNG) properly preceived? Yes M Na I I 7 Are samples (accept VOA and CNG) properly preceived? Yes M Na I I 8 Wes preservative added to bolice? Yes M Na I I 9 Received at least 1 vial with Headquoee <sm* for="" td="" voa?<="" x0=""> Yes M Na I I 1.10es paeonvold match bolille latue? Yes M Na I I I I 2 Are matches controlling times able to be met? Yes M Na I I I I I I I I I I I I I I I I I I I <</sm*>	hain of Cust	ody					
Loa In 3 Was an attempt reade to cool the samples? Yes M No. I NA 4 Weie all samples cooline if a temperature of X0° C to 6.0°C Yes M No. I NA 5 Samples) is angle containe (\$\$?) Yes M No. I NA 5 Samples (account at a temperature of X0° C to 6.0°C Yes M No. I NA 5 Samples) is angle containe (\$\$?) Yes M No. I NA 6 Sufficient early evaluate for indicated tradity? Yes M No. I NA 7. Are samples (accoult to AliG) properly preserve? Yes M No. I NA 8. Was preservative added to bolities? Yes I No. M M 9. Received at least 1 vial with Feadquose <\$M* for AO VOA?), ils Cliain er Cu	stody complete?		Yee 🗍	No 🔽	Not Present 🗍	
3 Was an attempt made to cool the samples? Yes Mo NA NA 4 Were all samples received at a temperature of X0° C to 5.0°C Yes Mo NA NA 5 Samples received at a temperature of X0° C to 5.0°C Yes Mo NA NA 5 Samples received at a temperature of X0° C to 5.0°C Yes Mo NA NA 5 Samples (accept VOA and CNG) property preserve? Yes Mo NA NA 6. Was preservative added to bollies? Yes No NA NA 9 Received at least 1 with Headquese <\$M° for X0 VOA?	How was the s	sample de ivered?		Courier			
4 Wene all samples received at a temperature of >0° C to 6.0° C yes No NA 5 Sample(s) is an per container(s)? Yes No NA 5 Sample(s) is an per container(s)? Yes No NA 6 Sample(s) is an per container(s)? Yes No NA 7 Are samples (accept VOA and ONG) properly preserve? Yes No NA 7. Are samples (accept VOA and ONG) properly preserve? Yes No NA 9 Received at least 1 vial with headspace SiAf for AO VOA? Yes No NA 0 Wore any sample containers received broken? Yes No NA Vers NA 1. Does peorework match bottle lature? Yes Mo Mo Allyes checkled 1. Does peorework match bottle lature? Yes Mo Allyes checkled 1. Does peorework match bottle lature? Yes Mo Allyes checkled 3 Is it clear what analysis wave requested? Yes Mo Allyested? 2 Are marcres contratified for all discrepancies with the order? Yes No Allyested by 3 Is it clear what analysis wave requested? Yes No NA Al		ek ennde ha oont Noo ooon	413.9 7	w., 64	No. 1	ыл	
5 Samples) is anoper containe \sty? Yes No 5 Sufficient is an pie volume for indicated trading? Yes No 6 Sufficient is an pie volume for indicated trading? Yes No 7 Are samples (accept VOA and ONG) properly preserved? Yes No 8 Was preservative added to bolities? Yes No 9 Received at least 1 vial with Headspace Yes No 9 Received at least 1 vial with Headspace Yes No 0 Wore any sample containers received booken? Yes No 1 Docs peositive added to bolities? Yes No # of preserved bolities at each of austraty? 2 Are man des contraints inserved to docken? Yes No If any preserved bolities? 1 Docs peositive that analyzes wave requested? Yes No If apple austration? 2 Are man des contraints for austraty? Yes No If any preserved bolities? 3 Is is clear what analyzes wave requested? Yes No If application? 4. Wore ellivishing three site to be unt? Yes No No	naa a' rami'n	in the end of the same	אבא	-62 (M)	160 ° 1	Det 1	
B. Sufficienti sam pie volume for ndicated test(s)? Yes Yes No 7. Are samples (accept VOA and ONG) properly processe? Yes No No 7. Are samples (accept VOA and ONG) properly processe? Yes No No 8. Was preservative added to bollies? Yes No No No 9. Received at least 1 vial with headspace <\$14° for AO VOA?	Were all sample	los raceànd at a tempen	eture of i>0° C to 6.0° C	۲00 🗹	No	NA 🗆	
7. Are samples (except VOA and ONG) properly processor? Yes No No 8. Was pressive added to bollies? Yes No NA 9. Received at least 1 vial with Headspace < \$44° for AO VOA?	i Sanıple(s) in a	roper container(s)?		Yee 🗹	NIO 🗆		
8. Was preservative added to bollies? Yas No M NA L 9. Received at least 1 vial with headspace <3M* for AO VOA?), Sufficientiean p	de volume for indicated t	test(s)?	Үев 🗹	No 🗖		
8. Was preservative added to bollies? Yes Ne Ne NA 9. Received at least 1 vial with headspace <3M* for AO VOA?					No 🗆		
0 Word any sample concerns received broken? Yes No # of preserved bottles checked 1.Doos peoprivate match bottle lates? Yes No # of preserved bottles checked (Note discregencies on chain of custody) Yes No Interview on chain of custody) 2 Are man ces correctly identified on Chain of Custody? Yes No No Adjusted? 3, is it clear what analyses wave requested? Yes No No Adjusted? (If no, folly customer it is authorization.) Yes No No Adjusted? (B) Were all indicing times able to be met? Yes No No Adjusted? (If no, folly customer it is authorization.) Yes No No Adjusted? (B) Whom: Yes Yes No No No No No (S) Ware cust intified of all discregenerics with thes order? Yes No No<					No 🗹		
1. Does peoprivate match bollie laLea? Yes No Interview of preserved boddes checked for phone in the phone ph	Received at lea	est 1 vial with headspace	<\$14" for AQ VOA?	Yes 📋	No 🗁	NA 🗹	
1. Does peak work match bottle lates? Yes M No) Word any sam	iple containers received l	broken?	Yes	No 🕅		
2. Joint carrier what analysis ware requested? Yes No No 3. Is it clear what analysis ware requested? Yes No No Image: Clear what analysis ware requested? 4. Ware all indicing times able to be met? Yes Mo No Image: Clear what analysis ware requested? 9. Is it clear what analysis ware requested? Yes Yes No Image: Clear what analysis ware requested? 9. If no, notify duetoment for authorization.) Yes Yes No Image: Clear what analysis ware requested? 9. So it notified of all discregoencies with the orde.? Yes No NA Person Natified? 15. Was creat notified of all discregoencies with the orde.? Yes No NA Person Natified? 9. Whom: Via? ! cMail + ' Phone ! Fax : 1in Person Regarding. Image: 200 ministration missing on COCDAD S/28/23 16. Additional remarks: Clear information Yes Contait in Stand Bate Signed By 17. Contar Information Yes Condition Seal Image Stand Bate Signed By	-		r)	Yes 🚧	Ne "I	for p⊢:	(betch eseting 12
4. Were ellipticing times able to be met? Yns M No L Chetched by. July 201 (If no, bolity quebores for authorization.) Person Notified of all discregenous with the order? Yes No	> Are mainces or	meetly identified on Gha	un of Custody?	үөэ 🕅	Ка 🗆	Adjusted?	
(If no, believed for authorization.) pecial Handling (if applicative) 5. Was creat active of all discregeneses with fitus ordet? Yes No NA Person Natified: By Whom: Via: Regarding. Cärnt Instructions: I6. Additional remarks: Chiert Information Cooler No Cooler No Yes Cooler No Yes Cooler No Condition Seal Intact Scal No Seal Intact	3, Is it clear what	analyses were requeste:	47	Yes M	Na l		- loval
5. Was creat achined of all discrepancies with this orde.? Yes No NA Ma Person Notified: Detect Detect Detect Na Ma By Whom: Via* Construction Fax : The Person Na Ma Regarding: Constructions: Via* Constructions: Na Ma 16. Additional remarks: Client information Construction missing on COCDAD S/28/23 Via* Send Date Signed By 17 Conter Information Temp *C Candition Seal Infact Seal Na Seal Date Signed By)	Yes 🗹	No 🛄	Chestiked by.	MS COL
Person Natified: Date: By Whom: Ver Regarding. Citent Instructions: 16. Additional remarks: Ditent Information missing on COCDAD S/28/28 17 Cooler Information Cooler No Temp *C Cooler No Cooler No				_	-	-	
By Whom: Vier : cMail : Phone Fax : The Person Regarding. Chern Enstructions: IG. Additional remarks: Chern information missing on COCDAD \$/28/28 7 Conter Information Cooler No Temp *C Condition Seal Infact Scal No. Seal Date Signed By	press of the second sec				Na I	NA M	1
Regarding. Citent Instructions: IG. Additional remarks: Client information missing on COCDAD S/28/23 If Conter Information Conter Information Conter Information Conter No Figure 10 Conter No Figure 10 Conter No Conter No Figure 10		1	with the management of the second	,			
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 Additional remarks: Client information missing on CCC, -DAD S/28/23 <u>Cooler Information</u> Cooler No Temp *C Condition Seal Infact Scal No. Seal Date Signed By 				Contractor and the second			
Dient information missing on COCDAD 5/28/23 7 <u>Conter Information</u> Coder No Temp *C Condition Seal Infand Scal No Seal Date Signed By	Laentin	sirucaons: j				and the second second second	
<u>Cooler Information</u> Cooler No Temp *C Condition Seal Infact Scal No. Seal Date Signed By	Additional ren	nerks:					
Coder No Temp 10 Catdition Seal Infact Scal No Seal Date Signed By	Client inf	formation missing on CC	CDAD 5/28/23				
	7 Cooler Inform	nation					
1 0.7 Good Nut Present Marty		and a standard and the second s	A CONTRACTOR OF A CONTRACTOR O	Seel Date	Signad By		
	1	0.7 Good	Nut Present Marty				

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hellenv ronmen.sl.com 4901 Havkins NE - Albuq.Jerque. NM 87109 Tel. 505-345-3976 Fax 505-345-4107 Analysis Request	EDB (Method 504.1) PAHa by 8340 or 62705IMS PACRA 8 Metals GD F. Br. NO., NO., PO., SO. S270 (Semi-VOA) Total Collitorn (Procont/Moortt)	Kinake C. Charle Di KUN & March Andrea Franke	148 11. M.M.M.M.M.M.M. M.M. W. W. W. W. W. W. W. W. S. W.S.W. 71. S. W. W. C. T. S. W. T. C. C. S. W.
4801 Tel. 3	1PH:8016D(GRO1DRO1MRO) 9081 Pesticides/8082 PCB's		
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	Sger.		Concerted a sortice e
Tum-Around Time: = Standord Projec: Name: Projec: #:	Project Manager: CVOVC Sempter: FEVVOV On Ice: FYos A of Cooletts: A Coolet Templer enter: Cortainer Preserva	HEH WURDAN 100	with a product of
		H H	20 K
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Chain-of- Client: P.O.O.			1910
Client: C	amail or Faxe 2A/OC Package: 2 Standard Accreditation: NELAC 2 EDD (Type) 2 EDD (Type) Date 1 me		1 [N [N] 41 In marca



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Websitie: www.hallenvironmental.com

March 30, 2023

Chance Dixon Vertex Resources Services, Inc. 3101 Boyd Drive Carlsbad, NM 88220 TEL: (505) 506-0040 FAX:

OrderNo.: 2303D20

Dear Chance Dixon:

RE: Platt PA Battery

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/28/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis	Laboratory, I	ac.		La	nalytical Report b Order 2303D20 ite Reported: 3/30/2023
LIENT: Vertex Resources Services, Inc	<u>.</u>	Client Sa	mple ID:	WS23	-45 4ft
roject: Platt PA Battery		Collect	ion Date:	3/24/2	2023 2:00:00 PM
ab ID: 2303D20-001	Matrix: SOIL	Receiv	ed Date:	3/28/2	2023 7:55:00 AM
nalyses	Result	RL Qua	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	3/29/2023 12:08:20 PM
Motor Oli Range Organics (MRO)	ND	50	mg/Kg	1	3/29/2023 12:08:20 PM
Sur: DNOP	92.2	69-147	%Rec	1	3/29/2023 12:08:20 PM
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/29/2023 4:32:15 PM
Surt: BFB	97.6	37.7-212	%Rec	1	3/29/2023 4:32:15 PM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.024	mg/Kg	1	3/29/2023 4:32:15 PM
Toluene	ND	0.048	mg/Kg	1	3/29/2023 4:32:15 PM
Ethylbenzene	ND	0.048	mg/Kg	1	3/29/2023 4:32:15 PM
Xylenes, Total	ND	0.095	mg/Kg	1	3/29/2023 4:32:15 PM
Surr: 4-Bromofluorobenzene	86.7	70-130	%Rec	1	3/29/2023 4:32:15 PM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chloride	68	60	mg/Kg	20	3/29/2023 1:33:02 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times the proparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 POL Practical Quantizative Limit
 S % Recovery outside of standard limits. If undiluted results may be esti
- B Analyte detected in the associated Method Black
 Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
 P Sample JH Not in Range
 RL. Reporting Limit

Page 1 of 5

WO#: 2303D20 30-Mar-23

Client: Project:		Vertex Resources Services, Inc. Platt PA Battery									
Sample ID:	MB-74000	SampT	уре: ме	LK	Tes	tCode: EP	PA Method	300.0: Aniona	3		
Client ID:	PBS	Batch	ID: 740	000	F	RunNo: 95	5644				
Prep Date:	3/29/2023	Analysis D	ate: 3/	29/2023	5	SeqNo: 34	461932	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-74000	SampT	ype: LC	s	Tes	tCode: EF	PA Method	300.0: Aniona	3		
Client ID:	LCSS	Batch	ID: 740	000	RunNo: 95644						
Prep Date:	3/29/2023	Analysis D	ate: 3/	29/2023	SeqNo: 3461933			Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Chloride		14	1.5	15.00	0	94.9	90	110			

Qualifiers:

ant Level

D H ND

Value exceeds Maximum Contaminan Sample Dikried Dae to Matrix Holding times for preparation or analy Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of standard limits PQL S Ifundi

Analyte detected in the associated Method II Above Quartitation Range/Estimated Value Analyte detected below quartitation limits Sample pH Not In Range BEJP

RL Reporting Limit

Page 2 of 5

WO#: 2303D20

30-Mar-23

Client: Vertex	Resources Services, Inc.	
Project: Platt PA	Battery	
Sample ID: MB-73997	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesei Range Organics
Client ID: PBS	Batch ID: 73997	RunNo: 95646
Prep Date: 3/29/2023	Analysis Date: 3/29/2023	SeqNo: 3461213 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Quai
Diesel Range Organics (DRO)	ND 10	
Motor Oil Range Organics (MRO)	ND 50	
Surr: DNOP	8.8 10.00	87.7 69 147
Sample ID: LCS-73997	SampType: LCS	TestCode: EPA Method 8015M/D: Diesei Range Organics
Client ID: LCSS	Batch ID: 73997	RunNo: 95646
Prep Date: 3/29/2023	Analysis Date: 3/29/2023	SeqNo: 3461214 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Quai
Diesel Range Organics (DRO)	45 10 50.00	0 90.7 61.9 130
Surr: DNOP	4.5 5.000	90.5 69 147
Sample ID: MB-73987	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesei Range Organics
Client ID: PBS	Batch ID: 73987	RunNo: 95646
Prep Date: 3/28/2023	Analysis Date: 3/29/2023	SeqNa: 3461648 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP	9.2 10.00	91.6 69 147
Sample ID: LCS-73987	SampType: LCS	TestCode: EPA Method 8015M/D: Diesei Range Organics
Client ID: LCSS	Batch ID: 73987	RunNo: 95646
Prep Date: 3/28/2023	Analysis Date: 3/29/2023	SeqNo: 3461649 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP	4.4 5.000	87.3 69 147

Qualifiers:

Value exceeds Maximum Contaminan Sample Dikried Dae to Matrix Holding times for preparation or analy Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of standard limits sant Level

D H ND

PQL S its. If undi

Analyte detected in the associated Method II Above Quartitation Range/Estimated Value Analyte detected below quartitation limits Sample pit Not In Range BEJP

RL Reporting Limit

Page 3 of 5

2303D20 30-Mar-23

QC SUMMARY REPORT	WO#:
Hall Environmental Analysis Laboratory, Inc.	

	Resources S Battery	ervices	, Inc.							
Sample ID: Ics-73975	SampT	ype: LC	\$	Tes	tCode: EF	PA Method	8015D: Gaso	ine Range		
Client ID: LCSS	Batch	1 ID: 73	975	F	RunNo: 9	5642				
Prep Date: 3/28/2023	Analysis D)ate: 3/	29/2023	5	SeqNo: 34	461081	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.6	70	130			
Surr: BFB	2000		1000		202	37.7	212			
Sample ID: mb-73975	SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range									
Client ID: PBS	Batch	11D: 73	975	F	RunNo: 9	5642				
Prep Date: 3/28/2023	Analysis D)ate: 3/	29/2023	5	SeqNo: 34	461082	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		102	37.7	212			

Qualifiers:

•

D H ND PQL S

Velos encoede Maximum Contaminant Level. Sample Dibited Due to Matrix Holding times for preparation or analysis encoed Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of standard limits. If undits

B Analyte detected in the associated Method Illank
 E Above Quantitation Range/Entimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not In Range
 RL. Reporting Limit

Page 4 of 5

QC SUMMARY REPORT	
Hall Environmental Analysis Laboratory, Inc.	

WO#:	2303D20
	30-Mar-23

	/ertex Resources ! latt PA Battery	Services,	Inc.							
-	-	-								
Sample ID: LCS-7397	75 Samp	Type: LC	S	Tes	tcode: El	PA Method	8021B: Volat	88		
Client ID: LCSS	Bat	ch ID: 73	975	F	RunNo: 9	5642				
Prep Date: 3/28/202	3 Analysis	Date: 3/	29/2023	5	SeqNo: 34	461088	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	91.9	80	120			
Toluene	0.91	0.050	1.000	0	91.2	80	120			
Ethylbenzene	0.90	0.050	1.000	0	90.0	80	120			
Xylenes, Total	2.7	0.10	3.000	0	89.9	80	120			
Surr: 4-Bromofluorobenz	ene 0.94		1.000		93.8	70	130			
Sample ID: mb-7397	5 Samp	Туре: МЕ	3LK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Bat	ch ID: 73	975	F	RunNo: 98	5642				
Prep Date: 3/28/202	3 Analysis	Date: 3/	29/2023	5	SeqNo: 34	461089	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenz	ene 0.89		1.000		89.4	70	130			

Qualifiers:

Value exceeds Maximum Contamina Sample Diluted Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Questing Limit % Recovery outside of standard limit at Level

D H ND PQL S

B Analyte detected in the associated Method IB
 Above Quaritation Range/Estimated Value
 J Analyte detected below quaritation limits
 P Sample pil Not Is Range
 RL. Reporting Limit

Page 5 of 5

Chant, Manas, Verfex Resources, Services, Inc. Work Oxder Number: 2303020 RopNo: 1 Recensed Hy: Juan Rojas 32812023 7:5:00 AM Juan Rojas Comparison Hy: DAD 3/4:65/23 The Comparison Hy: DAD Chain of Custody 1 SCRUZ23 8:3:47 AM The Comparison Hy: DAD 3/4:65/23 Chain of Custody 1 No. Freeend No. Freeend No. Freeend No. Freeend 1 Is Clain of Custody 1 Scrueet Hy: No. Freeend No. Freeend 2 How was the sample of orlyned? Yee M No. Freeend No. Freeend 3 Was an admant reade to cool the samples? Yee M No. Freeend NA 4 Was an admant reade to cool the samples? Yee M No. Freeend NA 5 Samplets (woop) VOA and CNG) property presonce? Yee M No. M Software 5 Samplets (woop) VOA and CNG) property presonce? Yee M No. M Software 6 Was an admate dwoop) VOA and CNG) property presonce? Yee M No. M Software 7 Are samples constructor for dato bottles? Yee M <	ANALY	ONMENTAL SIS ATORY	757, 30 7-34 5-3	thi Analysis Lubo 1995 Harris Waynergae - NM 275 FAX: 304-345 Mallenwirmunach	на МА Конто San 1-4702	nple Log-In C	heck List
Environment Hy DAD 3/128/23 Chein of Custody 1. Is Chain of Custody complete? Yee No // Not Present 2. How was the samples 60 wered? Courier Add to 3 Was an attempt mude to cool the samplet? Yee M No //			Work Order Numb	er: 2303D20		ReptNo:	: 1
Environment Hy DAD 3/128/23 Chein of Custody 1. Is Chain of Custody complete? Yee No // Not Present 2. How was the samples 60 wered? Courier Add to 3 Was an attempt mude to cool the samplet? Yee M No //	Received By:	Juan Rojas	3/28/2023 7:55:00 /	M	i banna G-		
Environment Hy DAD 3/128/23 Chein of Custody 1. Is Chain of Custody complete? Yee No // Not Present 2. How was the samples 60 wered? Courier Add to 3 Was an attempt mude to cool the samplet? Yee M No //	Completed By	Desiree Dominguez	3/28/2023 8:33:47 /	M	~ 52 ~		
1. Is Claim of Custody complete? Yee No F Not Present 2. How was the sample derivared? Courier 4. Write all samples manifed to cool the sample? Yee No No No 3. Write all samples manifed to cool the sample? Yee No No No No 4. Write all samples manifed to all the sample? Yee Mo No No No 5. Samplets) is prepared at a temperature of x0° C to 5.0°C Yee Mo No No No 6. Addition is an ple volume for indicated matrix?? Yee Yee No No No No 7. Are samplet (axcept VOA and CNG) property preserve? Yee No No No No No 8. Sufficient each to total at least 1 viait in treadqueee <3M1 for XO VOA?	Rovinwood By:	DAD	3/28/23				
2 How was the sample dovered? Courier Loa La Courier 1 Was an attempt made to cool the samples? Yes M No - I NA I 4 Were all samples received at a temperature of x0° C to 5.0°C Yes M No - I NA I 5 Sufficient samples received at a temperature of x0° C to 5.0°C Yes M No - I NA I 6 Sufficient samples received at a temperature of x0° C to 5.0°C Yes M No - I NA I 7 Sufficient samples constainct(s)? Yes M No - I NA I 8 Sufficient samples (accept VOA and CNG) properly preceived? Yes M No - I NA I 8 Was preservative added to bolice? Yes M No - I NA I 9 Received at least 1 vial with Heudspace <im* for="" td="" voa?<="" x0=""> Yes M No - I NA I 1.10es paeonyotic match bollie lature? Yes M No - I I Yes M No - I 2 Alematicses controllines of autory) Yes M No - I I Yes M No - I 2 Alematicses controllines to autoria of autory) Yes M No - I I/Alwateet T Yes M<td>hain of Cust</td><td>ody</td><td></td><td></td><td></td><td></td><td></td></im*>	hain of Cust	ody					
Loa In 3 Was an attempt reade to cool the samples? Yes M No. I NA 4 Weie all samples cooline if a temperature of X0° C to 6.0°C Yes M No. I NA 5 Samples) is angle containe (\$\$?) Yes M No. I NA 5 Samples (account at a temperature of X0° C to 6.0°C Yes M No. I NA 5 Samples) is angle containe (\$\$?) Yes M No. I NA 6 Sufficient early evaluate for indicated tradity? Yes M No. I NA 7. Are samples (accoult to AliG) properly preserve? Yes M No. I NA 8. Was preservative added to bolities? Yes I No. M M 9. Received at least 1 vial with Feadquose <\$M* for AO VOA?), ils Cliain er Cu	stody complete?		Yee 🗍	No 🔽	Not Present 🗍	
3 Was an attempt made to cool the samples? Yes Mo NA NA 4 Were all samples received at a temperature of X0° C to 5.0°C Yes Mo NA NA 5 Samples received at a temperature of X0° C to 5.0°C Yes Mo NA NA 5 Samples received at a temperature of X0° C to 5.0°C Yes Mo NA NA 5 Samples (accept VOA and CNG) property preserve? Yes Mo NA NA 6. Was preservative added to bollies? Yes No NA NA 9 Received at least 1 with Headquese <\$M° for X0 VOA?	How was the s	sample de ivered?		Courier			
4 Wene all samples received at a temperature of >0° C to 6.0° C yes No NA 5 Sample(s) is an per container(s)? Yes No NA 5 Sample(s) is an per container(s)? Yes No NA 6 Sample(s) is an per container(s)? Yes No NA 7 Are samples (accept VOA and ONG) properly preserve? Yes No NA 7. Are samples (accept VOA and ONG) properly preserve? Yes No NA 9 Received at least 1 vial with headspace SiAf for AO VOA? Yes No NA 0 Wore any sample containers received broken? Yes No NA Vers NA 1. Does peorework match bottle lature? Yes Mo Mo Allyes checkled 1. Does peorework match bottle lature? Yes Mo Allyes checkled 1. Does peorework match bottle lature? Yes Mo Allyes checkled 3 Is it clear what analysis wave requested? Yes Mo Allyested? 2 Are marcres contratified for all discrepancies with the order? Yes No Allyested by 3 Is it clear what analysis wave requested? Yes No NA Al		ek ennde ha oont Noo ooon	413.9 7	w., 64	No. 1	ыл	
5 Samples) is anoper containe \sty? Yes No 5 Sufficient is an pie volume for indicated trading? Yes No 6 Sufficient is an pie volume for indicated trading? Yes No 7 Are samples (accept VOA and ONG) properly preserved? Yes No 8 Was preservative added to bolities? Yes No 9 Received at least 1 vial with Headspace Yes No 9 Received at least 1 vial with Headspace Yes No 0 Wore any sample containers received booken? Yes No 1 Docs peositive added to bolities? Yes No # of preserved bolities at each of austraty? 2 Are man des contraints inserved to docken? Yes No If any preserved bolities? 1 Docs peositive that analyzes wave requested? Yes No If apple austration? 2 Are man des contraints for austraty? Yes No If any preserved bolities? 3 Is is clear what analyzes wave requested? Yes No If application? 4. Wore ellivishing three site to be unt? Yes No No	naa a' rami'n	in the end of the same	אבא	-62 (M)	160 ° 1	Det 1	
B. Sufficienti sam pie volume for ndicated test(s)? Yes Yes No 7. Are samples (accept VOA and ONG) properly processe? Yes No No 7. Are samples (accept VOA and ONG) properly processe? Yes No No 8. Was preservative added to bollies? Yes No No No 9. Received at least 1 vial with headspace <\$14° for AO VOA?	Were all sample	los raceànd at a tempen	eture of i>0° C to 6.0° C	¥ee 🗹	No	NA 🗆	
7. Are samples (except VOA and ONG) properly processor? Yes No No 8. Was pressive added to bollies? Yes No NA 9. Received at least 1 vial with Headspace < \$44° for AO VOA?	i Sanıple(s) in a	roper container(s)?		Yee 🗹	NIO 🗆		
8. Was preservative added to bollies? Yas No M NA L 9. Received at least 1 vial with headspace <3M* for AO VOA?), Sufficientiean p	de volume for indicated t	test(s)?	Үев 🗹	No 🗖		
8. Was preservative added to bollies? Yes Ne Ne NA 9. Received at least 1 vial with headspace <3M* for AO VOA?					No 🗆		
0 Word any sample concerns received broken? Yes No # of preserved bottles checked 1.Doos peoprivate match bottle lates? Yes No # of preserved bottles checked (Note discregencies on chain of custody) Yes No Interview on chain of custody) 2 Are man ces correctly identified on Chain of Custody? Yes No No Adjusted? 3, is it clear what analyses wave requested? Yes No No Adjusted? (If no, folly customer it is authorization.) Yes No No Adjusted? (B) Were all indicing times able to be met? Yes No No Adjusted? (If no, folly customer it is authorization.) Yes No No Adjusted? (B) Whom: Yes Yes No No No No No (S) Ware cust intified of all discregenerics with thes order? Yes No No<					No 🗹		
1. Does peoprivate match bollie laLea? Yes No Interview of preserved boddes checked for phone in the phone ph	Received at lea	est 1 vial with headspace	<\$14" for AQ VOA?	Yes 📋	No 🗁	NA 🗹	
1. Does peak work match bottle lates? Yes M No) Word any sam	iple containers received l	broken?	Yes	No 🕅		
2. Joint carrier what analysis ware requested? Yes No No 3. Is it clear what analysis ware requested? Yes No No Image: Clear what analysis ware requested? 4. Ware all indicing times able to be met? Yes Mo No Image: Clear what analysis ware requested? 9. Is it clear what analysis ware requested? Yes Yes No Image: Clear what analysis ware requested? 9. If no, notify duetoment for authorization.) Yes Yes No Image: Clear what analysis ware requested? 9. So it notified of all discregoencies with the orde.? Yes No NA Person Natified? 15. Was creat notified of all discregoencies with the orde.? Yes No NA Person Natified? 9. Whom: Via? ! cMail + ' Phone ! Fax : 1in Person Regarding. Image: 200 ministration missing on COCDAD S/28/23 16. Additional remarks: Clear information Yes Contait in Stand Bate Signed By 17. Contar Information Yes Condition Seal Image Stand Bate Signed By	-		r)	Yes 🚧	Ne "I	for p⊢:	(betch eseting 12
4. Were ellipticing times able to be met? Yns M No L Chetched by. July 201 (If no, bolity quebores for authorization.) Person Notified of all discregenous with the order? Yes No	> Are mainces or	meetly identified on Gha	un of Custody?	үөэ 🕅	Ка 🗆	Adjusted?	
(If no, believed for authorization.) pecial Handling (if applicative) 5. Was creat active of all discregeneses with fitus ordet? Yes No NA Person Natified: By Whom: Via: Regarding. Cärnt Instructions: I6. Additional remarks: Chiert Information Cooler No Cooler No Yes Cooler No Yes Cooler No Condition Seal Intact Scal No Seal Intact	3, Is it clear what	analyses were requeste:	47	Yes M	Na l		- loval
5. Was creat achined of all discrepancies with this orde.? Yes No NA Ma Person Notified: Detect Detect Detect Na Ma By Whom: Via* Construction Fax : The Person Na Ma Regarding: Constructions: Via* Constructions: Na Ma 16. Additional remarks: Client information Construction missing on COCDAD S/28/23 Via* Send Date Signed By 17 Conter Information Temp *C Candition Seal Infact Seal Na Seal Date Signed By)	Yes 🗹	No 🛄	Chestiked by.	MS COL
Person Natified: Date: By Whom: Ver Regarding. Citent Instructions: 16. Additional remarks: Ditent Information missing on COCDAD S/28/28 17 Cooler Information Cooler No Temp *C Cooler No Cooler No				_	-	-	
By Whom: Vier : cMail : Phone Fax : The Person Regarding. Chern Enstructions: IG. Additional remarks: Chern information missing on COCDAD \$/28/28 7 Conter Information Cooler No Temp *C Condition Seal Infact Scal No. Seal Date Signed By	press of the second sec				Na I	NA M	1
Regarding. Citent Instructions: IG. Additional remarks: Client information missing on COCDAD S/28/23 If Conter Information Conter Information Conter Information Conter No Figure 10 Conter No Figure 10 Conter No Conter No Figure 10		1	with the management of the second	,			
Citent Instructions: Citent Instructions: Citent Information missing on COCDAD S/28/23 7 <u>Conter Information</u> Cooler No Temp *C Condition Seal Infact Scal No. Seal Date Signed By			Via.	CMail '	Phone (Hax	: In Person	
 Additional remarks: Client information missing on CCC, -DAD S/28/23 <u>Cooler Information</u> Cooler No Temp *C Condition Seal Infact Scal No. Seal Date Signed By 				Contractor and the second			
Dient information missing on COCDAD S/28/23 7 <u>Conter Information</u> Coder No Temp *C Condition Seal Infand Scal No Seal Date Signed By	Laentin	sirucaons: j				and the second second second	
<u>Cooler Information</u> Cooler No Temp *C Condition Seal Infact Scal No. Seal Date Signed By	Additional ren	nerks:					
Coder No Temp 10 Catdition Seal Infact Scal No Seal Date Signed By	Client inf	formation missing on CC	CDAD 5/28/23				
	7 Cooler Inform	nation					
1 0.7 Good Nut Present Marty		and a standard and the second s	A CONTRACTOR OF A CONTRACTOR O	Seel Date	Signad By		
	1	0.7 Good	Nut Present Marty				

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hellenv ronmen.sl.com 4901 Hawkins NE - Albuquerque. NM 87109 Tel. 505-345-3976 Fax 505.345-4107 Tel. 502-345-3976 Fax 505.345-4107 Analysis Request	9081 Pesticides/8082 PCB's EDB (Method 504.1) PAHs by 8340 or 8270SIMS PCRA 8 Metals SCR 8 Metals CDF, Br, NO., NO., PO., SO., S270 (Semi-VOA) S270 (Semi-VOA) Total Coliform (Proson/Mbsont)		The: Remarker: Received by Vie. Late The Remarks: 18:00 Three: Relinquished by: Reveived by Vie. Vie. Date The Remarks: Three: Relinquished by: Reveived by Vie. Vie. Date The CC: Charle Di KUN Adving CC MMMMM HAAN PORTED TO BE THE CONTROL OF PORTED AND CONTROL OF ADVING CONTROL ADVING CONTROL OF ADVING CONTROL OF ADVING CONTROL OF ADVING CONTROL ADVING CONTR
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Client: ECIC LESQUY RECORD Client: ECIC LESQUYCOS Mailing Address: On CUE	amail or Fax#: 2A/OC Package: 2 Standard T. Level 4 (Futh Validation) Accreditation: D Az Compliance NELAC _ Other T EDD (Type) Date T me Matrix Sample Name		Delle Trre: Reinsukned by: 3/124 VB:00 C C C C C C C C C C C C C C C C C C



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

April 03, 2023

Chance Dixon Vertex Resources Services, Inc. 3101 Boyd Drive Carlsbad, NM 88220 TEL: (505) 506-0040 FAX

OrderNo.: 2303D76

Dear Chance Dixon:

RE: Platt PA Battery

Hall Environmental Analysis Laboratory received 12 sample(s) on 3/29/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis	s Laboratory, I	nc.			b Order 2303D76 te Reported: 4/3/2023			
CLIENT: Vertex Resources Services, Inc. Project: Platt PA Battery Lab ID: 2303D76-001	Matrix: SOIL	Client Sample ID: BS23-31 4ft Collection Date: 3/27/2023 11:00:00 AM Received Date: 3/29/2023 7:35:00 AM						
Analyses	Result	RL Qua	al Units	DF	Date Analyzed			
EPA METHOD 8015M/D: DIESEL RANGE	E ORGANICS				Analyst: PRD			
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	3/30/2023 5:28:24 PM			
Motor Oli Range Organics (MRO)	ND	49	mg/Kg	1	3/30/2023 5:28:24 PM			
Sur: DNOP	76.8	69-147	%Rec	1	3/30/2023 5:28:24 PM			
EPA METHOD 8015D: GASOLINE RANG	ε				Analyst: JJP			
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/30/2023 10:15:04 PM			
Surr: BFB	101	37.7-212	%Rec	1	3/30/2023 10:15:04 PM			
EPA METHOD 8021B: VOLATILES					Analyst: JJP			
Benzene	ND	0.024	mg/Kg	1	3/30/2023 10:15:04 PM			
Toluene	ND	0.048	mg/Kg	1	3/30/2023 10:15:04 PM			
Ethylbenzene	ND	0.048	mg/Kg	1	3/30/2023 10:15:04 PM			
Xylenes, Total	ND	0.097	mg/Kg	1	3/30/2023 10:15:04 PM			
Surr: 4-Bromofluorobenzene	89.0	70-130	%Rec	1	3/30/2023 10:15:04 PM			
EPA METHOD 300.0: ANIONS					Analyst: SNS			
Chloride	2400	60	mg/Kg	20	3/30/2023 6:22:00 PM			

Qualifiers:

- Value exceeds Maximum Costaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceed
 ND Not Detected at the Reporting Limit
 PQL Practical Quantizative Limit
 \$ % Recovery outside of standard limits. If undilut
- ted results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pit Not in Range
 RL. Reporting Limit

Page 1 of 16

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Hall Environmental Analysis I	Laboratory, In	c.			b Order 2303D76 te Reported: 4/3/2023
CLIENT: Vertex Resources Services, Inc.		Client Sa	nple ID:	BS23-	-32 4ft
Project: Platt PA Battery		Collecti	on Date:	3/27/2	023 11:05:00 AM
Lab ID: 2303D76-002	Matrix: SOIL	Receiv	ed Date:	3/29/2	023 7:35:00 AM
Analyses	Result	RL Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	DRGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	3/30/2023 5:49:49 PM
Motor OII Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 5:49:49 PM
Sur: DNOP	80.6	69-147	%Rec	1	3/30/2023 5:49:49 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/30/2023 11:25:41 PM
Sur: BFB	103	37.7-212	%Rec	1	3/30/2023 11:25:41 PM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.024	mg/Kg	1	3/30/2023 11:25:41 PM
Toluene	ND	0.048	mg/Kg	1	3/30/2023 11:25:41 PM
Ethylbenzene	ND	0.048	mg/Kg	1	3/30/2023 11:25:41 PM
Xylenes, Total	ND	0.097	mg/Kg	1	3/30/2023 11:25:41 PM
Surr: 4-Bromofluorobenzene	91.0	70-130	%Rec	1	3/30/2023 11:25:41 PM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chioride	1600	60	mg/Kg	20	3/30/2023 6:34:24 PM

Qualifiers:

Value exceeds Macimum Contaminant Level. D Sample Dilated Dae to Matrix H Holding times for preparation or analysis ecceed ND Not Detected at the Reporting Limit PQL Practical Quantative Limit S % Recovery outside of standard limits. If undilat

- ied results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pit Not in Range
 RL. Reporting Limit

Page 2 of 16

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Hall Environmental Analysis	Laboratory, In	ıc.			b Order 2303D76 te Reported: 4/3/2023
CLIENT: Vertex Resources Services, Inc. Project: Platt PA Battery Lab ID: 2303D76-003	Matrix: SOIL	33 4ft 023 11:10:00 AM 023 7:35:00 AM			
Analyses	Result	RL Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD
Diesei Range Organics (DRO)	ND	9.9	mg/Kg	1	3/30/2023 6:00:35 PM
Motor OII Range Organics (MRO)	ND	50	mg/Kg	1	3/30/2023 6:00:35 PM
Sur: DNOP	139	69-147	%Rec	1	3/30/2023 6:00:35 PM
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	3/31/2023 12:36:11 AM
Sur: BFB	101	37.7-212	%Rec	1	3/31/2023 12:36:11 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.025	mg/Kg	1	3/31/2023 12:36:11 AM
Toluene	ND	0.050	mg/Kg	1	3/31/2023 12:36:11 AM
Ethylbenzene	ND	0.050	mg/Kg	1	3/31/2023 12:36:11 AM
Xylenes, Total	ND	0.10	mg/Kg	1	3/31/2023 12:36:11 AM
Surr: 4-Bromofluorobenzene	88.5	70-130	%Rec	1	3/31/2023 12:36:11 AM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chloride	1400	60	mg/Kg	20	3/30/2023 6:46:49 PM

Qualifiers:

Value exceeds Maximum Contaminant Level. D Sample Dilated Due to Matrix H Holding times for preparation or analysis excees ND Not Detected at the Reporting Limit PQL Practical Quantative Limit S % Recovery outside of standard limits. If undilu

- ed results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pit Not in Range
 RL. Reporting Limit

- Page 3 of 16

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Hall Environmental Analysis	Laboratory, l	nc.			b Order 2303D76 te Reported: 4/3/2023				
CLIENT: Vertex Resources Services, Inc. Project: Platt PA Battery Lab ID: 2303D76-004	Matrix: SOIL	Client Sample ID: BS23-34 4ft Collection Date: 3/27/2023 11:15:0 trix: SOIL Received Date: 3/29/2023 7:35:00							
Analyses	Result	RL Qu	al Units	DF	Date Analyzed				
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD				
Diesel Range Organics (DRO)	12	9.6	mg/Kg	1	3/30/2023 6:11:21 PM				
Motor OII Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 6:11:21 PM				
Sur: DNOP	108	69-147	%Rec	1	3/30/2023 6:11:21 PM				
EPA METHOD 8015D: GASOLINE RANG	E				Analyst: JJP				
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	3/31/2023 12:59:40 AM				
Surr: BFB	104	37.7-212	%Rec	1	3/31/2023 12:59:40 AM				
EPA METHOD 8021B: VOLATILES					Analyst: JJP				
Benzene	ND	0.025	mg/Kg	1	3/31/2023 12:59:40 AM				
Toluene	ND	0.050	mg/Kg	1	3/31/2023 12:59:40 AM				
Ethylbenzene	ND	0.050	mg/Kg	1	3/31/2023 12:59:40 AM				
Xylenes, Total	ND	0.10	mg/Kg	1	3/31/2023 12:59:40 AM				
Surr: 4-Bromofluorobenzene	87.1	70-130	%Rec	1	3/31/2023 12:59:40 AM				
EPA METHOD 300.0: ANIONS					Analyst: SNS				
Chloride	4900	300	mg/Kg	100	3/31/2023 8:50:35 AM				

Qualifiers:

Value exceeds Maximum Costaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceed
ND Not Detected at the Reporting Limit
PQL Practical Quantizative Limit
\$ % Recovery outside of standard limits. If undilut

- ied results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pit Not in Range
 RL. Reporting Limit

Page 4 of 16

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Hall Environmental Analysis	Laboratory, 1	Inc.		La	nalytical Report b Order 2303D76 te Reported: 4/3/2023
CLIENT: Vertex Resources Services, Inc. Project: Platt PA Battery Lab ID: 2303D76-005	Matrix: SOIL	Colle		3/27/2	-35 4ft 2023 11:20:00 AM 2023 7:35:00 AM
Analyses	Result	RL Q	aal Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	3/30/2023 6:43:31 PM
Motor OII Range Organics (MRO)	ND	47	mg/Kg	1	3/30/2023 6:43:31 PM
Sur: DNOP	94.8	69-147	%Rec	1	3/30/2023 6:43:31 PM
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	3/31/2023 1:23:10 AM
Surr: BFB	101	37.7-212	%Rec	1	3/31/2023 1:23:10 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.025	mg/Kg	1	3/31/2023 1:23:10 AM
Toluene	ND	0.049	mg/Kg	1	3/31/2023 1:23:10 AM
Ethylbenzene	ND	0.049	mg/Kg	1	3/31/2023 1:23:10 AM
Xylenes, Total	ND	0.099	mg/Kg	1	3/31/2023 1:23:10 AM
Surr: 4-Bromofluorobenzene	88.8	70-130	%Rec	1	3/31/2023 1:23:10 AM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chloride	1400	59	mg/Kg	20	3/30/2023 7:11:38 PM

Qualifiers:

Value exceeds Macimum Contaminant Level. D Sample Dilated Dae to Matrix H Holding times for preparation or analysis ecceed ND Not Detected at the Reporting Limit PQL Practical Quantative Limit S % Recovery outside of standard limits. If undilat

- ed results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pit Not in Range
 RL. Reporting Limit

Page 5 of 16

Hall Environmental Analysis	Laboratory,	Inc.		L	nalytical Report ab Order 2303D76 ate Reported: 4/3/2023
CLIENT: Vertex Resources Services, Inc.		Clier	at Sample ID:	BS23	-36 4ft
Project: Platt PA Battery Lab ID: 2303D76-006	Matrix: SOIL				2023 11:25:00 AM 2023 7:35:00 AM
Analyses	Result	RL (Qual Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	3/30/2023 6:54:16 PM
Motor OII Range Organics (MRO)	ND	50	mg/Kg	1	3/30/2023 6:54:16 PM
Sur: DNOP	98.1	69-147	%Rec	1	3/30/2023 6:54:16 PM
EPA METHOD 8015D: GASOLINE RANG	E				Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/31/2023 1:46:38 AM
Sur: BFB	101	37.7-212	%Rec	1	3/31/2023 1:46:38 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.024	mg/Kg	1	3/31/2023 1:46:38 AM
Toluene	ND	0.048	mg/Kg	1	3/31/2023 1:46:38 AM
Ethylbenzene	ND	0.048	mg/Kg	1	3/31/2023 1:46:38 AM
Xylenes, Total	ND	0.097	mg/Kg	1	3/31/2023 1:46:38 AM
Surr: 4-Bromofluorobenzene	88.4	70-130	%Rec	1	3/31/2023 1:46:38 AM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chioride	3100	150	mg/Kg	50	3/31/2023 9:02:58 AM

Qualifiers:

Value exceeds Macimum Contaminant Level. D Sample Dilated Dae to Matrix H Holding times for preparation or analysis ecceed ND Not Detected at the Reporting Limit PQL Practical Quantative Limit S % Recovery outside of standard limits. If undilat

- ed results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pit Not in Range
 RL. Reporting Limit

Page 6 of 16

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Hall Environmental Analysis	Laboratory,	Inc.		La	nalytical Report b Order 2303D76 ite Reported: 4/3/2023
CLIENT: Vertex Resources Services, Inc. Project: Platt PA Battery			ample ID:		-37 4ft 2023 11:30:00 AM
Project: Platt PA Battery Lab ID: 2303D76-007	Matrix: SOIL				2023 7:35:00 AM
Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	3/30/2023 7:15:39 PM
Motor OII Range Organics (MRO)	ND	50	mg/Kg	1	3/30/2023 7:15:39 PM
Sur: DNOP	101	69-147	%Rec	1	3/30/2023 7:15:39 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	3/31/2023 2:10:08 AM
Surr: BFB	101	37.7-212	%Rec	1	3/31/2023 2:10:08 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.025	mg/Kg	1	3/31/2023 2:10:08 AM
Toluene	ND	0.049	mg/Kg	1	3/31/2023 2:10:08 AM
Ethylbenzene	ND	0.049	mg/Kg	1	3/31/2023 2:10:08 AM
Xylenes, Total	ND	0.099	mg/Kg	1	3/31/2023 2:10:08 AM
Surr: 4-Bromofluorobenzene	88.5	70-130	%Rec	1	3/31/2023 2:10:08 AM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chloride	1800	60	mg/Kg	20	3/30/2023 7:36:27 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Macimum Contaminant Level. D Sample Dilated Dae to Matrix H Holding times for preparation or analysis ecceed ND Not Detected at the Reporting Limit PQL Practical Quantative Limit S % Recovery outside of standard limits. If undilat ied results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pit Not in Range
 RL. Reporting Limit

- Page 7 of 16

Hall Environmental Analysis	Laboratory,	Inc.		L	nalytical Report ab Order 2303D76 ate Reported: 4/3/2023
CLIENT: Vertex Resources Services, Inc.		Clie	ent Sample ID:	BS23	-38 4ft
Project: Platt PA Battery		C	ollection Date:	3/27/	2023 11:35:00 AM
Lab ID: 2303D76-008	Matrix: SOIL	I	Received Date:	3/29/	2023 7:35:00 AM
Analyses	Result	RL	Qual Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	3/30/2023 7:26:23 PM
Motor OII Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 7:26:23 PM
Sur: DNOP	103	69-147	%Rec	1	3/30/2023 7:26:23 PM
EPA METHOD 8015D: GASOLINE RANG	E				Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/31/2023 2:33:36 AM
Sur: BFB	102	37.7-212	%Rec	1	3/31/2023 2:33:36 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.024	mg/Kg	1	3/31/2023 2:33:36 AM
Toluene	ND	0.048	mg/Kg	1	3/31/2023 2:33:36 AM
Ethylbenzene	ND	0.048	mg/Kg	1	3/31/2023 2:33:36 AM
Xylenes, Total	ND	0.096	mg/Kg	1	3/31/2023 2:33:36 AM
Surr: 4-Bromofluorobenzene	89.9	70-130	%Rec	1	3/31/2023 2:33:36 AM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chioride	2200	60	mg/Kg	20	3/30/2023 7:48:52 PM

Qualifiers:

- Value exceeds Maximum Costaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceed
 ND Not Detected at the Reporting Limit
 PQL Practical Quantizative Limit
 \$ % Recovery outside of standard limits. If undilut

- ied results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pit Not in Range
 RL. Reporting Limit

- Page 8 of 16

Hall Environmental Analysis	Laboratory,	Inc.		L	nalytical Report ab Order 2303D76 ate Reported: 4/3/2023
CLIENT: Vertex Resources Services, Inc.		Clie	ent Sample ID:	BS23	-39 4ft
Project: Platt PA Battery		C	ollection Date:	3/27/	2023 11:40:00 AM
Lab ID: 2303D76-009	Matrix: SOIL	I	Received Date:	3/29/	2023 7:35:00 AM
Analyses	Result	RL	Qual Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	3/30/2023 7:47:42 PM
Motor OII Range Organics (MRO)	ND	49	mg/Kg	1	3/30/2023 7:47:42 PM
Sur: DNOP	101	69-147	%Rec	1	3/30/2023 7:47:42 PM
EPA METHOD 8015D: GASOLINE RANG	E				Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	3/31/2023 2:57:03 AM
Sur: BFB	101	37.7-212	%Rec	1	3/31/2023 2:57:03 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.025	mg/Kg	1	3/31/2023 2:57:03 AM
Toluene	ND	0.049	mg/Kg	1	3/31/2023 2:57:03 AM
Ethylbenzene	ND	0.049	mg/Kg	1	3/31/2023 2:57:03 AM
Xylenes, Total	ND	0.099	mg/Kg	1	3/31/2023 2:57:03 AM
Surr: 4-Bromofluorobenzene	89.7	70-130	%Rec	1	3/31/2023 2:57:03 AM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chioride	2500	150	mg/Kg	50	3/31/2023 9:15:22 AM

Qualifiers:

Value exceeds Maximum Costaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceed
ND Not Detected at the Reporting Limit
PQL Practical Quantizative Limit
\$ % Recovery outside of standard limits. If undilut

- ied results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pit Not in Range
 RL. Reporting Limit

Page 9 of 16

Hall Environmental Analysis	Laboratory, 1	Inc.		Lat	alytical Report Order 2303D76 te Reported: 4/3/2023
CLIENT: Vertex Resources Services, Inc. Project: Platt PA Battery			Sample ID: tion Date:		40 4ft 023 11:45:00 AM
Lab ID: 2303D76-010	Matrix: SOIL				023 7:35:00 AM
Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD
Diesel Range Organics (DRO)	21	9.7	mg/Kg	1	3/30/2023 7:58:24 PM
Motor OII Range Organics (MRO)	ND	49	mg/Kg	1	3/30/2023 7:58:24 PM
Sur: DNOP	105	69-147	%Rec	1	3/30/2023 7:58:24 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/31/2023 3:20:28 AM
Surr: BFB	99.6	37.7-212	%Rec	1	3/31/2023 3:20:28 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.024	mg/Kg	1	3/31/2023 3:20:28 AM
Toluene	ND	0.048	mg/Kg	1	3/31/2023 3:20:28 AM
Ethylbenzene	ND	0.048	mg/Kg	1	3/31/2023 3:20:28 AM
Xylenes, Total	ND	0.097	mg/Kg	1	3/31/2023 3:20:28 AM
Surr: 4-Bromofluorobenzene	87.2	70-130	%Rec	1	3/31/2023 3:20:28 AM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chloride	9200	300	mg/Kg	100	3/31/2023 9:27:44 AM

Qualifiers:

Value exceeds Macimum Contaminant Level. D Sample Dilated Dae to Matrix H Holding times for preparation or analysis ecceed ND Not Detected at the Reporting Limit PQL Practical Quantative Limit S % Recovery outside of standard limits. If undilat

ed results may be est

B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pit Not in Range
 RL. Reporting Limit

Page 10 of 16

Hall Environmental Analysi	s Laboratory, 1	Inc.		La	nalytical Report b Order 2303D76 te Reported: 4/3/2023
CLIENT: Vertex Resources Services, Inc	_	Client S	ample ID:	BS23-	41 4ft
Project: Platt PA Battery		Collec	tion Date:	3/27/2	023 11:50:00 AM
Lab ID: 2303D76-011	Matrix: SOIL	Rece	ived Date:	3/29/2	023 7:35:00 AM
Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	3/30/2023 8:19:49 PM
Motor OII Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 8:19:49 PM
Sur: DNOP	100	69-147	%Rec	1	3/30/2023 8:19:49 PM
EPA METHOD 8015D: GASOLINE RANG	Æ				Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	3/31/2023 4:07:20 AM
Sur: BFB	101	37.7-212	%Rec	1	3/31/2023 4:07:20 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.025	mg/Kg	1	3/31/2023 4:07:20 AM
Toluene	ND	0.050	mg/Kg	1	3/31/2023 4:07:20 AM
Ethylbenzene	ND	0.050	mg/Kg	1	3/31/2023 4:07:20 AM
Xylenes, Total	ND	0.10	mg/Kg	1	3/31/2023 4:07:20 AM
Surr: 4-Bromofluorobenzene	89.9	70-130	%Rec	1	3/31/2023 4:07:20 AM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chioride	6800	300	mg/Kg	100	3/31/2023 9:40:08 AM

Qualifiers:

Value exceeds Maximum Costaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceed
ND Not Detected at the Reporting Limit
PQL Practical Quantizative Limit
\$ % Recovery outside of standard limits. If undilut

- ied results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pit Not in Range
 RL. Reporting Limit

- Page 11 of 16

Hall Environmental Analysis	Laboratory, 1	Inc.		La	nalytical Report b Order 2303D76 nte Reported: 4/3/2023
CLIENT: Vertex Resources Services, Inc.		Client S	ample ID:	WS23	3-47 4ft
Project: Platt PA Battery		Collec	tion Date:	3/27/2	2023 11:55:00 AM
Lab ID: 2303D76-012	Matrix: SOIL	Recei	ived Date:	3/29/2	2023 7:35:00 AM
Analyses	Result	RL Qua	d Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	3/30/2023 8:41:09 PM
Motor Oli Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 8:41:09 PM
Sur: DNOP	103	69-147	%Rec	1	3/30/2023 8:41:09 PM
EPA METHOD 8015D: GASOLINE RANG	E				Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	3/31/2023 4:30:41 AM
Sur: BFB	98.7	37.7-212	%Rec	1	3/31/2023 4:30:41 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.023	mg/Kg	1	3/31/2023 4:30:41 AM
Toluene	ND	0.047	mg/Kg	1	3/31/2023 4:30:41 AM
Ethylbenzene	ND	0.047	mg/Kg	1	3/31/2023 4:30:41 AM
Xylenes, Total	ND	0.094	mg/Kg	1	3/31/2023 4:30:41 AM
Surr: 4-Bromofluorobenzene	86.8	70-130	%Rec	1	3/31/2023 4:30:41 AM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chioride	ND	60	mg/Kg	20	3/30/2023 9:52:56 PM

Qualifiers:

- Value encoded Maximum Contaminant Level.
 D Sample Dilated Dae to Matrix
 H Holding times for proparation or analysis encoded
 ND Not Detected at the Reporting Limit
 P(L Practical Quantizative Limit
 S % Recovery outside of standard limits. If undifuted results may be esti
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pit Not in Range
 RL. Reporting Limit

- Page 12 of 16

WO#: 2303D76

03-Apr-23

Client: Project:		Resources S A Battery	ervices	, Inc.							
Sample ID:	MB-74038	SampT	ype: Me	BLK	Tes	tCode: EF	PA Method	300.0: Anion	8		
Client ID:	PBS	Batch	ID: 74	038	F	RunNo: 9	5700				
Prep Date:	3/30/2023	Analysis D	ate: 3/	30/2023	5	SeqNo: 34	463712	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-74038	SampT	ype: LC	\$	Tes	tCode: EF	PA Method	300.0: Anion	8		
Client ID:	LCSS	Batch	ID: 74	038	F	RunNo: 9	5700				
Prep Date:	3/30/2023	Analysis D	ate: 3/	30/2023	5	SeqNo: 34	463713	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	92.7	90	110			

Qualifiers:

. Value et eds Maxim m Contaminant Level.

D Sample Dikned Due to Matrix H Holding times for preparation or anal ND Not Detected at the Reporting Limit PQL. Practical Quantitative Limit

% R tside of stands ia. If a

- ed in the associated Method Blank в Analyte de
- E Above Quantitation Range/Estimated Value
 Analyte detected below quantitation limits
 Sample pl1 Not In Range
 RL. Reporting Limit

Page 13 of 16

WO#: 2303D76

03-Apr-23

	A Battery	rvices,	Inc.							
Sample ID: MB-74015	SampTy						8015M/D: Die	sel Rang	e Organice	
Client ID: PBS Prep Date: 3/29/2023	Analysis Da	ID: 740 ate: 3/3			RunNo: 99 GeqNo: 34		Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		102	69	147			
Sample ID: LCS-74015	SampTy	pe: LC:	\$	Tes	tCode: E	PA Method	8015M/D: Die	sel Rang	e Organica	
Client ID: LCSS	Batch	ID: 740	15	F	tunNo: 9	5677				
Prep Date: 3/29/2023	Analysis Da	ite: 3/3	30/2023	5	eqNo: 34	462621	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.5	61.9	130			
Sur: DNOP	5.5		5.000		110	69	147			

Qualifiers:

. Value et eds Maxim m Contaminant Level.

D Sample Dikned Due to Matrix H Holding times for preparation or anal ND Not Detected at the Reporting Limit PQL. Practical Quantitative Limit

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ed in the associated Method Blank в Analyte de

E Above Quantitation Range/Estimated Value
 Analyte detected below quantitation limits
 Sample pl1 Not In Range
 RL. Reporting Limit

Page 14 of 16

WO#: 2303D76

03-Apr-23

Client: Project:	Vertex Ro Platt PA I	esources S Battery	ervices,	, Inc.							
Sample ID:	2303d76-001ams	SampT	ype: Ms	}	Tes	tCode: E	PA Method	8015D: Gaso	line Rang	9	
Client ID:	B\$23-31 4ft	Batch	ID: 74	005	F	tunNo: 9	5669				
Prep Date:	3/29/2023	Analysis D	ate: 3/	30/2023	5	eqNo: 3/	463594	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Rang	e Organics (GRO)	23	4.8	23.90	0	95.6	70	130			
Surr: BFB		2000		956.0		206	37.7	212			
Sample ID:	2303d76-001amsd	1 SampT	ype: Ms	D	Tes	tCode: E	PA Method	8015D: Gaso	line Rang	9	
Client ID:	B\$23-31 4ft	Batch	D: 74	005		tunNo: 9					
Prep Date:	3/29/2023	Analysis D	ate: 3/	30/2023	5	eqNo: 34	463595	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
0 1 0	0 (000)				-						
Gasoline Kang	e Organics (GRO)	24	4.8	23.95	0	98.3	70	130	3.00	20	
Gasoine Kang Surr: BFB	je Organics (GNU)	24 2000	4.8	23.95 957.9	0	98.3 211	70 37.7	130 212	3.00 0	20	
Surr: BFB	e Organics (GRO)	2000	4.8 ype: LC	957.9		211	37.7		0	0	
Surr: BFB	Ica-74005	2000 SampT		957.9	Tes	211	37.7 PA Method	212	0	0	
Surr: BFB Sample ID: Client ID:	Ica-74005	2000 SampT	ype: LC	957.9 :\$ 005	Tes	211 tCode: El	37.7 PA Method	212	0 Ilne Rang	0	
Surr: BFB Sample ID: Client ID:	Ics-74005 LC\$\$	2000 SampT Batch	ype: LC 1 ID: 74 ate: 3/	957.9 \$ 005 30/2023	Tes	211 tCode: El RunNo: 9 SeqNo: 3	37.7 PA Method 5669 463607	212 8015D: Gaso	0 Ilne Rang	0	Qual
Sum: BFB Sample ID: Client ID: Prep Date: Analyte	Ics-74005 LC\$\$	2000 SampT Batch Analysis D	ype: LC 1 ID: 74 ate: 3/	957.9 \$ 005 30/2023	Tes F	211 tCode: El RunNo: 9 SeqNo: 3	37.7 PA Method 5669 463607	212 8015D: Gaso Units: mg/K	0 Ilne Rang	0	Qual
Sum: BFB Sample ID: Client ID: Prep Date: Analyte	Ica-74005 LC\$\$ 3/29/2023	2000 SampT Batch Analysis D Result	ype: LC 1 ID: 74 ate: 3/ PQL	957.9 (005 (30/2023) SPK value	Tes F SPK Ref Val	211 tCode: EF tunNo: 9 SeqNo: 3 %REC	37.7 PA Method 5669 463607 LowLimit	212 8015D: Gaso Units: mg/K HighLimit	0 Ilne Rang	0	Qual
Surr: BFB Sample ID: Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB	Ica-74005 LC\$\$ 3/29/2023	2000 SampT Batch Analysis D Result 22 1900	ype: LC 1 ID: 74 ate: 3/ PQL	957.9 957.9 30/2023 SPK value 25.00 1000	Tes F S SPK Ref Val 0	211 tCode: EF tunNo: 90 SeqNo: 34 %REC 88.5 194	37.7 PA Method 5669 463607 LowLimit 70 37.7	212 8015D: Gaso Units: mg/K HighLimit 130	0 Iline Rang 9 %RPD	e RPDLImit	Qual
Surr: BFB Sample ID: Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB	IC8-74005 LC\$\$ 3/29/2023 ge Organics (GRO) mb-74005	2000 SampT Batch Analysis D Result 22 1900 SampT	ype: LC 1 ID: 74 ate: 3/ PQL 5.0	957.9 957.9 30/2023 SPK value 25.00 1000 3LK	Tes R SPK Ref Val O Tes	211 tCode: EF tunNo: 90 SeqNo: 34 %REC 88.5 194	37.7 PA Method 5669 463607 LowLimit 70 37.7 PA Method	212 8015D: Gaso Units: mg/K HighLimit 130 212	0 Iline Rang 9 %RPD	e RPDLImit	Qual
Surr: BFB Sample ID: Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID:	IC8-74005 LC\$\$ 3/29/2023 ge Organics (GRO) mb-74005	2000 SampT Batch Analysis D Result 22 1900 SampT	ype: LC 1D: 74 kate: 3/ PQL 5.0 ype: ME ype: ME	957.9 \$ 005 30/2023 SPK value 25.00 1000 3LK 005	Tes F SPK Ref Val O Tes F	211 tCode: El tunNo: 9: 3:eqNo: 3: %REC 88.5 194 tCode: El	37.7 PA Method 5669 463607 LowLimit 70 37.7 PA Method 5669	212 8015D: Gaso Units: mg/K HighLimit 130 212	0 Ilne Rang Ig %RPD Ilne Rang	e RPDLImit	Qual
Surr: BFB Sample ID: Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID:	Ica-74005 LCSS 3/29/2023 ge Organics (GRO) mb-74005 PBS	2000 SampT Batch Analysis D Result 22 1900 SampT Batch	ype: LC 1 ID: 74 ate: 3/ PQL 5.0 ype: ME 1 ID: 74 vate: 3/	957.9 \$ 005 30/2023 <u>SPK value</u> 25.00 1000 3LK 005 30/2023	Tes F SPK Ref Val O Tes F	211 tCode: El kunNo: 9 SeqNo: 3 %REC 88.5 194 tCode: El kunNo: 9 SeqNo: 3	37.7 A Method 5669 463607 LowLimit 70 37.7 PA Method 5669 463608	212 8015D: Gaso Units: mg/K HighLimit 130 212 8015D: Gaso Units: mg/K	0 Ilne Rang Ig %RPD Ilne Rang	e RPDLImit	Qual

Qualifiers:

. Value et eds Maxim m Contaminant Level.

D Sample Dikned Due to Matrix H Holding times for preparation or anal ND Not Detected at the Reporting Limit PQL. Practical Quantitative Limit

N Re tside of stands ia. If a

ed in the associated Method Blank в Analyte de

E Above Quantitation Range/Estimated Value
 Analyte detected below quantitation limits
 Sample pl1 Not In Range
 RL. Reporting Limit

Page 15 of 16

WO#: 2303D76

03-Apr-23

Client:	Vertex Re	sources S	ervices,	Inc.							
Project:	Platt PA E	Battery									
Sample ID: LCS	74005	Comp	Type: LC		Ter	Code: pr	a state of	8021B: Vola	lles		
Client ID: LCS			h ID: 740	-		RunNo: 99		6021D: Vola	ules		
						-		Unite:	-		
Prep Date: 3/2	5/2023	Analysis D				SeqNo: 34		Units: mg/K	-		
Analyte		Result	PQL		SPK Ref Val			HighLimit	%RPD	RPDLImit	Qual
Benzene		0.91	0.025	1.000	0	91.4	80	120			
Toluene		0.91	0.050	1.000	0	90.9	80	120			
Ethylbenzene		0.89	0.050	1.000	0	89.3	80	120			
Xylenes, Total		2.7 0.94	0.10	3.000		88.8 94.1	80 70	120 130			
Surr: 4-Bromofluor	obenzene	0.94		1.000		94.1	70	130			
Sample ID: mb-	74005	SampT	Type: MB	BLK	Tes	tCode: EF	PA Method	8021B: Vola	tiles		
Client ID: PBS	6	Batc	h ID: 740	005	F	RunNo: 9	5669				
Prep Date: 3/2	9/2023	Analysis D)ate: 3/	30/2023	5	SeqNo: 34	463615	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Bromofluor	obenzene	0.92		1.000		91.8	70	130			
Sur: 4-Bromofluor Sample ID: 2303			Type: MS		Tes			130 8021B: Vola	tiles		
	3d76-002ama	SampT	Type: MS h ID: 744	1			PA Method		tiles		
Sample ID: 2303	3d76-002ams 3-32 4ft	SampT	h ID: 744	i 005	F	tCode: EF	PA Method 5669				
Sample ID: 2303 Client ID: B\$2	3d76-002ams 3-32 4ft	Samp1 Batc	h ID: 744	i 005 30/2023	F	tCode: EF RunNo: 99 SeqNo: 34	PA Method 5669	8021B: Vola		RPDLImit	Qual
Sample ID: 2303 Client ID: B\$2 Prep Date: 3/2	3d76-002ams 3-32 4ft	Samp1 Batcl Analysis D	h ID: 744 Date: 3/	i 005 30/2023	F	tCode: EF RunNo: 99 SeqNo: 34	PA Method 5669 463629	8021B: Volai Units: mg/k	(g	RPDLImit	Qual
Sample ID: 2303 Client ID: B\$2 Prep Date: 3/2 Analyte	3d76-002ams 3-32 4ft	Samp1 Batc Analysis D Result	h ID: 740 Date: 3/ PQL	i 005 30/2023 SPK value	F SPK Ref Val	tCode: EF RunNo: 99 SeqNo: 34 %REC	PA Method 5669 463629 LowLimit	8021B: Volai Units: mg/k HighLimit	(g	RPDLImit	Qual
Sample ID: 2303 Client ID: B\$2 Prep Date: 3/2 Analyte Benzene	3d76-002ams 3-32 4ft	Samp1 Batcl Analysis D Result 0.90	h ID: 744 Date: 3/ PQL 0.024	005 30/2023 SPK value 0.9671	F SPK Ref Val 0	tCode: EF RunNo: 9 SeqNo: 34 %REC 92.9	PA Method 5669 463629 LowLimit 68.8	8021B: Volat Units: mg/K HighLimit 120	(g	RPDLImit	Qual
Sample ID: 2303 Client ID: B\$2 Prep Date: 3/2 Analyte Benzene Toluene	3d76-002ams 3-32 4ft	Samp1 Batcl Analysis D Result 0.90 0.93	h ID: 740 Date: 3/ PQL 0.024 0.048	5 30/2023 SPK value 0.9671 0.9671	F SPK Ref Val 0 0.01707	tCode: EF RunNo: 94 SeqNo: 34 %REC 92.9 94.4	PA Method 5669 463629 LowLimit 68.8 73.6	8021B: Volai Units: mg/K HighLimit 120 124	(g	RPDLImit	Qual
Sample ID: 2303 Cilent ID: B\$2 Prep Date: 3/2 Analyte Benzene Toluene Ethylbenzene	3d76-002ams 13-32 4ft 19/2023	Samp1 Batcl Analysis D Result 0.90 0.93 0.95	h ID: 744 Date: 3/ PQL 0.024 0.048 0.048	5 30/2023 SPK value 0.9671 0.9671 0.9671	SPK Ref Val 0 0.01707 0	tCode: EF RunNo: 94 SeqNo: 34 %REC 92.9 94.4 97.7	A Method 5669 463629 LowLimit 68.8 73.6 72.7	8021B: Volai Units: mg/k HighLimit 120 124 129	(g	RPDLImit	Qual
Sample ID: 2303 Cilent ID: B\$2 Prep Date: 3/2 Analyte Benzene Toluene Ethylbenzene Xylenes, Total	3d76-002ams 13-32 4ft 19/2023	Samp1 Batcl Analysis D 0.90 0.93 0.95 2.8 0.90	h ID: 744 Date: 3/ PQL 0.024 0.048 0.048	30/2023 SPK value 0.9671 0.9671 2.901 0.9671	F SPK Ref Val 0 0.01707 0 0	tCode: EF RunNo: 9 SeqNo: 34 %REC 92.9 94.4 97.7 97.2 92.9	PA Method 5669 463629 LowLimit 68.8 73.6 72.7 75.7 70	8021B: Volai Units: mg/k HighLimit 120 124 129 126	(g %RPD	RPDLImit	Qual
Sample ID: 2303 Client ID: B\$2 Prep Date: 3/2 Analyte Benzene Toluene Ethytbenzene Xytenes, Total Surr: 4-Bromofluon	3d76-002ams 13-32 4ft 19/2023 10benzene 3d76-002amsd	Samp1 Batcl Analysis D Result 0.90 0.93 0.95 2.8 0.90 Samp1	h ID: 740 Date: 37 PQL 0.024 0.048 0.048 0.097	5 5005 50/2023 5PK value 0.9671 0.9671 0.9671 0.9671 0.9671	SPK Ref Val 0 0.01707 0 0 0 0 7 0	tCode: EF RunNo: 9 SeqNo: 34 %REC 92.9 94.4 97.7 97.2 92.9	PA Method 5669 463629 LowLimit 68.8 73.6 73.7 75.7 75.7 70 PA Method	8021B: Volat Units: mg/k HighLimit 120 124 129 126 130	(g %RPD	RPDLImit	Qual
Sample ID: 2303 Client ID: B\$2 Prep Date: 3/2 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluor Sample ID: 2303	3d76-002ams 13-32 4ft 19/2023 Nobenzene 3d76-002amsd 13-32 4ft	Samp1 Batcl Analysis D Result 0.90 0.93 0.95 2.8 0.90 Samp1	h ID: 744 Date: 3A PQL 0.024 0.048 0.048 0.097 Type: MS	5 5 5 5 5 5 5 5 5 5 5 5 5 5	F SPK Ref Val 0 0.01707 0 0 0 7 Tes F	tCode: EF RunNo: 98 SeqNo: 34 %REC 92.9 94.4 97.7 97.2 92.9 tCode: EF	PA Method 5669 463629 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 5669	8021B: Volat Units: mg/k HighLimit 120 124 129 126 130	(g %RPD	RPDLImit	Qual
Sample ID: 2303 Client ID: B\$2 Prep Date: 3/2 Analyte Benzene Toluene Ethylkenzene Xylenes, Total Surr: 4-Bromofluor Sample ID: 2303 Client ID: B\$2	3d76-002ams 13-32 4ft 19/2023 Nobenzene 3d76-002amsd 13-32 4ft	Samp1 Batcl Analysis D 0.90 0.93 0.95 2.8 0.90 Samp1 Batcl	h ID: 744 Date: 3A PQL 0.024 0.048 0.048 0.097 Type: MS	SPK value 0.9671 0.9671 0.9671 0.9671 0.9671 0.9671 0.9671 0.9671 0.9671 3005	F SPK Ref Val 0 0.01707 0 0 0 7 Tes F	tCode: EF RunNo: 94 SeqNo: 34 92.9 94.4 97.7 97.2 92.9 tCode: EF RunNo: 94 SeqNo: 34	PA Method 5669 463629 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 5669 463630	8021B: Volat Units: mg/k HighLimit 120 124 129 126 130 8021B: Volat	(g %RPD	RPDLImit	Qual
Sample ID: 2303 Cilent ID: B\$2 Prep Date: 3/2 Analyte Benzene Toluene Ehylbenzene Xylenes, Total Surr: 4-Bromofluor Sample ID: 2303 Cilent ID: B\$2 Prep Date: 3/2	3d76-002ams 13-32 4ft 19/2023 Nobenzene 3d76-002amsd 13-32 4ft	Samp1 Batcl Analysis D 0.90 0.93 0.95 2.8 0.90 Samp1 Batcl Analysis D	h ID: 744 Date: 37 PQL 0.024 0.048 0.048 0.097 Type: MS h ID: 744 Date: 37	SPK value 0.9671 0.9671 0.9671 0.9671 0.9671 0.9671 0.9671 0.9671 3005 31/2023	F SPK Ref Val 0 0.01707 0 0 Tes F S	tCode: EF RunNo: 94 SeqNo: 34 92.9 94.4 97.7 97.2 92.9 tCode: EF RunNo: 94 SeqNo: 34	PA Method 5669 463629 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 5669 463630	8021B: Volat Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K	(g %RPD tiles		
Sample ID: 2303 Cilent ID: B\$2 Prep Date: 3/2 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluor Sample ID: 2303 Cilent ID: B\$2 Prep Date: 3/2 Analyte	3d76-002ams 13-32 4ft 19/2023 Nobenzene 3d76-002amsd 13-32 4ft	Samp1 Batcl Analysis D 0.90 0.93 0.95 2.8 0.90 Samp1 Batcl Analysis D Result	n ID: 744 Date: 37 PQL 0.024 0.048 0.048 0.097 Type: MS h ID: 744 Date: 37 PQL	SPK value 0.9671 0.9671 0.9671 0.9671 2.901 0.9671 50 005 31/2023 SPK value	F SPK Ref Val 0 0.01707 0 0 Tes F SPK Ref Val	tCode: ER RunNo: 94 SeqNo: 34 92-9 94.4 97.7 97.2 92.9 tCode: ER RunNo: 94 SeqNo: 34 %REC	A Method 5669 463629 LowLimit 68.8 73.6 72.7 75.7 70 74 Method 5669 463630 LowLimit	8021B: Volat Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K HighLimit	(g %RPD tiles (g %RPD	RPDLImit	
Sample ID: 2303 Cilent ID: B\$2 Prep Date: 3/2 Analyte Benzene Toluene Ethylbenzene Xytenes, Total Surr: 4-Bromofluor Sample ID: 2303 Cilent ID: B\$2 Prep Date: 3/2 Analyte Benzene	3d76-002ams 13-32 4ft 19/2023 Nobenzene 3d76-002amsd 13-32 4ft	Samp1 Batcl Analysis D 0.90 0.93 0.95 2.8 0.90 Samp1 Batcl Analysis D Result 0.94	An ID: 744 Date: 37 PQL 0.024 0.048 0.048 0.048 0.048 0.097 Type: MS 0.097	SPK value 0.9671 0.9671 0.9671 0.9671 2.901 0.9671 50 005 31/2023 SPK value 0.9699	SPK Ref Val 0 0.01707 0 0 0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 7 6 5 5 5 5	tCode: EF RunNo: 94 SeqNo: 34 92.9 94.4 97.7 97.2 92.9 tCode: EF RunNo: 94 SeqNo: 34 SeqNo: 34 SeqNo: 34 SeqNo: 34	A Method 5669 463629 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 5669 463630 LowLimit 68.8	8021B: Volat Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K HighLimit 120	(g %RPD tilles (g %RPD 4.57	RPDLImit 20	
Sample ID: 2303 Client ID: B\$2 Prep Date: 3/2 Analyte Benzene Toluene Ethyltenzene Xylenes, Total Surr: 4-Bromofluor Sample ID: 2303 Client ID: B\$2 Prep Date: 3/2 Analyte Benzene Toluene	3d76-002ams 13-32 4ft 19/2023 Nobenzene 3d76-002amsd 13-32 4ft	Samp1 Batcl Analysis D 0.90 0.93 0.95 2.8 0.90 Samp1 Batcl Analysis D Result 0.94 0.96	nh ID: 744 Date: 37 PQL 0.024 0.048 0.048 0.097 Type: MS 0.097 Type: MS 0.097 Date: 37 PQL 0.024 0.024	SPK value 0.9671 0.9671 0.9671 0.9671 2.901 0.9671 0.9671 3.005 31/2023 SPK value 0.9699 0.9699	F SPK Ref Val 0 0.01707 0 0 0 0 Tes F SPK Ref Val 0 0.01707	tCode: EF RunNo: 94 3eqNo: 34 92.9 92.9 92.9 92.9 92.9 92.9 92.9 1Code: EF RunNo: 94 SeqNo: 34 3eqNo: 34 3eqNo: 34 97.0 96.9	A Method 5669 463629 463629 168.8 73.6 72.7 75.7 70 PA Method 5669 463630 LowLimit 68.8 73.6	8021B: Volat Units: mg/k HighLimit 120 124 129 126 130 8021B: Volat Units: mg/k HighLimit 120 124	(g %RPD tilles (g %RPD 4.57 2.83	RPDLImit 20 20	
Sample ID: 2303 Client ID: B\$2 Prep Date: 3/2 Analyte Benzene Toluene Ethylsenzene Xylenes, Total Surr: 4-Bromofluor Sample ID: 2303 Client ID: B\$2 Prep Date: 3/2 Analyte Benzene Toluene Ethylsenzene	3d76-002ams 13-32 4tt 19/2023 hoberizene 3d76-002amsd 13-32 4tt 19/2023	Samp1 Batcl Analysis D 0.90 0.93 0.95 2.8 0.90 Samp1 Batcl Analysis D Result 0.94 0.96 0.96	A Date: 3A PQL 0.024 0.048 0.048 0.048 0.097 Type: MS h ID: 744 Date: 3A PQL 0.024 0.024 0.024 0.024	SPK value 0.9671 0.9671 0.9671 0.9671 2.901 0.9671 0.9671 31/2023 SPK value 0.9699 0.9699 0.9699	SPK Ref Val 0 0.01707 0 0 0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	tCode: EF RunNo: 94 3eqNo: 34 92.9 94.4 97.7 97.2 92.9 tCode: EF RunNo: 95 3eqNo: 34 %REC 97.0 96.9 98.7	A Method 5669 463629 463629 463629 463629 463629 72.7 75.7 70 PA Method 5669 463630 LowLimit 68.8 73.6 72.7	8021B: Volat Units: mg/k HighLimit 120 124 129 126 130 8021B: Volat Units: mg/k HighLimit 120 124 129	(g %RPD tilles (g %RPD 4.57 2.83 1.26	RPDLImit 20 20 20	

Qualifiers:

. Value et eds Maxin m Contaminant Level.

D Sample Dikned Due to Matrix H Holding times for preparation or anal ND Not Detected at the Reporting Limit PQL. Practical Quantitative Limit

N Re tside of sta в ed in the asso ciated Method Blank Analyte d

Above Quantitation Range Estimated Value Analyte detected below quantitation limits Sample pl1 Not In Range Reporting Limit E J P RL

Page 16 of 16

HALL ENVIRONMENTAL ANALYSIS LABORATORY		181, MPS-148-	mial Asolyvis Labova 1981: Kaokias Alinguergue: ML82. 1973: FAS - 545-1444 Mallouvramusidal.c	ios San ios San	Sample Log-In Check List			
Clish) Neme	Verlea Resources Services, Inc.	Work Order Nurr	iber: 2303076		RaptNo. 1			
Received By:	Tracy Casarrubias	3/29/2023 7:35:00	AM					
Completed aly:	Tracy Casarrubias	3/29/2023 7:59:37	AM					
Reviewed By:	JN3/29/23							
<u>Chain of Cus</u>	tody							
1. Is Chain of Ca	ustoby complete?		Yes in t	No 🗹	Not Present			
$\boldsymbol{\gamma}_{i}$ how was the	sample selverod?		Couner					
Log In								
3. Was an attem	pt mada to cool the earnples	,	*∞ 🗹	No 🗆	NA 🗆			
4. Were all samp	les received at a temperature	naf>D°Chn60°C	Yos 🔟	NoL	NA			
5. Sample(s) in j	xoper curvainer(s)?		Yos 🔟	No 🗆				
5, Sufficient sam	ple volume for indicated test(sj?	Yos 🗹	No 📙				
7 Are samples (except VCA and ONG) properly preserved?		Yes M	No I					
8 Was preserval	ive added to bothes?		Yes 🗆	No 🕅	NA 🗆			
9. Received at Is	est 1 vel with heedapace <1/	1° iai AQ VOA7	Yes 🗖	No E I	NA M			
$^{\circ}$ (). Were any same	iple coalarners rana vert brox	ġn γ	Yes 🔟	Na 🔽	# of preserved			
 Does paperwork match bottle labols? (Note discrepancies on ofeen of suelosiy) 		Yes 🗹	N₀ .□	bottlas checked for pH. [<2 or >12 ursh	ess nated)			
	12. Arc mair ces correctly identified on Chain of Custority?		Yes M	No 🕒	Adjusten	,		
	13, 18 iš deali wiral analyses were requester?			No 🗆				
	14. We wall holding times ablo to be mat? (If no matrix customer to: authorization.)		Yes 🕅	Ne [1	Checked by 	dan		
-	ing (if applicable)				JC DW	1/4-5		
	tfied of all discrepancies with	this order?	Yee 🗆	No 🗆	NA 🗹			
Person	Notified:	Date						
Dy Who	iri.	Via	eMail [⊇i	ione 🗌 Fior	In Person			
Regardi	ng.							
Ctentin	isturžione.							
16. Additional re-	raiks:							
17. <u>Cooler Info</u> n								
Coolor No	Temp "C Condition 1 29 Good Yo	and the second se	Seal Date	Signed By				
	7.0 GOOG 10	и молту						
				-				
Page 1 of	1							

ONMENTAL ABORATORY ALaom , NM 97109 45-4107 est	(Insed/\timesmap) motilio2 letor	ted on the or shiresi report
HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallonvironmertal.com www.hallonvironmertal.com 4901 Hawkins NE - Afburguerque, NM 97109 -el. 505-345-3575 Fax 505-345-4107 Analysis Request	C. 2013 MINEY 1 MARK (S021) C. 2014 TMR (S12) C. 2014 MINEY 1 MARK (S021) MINEY 1 MARK (S021) MINEY 1 MARK (S021)	b-corrected celeral the dearly rotat
		s of this possibility. Amy su
MAR Battery	VIS DIXLON VIS CONCOLOUNDING ASSENTATION SEENVALUE SEENVALUE BOOK CONCOLOUNCE	radigi laha arajaa 🗆 ta ar waa as no o
Tum-Around Time:	Project Merug Sempler: Y.O. On Ice: # of Coolers: Cooler: amp V UDA	boot? asked to albe: ao
Client: FOB (6500 CCS) Mailing Address: CN F112	ANDC Paskege: Istandard Level 4 (Full Validation) J Standard Azoreofitation: Az Compliance J Standard I az Compliance Internation Acreatitation: Az Compliance Internation Acreatitation: I az Compliance Internation Acreatitation: I az Compliance Internation Internation: I az Compliance Internation J Number Internation I	1 8 .

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Released to Imaging: 12/29/2023 7:55:04 AM



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

April 03, 2023

Chance Dixon Vertex Resources Services, Inc. 3101 Boyd Drive Carlsbad, NM 88220 TEL: (505) 506-0040 FAX

OrderNo.: 2303D76

Dear Chance Dixon:

RE: Platt PA Battery

Hall Environmental Analysis Laboratory received 12 sample(s) on 3/29/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis	Laboratory,	Inc.		L	nalytical Report ab Order 2303D76 ate Reported: 4/3/2023	
CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-31 4ft						
Project: Platt PA Battery	roject: Platt PA Battery Collection Date: 3/27/2023 11:00:00 A					
Lab ID: 2303D76-001	Matrix: SOIL Received Date: 3/29/2023 7:35:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD	
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	3/30/2023 5:28:24 PM	
Motor OII Range Organics (MRO)	ND	49	mg/Kg	1	3/30/2023 5:28:24 PM	
Sur: DNOP	76.8	69-147	%Rec	1	3/30/2023 5:28:24 PM	
EPA METHOD 8015D: GASOLINE RANG	E				Analyst: JJP	
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/30/2023 10:15:04 PM	
Surt: BFB	101	37.7-212	%Rec	1	3/30/2023 10:15:04 PM	
EPA METHOD 8021B: VOLATILES					Analyst: JJP	
Benzene	ND	0.024	mg/Kg	1	3/30/2023 10:15:04 PM	
Toluene	ND	0.048	mg/Kg	1	3/30/2023 10:15:04 PM	
Ethylbenzene	ND	0.048	mg/Kg	1	3/30/2023 10:15:04 PM	
Xylenes, Total	ND	0.097	mg/Kg	1	3/30/2023 10:15:04 PM	
Surr: 4-Bromofluorobenzene	89.0	70-130	%Rec	1	3/30/2023 10:15:04 PM	
EPA METHOD 300.0: ANIONS					Analyst: SNS	
Chloride	2400	60	mg/Kg	20	3/30/2023 6:22:00 PM	

Qualifiers:

Value exceeds Macimum Contaminant Level.
D Sample District Due to Matrix
H Holding times for preparation or analysis excees
ND Not Detected at the Reporting Limit
PQL Practical Quantizative Limit
S % Recovery outside of standard limits. If undits

- ed results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pit Not in Range
 RL. Reporting Limit

- Page 1 of 16

Hall Environmental Analysis	Laboratory, I	nc.			b Order 2303D76 ite Reported: 4/3/2023			
CLIENT: Vertex Resources Services, Inc. Project: Platt PA Battery .ab ID: 2303D76-002	Matrix: SOIL	Client Sample ID: B\$23-32 4ft Collection Date: 3/27/2023 11:05:00 AM Received Date: 3/29/2023 7:35:00 AM						
Inalyses	Result	RL Qu	al Units	DF	Date Analyzed			
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD			
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	3/30/2023 5:49:49 PM			
Motor OII Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 5:49:49 PM			
Sur: DNOP	80.6	69-147	%Rec	1	3/30/2023 5:49:49 PM			
EPA METHOD 8015D: GASOLINE RANG	E				Analyst: JJP			
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/30/2023 11:25:41 PM			
Surr: BFB	103	37.7-212	%Rec	1	3/30/2023 11:25:41 PM			
EPA METHOD 8021B: VOLATILES					Analyst: JJP			
Benzene	ND	0.024	mg/Kg	1	3/30/2023 11:25:41 PM			
Toluene	ND	0.048	mg/Kg	1	3/30/2023 11:25:41 PM			
Ethylbenzene	ND	0.048	mg/Kg	1	3/30/2023 11:25:41 PM			
Xylenes, Total	ND	0.097	mg/Kg	1	3/30/2023 11:25:41 PM			
Surr: 4-Bromofluorobenzene	91.0	70-130	%Rec	1	3/30/2023 11:25:41 PM			
EPA METHOD 300.0: ANIONS					Analyst: SNS			
Chioride	1600	60	mg/Kg	20	3/30/2023 6:34:24 PM			

Qualifiers:

Value exceeds Macimum Contaminant Level. D Sample Dilated Dae to Matrix H Holding times for preparation or analysis ecceed ND Not Detected at the Reporting Limit PQL Practical Quantative Limit S % Recovery outside of standard limits. If undilat

- ied results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not in Range
 RL. Reporting Limit

- Page 2 of 16

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Laboratory, In	c.			b Order 2303D76 te Reported: 4/3/2023
Matrix: SOIL	Collect	tion Date:	3/27/2	023 11:10:00 AM
Result	RL Qua	l Units	DF	Date Analyzed
ORGANICS				Analyst: PRD
ND	9.9	mg/Kg	1	3/30/2023 6:00:35 PM
ND	50	mg/Kg	1	3/30/2023 6:00:35 PM
139	69-147	%Rec	1	3/30/2023 6:00:35 PM
E				Analyst: JJP
ND	5.0	mg/Kg	1	3/31/2023 12:36:11 AM
101	37.7-212	%Rec	1	3/31/2023 12:36:11 AM
				Analyst: JJP
ND	0.025	mg/Kg	1	3/31/2023 12:36:11 AM
ND	0.050	mg/Kg	1	3/31/2023 12:36:11 AM
ND	0.050	mg/Kg	1	3/31/2023 12:36:11 AM
ND	0.10	mg/Kg	1	3/31/2023 12:36:11 AM
88.5	70-130	%Rec	1	3/31/2023 12:36:11 AM
				Analyst: SNS
1400	60	mg/Kg	20	3/30/2023 6:46:49 PM
	Matrix: SOIL Result ORGANICS ND 139 E ND 101 ND ND ND ND ND ND ND ND ND ND	Matrix: SOIL Receive Result RL Quat ORGANICS ND 9.9 ND 50 139 139 69-147 139 E ND 5.0 ND 37.7-212 101 ND 0.025 ND ND 0.050 ND ND 0.10 88.5	Client Sample ID: Collection Date: Matrix: SOIL Result RL Qual Units ORGANICS ND 9.9 mg/Kg ND 50 mg/Kg 139 69-147 %Rec E ND 5.0 mg/Kg 101 37.7-212 %Rec ND 0.025 mg/Kg ND 0.050 mg/Kg ND 0.050 mg/Kg ND 0.050 mg/Kg ND %Rec ND 0.050 mg/Kg ND 0.10 mg/Kg 88.5 70-130 %Rec	ND 9.9 mg/kg 1 ND 9.9 mg/kg 1 139 69-147 %Rec 1 101 37.7-212 %Rec 1 ND 9.9 mg/kg 1 139 69-147 %Rec 1 101 37.7-212 %Rec 1 ND 0.025 mg/kg 1 ND 0.025 mg/kg 1 101 37.7-212 %Rec 1 ND 0.025 mg/kg 1 ND 0.025 mg/kg 1 ND 0.025 mg/kg 1 ND 0.025 mg/kg 1 ND 0.050 mg/kg 1 ND 0.050 <td< td=""></td<>

Qualifiers:

Value exceeds Macimum Contaminant Level. D Sample Dilated Dae to Matrix H Holding times for preparation or analysis ecceed ND Not Detected at the Reporting Limit PQL Practical Quantative Limit S % Recovery outside of standard limits. If undilat

- ied results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not in Range
 RL. Reporting Limit

- Page 3 of 16

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Hall Environmental Analysis	Laboratory, I	nc.			Order 2303D76 te Reported: 4/3/2023		
CLIENT: Vertex Resources Services, Inc. Project: Platt PA Battery			on Date:	3/27/2	023 11:15:00 AM		
Lab ID: 2303D76-004	Matrix: SOIL	Receiv	ed Date:	: 3/29/2023 7:35:00 AM			
Analyses	Result	RL Qual	Units	DF	Date Analyzed		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD		
Diesel Range Organics (DRO)	12	9.6	mg/Kg	1	3/30/2023 6:11:21 PM		
Motor Oli Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 6:11:21 PM		
Sur: DNOP	108	69-147	%Rec	1	3/30/2023 6:11:21 PM		
EPA METHOD 8015D: GASOLINE RANG	E				Analyst: JJP		
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	3/31/2023 12:59:40 AM		
Sur: BFB	104	37.7-212	%Rec	1	3/31/2023 12:59:40 AM		
EPA METHOD 8021B: VOLATILES					Analyst: JJP		
Benzene	ND	0.025	mg/Kg	1	3/31/2023 12:59:40 AM		
Toluene	ND	0.050	mg/Kg	1	3/31/2023 12:59:40 AM		
Ethylbenzene	ND	0.050	mg/Kg	1	3/31/2023 12:59:40 AM		
Xylenes, Total	ND	0.10	mg/Kg	1	3/31/2023 12:59:40 AM		
Surr: 4-Bromofluorobenzene	87.1	70-130	%Rec	1	3/31/2023 12:59:40 AM		
EPA METHOD 300.0: ANIONS					Analyst: SNS		
Chloride	4900	300	mg/Kg	100	3/31/2023 8:50:35 AM		

Qualifiers:

Value exceeds Maximum Costaminant Level. D Sample Diluted Due to Matrix H Holding times for preparation or analysis exceed ND Not Detected at the Reporting Limit PQL Practical Quantizative Limit 5 % Recovery outside of standard limits. If undilut

- ied results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not in Range
 RL. Reporting Limit

Page 4 of 16

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Hall Environmental Analysis	Laboratory, 1	Inc.		La	nalytical Report b Order 2303D76 te Reported: 4/3/2023
CLIENT: Vertex Resources Services, Inc. Project: Platt PA Battery Lab ID: 2303D76-005	Matrix: SOIL	-35 4ft 2023 11:20:00 AM 2023 7:35:00 AM			
Analyses	Result	RL Q	aal Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	3/30/2023 6:43:31 PM
Motor OII Range Organics (MRO)	ND	47	mg/Kg	1	3/30/2023 6:43:31 PM
Sur: DNOP	94.8	69-147	%Rec	1	3/30/2023 6:43:31 PM
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	3/31/2023 1:23:10 AM
Surr: BFB	101	37.7-212	%Rec	1	3/31/2023 1:23:10 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.025	mg/Kg	1	3/31/2023 1:23:10 AM
Toluene	ND	0.049	mg/Kg	1	3/31/2023 1:23:10 AM
Ethylbenzene	ND	0.049	mg/Kg	1	3/31/2023 1:23:10 AM
Xylenes, Total	ND	0.099	mg/Kg	1	3/31/2023 1:23:10 AM
Surr: 4-Bromofluorobenzene	88.8	70-130	%Rec	1	3/31/2023 1:23:10 AM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chioride	1400	59	mg/Kg	20	3/30/2023 7:11:38 PM

Qualifiers:

Value exceeds Macimum Contaminant Level. D Sample Dilated Dae to Matrix H Holding times for preparation or analysis ecceed ND Not Detected at the Reporting Limit PQL Practical Quantative Limit S % Recovery outside of standard limits. If undilat

- ed results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not in Range
 RL. Reporting Limit

- Page 5 of 16

Hall Environmental Analysis	Laboratory,	Inc.		La	nalytical Report b Order 2303D76 te Reported: 4/3/2023		
CLIENT: Vertex Resources Services, Inc. Project: Platt PA Battery		Client Sample ID: BS23-36 4ft Collection Date: 3/27/2023 11:25:00 A					
Lab ID: 2303D76-006	Matrix: SOIL	Recei	ved Date:	3/29/2	023 7:35:00 AM		
Analyses	Result	RL Qua	l Units	DF	Date Analyzed		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD		
Diesei Range Organics (DRO)	ND	10	mg/Kg	1	3/30/2023 6:54:16 PM		
Motor OII Range Organics (MRO)	ND	50	mg/Kg	1	3/30/2023 6:54:16 PM		
Sur: DNOP	98.1	69-147	%Rec	1	3/30/2023 6:54:16 PM		
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst: JJP		
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/31/2023 1:46:38 AM		
Surr: BFB	101	37.7-212	%Rec	1	3/31/2023 1:46:38 AM		
EPA METHOD 8021B: VOLATILES					Analyst: JJP		
Benzene	ND	0.024	mg/Kg	1	3/31/2023 1:46:38 AM		
Toluene	ND	0.048	mg/Kg	1	3/31/2023 1:46:38 AM		
Ethylbenzene	ND	0.048	mg/Kg	1	3/31/2023 1:46:38 AM		
Xylenes, Total	ND	0.097	mg/Kg	1	3/31/2023 1:46:38 AM		
Surr: 4-Bromofluorobenzene	88.4	70-130	%Rec	1	3/31/2023 1:46:38 AM		
EPA METHOD 300.0: ANIONS					Analyst: SNS		
Chioride	3100	150	mg/Kg	50	3/31/2023 9:02:58 AM		

Qualifiers:

Value exceeds Maximum Costaminant Level. D Sample Diluted Due to Matrix H Holding times for preparation or analysis exceed ND Not Detected at the Reporting Limit PQL Practical Quantizative Limit 5 % Recovery outside of standard limits. If undilut

- ted results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not in Range
 RL. Reporting Limit

- Page 6 of 16

Hall Environmental Analysis	Laboratory, In	c.			b Order 2303D76 te Reported: 4/3/2023		
CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-37 4ft							
Project: Platt PA Battery		Collecti	on Date:	3/27/2	023 11:30:00 AM		
Lab ID: 2303D76-007	Matrix: SOIL	Receiv	ed Date:	3/29/2	023 7:35:00 AM		
Analyses	Result	RL Qual	Units	DF	Date Analyzed		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD		
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	3/30/2023 7:15:39 PM		
Motor OII Range Organics (MRO)	ND	50	mg/Kg	1	3/30/2023 7:15:39 PM		
Sur: DNOP	101	69-147	%Rec	1	3/30/2023 7:15:39 PM		
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	3/31/2023 2:10:08 AM		
Sur: BFB	101	37.7-212	%Rec	1	3/31/2023 2:10:08 AM		
EPA METHOD 8021B: VOLATILES					Analyst: JJP		
Benzene	ND	0.025	mg/Kg	1	3/31/2023 2:10:08 AM		
Toluene	ND	0.049	mg/Kg	1	3/31/2023 2:10:08 AM		
Ethylbenzene	ND	0.049	mg/Kg	1	3/31/2023 2:10:08 AM		
Xylenes, Total	ND	0.099	mg/Kg	1	3/31/2023 2:10:08 AM		
Surr: 4-Bromofluorobenzene	88.5	70-130	%Rec	1	3/31/2023 2:10:08 AM		
EPA METHOD 300.0: ANIONS					Analyst: SNS		
Chloride	1800	60	mg/Kg	20	3/30/2023 7:36:27 PM		

Qualifiers:

Value exceeds Maximum Contaminant Level.
D Sample Dilated Due to Matrix
H Holding times for preparation or analysis excees
ND Not Detected at the Reporting Limit
PQL Practical Quantizative Limit
S % Recovery outside of standard limits. If unlike

- ed results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not in Range
 RL. Reporting Limit

- Page 7 of 16

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Hall Environmental Analysis	s Laboratory,	Inc.		La	nalytical Report h Order 2303D76 nte Reported: 4/3/2023
CLIENT: Vertex Resources Services, Inc.		Clie	nt Sample ID:	BS23	-38 4ft
Project: Platt PA Battery		Co	llection Date:	3/27/2	2023 11:35:00 AM
Lab ID: 2303D76-008	Matrix: SOIL	F	eceived Date:	3/29/2	2023 7:35:00 AM
Analyses	Result	RL	Qual Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	3/30/2023 7:26:23 PM
Motor OII Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 7:26:23 PM
Sur: DNOP	103	69-147	%Rec	1	3/30/2023 7:26:23 PM
EPA METHOD 8015D: GASOLINE RANG	ε				Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/31/2023 2:33:36 AM
Sur: BFB	102	37.7-212	%Rec	1	3/31/2023 2:33:36 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.024	mg/Kg	1	3/31/2023 2:33:36 AM
Toluene	ND	0.048	mg/Kg	1	3/31/2023 2:33:36 AM
Ethylbenzene	ND	0.048	mg/Kg	1	3/31/2023 2:33:36 AM
Xylenes, Total	ND	0.096	mg/Kg	1	3/31/2023 2:33:36 AM
Surr: 4-Bromofluorobenzene	89.9	70-130	%Rec	1	3/31/2023 2:33:36 AM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chioride	2200	60	mg/Kg	20	3/30/2023 7:48:52 PM

Qualifiers:

- Value exceeds Maximum Costaminant Level. D Sample Diluted Due to Matrix H Holding times for preparation or analysis exceed ND Not Detected at the Reporting Limit PQL Practical Quantizative Limit 5 % Recovery outside of standard limits. If undilut

- ted results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not in Range
 RL. Reporting Limit

- Page 8 of 16

Hall Environmental Analy	sis Laboratory, I	nc.			b Order 2303D76 te Reported: 4/3/2023
CLIENT: Vertex Resources Services, I	inc.	Client S	Sample ID:	BS23-	-39 4ft
Project: Platt PA Battery		Collec	tion Date:	3/27/2	023 11:40:00 AM
Lab ID: 2303D76-009	Matrix: SOIL	Rece	ived Date:	3/29/2	023 7:35:00 AM
Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RAN	IGE ORGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	3/30/2023 7:47:42 PM
Motor OII Range Organics (MRO)	ND	49	mg/Kg	1	3/30/2023 7:47:42 PM
Sur: DNOP	101	69-147	%Rec	1	3/30/2023 7:47:42 PM
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	3/31/2023 2:57:03 AM
Sur: BFB	101	37.7-212	%Rec	1	3/31/2023 2:57:03 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.025	mg/Kg	1	3/31/2023 2:57:03 AM
Toluene	ND	0.049	mg/Kg	1	3/31/2023 2:57:03 AM
Ethylbenzene	ND	0.049	mg/Kg	1	3/31/2023 2:57:03 AM
Xylenes, Total	ND	0.099	mg/Kg	1	3/31/2023 2:57:03 AM
Surr: 4-Bromofluorobenzene	89.7	70-130	%Rec	1	3/31/2023 2:57:03 AM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chloride	2500	150	mg/Kg	50	3/31/2023 9:15:22 AM

Qualifiers:

Value exceeds Maximum Contaminant Level.
D Sample Dilated Due to Matrix
H Holding times for preparation or analysis excees
ND Not Detected at the Reporting Limit
PQL Practical Quantizative Limit
S % Recovery outside of standard limits. If unlike

- ed results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not in Range
 RL. Reporting Limit

- Page 9 of 16

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Hall Environmental Analysis	Laboratory, I	nc.			Order 2303D76 te Reported: 4/3/2023		
CLIENT: Vertex Resources Services, Inc. Project: Platt PA Battery Lab ID: 2303D76-010	Client Sample ID: BS23-40 4ft Collection Date: 3/27/2023 11:45:00 AJ Matrix: SOIL Received Date: 3/29/2023 7:35:00 AM						
Analyses	Result	RL Qu	al Units	DF	Date Analyzed		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD		
Diesel Range Organics (DRO)	21	9.7	mg/Kg	1	3/30/2023 7:58:24 PM		
Motor OII Range Organics (MRO)	ND	49	mg/Kg	1	3/30/2023 7:58:24 PM		
Sur: DNOP	106	69-147	%Rec	1	3/30/2023 7:58:24 PM		
EPA METHOD 8015D: GASOLINE RANG	E				Analyst: JJP		
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/31/2023 3:20:28 AM		
Sur: BFB	99.6	37.7-212	%Rec	1	3/31/2023 3:20:28 AM		
EPA METHOD 8021B: VOLATILES					Analyst: JJP		
Benzene	ND	0.024	mg/Kg	1	3/31/2023 3:20:28 AM		
Toluene	ND	0.048	mg/Kg	1	3/31/2023 3:20:28 AM		
Ethylbenzene	ND	0.048	mg/Kg	1	3/31/2023 3:20:28 AM		
Xylenes, Total	ND	0.097	mg/Kg	1	3/31/2023 3:20:28 AM		
Surr: 4-Bromofluorobenzene	87.2	70-130	%Rec	1	3/31/2023 3:20:28 AM		
EPA METHOD 300.0: ANIONS					Analyst: SNS		
Chloride	9200	300	mg/Kg	100	3/31/2023 9:27:44 AM		

Qualifiers:

Value exceeds Maximum Contaminant Level.
D Sample Dilated Due to Matrix
H Holding times for preparation or analysis excees
ND Not Detected at the Reporting Limit
PQL Practical Quantizative Limit
S % Recovery outside of standard limits. If unlike

- ed results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not in Range
 RL. Reporting Limit

- Page 10 of 16

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Hall Environmental Analysis I	Laboratory, l	Inc.			b Order 2303D76 te Reported: 4/3/2023
CLIENT: Vertex Resources Services, Inc. Project: Platt PA Battery Lab ID: 2303D76-011	Matrix: SOIL	41 4ft 023 11:50:00 AM 023 7:35:00 AM			
Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	3/30/2023 8:19:49 PM
Motor Oli Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 8:19:49 PM
Sur: DNOP	100	69-147	%Rec	1	3/30/2023 8:19:49 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	3/31/2023 4:07:20 AM
Sur: BFB	101	37.7-212	%Rec	1	3/31/2023 4:07:20 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.025	mg/Kg	1	3/31/2023 4:07:20 AM
Toluene	ND	0.050	mg/Kg	1	3/31/2023 4:07:20 AM
Ethylbenzene	ND	0.050	mg/Kg	1	3/31/2023 4:07:20 AM
Xylenes, Total	ND	0.10	mg/Kg	1	3/31/2023 4:07:20 AM
Surr: 4-Bromofluorobenzene	89.9	70-130	%Rec	1	3/31/2023 4:07:20 AM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chioride	6800	300	mg/Kg	100	3/31/2023 9:40:08 AM

Qualifiers:

Value exceeds Macimum Contaminant Level. D Sample Dilated Dae to Matrix H Holding times for preparation or analysis ecceed ND Not Detected at the Reporting Limit PQL Practical Quantative Limit S % Recovery outside of standard limits. If undilat

- ed results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not in Range
 RL. Reporting Limit

- Page 11 of 16

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Hall Environmental Analysis	Laboratory, 1	Inc.		La	alytical Report Order 2303D76 te Reported: 4/3/2023
CLIENT: Vertex Resources Services, Inc. Project: Platt PA Battery Lab ID: 2303D76-011	Matrix: SOIL	41 4 ft 023 11:50:00 AM 023 7:35:00 AM			
Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	3/30/2023 8:19:49 PM
Motor OII Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 8:19:49 PM
Sur: DNOP	100	69-147	%Rec	1	3/30/2023 8:19:49 PM
EPA METHOD 8015D: GASOLINE RANG	E				Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	3/31/2023 4:07:20 AM
Sur: BFB	101	37.7-212	%Rec	1	3/31/2023 4:07:20 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.025	mg/Kg	1	3/31/2023 4:07:20 AM
Toluene	ND	0.050	mg/Kg	1	3/31/2023 4:07:20 AM
Ethylbenzene	ND	0.050	mg/Kg	1	3/31/2023 4:07:20 AM
Xylenes, Total	ND	0.10	mg/Kg	1	3/31/2023 4:07:20 AM
Surr: 4-Bromofluorobenzene	89.9	70-130	%Rec	1	3/31/2023 4:07:20 AM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chloride	6800	300	mg/Kg	100	3/31/2023 9:40:08 AM

Qualifiers:

Value exceeds Macimum Contaminant Level. D Sample Dilated Dae to Matrix H Holding times for preparation or analysis ecceed ND Not Detected at the Reporting Limit PQL Practical Quantative Limit S % Recovery outside of standard limits. If undilat

- ied results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not in Range
 RL. Reporting Limit

- Page 11 of 16

Hall Environmental Analysis	s Laboratory, I	Inc.		La	nalytical Report b Order 2303D76 ite Reported: 4/3/2023
CLIENT: Vertex Resources Services, Inc.	-	Client S	ample ID:	WS23	-47 4ft
Project: Platt PA Battery		Collec	tion Date:	3/27/2	2023 11:55:00 AM
Lab ID: 2303D76-012	Matrix: SOIL	Recei	ived Date:	3/29/2	2023 7:35:00 AM
Analyses	Result	RL Qua	d Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	3/30/2023 8:41:09 PM
Motor OII Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 8:41:09 PM
Sur: DNOP	103	69-147	%Rec	1	3/30/2023 8:41:09 PM
EPA METHOD 8015D: GASOLINE RANG	ε				Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	3/31/2023 4:30:41 AM
Sur: BFB	98.7	37.7-212	%Rec	1	3/31/2023 4:30:41 AM
EPA METHOD 8021B: VOLATILES					Analyst: JJP
Benzene	ND	0.023	mg/Kg	1	3/31/2023 4:30:41 AM
Toluene	ND	0.047	mg/Kg	1	3/31/2023 4:30:41 AM
Ethylbenzene	ND	0.047	mg/Kg	1	3/31/2023 4:30:41 AM
Xylenes, Total	ND	0.094	mg/Kg	1	3/31/2023 4:30:41 AM
Surr: 4-Bromofluorobenzene	86.8	70-130	%Rec	1	3/31/2023 4:30:41 AM
EPA METHOD 300.0: ANIONS					Analyst: SNS
Chioride	ND	60	mg/Kg	20	3/30/2023 9:52:56 PM

Qualifiers:

Value exceede Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceede
ND Not Detected at the Reporting Limit
PQL Practical Quantizative Limit
\$ % Recovery outside of standard limits. If undilute

- ted results may be est
- B Analyte detected in the sameciated Method Blank
 E Above Quantitation Range-Tatimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not in Range
 RL. Reporting Limit

- Page 12 of 16

WO#: 2303D76

03-Apr-23

Client: Project:		Resources S A Battery	ervices	, Inc.								
Sample ID: MB-74038 SampType: MBLK TestCode: EPA Method 300.0: Anione												
Client ID:	ent ID: PBS Batch ID: 74038				F	RunNo: 9	5700					
Prep Date:	rep Date: 3/30/2023 Analysis Date: 3/30/2023				SeqNo: 3463712 Units: n				ng/Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual	
Chloride		ND	1.5									
Sample ID:	LCS-74038	SampT	ype: LC	\$	Tes	tCode: EF	PA Method	300.0: Anion	8			
Client ID:	LCSS	Batch	ID: 74	038	F	RunNo: 9	5700					
Prep Date:	3/30/2023	Analysis D	ate: 3/	30/2023	5	SeqNo: 34	463713	Units: mg/K	g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride		14	1.5	15.00	0	92.7	90	110				

Qualifiers:

. Value et eds Maxin m Contaminant Level.

D Sample Dikned Due to Matrix H Holding times for preparation or anal ND Not Detected at the Reporting Limit PQL. Practical Quantitative Limit

% R tside of stands

ed in the associated Method Blank в Analyte de

E Above Quantitation Range/Estimated Value
 Analyte detected below quantitation limits
 Sample pH Not In Range
 RL. Reporting Limit

Page 13 of 16

WO#: 2303D76

03-Apr-23

	Resources Servio A Battery	ces, Inc.							
Sample ID: MB-74015	SampType:		TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	74015	RunNo: 95677							
Prep Date: 3/29/2023	5	SeqNo: 3462620 Units: mg/Kg							
Analyte	Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Diesel Range Organics (DRO)	ND	10							
Motor Oil Range Organics (MRO)	ND	50							
Sum: DNOP	10	10.00		102	69	147			
Sample ID: LCS-74015	SampType:	LCS	Tes	tCode: EF	PA Method	8015M/D: Die	sel Rang	e Organica	
Client ID: LCSS	Batch ID:	74015	F	RunNo: 98	5677				
Prep Date: 3/29/2023	Analysis Date:	3/30/2023	5	SeqNo: 34	462621	Units: mg/K	g		
Analyte	Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Diesel Range Organics (DRO)	49	10 50.00	0	98.5	61.9	130			
Sum: DNOP	5.5	5.000		110	69	147			

Qualifiers:

. Value et eds Maxim m Contaminant Level.

D Sample Dikned Due to Matrix H Holding times for preparation or anal ND Not Detected at the Reporting Limit PQL. Practical Quantitative Limit

% R tside of stands H.

ed in the associated Method Blank в Analyte de

E Above Quantitation Range/Estimated Value
 Analyte detected below quantitation limits
 Sample pH Not In Range
 RL. Reporting Limit

Page 14 of 16

WO#: 2303D76 03-Apr-23

Client: Project:	Vertex Resources Services, Inc. Platt PA Battery										
		-									
Sample ID:	2303d76-001ams	SampT	ype: Ms	5	Tes	tCode: El	PA Method	8015D: Gase	oline Rang	9	
Client ID:	B\$23-31 4tt	Batch	11D: 74	005	F	RunNo: 9	5669				
Prep Date:	3/29/2023	Analysis D	ate: 3/	30/2023	5	GegNo: 34	463594	Units: mg/H	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
-	e Organics (GRO)	23	4.8		0	95.6	70	130			
Sum: BFB		2000		956.0		206	37.7	212			
Sample ID:	2303d76-001amsd	I SampT	ype: Ms	SD	Tes	tCode: El	PA Method	8015D: Gase	oline Rang	e	
Client ID:	B\$23-31 4ft	Batch	ID: 74	005	F	RunNo: 9	5669				
Prep Date:	3/29/2023	Analysis D	ate: 3/	30/2023	5	SeqNo: 34	463595	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Rang	je Organics (GRO)	24	4.8	23.95	0	98.3	70	130	3.00	20	
Sum: BFB		2000		957.9		211	37.7	212	0	0	
Sample ID:	Ics-74005	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e	
Client ID:	LCSS	Batch	1D: 74	005	F	RunNo: 9	5669				
Prep Date:	3/29/2023	Analysis D	ate: 3/	30/2023	5	SeqNo: 34	463607	Units: mg/H	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Rang	je Organics (GRO)	22	5.0	25.00	0	88.5	70	130			
Sum: BFB		1900		1000		194	37.7	212			
Sample ID:	mb-74005	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gase	oline Rang	9	
Client ID:	PBS	Batch	ID: 74	005	F	RunNo: 9	5669				
Prep Date:	3/29/2023	Analysis D	ate: 3/	30/2023	5	SeqNo: 34	463608	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
-	je Organics (GRO)	ND	5.0	1000		103		212			
Sum: BFB		1000		1000		103	37.7	212			

Qualifiers:

. Value et eds Maxim m Contaminant Level.

D Sample Dikned Due to Matrix H Holding times for preparation or anal ND Not Detected at the Reporting Limit PQL. Practical Quantitative Limit

N Re tside of stands в ed in the asso ciated Method Blank Analyte d

Above Quantitation Range Tetimated Value Analyte detected below quantitation limits Sample pH Not In Range Reporting Limit E J P RL

Page 15 of 16

WO#: 2303D76

03-Apr-23

Client: Vertex R	esources S	ervices,	Inc.								
Project: Platt PA	Battery	Battery									
-				-							
Sample ID: LCS-74005		Type: LC			_		8021B: Vola	lles			
Client ID: LCSS	Batc	h ID: 74	005	F	RunNo: 9	5669					
Prep Date: 3/29/2023	Analysis D	Date: 3/	30/2023	5	SeqNo: 34	463614	Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual	
Benzene	0.91	0.025	1.000	0	91.4	80	120				
Toluene	0.91	0.050	1.000	0	90.9	80	120				
Ethylbenzene	0.89	0.050	1.000	0	89.3	80	120				
Xylenes, Total	2.7	0.10	3.000	0	88.8	80	120				
Surr: 4-Bromofluorobenzene	0.94		1.000		94.1	70	130				
Sample ID: mb-74005	Sampl	Type: Me	BLK	Tes	tCode: El	PA Method	8021B: Vola	lles			
Client ID: PBS	Batc	h ID: 74	005	F	RunNo: 9	5669					
Prep Date: 3/29/2023	Analysis (Date: 3/	30/2023	5	SeqNo: 34	463615	Units: mg/k	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual	
Benzene	ND	0.025									
Toluene	ND	0.050									
Ethylbenzene	ND	0.050									
Xylenes, Total	ND	0.10									
Sur: 4-Bromofluorobenzene	0.92		1.000		91.8	70	130				
	0.92	Type: Ma		Tes			130 8021B: Vola	lles			
Surr: 4-Bromofluorobenzene	0.92 Samp1		5			PA Method		illes			
Sur: 4-Bromofluoroberzene Sample ID: 2303d76-002ams	0.92 Samp1	Type: M8 h ID: 74	§ 005	F	tCode: El	PA Method 5669					
Sum 4-Bromofluorobenzene Sample ID: 2303d76-002ams Client ID: B\$23-32 4ft	0.92 Samp1 Batc	Type: M8 h ID: 74	3 005 30/2023	F	tCode: El RunNo: 9: SeqNo: 3:	PA Method 5669	8021B: Vola		RPDLImit	Qual	
Sum 4-Bromofluorobenzene Sample ID: 2303d76-002ams Client ID: B\$23-32 4ft Prep Date: 3/29/2023	0.92 Samp1 Batc Analysis (Type: MS h ID: 74 Date: 3/	3 005 30/2023	F	tCode: El RunNo: 9: SeqNo: 3:	PA Method 5669 463629	8021B: Volat	9	RPDLImit	Qual	
Sum 4-Bromofluorobenzene Sample ID: 2303d76-002ams Client ID: B\$23-32 4ft Prep Date: 3/29/2023 Analyte	0.92 SampT Batc Analysis D Result	Type: MS h ID: 74 Date: 3/ PQL	3 005 30/2023 SPK value	F SPK Ref Val	tCode: El RunNo: 9 SeqNo: 3 %REC	PA Method 5669 463629 LowLimit	8021B: Volat Units: mg/k HighLimit	9	RPDLImit	Qual	
Sum 4-Bromofluorobenzene Sample ID: 2303d76-002ams Client ID: B\$23-32 4ft Prep Date: 3/29/2023 Analyte Benzene	0.92 Samp Batc Analysis (Result 0.90 0.93 0.95	Type: MS h ID: 74 Date: 3/ PQL 0.024 0.048 0.048	3 30/2023 SPK value 0.9671 0.9671 0.9671	F SPK Ref Val 0 0.01707 0	tCode: EF RunNo: 94 SeqNo: 34 %REC 92.9 94.4 97.7	PA Method 5669 463629 LowLimit 68.8 73.6 72.7	8021B: Volai Units: mg/k HighLimit 120 124 129	9	RPDLImit	Qual	
Sum: 4-Bromofluorobenzene Sample ID: 2303d76-002ams Client ID: B\$23-32 4ft Prep Date: 3/29/2023 Analyte Benzene Tokene Ethylbenzene Xylenes, Total	0.92 Samp1 Batc Analysis 0 Result 0.90 0.93 0.95 2.8	Type: M8 h ID: 74 Date: 3/ PQL 0.024 0.048	3 005 30/2023 SPK value 0.9671 0.9671 0.9671 2.901	F SPK Ref Val 0 0.01707	tCode: EF RunNo: 98 SeqNo: 34 %REC 92.9 94.4 97.7 97.2	PA Method 5669 463629 LowLimit 68.8 73.6 72.7 75.7	8021B: Vola Units: mg/k HighLimit 120 124 129 126	9	RPDLImit	Qual	
Sum: 4-Bromofluorobenzene Sample ID: 2303d76-002ams Client ID: B\$23-32 4ft Prep Date: 3/29/2023 Analyte Benzene Toluene Ethylbenzene	0.92 Samp Batc Analysis (Result 0.90 0.93 0.95	Type: MS h ID: 74 Date: 3/ PQL 0.024 0.048 0.048	3 30/2023 SPK value 0.9671 0.9671 0.9671	F SPK Ref Val 0 0.01707 0	tCode: EF RunNo: 94 SeqNo: 34 %REC 92.9 94.4 97.7	PA Method 5669 463629 LowLimit 68.8 73.6 72.7	8021B: Volai Units: mg/k HighLimit 120 124 129	9	RPDLImit	Qual	
Sum: 4-Bromofluorobenzene Sample ID: 2303d76-002ams Client ID: B\$23-32 4ft Prep Date: 3/29/2023 Analyte Benzene Toluene Ethylbenzene Xylenes, Total	0.92 Samp ^T Batc Analysis 0 Result 0.90 0.93 0.95 2.8 0.90	Type: MS h ID: 74 Date: 3/ PQL 0.024 0.048 0.048	3 30/2023 SPK value 0.9671 0.9671 2.901 0.9671	F SPK Ref Val 0 0.01707 0 0	tCode: Ef RunNo: 9 SeqNo: 3 92.9 94.4 97.7 97.2 92.9	PA Method 5669 463629 LowLimit 68.8 73.6 72.7 75.7 70	8021B: Vola Units: mg/k HighLimit 120 124 129 126	9 %RPD	RPDLImit	Qual	
Sum: 4-Bromofluorobenzene Sample ID: 2303d76-002ama Cilent ID: B\$23-32 4ft Prep Date: 3/29/2023 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Sum: 4-Bromofluorobenzene	0.92 Sampt Batc Analysis 0 0.90 0.93 0.95 2.8 0.90 d Sampt	Type: MS h ID: 74 Date: 3/ PQL 0.024 0.048 0.048 0.097	3 30/2023 SPK value 0.9671 0.9671 2.901 0.9671 0.9671	F SPK Ref Val 0 0.01707 0 0 0 0 7 0	tCode: Ef RunNo: 9 SeqNo: 3 92.9 94.4 97.7 97.2 92.9	PA Method 5669 463629 68.8 73.6 72.7 75.7 70 PA Method	8021B: Volat Units: mg/H HighLimit 120 124 129 126 130	9 %RPD	RPDLImit	Qual	
Sum: 4-Bromofluorobenzene Sample ID: 2303d76-002ams Cilent ID: B\$23-32 4ft Prep Date: 3/29/2023 Analyte Benzene Tokuene Ehylbenzene Xylenes, Total Sum: 4-Bromofluorobenzene Sample ID: 2303d76-002amse	0.92 Sampt Batc Analysis 0 0.90 0.93 0.95 2.8 0.90 d Sampt	Type: MS h ID: 74 Date: 37 PQL 0.024 0.048 0.048 0.048 0.097 Type: MS	3 30/2023 <u>SPK value</u> 0.9671 0.9671 0.9671 2.901 0.9671 3D 005	F SPK Ref Val 0 0.01707 0 0 0 Tes F	tCode: E/ RunNo: 9 SeqNo: 3 %REC 92.9 94.4 97.7 97.2 92.9 tCode: E/	PA Method 5669 463629 <u>LowLimit</u> 68.8 73.6 72.7 75.7 70 PA Method 5669	8021B: Volat Units: mg/H HighLimit 120 124 129 126 130	ig %RPD illes	RPDLImit	Qual	
Sum: 4-Bromofluorobenzene Sample ID: 2303d76-002ams Client ID: B\$23-32 4ft Prep Date: 3/29/2023 Analyte Benzene Tokene Ethylbenzene Xylenes, Total Sum: 4-Bromofluorobenzene Sample ID: 2303d76-002ams Client ID: B\$23-32 4ft	0.92 Samp1 Batc Analysis 0 0.93 0.95 2.8 0.90 1 Samp1 Batc	Type: MS h ID: 74 Date: 37 PQL 0.024 0.048 0.048 0.048 0.097 Type: MS	3 30/2023 SPK value 0.9671 0.9671 0.9671 2.901 0.9671 30 005 31/2023	F SPK Ref Val 0 0.01707 0 0 0 Tes F	tCode: EF RunNo: 98 SeqNo: 3 92.9 92.9 94.4 97.7 97.2 92.9 tCode: EF RunNo: 98 SeqNo: 3	PA Method 5669 463629 <u>LowLimit</u> 68.8 73.6 72.7 75.7 70 PA Method 5669	8021B: Volat Units: mg/k HighLimit 120 124 129 126 130 8021B: Volat	ig %RPD illes	RPDLImit	Qual	
Sum: 4-Bromofluorobenzene Sample ID: 2303d76-002ams Client ID: B\$23-32 4ft Prep Date: 3/29/2023 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Sum: 4-Bromofluorobenzene Sample ID: 2303d76-002ams Client ID: B\$23-32 4ft Prep Date: 3/29/2023	0.92 Sampi Bato Analysis 0 0.90 0.93 0.95 2.8 0.90 d Sampi Bato Analysis 0	Type: MS h ID: 74 Date: 3/ PQL 0.024 0.048 0.048 0.048 0.097 Type: MS h ID: 74 Date: 3/	3 30/2023 SPK value 0.9671 0.9671 0.9671 2.901 0.9671 30 005 31/2023	F SPK Ref Val 0 0.01707 0 0 Tes F S	tCode: EF RunNo: 98 SeqNo: 3 92.9 92.9 94.4 97.7 97.2 92.9 tCode: EF RunNo: 98 SeqNo: 3	PA Method 5669 463629 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 5669 463630	8021B: Volat Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat	ig %RPD illes	RPDLImit 20		
Sum: 4-Bromofluorobenzene Sample ID: 2303d76-002ams Client ID: B\$23-32 4ft Prep Date: 3/29/2023 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Sum: 4-Bromofluorobenzene Sample ID: 2303d76-002ams Client ID: B\$23-32 4ft Prep Date: 3/29/2023 Analyte	0.92 Sampi Bato Analysis D 0.90 0.93 0.95 2.8 0.90 1 Sampi Bato Analysis D Result	Type: MS h ID: 74 Date: 3/ PQL 0.024 0.048 0.048 0.048 0.097 Type: MS h ID: 74 Date: 3/ PQL	3 30/2023 SPK value 0.9671 0.9671 0.9671 2.901 0.9671 3D 005 31/2023 SPK value	F SPK Ref Val 0 0.01707 0 0 0 Tes F SPK Ref Val	tCode: ER RunNo: 38 SeqNo: 3 92.9 94.4 97.7 97.2 92.9 tCode: ER RunNo: 38 SeqNo: 3 %REC	PA Method 5669 463629 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 5669 463630 LowLimit	8021B: Volal Units: mg/K HighLimit 120 124 129 126 130 8021B: Volal Units: mg/K HighLimit	ig %RPD tilles ig %RPD	RPDLImit		
Sum: 4-Bromofluorobenzene Sample ID: 2303d76-002ams Client ID: B\$23-32 4ft Prep Date: 3/29/2023 Analyte Benzene Tokene Ethylbenzene Xylenes, Total Sum: 4-Bromofluorobenzene Sample ID: 2303d76-002amse Client ID: B\$23-32 4ft Prep Date: 3/29/2023 Analyte Benzene	0.92 Sampi Bato Analysis 0 0.90 0.93 0.95 2.8 0.90 d Sampi Bato Analysis 0 Result 0.94 0.96 0.96	Type: MS h ID: 74 Date: 37 0.024 0.048 0.048 0.048 0.097 Type: MS h ID: 74 Date: 37 PQL 0.024 0.024 0.048	3 30/2023 SPK value 0.9671 0.9671 0.9671 2.901 0.9671 30 005 31/2023 SPK value 0.9699 0.9699 0.9699	F SPK Ref Val 0 0.01707 0 0 0 5 F SPK Ref Val 0	tCode: El RunNo: 98 92.9 94.4 97.7 97.2 92.9 tCode: El RunNo: 98 SeqNo: 3 %REC 97.0 96.9 98.7	PA Method 5669 463629 463629 68.8 73.6 72.7 70 PA Method 5669 463630 LowLimit 68.8 73.6 72.7	8021B: Volal Units: mg/k HighLimit 120 124 129 126 130 8021B: Volal Units: mg/k HighLimit 120	(g %RPD (dles (g %RPD 4.57 2.83 1.26	RPDLImit 20 20 20		
Sum: 4-Bromofluorobenzene Sample ID: 2303d76-002ams Client ID: B\$23-32 4ft Prep Date: 3/29/2023 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Sum: 4-Bromofluorobenzene Sample ID: 2303d76-002ams Client ID: B\$23-32 4ft Prep Date: 3/29/2023 Analyte Benzene Toluene	0.92 Samp1 Batc Analysis D 0.93 0.95 2.8 0.90 d Samp1 Batc Analysis D Result 0.94 0.96	Type: MS h ID: 74 0.024 0.024 0.048 0.048 0.048 0.097 Type: MS h ID: 74 Date: 37 PQL 0.024 0.048	3 30/2023 SPK value 0.9671 0.9671 0.9671 2.901 0.9671 30 0.9671 30 0.9671 31/2023 SPK value 0.9699 0.9699	F SPK Ref Val 0 0.01707 0 0 0 0 Tes F SPK Ref Val 0 0.01707	tCode: EK RunNo: 98 SeqNo: 3 92.9 94.4 97.7 97.2 92.9 tCode: EK RunNo: 98 SeqNo: 3 %REC 97.0 96.9	PA Method 5669 463629 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 5669 463630 LowLimit 68.8 73.6	8021B: Volat Units: mg/k HighLimit 120 124 129 126 130 8021B: Volat Units: mg/k HighLimit 120 124	(g %RPD tilles (g %RPD 4.57 2.83	RPDLImit 20 20		

Qualifiers:

. Value et ds Maxi n Cont ninant Level

D H ND PQL

Sample Diluted Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantative Limit

16 R side of st в d in the ass ciated Method Blank Above Quantitation Range Estimated Value Analyte detected below quantitation limits Sample pl1 Not In Range Reporting Limit

E J P RL

Page 16 of 16

	ENVIRONMENTAL ANALYSIS LABORATORY				11) Hands 1946: ХПА 1940-144	ins 47 87505 1-47402	Sar	mpie Łog-In C	Check List
Client Neme	Verlea Re: Services, I		Work Order	Number: 23	3076			RoptNo	. 1
Received Ry-	Тласу Са	sarrubias	3/29/2023 7:3	5:00 AM					
Completed ay-	Tracy Ca	sarrubias	3/29/2023 7:5	9:37 AM					
Reviewed By:	J∼3	129/2	3						
Chain of Cu	stody								
1. Is Chain of (Castoriy coving	aketo?		Ye	s · i	N	b⊻i	Not Present 🛄	
$\boldsymbol{\gamma}_{i}$ how was the	sатріс веі/	vened?		Co	uner				
<u>Log In</u> 3. Wes an atte	mpt mada ta	coci the earlip	les"	*6	, ∡	N		NA 🗆	
 Were all sam 	ples receiver	d at a tempera	lura of >D°C ho 600	°C ⊻re		NK.	Γ	NA J	
5. Sample(s) in	i propei curna	niner(s)7			. 🗹	Nk			
5, Sulficient sa	Nolë vuluine i	for indicated t	tst(s)?	Yos		No	ш		
7 Are samples	(except VCA	and ONG) pre	operly preserved?	Yes	M	No	1		
8 Was preserv	d hethe svite	n bolbee?		Yes		No	2	NA 🗆	
9. Received at l	sest 1 yışı wi	th heedapace	<1.41° itu AQ VOA7	Yes		No	11	NA M	,
\pm (). Were any sat	viple costan	ers rane vert h	roven V	Ye	ل ،	No	N 🔽	# of preserved	/
11. Does papers				Yes		Ne		tottias checked for pH.	r =-12 unless nateri)
12, Arc matrices		ieth of puetody at Ead on Chai		Ver	м	Ma		 Adjusteni?	r >12 linaess naterij
13, is it clean with			-		ы		Ē		
14.Weie all hob	-	-			R		÷Ē.	Checked by	
(if no notify)	pusternar for a	authorization.)						- My	3/29/2.3
Special Hano	ling (if ap	olicable)							
15 Was client n	otrieŭ of al lo	liscoepennies (with this order?	Ye	, 🗆	N		NA 🗹	
Persor	Notified:	1		Date:					
Dy Wr		-		Via 🗌 el	Aail 🗔	Plione [] Fast	In Person	
Regar	-		- Notice - Party - Par						
	Instructions.	1				-			
16. Acclitional n									
17. <u>Cooler Infe</u> Cooler N		Condition	Seal Infact , Seal	NG Seal	lotn	Skynac	By	1	
1	29	6000	Yes Morty		Dale ::	ONTRO		1	
Page 1 m	í.				-				

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallchvironmertal.com 4901 Hawkins NE - Afturquerque, NM 97109 -el. 505-345-3575 Fax 503-345-4107 Analysis Request	Algorithm Construction Construction Construction Construction Algorit Construction	DIVELT SINTO DOUD
4901 Hawkins NE - -al. 605-345-3675		IS POSSIBLY AM ALESS
Turn-Anound Time: I Stardard Bush 40HV Project Name: AA+4-0A Bat+tery Project #: ADE-00123-14	Project Manager: CVANCA Samplar: FCWANDO ECOVIGNEZ On Les: Aves E No ment & of Coolar: A Container Presenvative 2303 DRU VAC NO VAC NO Cortainer Presenvative 2303 DRU NO Cortainer Presenvative 2303 DRU NO COUC NO COUC OD OD OD OD OD OD OD OD OD OD	MR WMMM. A M X X X 359,01 M 200 C C C C C C C C C C C C C C C C C C
Client: FOG Custody Record Client: FOG CSON COS Mailing Address: ON FIVE	Fact: East: and I Level 4 (Full Validation) ation: Az Compliance c I Othe Type) I Programme Truco Cali 1 Programme I Programme Truco Programme I Programme	P.(1010) P.V.S W.M.M.M.A.A.M.V X.

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquergue, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

April 10, 2023 Chance Dixon EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX:

OrderNo.: 2304077

Dear Chance Dixon:

RE: Platt PA Battery

Hall Environmental Analysis Laboratory received 4 sample(s) on 4/4/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Er	Analytical Report Lab Order 2304077 Date Reported: 4/10/2023										
CLIENT:	200			nt Sample II							
Project: Lab ID:	Platt PA Battery 2304077-001	Matrix: SOIL				1/2023 11:00:00 AM //2023 7:25:00 AM					
Analyses		Result	RL (Qual Units	DF	Date Analyzed	Batch				
EPA MET	THOD 300.0: ANIONS					Analys	t: JMT				
Chloride		ND	60	mg/Kg	20	4/5/2023 8:42:59 PM	74150				
EPA MET	THOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analys	t: DGH				
Diesel Ra	ange Organics (DRO)	270	9.6	mg/Kg	1	4/6/2023 4:29:20 PM	74121				
Motor OI	Range Organics (MRO)	480	48	mg/Kg	1	4/6/2023 4:29:20 PM	74121				
Surr: D	DNOP	103	69-147	%Rec	1	4/6/2023 4:29:20 PM	74121				
EPA MET	THOD 8015D: GASOLINE R	ANGE				Analys	t: JJP				
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	4/5/2023 12:11:09 PM	74113				
Surr: B	BFB	98.5	37.7-212	%Rec	1	4/5/2023 12:11:09 PM	74113				
EPA MET	THOD 8021B: VOLATILES					Analys	t: JJP				
Benzene		ND	0.024	mg/Kg	1	4/5/2023 12:11:09 PM	74113				
Toluene		ND	0.048	mg/Kg	1	4/5/2023 12:11:09 PM	74113				
Ethylbenz	zene	ND	0.048	mg/Kg	1	4/5/2023 12:11:09 PM	74113				
Xylenes,	Total	ND	0.096	mg/Kg	1	4/5/2023 12:11:09 PM	74113				
Surt: 4	I-Bromofluorobenzene	85.6	70-130	%Rec	1	4/5/2023 12:11:09 PM	74113				

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanitative Limit
 \$ % Recovery costaide of standard limits. If undiluted results may be estin
 }
- B Analyte detected in the associated Method Blank
 Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
 Sample pH Not in Range
 RL Reporting Limit

Page 1 of 7

Hall Environmental Analy	sis Laboratory, l	Inc.			Lab Order 2304077 Date Reported: 4/10/20	23			
CLIENT: EOG		Clier	t Sample II	D: BE	S23-42 4'				
Project: Platt PA Battery		Collection Date: 3/31/2023 11:05:00 AM							
Lab ID: 2304077-002	Matrix: SOIL	R	eceived Dat	e: 4/4	/2023 7:25:00 AM				
Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analys	t JMT			
Chioride	ND	61	mg/Kg	20	4/5/2023 9:20:02 PM	74150			
EPA METHOD 8015M/D: DIESEL R/	ANGE ORGANICS				Analys	t: DGH			
Diesel Range Organics (DRO)	240	9.6	mg/Kg	1	4/6/2023 5:01:31 PM	74121			
Motor OII Range Organics (MRO)	570	48	mg/Kg	1	4/6/2023 5:01:31 PM	74121			
Surr: DNOP	94.5	69-147	%Rec	1	4/6/2023 5:01:31 PM	74121			
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	t: JJP			
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/5/2023 12:34:56 PM	74113			
Surt: BFB	100	37.7-212	%Rec	1	4/5/2023 12:34:56 PM	74113			
EPA METHOD 8021B: VOLATILES					Analys	t: JJP			
Benzene	ND	0.025	mg/Kg	1	4/5/2023 12:34:56 PM	74113			
Toluene	ND	0.049	mg/Kg	1	4/5/2023 12:34:56 PM	74113			
Ethylbenzene	ND	0.049	mg/Kg	1	4/5/2023 12:34:56 PM	74113			
Xylenes, Total	ND	0.098	mg/Kg	1	4/5/2023 12:34:56 PM	74113			
Surr: 4-Bromofluorobenzene	86.7	70-130	%Rec	1	4/5/2023 12:34:56 PM	74113			

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for proparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Que institue Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estin
- B Analyte detected in the associated Method Blank E Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not in Range RL Reporting Limit

Analytical Report

Page 2 of 7

Hall Enviror	mental Analy		Lab Order 2304077 Date Reported: 4/10/2023							
CLIENT: EOG			Clie	Client Sample ID: BES23-43 4'						
Project: Platt P.	A Battery	Collection Date: 3/31/2023 11:10:00 AM								
Lab ID: 230407	77-003	Matrix: SOIL	Matrix: SOIL Received Date: 4/4/2023 7:25:00 AM							
Analyses		Result	RL Q	ual Units)	DF	Date Analyzed	Batch			
EPA METHOD 3	00.0: ANIONS					Analys	t: JMT			
Chloride		ND	60	mg/Kg	20	4/5/2023 9:32:23 PM	74150			
EPA METHOD 8	015M/D: DIESEL RA	NGE ORGANICS				Analys	t: DGH			
Diesel Range Org	anics (DRO)	250	10	mg/Kg	1	4/6/2023 5:33:44 PM	74121			
Motor OII Range O	irganics (MRO)	590	50	mg/Kg	1	4/6/2023 5:33:44 PM	74121			
Sult: DNOP		102	69-147	%Rec	1	4/6/2023 5:33:44 PM	74121			
EPA METHOD 8	015D: GASOLINE R	ANGE				Analys	t: JJP			
Gasoline Range O	rganics (GRO)	ND	4.8	mg/Kg	1	4/5/2023 12:58:38 PM	74113			
Surt: BFB		100	37.7-212	%Rec	1	4/5/2023 12:58:38 PM	74113			
EPA METHOD 8	021B: VOLATILES					Analys	t: JJP			
Benzene		ND	0.024	mg/Kg	1	4/5/2023 12:58:38 PM	74113			
Toluene		ND	0.048	mg/Kg	1	4/5/2023 12:58:38 PM	74113			
Ethylbenzene		ND	0.048	mg/Kg	1	4/5/2023 12:58:38 PM	74113			
Xylenes, Total		ND	0.096	mg/Kg	1	4/5/2023 12:58:38 PM	74113			
Surt: 4-Bromofil	uorobenzene	87.2	70-130	%Rec	1	4/5/2023 12:58:38 PM	74113			

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for proparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Que institue Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estin
- B Analyte detected in the associated Method Blank E Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not in Range RL Reporting Limit

Analytical Report

Page 3 of 7

Hall Environmental Analy	sis Laboratory, l	inc.			Lab Order 2304077 Date Reported: 4/10/20	023
CLIENT: EOG		Clier	t Sample II	D: BE	S23-44 4'	
Project: Platt PA Battery		Col	llection Dat	e: 3/3	31/2023 11:15:00 AM	[
Lab ID: 2304077-004	Matrix: SOIL	R	eceived Dat	e: 4/4	/2023 7:25:00 AM	
Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chioride	ND	60	mg/Kg	20	4/5/2023 9:44:44 PM	74150
EPA METHOD 8015M/D: DIESEL R/	ANGE ORGANICS				Analys	t: DGH
Diesel Range Organics (DRO)	230	9.8	mg/Kg	1	4/6/2023 6:16:42 PM	74121
Motor Oll Range Organics (MRO)	590	49	mg/Kg	1	4/6/2023 6:16:42 PM	74121
Surr: DNOP	99.4	69-147	%Rec	1	4/6/2023 6:16:42 PM	74121
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	it: JJP
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/5/2023 1:22:21 PM	74113
Surt: BFB	101	37.7-212	%Rec	1	4/5/2023 1:22:21 PM	74113
EPA METHOD 8021B: VOLATILES					Analys	t: JJP
Benzene	ND	0.024	mg/Kg	1	4/5/2023 1:22:21 PM	74113
Toluene	ND	0.049	mg/Kg	1	4/5/2023 1:22:21 PM	74113
Ethylbenzene	ND	0.049	mg/Kg	1	4/5/2023 1:22:21 PM	74113
Xylenes, Total	ND	0.098	mg/Kg	1	4/5/2023 1:22:21 PM	74113
Surr: 4-Bromofluorobenzene	87.4	70-130	%Rec	1	4/5/2023 1:22:21 PM	74113

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for proparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Que institue Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estin
- B Analyte detected in the associated Method Blank E Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not in Range RL Reporting Limit

Analytical Report

Page 4 of 7

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#: 2304077 10-Apr-23

Client: Project:	EOG Platt PA	Battery									
Sample ID:	MB-74150	SampT	ype: mb	lik	Tes	tCode: EP	A Method	300.0: Anions			
Client ID:	PBS	Batch	ID: 74	150	F	RunNo: 95	824				
Prep Date:	4/5/2023	Analysis D	ate: 4/	5/2023	5	SeqNo: 34	68743	Units: mg/K	9		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-74150	SampT	ype: Ica		Tes	tCode: EP	A Method	300.0: Aniona			
Client ID:	LCSS	Batch	ID: 74	150	F	RunNo: 95	824				
Prep Date:	4/5/2023	Analysis D	ate: 4/	5/2023	5	SeqNo: 34	68744	Units: mg/K	9		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	95.1	90	110			

Qualifiers:

ant Level

D H ND

Value exceeds Maximum Contaminan Sample Dibried Dae to Matrix Holding times for preparation or analy Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of standard limits

PQL S its. If undil

Analyte detected in the associated Method II Above Quartitation Range/Estimated Value Analyte detected below quartitation limits Sample pH Not In Range BEJP

RL Reporting Limit

Page 5 of 7

Hall Environmental Analysis Laboratory, Inc. 10-Ap	QC SUMMARY REPORT	WO#:	2304077
· · · · · · · · · · · · · · · · · · ·	Hall Environmental Analysis Laboratory, Inc.		10-Apr-23

Client: EOG Project: Platt	PA Battery									
Sample ID: Ics-74113 Client ID: LCSS		ype: LC			tCode: EF RunNo: 99		8015D: Gasol	ine Range		
Prep Date: 4/4/2023	Analysis D	ate: 4/	5/2023	5	SeqNo: 34	68624	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	21 1900	5.0	25.00 1000	0	85.8 191	70 37.7	130 212			
Sample ID: mb-74113 Client ID: PBS		ype: MB 11D: 741			tCode: EF RunNo: 99		8015D: Gasol	ine Range		
Prep Date: 4/4/2023	Analysis D	ate: 4/	5/2023	5	SeqNa: 34	68626	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 1000	5.0	1000		102	37.7	212			

Qualifiers:

• ant Level

D H ND PQL S

Value exceeds Maximum Costaminar Sample Dikted Dae to Matrix Holding times for proparation or analy Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of standard limits Ifundi B Analyte detected in the associated Method Ha E Abow Quartitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not In Range RL. Reporting Limit

Page 6 of 7

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2304077 10-Apr-23

QC SUMMARY REPORT	WO#:
Hall Environmental Analysis Laboratory, Inc.	

Client: EOG Project: Platt PA	A Battery									
Sample ID: LCS-74113	SampT	(ype: LC	\$	Tes	tCode: Ep	A Method	8021B: Volati	les		
Client ID: LCSS	Batch	h ID: 74	113	F	RunNo: 95	822				
Prep Date: 4/4/2023	Analysis D)ate: 4/	5/2023	:	SeqNo: 34	68661	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.5	80	120			
Toluene	0.91	0.050	1.000	0	91.4	80	120			
Ethylbenzene	0.89	0.050	1.000	0	89.0	80	120			
Xylenes, Total	2.6	0.10	3.000	0	88.2	80	120			
Surr: 4-Bromofluorobenzene	0.92		1.000		91.7	70	130			
Sample ID: mb-74113	SampT	Type: ME	SLK.	Tes	tCode: EP	A Method	8021B: Volati	168		
Client ID: PBS	Batch	h ID: 74	113	F	RunNo: 95	822				
Prep Date: 4/4/2023	Analysis D)ate: 4/	5/2023	:	SeqNo: 34	68662	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								

Qualifiers:

Value exceeds Maximum Contamins Sample Dikted Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantitative Limit % Recovery outside of standard limit . ant Level

D H ND PQL S

Ifundit

 B Analyte detected in the associated Method IB
 Above Quaritation Range/Estimated Value
 J Analyte detected below quaritation limits
 P Sample pil Not Is Range
 RL. Reporting Limit xi 19

Page 7 of 7

HALL ENVIRONMENTAL ANALYSIS LABORATORY		Acertycis Latennetary 1901 Houskies Ne ngwergus, 344 A2 (12) 111 House A45-4 (17 111 House A45-4 (17 111 House A45-4 (17)	Sample Log-In Check List				
Client Narce. EDG	Work Order Number	: 2304077		ReptNo: 1			
Received By: Juan Rojas	4/4/2023 7:25:00 AM	÷	prosta je S-la				
Completed By: Sean Livingston	4/4/2023 2:01:55 AM		< 1				
HENEWED BY JN 4/14/23							
Chain of Custody							
1. Is Chain & Clustedy complete?		ves ⊻d	NØ 🖾	Not Present [.]			
2_{1} . How was the sample cellvered?		Course					
<u>Log in</u> 3. Was an etempt made to oppliche samples ⁵	,	¥ең 🗹	No 🗆	NA LL			
4. Wore all samples received at a temperature	of 2020 to 6.0%	Yes M	No 📋	MA I I			
5 Sample(s) in proper container(s)?		Yes M	Noll				
 Sulf de it sample volume for indicated test; 	4)?	Yes 🕑	No _				
7_{\odot} Are samples (except VOA and ONG) proper	ly preserved?	Yes 🕅	Nali				
B. Was preservalive added to bolities?		Yes 🗔	No 📈	na 🛛			
9. Received at least 1 vial with headspoce < 1/	4 for AQ VOA?	Yes 🕞	No 1	NA 🗹			
1() Were any sample containers received broki	81?	Yes 🗀	No 🗹	# of preserved			
11. Does pepervork match bolde lebele? (Note utawapancies un chain of custody)		Yeo 🗹	No 🗆	tor pet: {<2 cr >12 unless noted;			
12 Are matrices correctly identified on Chain of	Gustndv?	Xes 🗹	Na 📙	Juliuster?			
13 Is it clear what analysiss ware requested?	,	Y99 🔽	№ .				
14. Were all holding times able to serve?		Yee 📈	No 🖂 ,	Checked by:			
(If not collify quaterner for authorization.)			1	-11 4/4/23			
Special Handling (if applicable)				_			
15. Was dieut notifies of all discrepances with 1	this coder?	ras 🔟	Ma 📋	NA 🐼			
Person Notified:	Date.						
Sy Whom:	Via. []eXi≥i ∐ Phon		In Person			
Regarding:							
Client Instructions.)							
16 Additional remarks:							
17. <u>Cooler Information</u>							
	del Intent See No 9 d Prosent "Morry	šeel Dato – Sig	ined By				
Page 1 of 1							

HALL ENVIRONMENTAL HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4801 Hawkins NE - Albuquerque. NM 87108 Tel. 505-345-3975 Fax 505-345-4107 Tel. 505-345-8975 Fax 505-345-4107 Analysis Request	(TEX): MT8E1 (TM8's (8021) TPH:8015D(GRO / DRO / MRC) B081 Pesticides/9082 PCB's ED8 (Method 504.1) PAHs by 8310 or 82705IMS RCRA 8 Melais GDF, Br, NO ₂ , NO ₂ , PO4, SO4 8280 (VOA) 8270 (Somi VOA) Total Coliform (Present/Meent) Total Coliform (Present/Meent)		1116. Neuropusines by: 24.35 Runtu Run Revealed by: Val. Val. Val. Val. Val. CL: Chance Liver True Relinquibles or: Received by: Val. Val. Val. Cd.: Chance Liver FR. CL: Chance Diver M.D. CLLLL-V <u>ANNUM VIV. VIV. 23.7.75</u> 1.122537 so-tick scherzes in second charge of the second by ATA & SCHERCE COLOR ME and the safet of resolution report.
Tum-Around Time: : Standerd Bush 48hr Project Name: Project # Project # 23E-D0133 Plase 24		The col	Received by vis: vis: vis: vis: vis: vis: vis: vis:
Client: Color Custody Record Client: COL (1)etter) Mailing Address: Con Solle	email or Faw#: QA/QC Packaga: D Standard D Level 4 (Full Validation) Accreditation: 2 Az Compliance D NELAC D Other D EDD (Type) Cate Time Matrix Sample Name	ите маих запцие манте 11.10 56.1 WES33-43 41 11.10 8.8523-43 41 11.115 V 8.8523-43 41 11.115 V 8.8523-44 4'	1332. Inter Neuropusters Dy: 3332. AV. 35 Retroyutes Dy: 1913 H. Retroyutes or 1913 H. O. U. U. U. V. V.

Released to Imaging: 12/29/2023 7:55:04 AM



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Websitie: www.hallenvironmental.com

April 12, 2023 Chance Dixon EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX:

RE: Platt PA Battery

OrderNo.: 2304260

Dear Chance Dixon:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/6/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analy	inc.	Lab Order 2304260 Date Reported: 4/12/2023								
CLIENT: EOG		Clie	Client Sample ID: WS23-57 4ft							
Project: Platt PA Battery		C	ollection Dat	e: 4/4	/2023 1:00:00 PM					
Lab ID: 2304260-001	Matrix: SOIL									
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA METHOD 300.0: ANIONS					Analyst	CAS				
Chloride	ND	61	mg/Kg	20	4/8/2023 1:57:48 AM	74211				
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analyst	: PRD				
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	4/10/2023 11:08:48 AM	74198				
Motor OII Range Organics (MRO)	ND	49	mg/Kg	1	4/10/2023 11:08:48 AM	74198				
Surr: DNOP	76.6	69-147	%Rec	1	4/10/2023 11:08:48 AM	74198				
EPA METHOD 8015D: GASOLINE F	RANGE				Analyst	: JJP				
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	4/8/2023 10:34:49 PM	74179				
Surt: BFB	95.3	37.7-212	%Rec	1	4/8/2023 10:34:49 PM	74179				
EPA METHOD 8021B: VOLATILES					Analyst	: JJP				
Benzene	ND	0.024	mg/Kg	1	4/10/2023 12:18:01 PM	74179				
Toluene	ND	0.048	mg/Kg	1	4/10/2023 12:18:01 PM	74179				
Ethylbenzene	ND	0.048	mg/Kg	1	4/10/2023 12:18:01 PM	74179				
Xylenes, Total	ND	0.095	mg/Kg	1	4/10/2023 12:18:01 PM	74179				
Surr: 4-Bromofluorobenzene	84.8	70-130	%Rec	1	4/10/2023 12:18:01 PM	74179				

Qualifiers:

- Value eccends Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for proparation or analysis ecceeded
 ND Not Detected at the Reporting Limit
 POL Practical/Que institue Limit
 S % Recovery cotaids of standard limits. If undiluted results may be estin
- B Analyte detected in the associated Method Blank E Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits P Sample pH Not in Range RL Reporting Limit

Analytical Report

Page 1 of 5

WO#: 2304260 12-Apr-23

Client: Project:	EOG Platt PA	Battery									
Sample ID:	MB-74211	SampT	ype: mb	lik	Tes	stCode: EF	PA Method	300.0: Aniona			
Client ID:	PBS	Batch	1D: 74	211	F	RunNo: 9	5862				
Prep Date:	4/7/2023	Analysis D)ate: 4/	7/2023	:	SeqNo: 34	471550	Units: mg/K	9		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-74211	SampT	ype: Ica		Tes	itCode: EF	A Method	300.0: Aniona			
Client ID:	LCSS	Batch	1D: 74	211	F	RunNo: 9	5862				
Prep Date:	4/7/2023	Analysis D)ate: 4/	7/2023	:	SeqNo: 34	471551	Units: mg/K	9		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		15	1.5	15.00	0	96.9	90	110			

Qualifiers:

ant Level

D H ND

- Value exceeds Maximum Contaminan Sample Dibried Due to Matrix Holding times for preparation or analy Not Detected at the Reporting Limit Practical Quantative Limit % Recovery outside of standard limits PQL S its. If undilu

Analyte detected in the associated Method II Above Quartitation Range/Estimated Value Analyte detected below quartitation limits Sample pH Not In Range BEJP

RL Reporting Limit

Page 2 of 5

WO#:	2304260
	12-Apr-23

Client: EOG Project: Platt PA	Battery								
Sample ID: LCS-74202	SampType: L	.CS	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch ID: 7	4202	F	RunNo: 95	894		-	-	
Prep Date: 4/7/2023	Analysis Date:	4/10/2023	:	SeqNo: 34	72132	Units: %Rec			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Sur: DNOP	4.5	5.000		90.2	69	147			
Sample ID: MB-74202	SampType: N	IBLK	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch ID: 7	4202	F	RunNo: 95	894				
Prep Date: 4/7/2023	Analysis Date:	4/10/2023	:	SeqNo: 34	72133	Units: %Rec			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Surr: DNOP	8.7	10.00		87.2	69	147			
Sample ID: MB-74198	SampType: N	IBLK	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	Organics	
Sample ID: MB-74198 Client ID: PBS	SampType: N Batch ID: 7			itCode: EF RunNo: 95		8015M/D: Die	sel Range	Organics	
		4198	F		898	8015M/D: Die Units: mg/K		Organics	
Client ID: PBS	Batch ID: 7	4198 4/10/2023	F	RunNo: 95 SeqNo: 34	6898 172268			Organics RPDLImit	Qual
Client ID: PBS Prep Date: 4/7/2023 Anatyte Diesel Range Organics (DRO)	Batch ID: 7 Analysis Date: 4 Result PQL ND 10	4198 4/10/2023 . SPK value 0	F	RunNo: 95 SeqNo: 34	6898 172268	Units: mg/K	9		Qual
Client ID: PBS Prep Date: 4/7/2023 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO)	Batch ID: 7 Analysis Date: 4 Result PQL ND 10 ND 50	4198 4/10/2023 . <u>SPK value</u> D	F	RunNa: 95 SegNa: 34 %REC	898 172268 LowLimit	Units: mg/K HighLimit	9		Qual
Client ID: PBS Prep Date: 4/7/2023 Anatyte Diesel Range Organics (DRO)	Batch ID: 7 Analysis Date: 4 Result PQL ND 10	4198 4/10/2023 . SPK value 0	F	RunNo: 95 SeqNo: 34	6898 172268	Units: mg/K	9		Qual
Client ID: PBS Prep Date: 4/7/2023 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO)	Batch ID: 7 Analysis Date: 4 Result PQL ND 10 ND 50	4198 4/10/2023 . SPK value D D 10.00	F SPK Ref Val	RunNa: 95 SegNa: 34 %REC 83.4	898 172268 LowLimit 69	Units: mg/K HighLimit	g %RPD	RPDLImit	Qual
Client ID: PBS Prep Date: 4/7/2023 Analyte Diesel Range Organics (DRO) Motor OI Range Organics (MRO) Surr: DNOP	Batch ID: 7 Analysis Date: 4 Result PQL ND 11 ND 50 8.3	4198 4/10/2023 . SPK value 0 10.00 .CS	F SPK Ref Val	RunNa: 95 SegNa: 34 %REC 83.4	898 172268 LowLimit 69 24 Method	Units: mg/K HighLimit 147	g %RPD	RPDLImit	Qual
Client ID: PBS Prep Date: 4/7/2023 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: LCS-74198	Batch ID: 7 Analysis Date: 4 Result PQL ND 10 ND 50 8.3 SampType: L	4198 4/10/2023 . SPK value 0 10.00 .CS 4198	F SPK Ref Val Tes F	RunNo: 95 SeqNo: 34 %REC 83.4 tCode: EF	898 172268 LowLimit 69 24 Method 1898	Units: mg/K HighLimit 147	g %RPD sel Range	RPDLImit	Qual
Client ID: PBS Prep Date: 4/7/2023 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: LCS-74198 Client ID: LCSS	Batch ID: 7 Analysis Date: 4 Result PQL ND 10 ND 50 8.3 SampType: L Batch ID: 7	4198 4/10/2023 SPK value 0 10.00 CS 4/10/2023	F SPK Ref Val Tes F	RunNo: 95 SeqNo: 34 %REC 83.4 tCode: EF RunNo: 95 SeqNo: 34	698 LowLimit 69 A Method 6898	Units: mg/K HighLimit 147 8015M/D: Die	g %RPD sel Range	RPDLImit	Qual
Client ID: PBS Prep Date: 4/7/2023 Analyte Diesel Range Organics (DRO) Motor OI Range Organics (MRO) Surr. DNOP Sample ID: LCS-74198 Client ID: LCSS Prep Date: 4/7/2023	Batch ID: 7 Analysis Date: 4 ND 10 ND 50 8.3 SampType: L Batch ID: 7 Analysis Date: 4	4198 4/10/2023 SPK value 0 10.00 CS 4/10/2023 SPK value	F SPK Ref Val Tec F	RunNo: 95 SeqNo: 34 %REC 83.4 tCode: EF RunNo: 95 SeqNo: 34	698 LowLimit 69 A Method 6898	Units: mg/K HighLimit 147 8015M/D: Die Units: mg/K	g %RPD sel Range g	RPDLImit Organics	

Qualifiers:

Value m Cos at Level

Value exceeds Maximum Cont Sample Diluted Due to Matrix D H ND PQL S

Sampa Daniel Due to Marrix Holding times for preparation or and Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of standard limit

Analyte detected in the associated Method II Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pH Not In Range

BEJP

RL. Reporting Limit Page 3 of 5

QC SUMMARY REPORT	WO#:	2304260
Hall Environmental Analysis Laboratory, Inc.		12-Apr-23

Client: EOG Project: Platt P	A Battery										
Sample ID: Ics-74179						stCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS Prep Date: 4/6/2023	Analysis D)ate: 4/			RunNo: 98 SeqNo: 34		Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO) Surr: BFB	23 1900	5.0	25.00 1000	0	90.2 185	70 37.7	130 212				
Sample ID: mb-74179 Client ID: PBS		ype: ME 1 ID: 741			tCode: EF RunNo: 95		8015D: Gasol	ine Range			
Prep Date: 4/6/2023	Analysis D	ate: 4/	8/2023	5	SeqNa: 34	71791	Units: mg/K	9			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual	
Gasoline Range Organics (GRO) Surr: BFB	ND 970	5.0	1000		96.7	37.7	212				

Qualifiers:

. ant Level

D H ND PQL S

Value exceeds Maximum Contamina Sample Diluted Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Questing Limit % Recovery outside of standard limit its. Mundil B Analyte detected in the associated Method IB
 Above Quaritation Range/Estimated Value
 J Analyte detected below quaritation limits
 P Sample pil Not Is Range
 RL. Reporting Limit xi 19

Page 4 of 5

2304260 12-Apr-23

QC SUMMARY REPORT	WO#:
Hall Environmental Analysis Laboratory, Inc.	

Client: EOG Project: Platt PA	A Battery									
Sample ID: LCS-74179	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 74179			RunNo: 95869						
Prep Date: 4/6/2023	Analysis (Date: 44	8/2023	:	SeqNo: 34	73502	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	1.000	0	85.0	80	120			
Toluene	0.87	0.050	1.000	0	86.6	80	120			
Ethylbenzene	0.85	0.050	1.000	0	85.0	80	120			
Xylenes, Total	2.5	0.10	3.000	0	84.5	80	120			
Surr: 4-Bromofluorobenzene	0.84		1.000		84.2	70	130			
Sample ID: mb-74179	SampT	Type: ME	ILK.	Tes	tCode: EP	A Method	8021B: Volati	188		
Client ID: PBS	Batch	Batch ID: 74179 RunNo: 95			6869					
Prep Date: 4/6/2023	Analysis D	Date: 44	8/2023	:	SeqNo: 34	73503	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								

Qualifiers:

. ant Level

D H ND PQL S

Value exceeds Maximum Contamina Sample Diluted Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Questing Limit % Recovery outside of standard limit its. Mundil B Analyte detected in the associated Method IB
 Above Quaritation Range/Estimated Value
 J Analyte detected below quaritation limits
 P Sample pil Not Is Range
 RL. Reporting Limit

Page 5 of 5

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HALL ENVIRONMENTAL ANALYSIS LABORATORY) VRC 505-345-31	kil Amitess Labe 4901 Hanik Mangaéngue, Nid 175 NAX, 365 31 Aultest insument	NE NE X7709 San 3-1107	nple Log-In (Check List
C'iont Name: EOG	Work Order Numb	ier 2304260		RopeNo	1
Received By. Tracy Casarrubiae 4/	5/2023 7:22:00 AM	M			
Completed By. Tracy Casarrubias 4/	5/20 23 7:43: 20 A M	M			
Revenued By SZR 4/6/27					
Chain of Custody					
1 Is Ghain of Custody complete?		Yes 🗖	No 🕅	Not Present 🗍	
2. How was file sample deliverent?		Coulter			
Log In					
2. Wee an alterupt mode to card the samples?		Yes 🗹	Noll	NA (I	
4. Were all samples received all a temple white of \geq	0°G ha H 0°C	Yee 🗹	No 🗖	NA 🗆	
5. Sample(s) in proper container(s)?		Үөз 🗹	No 🗆		
6 Sufficient sample volume for indicated test(s)?		Yes 🗹	ĸЛ		
7. Are samples (except VOA and ONG) properly pre-	earves?	Yes 🛃	No 🖂		
 Was preservative added to bottyps? 		Yes 🗖	No 🗠	na 🗆	
9. Received at least 1 vial with headspece <59 $^\circ$ for	AQ VOA?	Yes	No 🗋	NA 🗹	
10, Were any astropic convainers received brokon?		Yes 🗆	No Mij	≄ of preserved	
11 Docs beparwork match bottle labels? (Nete disc-spancies on chain of custody)		Yea 🕅	к₀ Г⁻	botilies checked for pH:	≫12 unitess rester0
[2] Are matrices correctly clarified on Chain of Oust	odv?	γas ¥d	No 🗆	Adjusted?	
3, is it clear what analyses were requested?		Yee 🗹	No 🗍		
4. Were all holding limes able to its met?		Yes 🖓	No 🗌	Checked by:	JU4/6/23
(Fire, nubity customer for earther vehicle,)					
S <u>pecial Handiing (If applicable)</u>					
15. Was client notified of all discrepancies with this :		Yes [.]	No II	№ Ан	r.
Aaraon Notified:	Date:				
Sy Wirom.	Via		Phone 🗌 Fax	In Persor	
Client Instructions: Missing addre	er share suches			0.00	
15. Additional remarks.	se, prome number	Brki enisa dirt		0/23	
17. <u>Cooler Information</u> Cooler No Tranp 10 Condition Seal In	L O INI.	Acres 18 and			
Cooler No Tranp % Condition Seal to 1 2.6 Doot Yes	fizet Seel No Morty	Seel Date	Signed By		
		1			

 HALL ENVIRONMENTAL HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenviron mertal.com 4601 Hawkins NE Nbuquerque, NM 87103 Tal. 505-345-3875 Fax 805 345 4107 Tal. 505-345-3875 Request 	бДЭХ МТВЕ / ТМВ's (9021) ГРН:8015D(GRO / DRO / MRO) 8081 Гезбсібез/6062 РСВ's 8280 (Mesthed 506.1) 8280 (Mesthed 506.1) 8270 (Schrift VOL) 8270 (Schrift VOL)		Remarks: C.C. & CLOUNCO DI NON & COL 1 GUEZ DWRECT BILL TO EOC
Record Turn-Arcund Time: SS E standard Krush 4844 Project Name: Project #: Project #: 20125-14	Project Manager: CVOWCC DI VUU Sampler: Texnurulu Vod Vig 22 Un tea: If Yes II No. MUH # of Coolers: Cooler Terruin-was cri 29-0:1 = 2.0 (°C) Container Preservative HEAL No. Type and # Type	464 Yor here and	Inner Relinquished by: Reconstruct by: Value Vicino Vicino Remarks: Vicino Vicino Vicino Vicino Vicino
Chain-of-Custody Record Client: ECC ResourceS (いたいそう Mailing Address: Con File	email or Fax#: QA/QC Psckage: C Standard Level 4 (Full V Acureutilation: _ Az Compliance IT NELAC _ Other_ U EDD (Type) U EDD (Type) Date _ Time Matrix Sample Name	1164, 2017	Data: Time: Relinquished by: H.H. Ko:N Relinquished by: Data: Nime: Relinquished by: Data: Nime: Relinquished by: Data: Nime: Relinquished by: Increasy: sar phe atomized to rai Environment



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Websitie: www.hallenvironmental.com

July 25, 2022 Chase Settle EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX:

RE: Platt Battery

OrderNo.: 2207651

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 9 sample(s) on 7/14/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analy	rsis Laboratory, I	ínc.				Analytical Report Lab Order 2207651 Date Reported: 7/25/20	22
CLIENT: EOG		Cl	ient Sa	mple II	D: BH	122-10 0'	
Project: Platt Battery			Collect	ion Dat	e: 7/1	2/2022 9:30:00 AM	
Lab ID: 2207651-001	Matrix: SOIL		Recei	ved Dat	e: 7/]	4/2022 7:00:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: NAI
Chloride	3100	150		mg/Kg	50	7/20/2022 9:51:37 AM	68889
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS					Analys	t: SB
Diesel Range Organics (DRO)	980	150		mg/Kg	10	7/18/2022 6:23:44 PM	68825
Motor OII Range Organics (MRO)	2200	500		mg/Kg	10	7/18/2022 6:23:44 PM	68825
Sur: DNOP	0	51.1-141	S	%Rec	10	7/18/2022 6:23:44 PM	68825
EPA METHOD 8015D: GASOLINE R	ANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/18/2022 6:46:05 PM	68814
Surt: BFB	102	37.7-212		%Rec	1	7/18/2022 6:46:05 PM	68814
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Benzene	ND	0.024		mg/Kg	1	7/18/2022 6:46:05 PM	68814
Toluene	ND	0.048		mg/Kg	1	7/18/2022 6:46:05 PM	68814
Ethylbenzene	ND	0.048		mg/Kg	1	7/18/2022 6:46:05 PM	68814
Xylenes, Total	ND	0.096		mg/Kg	1	7/18/2022 6:46:05 PM	68814
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	7/18/2022 6:46:05 PM	68814

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanitative Limit
 \$ % Recovery outside of range due to dilution or matrix interfer
 }
- B Analyte detected in the associated Method Blank E Estimated value J Analyte detected below quantitation limits P Sample Ji Not in Range RL Reporting Limit

Page 1 of 15

Hall Environmental Analy	sis Laboratory, I	nc.				Analytical Report Lab Order 2207651 Date Reported: 7/25/20	122
CLIENT: EOG	CI	ient Sa	mple II	D: BH	122-10 2'		
Project: Platt Battery		Collect	ion Dat	e: 7/]	2/2022 9:35:00 AM		
Lab ID: 2207651-002	Matrix: SOIL		Receiv	ved Dat	e: 7/1	4/2022 7:00:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	tJП
Chloride	1100	60		mg/Kg	20	7/19/2022 1:35:12 PM	68889
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS					Analys	t: SB
Diesel Range Organics (DRO)	830	140		mg/Kg	10	7/18/2022 7:11:45 PM	68825
Motor OII Range Organics (MRO)	1300	470		mg/Kg	10	7/18/2022 7:11:45 PM	68825
Sur: DNOP	0	51.1-141	S	%Rec	10	7/18/2022 7:11:45 PM	68825
EPA METHOD 8015D: GASOLINE R	ANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/18/2022 7:10:07 PM	68814
Surt: BFB	104	37.7-212		%Rec	1	7/18/2022 7:10:07 PM	68814
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Benzene	ND	0.025		mg/Kg	1	7/18/2022 7:10:07 PM	68814
Toluene	ND	0.050		mg/Kg	1	7/18/2022 7:10:07 PM	68814
Ethylbenzene	ND	0.050		mg/Kg	1	7/18/2022 7:10:07 PM	68814
Xylenes, Total	ND	0.099		mg/Kg	1	7/18/2022 7:10:07 PM	68814
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	7/18/2022 7:10:07 PM	68814

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Dituted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanitative Limit
 S % Recovery outside of range due to dilution or matrix interfet
- B Analyte detected in the associated Method Blank E Estimated value J Analyte detected below quantitation limits P Sample Ji Not in Range RL Reporting Limit

Page 2 of 15

Hall Environmental Analy	rsis Laboratory, l	ínc.			Analytical Report Lab Order 2207651 Date Reported: 7/25/20	22	
CLIENT: EOG Client Sample ID: BH22-10 4'							
Project: Platt Battery		C	ollection Dat	e: 7/1	2/2022 9:40:00 AM		
Lab ID: 2207651-003	Matrix: SOIL	1	Received Dat	e: 7/]	4/2022 7:00:00 AM		
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	π	
Chloride	1200	60	mg/Kg	20	7/19/2022 1:47:36 PM	68889	
EPA METHOD 8015M/D: DIESEL R/	ANGE ORGANICS				Analyst	: SB	
Diesel Range Organics (DRO)	270	73	mg/Kg	5	7/19/2022 10:51:02 AM	68825	
Motor Oli Range Organics (MRO)	440	240	mg/Kg	5	7/19/2022 10:51:02 AM	68825	
Surf: DNOP	100	51.1-141	%Rec	5	7/19/2022 10:51:02 AM	68825	
EPA METHOD 8015D: GASOLINE R	ANGE				Analyst	: NSB	
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/18/2022 7:34:10 PM	68814	
Surt: BFB	107	37.7-212	%Rec	1	7/18/2022 7:34:10 PM	68814	
EPA METHOD 8021B: VOLATILES					Analyst	: NSB	
Benzene	ND	0.024	mg/Kg	1	7/18/2022 7:34:10 PM	68814	
Toluene	ND	0.048	mg/Kg	1	7/18/2022 7:34:10 PM	68814	
Ethylbenzene	ND	0.048	mg/Kg	1	7/18/2022 7:34:10 PM	68814	
Xylenes, Total	ND	0.096	mg/Kg	1	7/18/2022 7:34:10 PM	68814	
Surr: 4-Bromofluorobenzene	104	70-130	%Rec	1	7/18/2022 7:34:10 PM	68814	

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanitative Limit
 \$ % Recovery outside of range due to dilution or matrix interfe
- B Analyte detected in the associated Method Blank E Estimated value J Analyte detected below quantitation limits P Sample pH Not in Range RL Reporting Limit

Page 3 of 15

Hall Environmental Analy	sis Laboratory, l	ínc.			Analytical Report Lab Order 2207651 Date Reported: 7/25/20	022
CLIENT: EOG		Chi	ent Sample II): BH	122-11 0'	
Project: Platt Battery		С	ollection Dat	e: 7/1	2/2022 9:45:00 AM	
Lab ID: 2207651-004	Matrix: SOIL	1	Received Dat	e: 7/]	4/2022 7:00:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	tJTT
Chloride	1400	60	mg/Kg	20	7/19/2022 2:49:40 PM	68889
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analys	t: SB
Diesel Range Organics (DRO)	48	15	mg/Kg	1	7/19/2022 12:02:50 PM	68825
Motor OII Range Organics (MRO)	110	50	mg/Kg	1	7/19/2022 12:02:50 PM	68825
Sur: DNOP	94.7	51.1-141	%Rec	1	7/19/2022 12:02:50 PM	68825
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/18/2022 7:58:13 PM	68814
Surt: BFB	102	37.7-212	%Rec	1	7/18/2022 7:58:13 PM	68814
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.024	mg/Kg	1	7/18/2022 7:58:13 PM	68814
Toluene	ND	0.049	mg/Kg	1	7/18/2022 7:58:13 PM	68814
Ethylbenzene	ND	0.049	mg/Kg	1	7/18/2022 7:58:13 PM	68814
Xylenes, Total	ND	0.098	mg/Kg	1	7/18/2022 7:58:13 PM	68814
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	7/18/2022 7:58:13 PM	68814

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanitative Limit
 \$ % Recovery outside of range due to dilution or matrix interfe
- B Analyte detected in the associated Method Blank E Estimated value J Analyte detected below quantitation limits P Sample Ji Not in Range RL Reporting Limit

Page 4 of 15

Hall Environmental Analy	sis Laboratory, I	nc.				Analytical Report Lab Order 2207651 Date Reported: 7/25/20	022
CLIENT: EOG Client Sample ID: BH22-11 4'							
Project: Platt Battery			Collect	ion Dat	e: 7/]	2/2022 9:55:00 AM	
Lab ID: 2207651-005	Matrix: SOIL		Recei	ved Dat	e: 7/]	4/2022 7:00:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	tJTT
Chloride	1100	60		mg/Kg	20	7/19/2022 3:02:04 PM	68889
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS					Analys	t: SB
Diesel Range Organics (DRO)	5100	150		mg/Kg	10	7/18/2022 8:47:44 PM	68825
Motor OII Range Organics (MRO)	3300	490		mg/Kg	10	7/18/2022 8:47:44 PM	68825
Sur: DNOP	0	51.1-141	S	%Rec	10	7/18/2022 8:47:44 PM	68825
EPA METHOD 8015D: GASOLINE R	ANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	120	24		mg/Kg	5	7/18/2022 8:22:05 PM	68814
Surt: BFB	305	37.7-212	S	%Rec	5	7/18/2022 8:22:05 PM	68814
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Benzene	ND	0.12		mg/Kg	5	7/18/2022 8:22:05 PM	68814
Toluene	ND	0.24		mg/Kg	5	7/18/2022 8:22:05 PM	68814
Ethylbenzene	3.2	0.24		mg/Kg	5	7/18/2022 8:22:05 PM	68814
Xylenes, Total	1.8	0.48		mg/Kg	5	7/18/2022 8:22:05 PM	68814
Surr: 4-Bromofluorobenzene	129	70-130		%Rec	5	7/18/2022 8:22:05 PM	68814

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Dituted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanitative Limit
 S % Recovery outside of range due to dilution or matrix interfet
- B Analyte detected in the associated Method Blank E Estimated value J Analyte detected below quantitation limits P Sample Ji Not in Range RL Reporting Limit

Page 5 of 15

Hall Environmental Analy	rsis Laboratory, l	ínc.			Analytical Report Lab Order 2207651 Date Reported: 7/25/20	122	
CLIENT: EOG		Clie	ent Sample II): BH	122-11 12'		
Project: Platt Battery		C	ollection Dat	e: 7/1	2/2022 2:00:00 PM		
Lab ID: 2207651-006	Matrix: SOIL						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	tJTT	
Chioride	1600	60	mg/Kg	20	7/19/2022 3:14:29 PM	68889	
EPA METHOD 8015M/D: DIESEL R/	ANGE ORGANICS				Analys	t: SB	
Diesel Range Organics (DRO)	590	71	mg/Kg	5	7/20/2022 2:25:55 PM	68859	
Motor Oil Range Organics (MRO)	380	240	mg/Kg	5	7/20/2022 2:25:55 PM	68859	
Sur: DNOP	110	51.1-141	%Rec	5	7/20/2022 2:25:55 PM	68859	
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	t: BRM	
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	7/18/2022 7:55:00 PM	68819	
Surr: BFB	109	37.7-212	%Rec	5	7/18/2022 7:55:00 PM	68819	
EPA METHOD 8021B: VOLATILES					Analys	t: BRM	
Benzene	ND	0.12	mg/Kg	5	7/18/2022 7:55:00 PM	68819	
Toluene	ND	0.25	mg/Kg	5	7/18/2022 7:55:00 PM	68819	
Ethylbenzene	ND	0.25	mg/Kg	5	7/18/2022 7:55:00 PM	68819	
Xylenes, Total	ND	0.49	mg/Kg	5	7/18/2022 7:55:00 PM	68819	
Surr: 4-Bromofluorobenzene	92.5	70-130	%Rec	5	7/18/2022 7:55:00 PM	68819	

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Dituted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanitative Limit
 S % Recovery outside of range due to dilution or matrix interfet
- B Analyte detected in the associated Method Blank E Estimated value J Analyte detected below quantitation limits P Sample Ji Not in Range RL Reporting Limit

Page 6 of 15

Hall Environmental Analy	rsis Laboratory, I	ínc.				Analytical Report Lab Order 2207651 Date Reported: 7/25/20	022
CLIENT: EOG	Cl	ient Sa	umple II	D: BH	122-12 0'		
Project: Platt Battery			Collect	ion Dat	e: 7/1	2/2022 1:00:00 PM	
Lab ID: 2207651-007	Matrix: SOIL		Recei	ved Dat	e: 7/1	4/2022 7:00:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	tJП
Chioride	73	60		mg/Kg	20	7/19/2022 3:26:54 PM	68889
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS					Analys	t: SB
Diesel Range Organics (DRO)	990	150		mg/Kg	10	7/19/2022 4:01:44 PM	68859
Motor OII Range Organics (MRO)	1900	500		mg/Kg	10	7/19/2022 4:01:44 PM	68859
Surf: DNOP	0	51.1-141	S	%Rec	10	7/19/2022 4:01:44 PM	68859
EPA METHOD 8015D: GASOLINE R	ANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/18/2022 8:55:00 PM	68819
Surt: BFB	81.8	37.7-212		%Rec	1	7/18/2022 8:55:00 PM	68819
EPA METHOD 8021B: VOLATILES						Analys	t: BRM
Benzene	ND	0.025		mg/Kg	1	7/18/2022 8:55:00 PM	68819
Toluene	ND	0.050		mg/Kg	1	7/18/2022 8:55:00 PM	68819
Ethylbenzene	ND	0.050		mg/Kg	1	7/18/2022 8:55:00 PM	68819
Xylenes, Total	ND	0.099		mg/Kg	1	7/18/2022 8:55:00 PM	68819
Surr: 4-Bromofluorobenzene	79.3	70-130		%Rec	1	7/18/2022 8:55:00 PM	68819

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanitative Limit
 \$ % Recovery outside of range due to dilution or matrix interfe
- B Analyte detected in the associated Method Blank E Estimated value J Analyte detected below quantitation limits P Sample Ji Not in Range RL Reporting Limit

Page 7 of 15

Hall Environmental Analy	sis Laboratory, I	nc.				Analytical Report Lab Order 2207651 Date Reported: 7/25/20	022
CLIENT: EOG Client Sample ID: BH22-12 4'							
Project: Platt Battery			Collect	ion Dat	e: 7/1	2/2022 1:10:00 PM	
Lab ID: 2207651-008	Matrix: SOIL		Recei	ved Dat	e: 7/]	4/2022 7:00:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t JTT
Chloride	1200	60		mg/Kg	20	7/19/2022 3:39:18 PM	68889
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS					Analys	t: SB
Diesel Range Organics (DRO)	7400	140		mg/Kg	10	7/19/2022 5:12:56 PM	68859
Motor OII Range Organics (MRO)	3200	460		mg/Kg	10	7/19/2022 5:12:56 PM	68859
Sur: DNOP	0	51.1-141	S	%Rec	10	7/19/2022 5:12:56 PM	68859
EPA METHOD 8015D: GASOLINE R	ANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	410	25		mg/Kg	5	7/18/2022 9:55:00 PM	68819
Surt: BFB	413	37.7-212	S	%Rec	5	7/18/2022 9:55:00 PM	68819
EPA METHOD 8021B: VOLATILES						Analys	t: BRM
Benzene	0.21	0.12		mg/Kg	5	7/18/2022 9:55:00 PM	68819
Toluene	ND	0.25		mg/Kg	5	7/18/2022 9:55:00 PM	68819
Ethylbenzene	15	0.25		mg/Kg	5	7/18/2022 9:55:00 PM	68819
Xylenes, Total	16	0.49		mg/Kg	5	7/18/2022 9:55:00 PM	68819
Surr: 4-Bromofluorobenzene	244	70-130	S	%Rec	5	7/18/2022 9:55:00 PM	68819

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanitative Limit
 \$ % Recovery outside of range due to dilution or matrix interfer
 }
- B Analyte detected in the associated Method Blank E Estimated value J Analyte detected below quantitation limits P Sample Ji Not in Range RL Reporting Limit

Page 8 of 15

Hall Environmental Analy	sis Laboratory, l	ínc.				Analytical Report Lab Order 2207651 Date Reported: 7/25/20	22
CLIENT: EOG				-		122-12 7'	
Project: Platt Battery	Collection Date: 7/12/2022 1:20:00 PM						
Lab ID: 2207651-009	Matrix: SOIL		Recei	ved Dat	e: 7/]	4/2022 7:00:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	tJTT
Chioride	600	60		mg/Kg	20	7/19/2022 3:51:42 PM	68889
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS					Analyst	t: SB
Diesel Range Organics (DRO)	590	14		mg/Kg	1	7/19/2022 6:00:32 PM	68859
Motor OII Range Organics (MRO)	270	46		mg/Kg	1	7/19/2022 6:00:32 PM	68859
Sur: DNOP	0	51.1-141	S	%Rec	1	7/19/2022 6:00:32 PM	68859
EPA METHOD 8015D: GASOLINE R	ANGE					Analyst	: BRM
Gasoline Range Organics (GRO)	500	24		mg/Kg	5	7/18/2022 10:14:00 PM	68819
Surt: BFB	490	37.7-212	S	%Rec	5	7/18/2022 10:14:00 PM	68819
EPA METHOD 8021B: VOLATILES						Analyst	t: BRM
Benzene	0.44	0.12		mg/Kg	5	7/18/2022 10:14:00 PM	68819
Toluene	ND	0.24		mg/Kg	5	7/18/2022 10:14:00 PM	68819
Ethylbenzene	22	0.24		mg/Kg	5	7/18/2022 10:14:00 PM	68819
Xylenes, Total	20	0.49		mg/Kg	5	7/18/2022 10:14:00 PM	68819
Surr: 4-Bromofluorobenzene	276	70-130	S	%Rec	5	7/18/2022 10:14:00 PM	68819

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quanitative Limit
 \$ % Recovery outside of range due to dilution or matrix interfer
 }
- B Analyte detected in the associated Method Blank E Estimated value J Analyte detected below quantitation limits P Sample Ji Not in Range RL Reporting Limit

Page 9 of 15

2207651 25-Jul-22

QC SUMMARY REPORT	WO#:
Hall Environmental Analysis Laboratory, Inc.	

Client: Project:	EOG Platt Bat	tery									
Sample ID:	MB-68889	SampT	ype: mb	lk	Tes	tCode: Ep	A Method	300.0: Aniona			
Client ID:	PBS	Batch	ID: 68	889	F	RunNo: 85	628				
Prep Date:	7/19/2022	Analysis D	ate: 7/	19/2022	5	SeqNo: 31	91050	Units: mg/K	9		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-68889	SampT	ype: Ics		TestCode: EPA Method 300.0: Anions						
Client ID:	LCSS	Batch	ID: 688	889	F	RunNo: 89	628				
Prep Date:	7/19/2022	Analysis D	ate: 7/	19/2022	5	SeqNo: 31	91051	Units: mg/K	9		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	91.9	90	110			

Qualifiers:

• inant Level.

Velos exceeds Meximum Contentinent Li Sample Dibried Due to Matrix Holding times for preparation or analysis Not Detected at the Reporting Limit Practical Quantative Limit % Recovery outside of range due to diluti D H ND PQL S

B Analyte detected in the associated Method Illenk
 E Estimated value
 J Analyte detected below quantitation limits
 P Sample Jil Not In Range
 RL. Reporting Limit

Page 10 of 15

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Released to Imaging: 12/29/2023 7:55:04 AM

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2207651
	25-Jul-22

Client: EOG Project: Platt Ba	ttery								
Sample ID: MB-68848	SampType: MI	BLK	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch ID: 68	848		RunNo: 89				•	
Prep Date: 7/18/2022	Analysis Date: 7	18/2022	:	SeqNo: 31	88497	Units: %Rec			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Sur: DNOP	7.3	10.00		73.1	51.1	141			
Sample ID: LCS-68848	SampType: LC	\$	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch ID: 68	848	F	RunNo: 89	573				
Prep Date: 7/18/2022	Analysis Date: 7/	18/2022	:	SeqNo: 31	88498	Units: %Rec			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Surr: DNOP	3.0	5.000		60.5	51.1	141			
Sample ID: MB-68825	SampType: MI	BLK	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch ID: 68	825	F	RunNo: 89	573		-	-	
Prep Date: 7/16/2022	Analysis Date: 7/	18/2022	:	SeqNo: 31	89637	Units: mg/K	9		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Diesel Range Organics (DRO)	ND 15								
Motor Oil Range Organics (MRO)	ND 50								
Sum: DNOP	7.3	10.00		72.6	51.1	141			
Sample ID: LCS-68825	SampType: LC	\$	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch ID: 68	825	F	RunNo: 89	573				
Prep Date: 7/16/2022	Analysis Date: 7/	18/2022	:	SeqNo: 31	89638	Units: mg/K	9		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Diesel Range Organics (DRO)	38 15	50.00	0	76.1	64.4	127			
Surr: DNOP	3.7	5.000		73.3	51.1	141			
Sample ID: MB-68859	SampType: MI	BLK	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch ID: 68	859	F	RunNo: 89	602				
Prep Date: 7/18/2022	Analysis Date: 7/	19/2022	:	SeqNo: 31	91340	Units: mg/K	9		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Diesel Range Organics (DRO)	ND 15								
Motor Oil Range Organics (MRO)	ND 50			-					
Surr: DNOP	5.3	10.00		53.1	51.1	141			
Sample ID: LCS-68859	SampType: LC	\$	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch ID: 68	859	F	RunNo: 89	602				
Prep Date: 7/18/2022	Analysis Date: 7/	19/2022		SegNo: 31	91341	Units: mg/K			
Prep Dale. Intoizozz	, and join balls. It								

Qualifiers:

Value exceeds Maximum Contamins Sample Diluted Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantative Limit % Recovery outside of range due to it at Level

- D H ND

- PQL S
- cted in the asso ated Method Blank
- Analyte detected in the ass Estimated value Analyte detected below qu Sample pH Not In Range BEJP antitation limits
- RL Reporting Limit

Page 11 of 15

QC SUMMARY REPORT	WO#:	2207651
Hall Environmental Analysis Laboratory, Inc.		25-Jul-22

Client:	EOG										
Project:	Platt Bat	tery									
Sample ID:	LCS-68859	SampT	ype: LC	\$	Tes	tCode: EP	A Method	8015M/D: Dies	el Range	Organics	
Client ID:	LCSS	Batch	ID: 68	859	F	RunNo: 85	602				
Prep Date:	7/18/2022	Analysis D	ate: 7/	19/2022	5	SeqNo: 31	91341	Units: mg/Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range O	Irganics (DRO)	38	15	50.00	0	76.5	64.4	127			
Surr: DNOP		3.0		5.000		59.3	51.1	141			
Sample ID:	MB-68860	SampT	ype: Me	3LK	Tes	tCode: EP	A Method	8015M/D: Dies	el Range	Organics	
Client ID:	PBS	Batch	ID: 68	860	F	RunNo: 89	602				
Prep Date:	7/18/2022	Analysis D	ate: 7/	19/2022	5	GegNa: 31	91354	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
										THE DESIGN	Gua
Surr: DNOP		5.6		10.00		55.9	51.1	141			Qua
Surr: DNOP Sample ID:	LCS-68860		ype: LC			55.9	51.1	-			Qual
		SampT	ype: LC	\$	Tes	55.9	51.1 A Method	141			Qua
Sample ID:	LCSS	SampT	ID: 68	S 860	Tes F	55.9 tCode: EP	51.1 A Method 642	141			Qua
Sample ID: Client ID:	LCSS	SampT Batch	ate: 7/	\$ 860 20/2022	Tes F	55.9 tCode: EF RunNo: 85 SeqNo: 31	51.1 PA Method 1642 192049	141 8015M/D: Dies Units: %Rec		Organics	Qual

Qualifiers:

• sant Level.

Value exceeds Maximum Contaminant Sample Dikted Dae to Matrix Holding times for preparation or analys Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of range due to dil D H ND PQL S

B Analyte detected in the associated Method Hank E Estimated value J Analyte detected below quantitation limits P Sample pH Not In Range RL Reporting Limit

Page 12 of 15

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: EOG	
Project: Platt Bat	tterv
Sample ID: Ics-68819	SampType: LCS TestCode: EPA Method 8015D: Gasoline Range
Client ID: LCSS	Batch ID: 68819 RunNo: 89553
Prep Date: 7/15/2022	Analysis Date: 7/18/2022 SegNo: 3188815 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO)	23 5.0 25.00 0 93.8 72.3 137
Surr. BFB	1900 1000 185 37.7 212
Sample ID: mb-68819	SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range
Client ID: PBS	Batch ID: 68819 RunNo: 89553
Prep Date: 7/15/2022	Analysis Date: 7/18/2022 SeqNo: 3188816 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO)	ND 5.0
Surr. BFB	890 1000 89.1 37.7 212
Sample ID: mb-68814	SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range
Client ID: PBS	Batch ID: 68814 RunNo: 89576
Prep Date: 7/15/2022	Analysis Date: 7/18/2022 SeqNo: 3189011 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO)	ND 5.0
Surr: BFB	1100 1000 107 37.7 212
Sample ID: Ics-68814	SampType: LCS TestCode: EPA Method 8015D: Gasoline Range
Client ID: LCSS	Batch ID: 68814 RunNo: 89576
Prep Date: 7/15/2022	Analysis Date: 7/18/2022 SegNo: 3189012 Units: mg/Kg
Analyte Gasoline Range Organics (GRO)	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Quai 26 5.0 25.00 0 105 72.3 137
Surr. BFB	2000 1000 197 37.7 212
Sample ID: mb-68831	SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range
Client ID: PBS	Batch ID: 68831 RunNo: 89576
Prep Date: 7/16/2022	Analysis Date: 7/19/2022 SeqNo: 3189059 Units: %Rec
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr. BFB	990 1000 99.2 37.7 212
Openale ID: 1a - anna -	
Sample ID: Ics-68831	SampType: LCS TestCode: EPA Method 8015D: Gasoline Range
Client ID: LCSS	Batch ID: 68831 RunNo: 89576
Prep Date: 7/16/2022	Analysis Date: 7/19/2022 SeqNo: 3189060 Units: %Rec
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: BFB	2100 1000 210 37.7 212

Qualifiers:

Value exceeds Maximum Contamins Sample Diluted Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantative Limit % Recovery outside of range due to it ant Level.

D H ND

- PQL S
- ed in the associated Method Hiank
- B Analyte detected in the aas
 E Estimated value
 J Analyte detected below qu
 P Sample pH Not In Range
 RL. Reporting Limit a titation limits

Page 13 of 15

WO#:

2207651

25-Jul-22

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: EOG										
Project: Platt E	Battery									
Sample ID: Ics-68819	Sampi	Type: LC	s	Tee	stCode: EF	A Method	8021B: Volat	198		
Client ID: LCSS	Batc	h ID: 688	819	F	RunNo: 8	553				
Prep Date: 7/15/2022	Analysis (Date: 7/	18/2022	:	SeqNo: 31	88863	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Benzene	0.81	0.025	1.000	0	80.6	80	120			
Toluene	0.82	0.050	1.000	0	81.7	80	120			
Ethylbenzene	0.81	0.050	1.000	0	81.4	80	120			
Xylenes, Total	2.4	0.10	3.000	0	80.5	80	120			
Surr: 4-Bromofluorobenzene	0.83		1.000		83.4	70	130			
Sample ID: mb-68819	SampT	Type: MB	LK	Tee	stCode: EF	A Method	8021B: Volat	les		
Client ID: PBS	Batc	h ID: 688	819	F	RunNo: 89	553				
Prep Date: 7/15/2022	Analysis (Date: 7/	18/2022	:	SeqNo: 31	88864	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Volume Talal	ND	0.10								
Xylenes, Total		U. IU								
Surr. 4-Bromofluorobenzene	0.82	0.10	1.000		82.1	70	130			
• •	0.82	Type: ME		Tes			130 8021B: Volati	lies		
Surr. 4-Bromofluorobenzene	0.82 Samp1		LK			A Method		lles		
Surr. 4-Bromofluorobenzene Sample ID: mb-68814	0.82 Samp1	Type: MB h ID: 688	ILK 314	F	stCode: EF	PA Method				
Surr: 4-Bromofluorobenzene Sample ID: mb-68814 Client ID: PBS Prep Date: 7/15/2022 Analyte	0.82 Sampi Batc Analysis I Result	Type: MB h ID: 688 Date: 7/1 PQL	ELK 314 18/2022	F	stCode: EF RunNa: 85 SeqNa: 31	PA Method 9576 189074	8021B: Volat		RPDLImit	Qual
Surr: 4-Bromofluorobenzene Sample ID: mb-68814 Client ID: PBS Prep Date: 7/15/2022 Analyte Berzene	0.82 Samp1 Batcl Analysis D Result ND	Type: MB h ID: 688 Date: 7/1 PQL 0.025	ELK 314 18/2022	F	stCode: EF RunNa: 85 SeqNa: 31	PA Method 9576 189074	8021B: Volati Units: mg/K	9	RPDLImit	Qual
Surr: 4-Bromofluorobenzene Sample ID: mb-68814 Client ID: PBS Prep Date: 7/15/2022 Anatyte Benzene Tokiene	0.82 Samp1 Batc Analysis (Result ND ND	Type: MB h ID: 688 Date: 7/1 PQL 0.025 0.050	ELK 314 18/2022	F	stCode: EF RunNa: 85 SeqNa: 31	PA Method 9576 189074	8021B: Volati Units: mg/K	9	RPDLImit	Qual
Surr. 4-Bromofluorobenzene Sample ID: mb-68814 Cilent ID: PBS Prep Date: 7/15/2022 Analyte Berzene Tokene Ethylbenzene	0.82 Samp1 Bato Analysis (Result ND ND ND	Type: MB h ID: 688 Date: 7/1 PQL 0.025 0.050 0.050	ELK 314 18/2022	F	stCode: EF RunNa: 85 SeqNa: 31	PA Method 9576 189074	8021B: Volati Units: mg/K	9	RPDLImit	Qual
Surr. 4-Bromofluorobenzene Sample ID: mb-68814 Client ID: PBS Prep Date: 7/15/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total	0.82 Sampi Batci Analysis I Result ND ND ND	Type: MB h ID: 688 Date: 7/1 PQL 0.025 0.050	ILK 314 18/2022 SPK value	F	stCode: EF RunNa: 85 SegNa: 31 %REC	PA Method 9576 189074 LowLimit	8021B: Volat Units: mg/K HighLimit	9	RPDLImit	Qual
Surr. 4-Bromofluorobenzene Sample ID: mb-68814 Cilent ID: PBS Prep Date: 7/15/2022 Analyte Berzene Tokene Ethylbenzene	0.82 Samp1 Bato Analysis (Result ND ND ND	Type: MB h ID: 688 Date: 7/1 PQL 0.025 0.050 0.050	ELK 314 18/2022	F	stCode: EF RunNa: 85 SeqNa: 31	PA Method 9576 189074	8021B: Volati Units: mg/K	9	RPDLImit	Qual
Surr: 4-Bromofluorobenzene Sample ID: mb-68814 Client ID: PBS Prep Dale: 7/15/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: LCS-68814	0.82 Samp1 Batcl Analysis D Result ND ND ND ND 1.1 Samp1	Type: MB h ID: 688 Date: 7/1 0.025 0.050 0.050 0.10	8LK 814 18/2022 SPK value 1.000 \$	F SPK Ref Val	stCode: EF RunNo: 85 SeqNo: 31 %REC 107 stCode: EF	PA Method 3576 189074 LowLimit 70 PA Method	8021B: Volat Units: mg/K HighLimit	kg %RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene Sample ID: mb-68814 Client ID: PBS Prep Date: 7/15/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene	0.82 Samp1 Batcl Analysis D Result ND ND ND ND 1.1 Samp1	Type: MB h ID: 688 Date: 7/1 0.025 0.050 0.050 0.10	8LK 814 18/2022 SPK value 1.000 \$	F SPK Ref Val	stCode: EF RunNo: 85 SeqNo: 31 %REC 107	PA Method 3576 189074 LowLimit 70 PA Method	8021B: Volat Units: mg/K HighLimit 130	kg %RPD	RPDLimit	Qual
Surr. 4-Bromofluorobenzene Sample ID: mb-68814 Client ID: PBS Prep Date: 7/15/2022 Analyte Benzene Tokuene Ethylbenzene Xylenes, Total Surr. 4-Bromofluorobenzene Sample ID: LCS-68814	0.82 Samp1 Batcl Analysis D Result ND ND ND ND 1.1 Samp1	Type: MB h ID: 688 Date: 7/1 0.025 0.050 0.050 0.10 Type: LC: h ID: 688	RLK 814 18/2022 SPK value 1.000 \$ \$	r SPK Ref Val Tee F	stCode: EF RunNo: 85 SeqNo: 31 %REC 107 stCode: EF	2A Method 19576 189074 LowLimit 70 2A Method 19576	8021B: Volat Units: mg/K HighLimit 130	(g %RPD	RPDLImit	Qual
Surr. 4-Bromofluorobenzene Sample ID: mb-68814 Client ID: PBS Prep Date: 7/15/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr. 4-Bromofluorobenzene Sample ID: LCS-68814 Client ID: LCS-8 Prep Date: 7/15/2022 Analyte	0.82 Sampi Batci Analysis I Result ND ND ND ND 1.1 Sampi Batci Analysis I Result	Type: MB h ID: 688 Date: 7/1 0.025 0.050 0.050 0.10 Type: LC: h ID: 688 Date: 7/1 PQL	RLK 814 18/2022 SPK value 1.000 \$ 814 18/2022 SPK value	r SPK Ref Val Tee SPK Ref Val	stCode: EF RunNo: 85 SeqNo: 3 %REC 107 stCode: EF RunNo: 85 SeqNo: 3 %REC	2A Method 1976 189074 LowLimit 70 2A Method 19576 189075 LowLimit	8021B: Volat Units: mg/K HighLimit 130 8021B: Volat Units: mg/K HighLimit	(g %RPD	RPDLImit	Qual
Surr. 4-Bromofluorobenzene Sample ID: mb-68814 Client ID: PBS Prep Date: 7/15/2022 Analyte Berzene Tokene Ethylbenzene Xylenes, Total Surr. 4-Bromofluorobenzene Sample ID: LCS-68814 Client ID: LCSS Prep Date: 7/15/2022 Analyte Berzene	0.82 Sampi Batci Analysis I Result ND ND ND ND ND 1.1 Sampi Batci Analysis I Result 0.94	Type: MB h ID: 688 Date: 7/1 0.025 0.050 0.050 0.10 Type: LC: h ID: 688 Date: 7/1 PQL 0.025	RLK 814 18/2022 SPK value 1.000 \$ 814 18/2022 SPK value 1.000	SPK Ref Val SPK Ref Val Tee SPK Ref Val 0	stCode: EF RunNo: 85 SeqNo: 31 %REC 107 stCode: EF RunNo: 85 SeqNo: 31 %REC 93.9	24 Method 1976 189074 LowLimit 70 24 Method 19576 189075 LowLimit 80	8021B: Volati Units: mg/K HighLimit 130 8021B: Volati Units: mg/K HighLimit 120	(g %RPD Iles		
Surr. 4-Bromofluorobenzene Sample ID: mb-68814 Client ID: PBS Prep Date: 7/15/2022 Analyte Berzene Tokene Ethylbenzene Xylenes, Total Surr. 4-Bromofluorobenzene Sample ID: LCS-68814 Client ID: LCSS Prep Date: 7/15/2022 Analyte Berzene Tokene Tokene	0.82 Sampi Batci Analysis D ND ND ND ND 1.1 Sampi Batci Analysis D Result 0.94 0.98	Type: MB h ID: 688 Date: 7/1 0.025 0.050 0.050 0.10 Type: LC: h ID: 688 Date: 7/1 PQL 0.025 0.050	RLK 814 18/2022 SPK value 1.000 \$ 814 18/2022 SPK value 1.000 1.000	F SPK Ref Val Ter SPK Ref Val 0 0	stCode: EF RunNo: 85 SeqNo: 31 %REC 107 stCode: EF RunNo: 85 SeqNo: 31 %REC 93.9 97.9	24 Method 1976 189074 LowLimit 70 24 Method 1976 189075 LowLimit 80 80	8021B: Volati Units: mg/K HighLimit 130 8021B: Volati Units: mg/K HighLimit 120 120	(g %RPD Iles		
Surr. 4-Bromofluorobenzene Sample ID: mb-68814 Client ID: PBS Prep Date: 7/15/2022 Analyte Berzene Tokene Ethylbenzene Surr. 4-Bromofluorobenzene Sample ID: LCS-68814 Client ID: LCSS Prep Date: 7/15/2022 Analyte Berzene Tokene Ethylbenzene	0.82 Sampi Bato Analysis D Result ND ND ND ND 1.1 Sampi Bato Analysis D Result 0.94 0.98 0.98	Type: ME h ID: 688 Date: 7/h 0.025 0.050 0.050 0.10 Type: LC h ID: 688 Date: 7/h PQL 0.025 0.050 0.050	RLK 814 18/2022 SPK value 1.000 \$ 814 18/2022 SPK value 1.000 1.000 1.000	F SPK Ref Val Ter SPK Ref Val O 0 0	107 107 107 107 107 107 107 107 107 107	24 Method 3576 189074 LowLimit 70 24 Method 3576 189075 LowLimit 80 80 80	8021B: Volati Units: mg/K HighLimit 130 8021B: Volati Units: mg/K HighLimit 120 120 120	(g %RPD Iles		
Surr: 4-Bromofluorobenzene Sample ID: mb-68814 Client ID: PBS Prep Date: 7/15/2022 Analyte Berezene Tokene Ethylbenzene Xytenes, Total Surr: 4-Bromofluorobenzene Sample ID: LCS-68814 Client ID: LCSS Prep Date: 7/15/2022 Analyte Berezene Tokene Tokene	0.82 Sampi Batci Analysis D ND ND ND ND 1.1 Sampi Batci Analysis D Result 0.94 0.98	Type: MB h ID: 688 Date: 7/1 0.025 0.050 0.050 0.10 Type: LC: h ID: 688 Date: 7/1 PQL 0.025 0.050	RLK 814 18/2022 SPK value 1.000 \$ 814 18/2022 SPK value 1.000 1.000	F SPK Ref Val Ter SPK Ref Val 0 0	stCode: EF RunNo: 85 SeqNo: 31 %REC 107 stCode: EF RunNo: 85 SeqNo: 31 %REC 93.9 97.9	24 Method 1976 189074 LowLimit 70 24 Method 1976 189075 LowLimit 80 80	8021B: Volati Units: mg/K HighLimit 130 8021B: Volati Units: mg/K HighLimit 120 120	(g %RPD Iles		

Qualifiers:

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- D H ND

Value exceeds Maximum Contaminant Sample Dikted Dae to Matrix Holding times for proparation or analys Not Detected at the Reporting Limit Practical Quantative Limit % Recovery outside of range due to dil PQL S

ted in the associated Method Blank

B Analyte detected in the associated Method E Estimated value J Analyte detected below quantitation limits P Sample detected below quantitation limits P Sample detected below RL Reporting Limit

Page 14 of 15

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WO#:

2207651

25-Jul-22

2207651 25-Jul-22

Hall Environmental Analysis Laboratory, Inc.	QC SUMMARY REPORT	WO#:
	Hall Environmental Analysis Laboratory, Inc.	

Client: Project:	EOG Platt Batt	ery									
Sample ID: n	nb-68831	SampT	уре: ме	3LK	Tes	tCode: El	PA Method	8021B: Volati	68		
Client ID: p	BS	Batch	ID: 68	831	F	RunNo: 8	9576				
Prep Date:	7/16/2022	Analysis D	ate: 7/	19/2022	5	GegNo: 3	189098	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Surr: 4-Bromol	fuorobenzene	1.0		1.000		101	70	130			
Sample ID: L	CS-68831	SampT	ype: LC	\$	Tes	tCode: El	PA Method	8021B: Volati	88		
Client ID: L	CSS	Batch	ID: 68	831	F	RunNo: 8	9576				
Prep Date:	7/16/2022	Analysis D	ate: 7/	19/2022	5	SeqNo: 3	189099	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Surr: 4-Bromof	fuorobenzene	1.0		1.000		104	70	130			

Qualifiers:

Value exceeds Maximum Contaminant Sample Dikted Dae to Matrix Holding times for preparation or analys Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of range due to dil • nant Level.

D H ND PQL S

B Analyte detected in the associated Method Illenk
 E Estimated value
 J Analyte detected below quantitation limits
 P Sample Jil Not In Range
 RL. Reporting Limit

Page 15 of 15

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Analysis I 1901 H Allanguergue FEL: MIS-145-3975 FEX: 305 Websile: www.ballaneirona	ookiiar NK NM 87109 Sai 315-4107	mple Log-In Check List
Cliant Name: EOG	Work Order Number: 220765	1	RapiNo: 1
Received By: Juan Rojas	7/14/2022 7:00:00 AM	lifteenste fig Si-li	
Completed By Sean Livingston	7/14/2022 11:20:30 AM	5.7	instru
Reviewed By: 1284 7-14-22	>		~ p=
Chain of Custody			
 Is Chain of Custody complete? 	Yes 🗹	No 🗌	Not Present
2. How was the sample delivered?	Courier		
Log In			
3. Was an attempt made to cool the samples?	Yes 🗸	No 🗌	NA 🗌
4. Were all samples received at a temperature of	f >0" C to 6.0"C Yes 🗹	No 🗌	NA 🗔
Sample(s) in proper container(s)?	Yes 🗹	No 🗌	
Sufficient earnple volume for indicated test(s)?	Yes 🗹	No 🗌	
7. Are samples (except VOA and ONG) property	preserved? Yos 🗹	No 🗌	
8. Was preservative added to bottles?	Yes 🗌	No M	NA
9. Received at least 1 yial with headspace <1/4"	for AO VOA? Yes 🗌	No 🗆	NA 🔽
0. Were any sample containers received broken	Yes 🗆	No 🗹	
			≠ of preserved bottles checked
 Does paperwork match bottle labels? (Note discrepancies on chain of custody) 	Yes 🗹	No 🗌	for pH:
2. Are matrices correctly identified on Chain of C	uslody? Yes 🗹	No 🖂	(<2 or >12 caless note Adjusted?
 Is it clear what analyses were requested? 	Yes M		
4. Word all holding times able to be met?	Yes 🗹	No L	Checked by: - JA 7/14/1
(if no, notify customer for authorization.)	103 121		and an are the the
pecial Handling (if applicable)		-	
5. Was client notified of all discrepancies with th	s order? Yos 🗌	No 🗔	NA 🗹
Porson Notified	Dste:		
By Whom:	Via: eMail	Phone Eax	In Person
Regarding:			
Client Instructions:			And the second se
6. Additional remarks:			
	l Intact Soal No Seal Date	Signed By	
1 2.1 Good		1	

į	Cnair	-01-0	Chain-of-Custody Record	I um-Around	Tum-Around Time: 5-009	600			INH	<u> </u>	NN	NOOT	HALL ENVIDONMENTAL
Client:	204	EOG/WATER	2	2 Standard	@ Rush		ľ,	v		15	N N N		ANAL VETS LADORATORY
				Project Name:	à						2.	Ś	INDIAN
Mailin	Mailing Address:	20	12.14	PIC	PIOLE BOLLON	ha	24	01 Haw	kins N	nallen E - Al		WWW.Hallenvironmental.com 4901 Hawkins NE - Albummenus NM 87100	27100
		1		Project #:			T	Tel 605-345-3975	05.74	75	Support	Eav 505-345-4107	07
Phane #:	#			221	226-00123-014	74			20 01	na	ysia R	Analysis Request	UT
email	email or Fax#:	/		Project Manager.	ijer.					°0		(H	
QAVOC T Sta	QA/OC Package/	1	Level 4 (Full Validation)	Man	MONICA PEPPIN	UN	208) s		SMIS	PO4. S		rəsdA\dı	
Accret	Accreditation.		Az Compliance	Sampler:	6			280	_	-20		uaso	
	D NELAC	L Other		On loe:	Yes .	C No		8/8	3 JO	1.4.4.4			
DED	(Type)			# of Coolers:	1	Contraction of the second		өр	01	^c Ol			
				Cooler Temparaking chil	Inclusing CFL	00) 1-C=2-040	цм	ojjse	83 Å		(∀0,	2.62	
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	(XBTE 08:H9J	EDB (W	d eHA9	ARA E	v) oase	S) 0728 O letol	
7/16	9:30	7/12 9:30 50:1		204	224	12	5	1	1		3		
-	9:35	~	BH27-10 2'	-	•	200				-			
_	9:40	-	BHZZ-10 4'	-		5				-			
	50.05		1			100				-			
	9.55		BHEZ-11 4'			3				-	\square		
-	2:00	-	BHIEN 15'			200				-		F	
	1:00		BHZZHE O'			t A				-	-		
	1.10		BH22-12 41			8			E	-		-	
	1:20	_	81125-12 7'			505				-			
Date	Time	Relinquished by:		Received by:	Via:	Jute Tine	Remarks:		040	CO: Chane Nixon			
Deve	Thera	Dulling		A CANAL	المحكم	~				A	1	S.,	
1000	Kin.		1	RECEIVED DY.		via: · · · · · · · · · · · · · · · · · · ·		10	210	or rece and a cost)		

Hall Environmental Analysi	s Laboratory,	Inc.				Analytical Report Lab Order 2207816 Date Reported:	
CLIENT: EOG						£22-16 0'	
Project: Platt Battery Lab ID: 2207816-001	Matrix: SOIL	•				14/2022 9:00:00 AM 16/2022 10:15:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: CAS
Chloride	5900	300		mg/Kg	100	0 7/22/2022 8:46:25 AM	68957
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst	: SB
Diesel Range Organics (DRO)	7900	740		mg/Kg	50	7/21/2022 7:21:19 PM	68897
Motor Oli Range Organics (MRO)	9200	2500		mg/Kg	50	7/21/2022 7:21:19 PM	68897
Sur: DNOP	0	51.1-141	S	%Rec	50	7/21/2022 7:21:19 PM	68897
EPA METHOD 8015D: GASOLINE RANG	GE					Analyst	BRM
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	7/20/2022 9:27:00 PM	68881
Sum BFB	92.7	37.7-212		%Rec	5	7/20/2022 9:27:00 PM	68881
EPA METHOD 8021B: VOLATILES						Analyst	BRM
Benzene	ND	0.12		mg/Kg	5	7/20/2022 9:27:00 PM	68881
Toluene	ND	0.24		mg/Kg	5	7/20/2022 9:27:00 PM	68881
Ethylbenzene	ND	0.24		mg/Kg	5	7/20/2022 9:27:00 PM	68881
Xylenes, Total	ND	0.49		mg/Kg	5	7/20/2022 9:27:00 PM	68881
Surr: 4-Bromofluorobenzene	89.0	70-130		%Rec	5	7/20/2022 9:27:00 PM	68881

Qualifiers:

- Value encoeds Maximum Contaminant Level.
 D Sample Diluted Dae to Matrix
 H Holding times for preparation or analysis encoeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative Limit
 S % Recovery outside of range due to dilution or matrix interfa
- Analyte detected in the associated Method Blank в
- Electronated value
 E Estimated value
 E Estimated value
 J Analyte detected below quantitation limits
 P Sample pH Not In Range
 RL. Reporting Limit

Page 1 of 0

Hall Environmental Analysis	Laboratory,	Inc.			Analytical Report Lab Order 2207816 Date Reported:	
CLIENT: EOG			ient Sample II			
Project: Platt Battery Lab ID: 2207816-002	Matrix: SOIL				14/2022 9:05:00 AM 16/2022 10:15:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: CAS
Chioride	5700	300	mg/Kg	10	0 7/22/2022 8:58:46 AM	68957
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/21/2022 3:46:00 AM	68897
Motor OII Range Organics (MRO)	ND	48	mg/Kg	1	7/21/2022 3:46:00 AM	68897
Sur: DNOP	66.1	51.1-141	%Rec	1	7/21/2022 3:46:00 AM	68897
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/20/2022 9:46:00 PM	68881
Sur: BFB	90.3	37.7-212	%Rec	1	7/20/2022 9:46:00 PM	68881
EPA METHOD 8021B: VOLATILES					Analyst	BRM
Benzene	ND	0.024	mg/Kg	1	7/20/2022 9:46:00 PM	68881
Toluene	ND	0.048	mg/Kg	1	7/20/2022 9:46:00 PM	68881
Ethylbenzene	ND	0.048	mg/Kg	1	7/20/2022 9:46:00 PM	68881
Xylenes, Total	ND	0.097	mg/Kg	1	7/20/2022 9:46:00 PM	68881
Surr: 4-Bromofluorobenzene	87.9	70-130	%Rec	1	7/20/2022 9:46:00 PM	68881

Qualifiers:

- Value encoeds Maximum Contaminant Level.
 D Sample Diluted Dae to Matrix
 H Holding times for preparation or analysis encoeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative Limit
 S % Recovery outside of range due to dilution or matrix interfa
- Analyte detected in the associated Method Blank в
- Electronated value
 E Estimated value
 E Estimated value
 J Analyte detected below quantitation limits
 P Sample pH Not In Range
 RL. Reporting Limit

Page 2 of 0

Hall Environmental Analysis	Laboratory,	Inc.			Analytical Report Lab Order 2207816 Date Reported:	
CLIENT: EOG Project: Platt Battery			ient Sample II		H22-16 4' 14/2022 9:10:00 AM	
Project: Platt Battery Lab ID: 2207816-003	Matrix: SOIL				16/2022 9:10:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: CAS
Chloride	5200	300	mg/Kg	10	0 7/22/2022 9:11:07 AM	68957
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: ED
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/21/2022 3:59:38 AM	68897
Motor Oli Range Organics (MRO)	ND	50	mg/Kg	1	7/21/2022 3:59:38 AM	68897
Sur: DNOP	66.6	51.1-141	%Rec	1	7/21/2022 3:59:38 AM	68897
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/20/2022 10:06:00 PM	68881
Sur: BFB	92.0	37.7-212	%Rec	1	7/20/2022 10:06:00 PM	68881
EPA METHOD 8021B: VOLATILES					Analyst	BRM
Benzene	ND	0.025	mg/Kg	1	7/20/2022 10:06:00 PM	68881
Toluene	ND	0.050	mg/Kg	1	7/20/2022 10:06:00 PM	68881
Ethylbenzene	ND	0.050	mg/Kg	1	7/20/2022 10:06:00 PM	68881
Xylenes, Total	ND	0.099	mg/Kg	1	7/20/2022 10:06:00 PM	
Surr. 4-Bromofluorobenzene	91.0	70-130	%Rec	1	7/20/2022 10:06:00 PM	68881

Qualifiers:

- Value encoeds Maximum Contaminant Level.
 D Sample Diluted Dae to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative Limit
 S % Recovery outside of range due to dilution or matrix interfe
- Analyte detected in the associated Method Blank в
- Electronated value
 E Estimated value
 E Estimated value
 J Analyte detected below quantitation limits
 P Sample pH Not In Range
 RL. Reporting Limit

- Page 3 of 0

Hall Environmental Analysi	is Laboratory,	Inc.				Analytical Report Lab Order 2207816 Date Reported:	
CLIENT: EOG						22-17 0'	
Project: Platt Battery Lab ID: 2207816-004	Collection Date: 7/14/2022 9:30:00 AM Matrix: SOIL Received Date: 7/16/2022 10:15:00 AM						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t CAS
Chioride	9500	600		mg/Kg	200	7/22/2022 9:23:28 AM	68957
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analys	t SB
Diesel Range Organics (DRO)	5800	1500		mg/Kg	100	7/20/2022 9:33:48 PM	68897
Motor Oli Range Organics (MRO)	6500	4900		mg/Kg	100	7/20/2022 9:33:48 PM	68897
Sur: DNOP	0	51.1-141	S	%Rec	100	7/20/2022 9:33:48 PM	68897
EPA METHOD 8015D: GASOLINE RAN	GE					Analys	t BRM
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	7/20/2022 10:26:00 PM	68881
Sur: BFB	93.3	37.7-212		%Rec	5	7/20/2022 10:26:00 PM	68881
EPA METHOD 8021B: VOLATILES						Analys	t BRM
Benzene	ND	0.12		mg/Kg	5	7/20/2022 10:26:00 PM	68881
Toluene	ND	0.25		mg/Kg	5	7/20/2022 10:26:00 PM	68881
Ethylbenzene	ND	0.25		mg/Kg	5	7/20/2022 10:26:00 PM	
Xylenes, Total	ND	0.50		mg/Kg	5	7/20/2022 10:26:00 PM	
Surr. 4-Bromofiuorobenzene	89.3	70-130		%Rec	5	7/20/2022 10:26:00 PM	68881

Qualifiers:

- Value encoeds Maximum Contaminant Level.
 D Sample Diluted Dae to Matrix
 H Holding times for preparation or analysis encoeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative Limit
 S % Recovery outside of range due to dilution or matrix interfa
- Analyte detected in the associated Method Blank в
- Electronated value
 E Estimated value
 E Estimated value
 J Analyte detected below quantitation limits
 P Sample pH Not In Range
 RL. Reporting Limit

Page 4 of 0

Hall Environmental Analysi	s Laboratory,	Inc.				Analytical Report Lab Order 2207816 Date Reported:	
CLIENT: EOG						122-17 2'	
Project: Platt Battery Lab ID: 2207816-005	Collection Date: 7/14/2022 9:35:00 AM Matrix: SOIL Received Date: 7/16/2022 10:15:00 AM						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: CAS
Chioride	5900	300		mg/Kg	100	7/22/2022 9:35:48 AM	68957
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst	: SB
Diesel Range Organics (DRO)	7100	720		mg/Kg	50	7/21/2022 6:09:46 PM	68897
Motor OII Range Organics (MRO)	8600	2400		mg/Kg	50	7/21/2022 6:09:46 PM	68897
Sur: DNOP	0	51.1-141	S	%Rec	50	7/21/2022 6:09:46 PM	68897
EPA METHOD 8015D: GASOLINE RAN	GE					Analyst	BRM
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	7/20/2022 10:46:00 PM	68881
Sur: BFB	93.7	37.7-212		%Rec	5	7/20/2022 10:46:00 PM	68881
EPA METHOD 8021B: VOLATILES						Analyst	BRM
Benzene	ND	0.12		mg/Kg	5	7/20/2022 10:46:00 PM	68881
Toluene	ND	0.25		mg/Kg	5	7/20/2022 10:46:00 PM	68881
Ethylbenzene	ND	0.25		mg/Kg	5	7/20/2022 10:46:00 PM	68881
Xylenes, Total	ND	0.50		mg/Kg	5	7/20/2022 10:46:00 PM	68881
Surr: 4-Bromofluorobenzene	90.5	70-130		%Rec	5	7/20/2022 10:46:00 PM	68881

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Qualifiers:

- Value encoeds Maximum Contaminant Level.
 D Sample Diluted Dae to Matrix
 H Holding times for preparation or analysis encoeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative Limit
 S % Recovery outside of range due to dilution or matrix interfa

Page 5 of 0

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Analyte detected in the associated Method Blank

Electronated value
 E Estimated value
 E Estimated value
 J Analyte detected below quantitation limits
 P Sample pH Not In Range
 RL. Reporting Limit

Released to Imaging: 12/29/2023 7:55:04 AM

Hall Environmental Analysi	is Laboratory,	Inc.			Lab Order 2207816 Date Reported:		
CLIENT: EOG		Cli	ient Sample II	D: BH	122-17 4		
Project: Platt Battery	Collection Date: 7/14/2022 9:40:00 AM						
Lab ID: 2207816-006	Matrix: SOIL Received Date: 7/16/2022 10:15:00 AM						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	: CAS	
Chioride	6000	300	mg/Kg	100	7/22/2022 9:48:09 AM	68957	
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	: SB	
Diesel Range Organics (DRO)	91	15	mg/Kg	1	7/21/2022 2:35:13 PM	68897	
Motor Oli Range Organics (MRO)	98	50	mg/Kg	1	7/21/2022 2:35:13 PM	68897	
Sur: DNOP	104	51.1-141	%Rec	1	7/21/2022 2:35:13 PM	68897	
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	BRM	
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/20/2022 11:06:00 PM	68881	
Sur: BFB	92.3	37.7-212	%Rec	1	7/20/2022 11:06:00 PM	68881	
EPA METHOD 8021B: VOLATILES					Analyst	BRM	
Benzene	ND	0.025	mg/Kg	1	7/20/2022 11:06:00 PM	68881	
Toluene	ND	0.049	mg/Kg	1	7/20/2022 11:06:00 PM	68881	
Ethylbenzene	ND	0.049	mg/Kg	1	7/20/2022 11:06:00 PM	68881	
Xylenes, Total	ND	0.098	mg/Kg	1	7/20/2022 11:06:00 PM	68881	
Surr: 4-Bromofluorobenzene	91.9	70-130	%Rec	1	7/20/2022 11:06:00 PM	68881	

Qualifiers:

- Value encoeds Maximum Contaminant Level.
 D Sample Diluted Dae to Matrix
 H Holding times for preparation or analysis encoeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative Limit
 S % Recovery outside of range due to dilution or matrix interfa

Page 6 of 0

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Analytical Report

Electronated value
 E Estimated value
 E Estimated value
 J Analyte detected below quantitation limits
 P Sample pH Not In Range
 RL. Reporting Limit

в

Analyte detected in the associated Method Blank

Hall Environmental Analysi	is Laboratory,	Inc.			Lab Order 2207816 Date Reported:		
CLIENT: EOG		Cl	ient Sample II	D: BH	122-18 0'		
Project: Platt Battery	Collection Date: 7/14/2022 9:45:00 AM						
Lab ID: 2207816-007	Matrix: SOIL Received Date: 7/16/2022 10:15:00 AM						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	CAS	
Chioride	9700	300	mg/Kg	100	7/22/2022 10:00:29 AM	68957	
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	SB	
Diesel Range Organics (DRO)	30	13	mg/Kg	1	7/21/2022 1:23:49 PM	68897	
Motor Oll Range Organics (MRO)	ND	44	mg/Kg	1	7/21/2022 1:23:49 PM	68897	
Sur: DNOP	91.4	51.1-141	%Rec	1	7/21/2022 1:23:49 PM	68897	
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	BRM	
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/20/2022 11:25:00 PM	68881	
Sur: BFB	91.2	37.7-212	%Rec	1	7/20/2022 11:25:00 PM	68881	
EPA METHOD 8021B: VOLATILES					Analyst	BRM	
Benzene	ND	0.025	mg/Kg	1	7/20/2022 11:25:00 PM	68881	
Toluene	ND	0.050	mg/Kg	1	7/20/2022 11:25:00 PM	68881	
Ethylbenzene	ND	0.050	mg/Kg	1	7/20/2022 11:25:00 PM	68881	
Xylenes, Total	ND	0.099	mg/Kg	1	7/20/2022 11:25:00 PM	68881	
Surr. 4-Bromofluorobenzene	89.3	70-130	%Rec	1	7/20/2022 11:25:00 PM	68881	

Qualifiers:

- Value encoeds Maximum Contaminant Level.
 D Sample Diluted Dae to Matrix
 H Holding times for preparation or analysis encoeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative Limit
 S % Recovery outside of range due to dilution or matrix interfa
- Analyte detected in the associated Method Blank в

Analytical Report

- Electronated value
 E Estimated value
 E Estimated value
 J Analyte detected below quantitation limits
 P Sample pH Not In Range
 RL. Reporting Limit

Page 7 of 0

Hall Environmental Analys	sis Laboratory,	Inc.			Lab Order 2207816 Date Reported:		
CLIENT: EOG		Clie	ent Sample II	D: BH	122-18 2'		
Project: Platt Battery	Collection Date: 7/14/2022 9:50:00 AM						
Lab ID: 2207816-008	Matrix: SOIL Received Date: 7/16/2022 10:15:00 AM						
Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	CAS	
Chioride	5500	300	mg/Kg	100	7/22/2022 10:45:56 AM	68957	
EPA METHOD 8015M/D: DIESEL RAN	IGE ORGANICS				Analyst	ED	
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/21/2022 4:13:01 AM	68897	
Motor OII Range Organics (MRO)	ND	48	mg/Kg	1	7/21/2022 4:13:01 AM	68897	
Sur: DNOP	65.8	51.1-141	%Rec	1	7/21/2022 4:13:01 AM	68897	
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst	BRM	
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/21/2022 12:05:00 AM	68881	
Sur: BFB	93.9	37.7-212	%Rec	1	7/21/2022 12:05:00 AM	68881	
EPA METHOD 8021B: VOLATILES					Analyst	BRM	
Benzene	ND	0.025	mg/Kg	1	7/21/2022 12:05:00 AM	68881	
Toluene	ND	0.050	mg/Kg	1	7/21/2022 12:05:00 AM	68881	
Ethylbenzene	ND	0.050	mg/Kg	1	7/21/2022 12:05:00 AM	68881	
Xylenes, Total	ND	0.10	mg/Kg	1	7/21/2022 12:05:00 AM		
Surr. 4-Bromofluorobenzene	90.7	70-130	%Rec	1	7/21/2022 12:05:00 AM	68881	

Qualifiers:

- Value encoeds Maximum Contaminant Level.
 D Sample Diluted Dae to Matrix
 H Holding times for preparation or analysis encoeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative Limit
 S % Recovery outside of range due to dilution or matrix interfa
- Analyte detected in the associated Method Blank в

Analytical Report

- E Estimated value E Estimated value J Analyte detected below quantitation limits P Sample pH Not In Range RL Reporting Limit

Page 8 of 0

Hall Environmental Analysi	is Laboratory,	Inc.			Lab Order 2207816 Date Reported:	
CLIENT: EOG		Cl	ient Sample II	D: BH	£22-18 4'	
Project: Platt Battery	Collection Date: 7/14/2022 9:55:00 AM					
Lab ID: 2207816-009	Matrix: SOIL Received Date: 7/16/2022 10:15:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chioride	4100	150	mg/Kg	50	7/22/2022 10:58:17 AM	68957
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst:	ED
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/21/2022 4:26:25 AM	68897
Motor Oll Range Organics (MRO)	ND	48	mg/Kg	1	7/21/2022 4:26:25 AM	68897
Sur: DNOP	64.7	51.1-141	%Rec	1	7/21/2022 4:26:25 AM	68897
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst:	BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/21/2022 12:25:00 AM	68881
Sur: BFB	93.5	37.7-212	%Rec	1	7/21/2022 12:25:00 AM	68881
EPA METHOD 8021B: VOLATILES					Analyst:	BRM
Benzene	ND	0.025	mg/Kg	1	7/21/2022 12:25:00 AM	68881
Toluene	ND	0.050	mg/Kg	1	7/21/2022 12:25:00 AM	68881
Ethylbenzene	ND	0.050	mg/Kg	1	7/21/2022 12:25:00 AM	68881
Xylenes, Total	ND	0.099	mg/Kg	1	7/21/2022 12:25:00 AM	
Surr. 4-Bromofluorobenzene	91.9	70-130	%Rec	1	7/21/2022 12:25:00 AM	68881

Qualifiers:

- Value encoeds Maximum Contaminant Level.
 D Sample Diluted Dae to Matrix
 H Holding times for preparation or analysis encoeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative Limit
 S % Recovery outside of range due to dilution or matrix interfa
- Analyte detected in the associated Method Blank в

Analytical Report

- Electronated value
 E Estimated value
 E Estimated value
 J Analyte detected below quantitation limits
 P Sample pH Not In Range
 RL. Reporting Limit

Page 9 of 0

Hall E	nvironmental Analy	sis Laboratory,	Inc.			Lab Order 2207816 Date Reported:		
CLIENT:	EOG		Clie	ent Sample II): BH	122-19 0'		
Project:	Platt Battery	Collection Date: 7/14/2022 2:00:00 PM						
Lab ID:	2207816-010	Matrix: SOIL	F	Received Dat	e: 7/1	6/2022 10:15:00 AM		
Analyses	1	Result	RL (Qual Units	DF	Date Analyzed	Batch	
EPA MET	THOD 300.0: ANIONS					Analyst	NAI	
Chloride	ł.	1800	60	mg/Kg	20	7/21/2022 5:33:20 PM	68968	
EPA MET	THOD 8015M/D: DIESEL RAM	NGE ORGANICS				Analyst:	ED	
Diesel R	ange Organics (DRO)	ND	13	mg/Kg	1	7/21/2022 4:09:38 PM	68897	
Motor O	I Range Organics (MRO)	ND	43	mg/Kg	1	7/21/2022 4:09:38 PM	68897	
Sur: I	DNOP	120	51.1-141	%Rec	1	7/21/2022 4:09:38 PM	68897	
EPA MET	THOD 8015D: GASOLINE RA	NGE				Analyst:	BRM	
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	7/21/2022 12:44:00 AM	68881	
Sur: I	BFB	92.2	37.7-212	%Rec	1	7/21/2022 12:44:00 AM	68881	
EPA MET	THOD 8021B: VOLATILES					Analyst:	BRM	
Benzene	•	ND	0.025	mg/Kg	1	7/21/2022 12:44:00 AM	68881	
Toluene		ND	0.049	mg/Kg	1	7/21/2022 12:44:00 AM	68881	
Ethylben	izene	ND	0.049	mg/Kg	1	7/21/2022 12:44:00 AM	68881	
Xylenes,	Total	ND	0.099	mg/Kg	1	7/21/2022 12:44:00 AM	68881	
Sur: 4	4-Bromofluorobenzene	90.2	70-130	%Rec	1	7/21/2022 12:44:00 AM	68881	

Qualifiers:

- Value encoeds Maximum Contaminant Level.
 D Sample Diluted Dae to Matrix
 H Holding times for preparation or analysis encoeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative Limit
 S % Recovery outside of range due to dilution or matrix interfa
- Analyte detected in the associated Method Blank ntitation limite

Analytical Report

- E Estimated value J Anabite detected below qua P Sample pH Not In Range RL. Reporting Limit

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Page 10 of 0

Hall Environmental Analysis	Laboratory,	Inc.			Analytical Report Lab Order 2207816 Date Reported:	
CLIENT: EOG			ient Sample II			
Project: Platt Battery Lab ID: 2207816-011	Collection Date: 7/14/2022 2:05:00 PM Matrix: SOIL Received Date: 7/16/2022 10:15:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	2500	150	mg/Kg	50	7/22/2022 11:10:37 AM	68968
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/21/2022 4:53:12 AM	68897
Motor Oli Range Organics (MRO)	ND	47	mg/Kg	1	7/21/2022 4:53:12 AM	68897
Sur: DNOP	61.5	51.1-141	%Rec	1	7/21/2022 4:53:12 AM	68897
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/21/2022 1:04:00 AM	68881
Sur: BFB	94.8	37.7-212	%Rec	1	7/21/2022 1:04:00 AM	68881
EPA METHOD 8021B: VOLATILES					Analyst	BRM
Benzene	ND	0.024	mg/Kg	1	7/21/2022 1:04:00 AM	68881
Toluene	ND	0.049	mg/Kg	1	7/21/2022 1:04:00 AM	68881
Ethylbenzene	ND	0.049	mg/Kg	1	7/21/2022 1:04:00 AM	68881
Xylenes, Total	ND	0.098	mg/Kg	1	7/21/2022 1:04:00 AM	68881
Surr: 4-Bromofluorobenzene	90.4	70-130	%Rec	1	7/21/2022 1:04:00 AM	68881

в

Qualifiers:

- Value encoeds Maximum Contaminant Level.
 D Sample Diluted Dae to Matrix
 H Holding times for preparation or analysis encoeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative Limit
 S % Recovery outside of range due to dilution or matrix interfa

Page 11 of 0

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Electronated value
 E Estimated value
 E Estimated value
 J Analyte detected below quantitation limits
 P Sample pH Not In Range
 RL. Reporting Limit

Analyte detected in the associated Method Blank

Hall Environmental Analysis	Laboratory,	Inc.			Analytical Report Lab Order 2207816 Date Reported:	
CLIENT: EOG			ient Sample II			
Project: Platt Battery Lab ID: 2207816-012	Collection Date: 7/14/2022 2:10:00 PM Matrix: SOIL Received Date: 7/16/2022 10:15:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	2200	150	mg/Kg	50	7/22/2022 11:22:58 AM	68968
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/21/2022 5:06:39 AM	68897
Motor OII Range Organics (MRO)	ND	49	mg/Kg	1	7/21/2022 5:06:39 AM	68897
Sur: DNOP	61.6	51.1-141	%Rec	1	7/21/2022 5:06:39 AM	68897
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/21/2022 1:24:00 AM	68881
Sur: BFB	91.2	37.7-212	%Rec	1	7/21/2022 1:24:00 AM	68881
EPA METHOD 8021B: VOLATILES					Analyst	BRM
Benzene	ND	0.025	mg/Kg	1	7/21/2022 1:24:00 AM	68881
Toluene	ND	0.050	mg/Kg	1	7/21/2022 1:24:00 AM	68881
Ethylbenzene	ND	0.050	mg/Kg	1	7/21/2022 1:24:00 AM	68881
Xylenes, Total	ND	0.10	mg/Kg	1	7/21/2022 1:24:00 AM	68881
Surr: 4-Bromofluorobenzene	89.2	70-130	%Rec	1	7/21/2022 1:24:00 AM	68881

Qualifiers:

- Value encoeds Maximum Contaminant Level.
 D Sample Diluted Dae to Matrix
 H Holding times for preparation or analysis encoeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative Limit
 S % Recovery outside of range due to dilution or matrix interfa
- Analyte detected in the associated Method Blank в
- Electronated value
 E Estimated value
 E Estimated value
 J Analyte detected below quantitation limits
 P Sample pH Not In Range
 RL. Reporting Limit

Page 12 of 0

Hall Environmental Analysi	is Laboratory,	Inc.				Analytical Report Lab Order 2207816 Date Reported:	
CLIENT: EOG						£22-20 0'	
Project: Platt Battery	Collection Date: 7/14/2022 2:15:00 PM						
Lab ID: 2207816-013	Matrix: SOIL		Recei	ved Dat	e:7/1	6/2022 10:15:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t NAI
Chioride	950	60		mg/Kg	20	7/21/2022 6:35:22 PM	68968
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analys	t SB
Diesel Range Organics (DRO)	640	140		mg/Kg	10	7/20/2022 9:10:05 PM	68897
Motor Oli Range Organics (MRO)	1000	460		mg/Kg	10	7/20/2022 9:10:05 PM	68897
Sur: DNOP	0	51.1-141	S	%Rec	10	7/20/2022 9:10:05 PM	68897
EPA METHOD 8015D: GASOLINE RAN	GE					Analys	t BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/21/2022 1:43:00 AM	68881
Sur: BFB	89.8	37.7-212		%Rec	1	7/21/2022 1:43:00 AM	68881
EPA METHOD 8021B: VOLATILES						Analys	t BRM
Benzene	ND	0.025		mg/Kg	1	7/21/2022 1:43:00 AM	68881
Toluene	ND	0.050		mg/Kg	1	7/21/2022 1:43:00 AM	68881
Ethylbenzene	ND	0.050		mg/Kg	1	7/21/2022 1:43:00 AM	68881
Xylenes, Total	ND	0.099		mg/Kg	1	7/21/2022 1:43:00 AM	68881
Surr. 4-Bromofiuorobenzene	89.5	70-130		%Rec	1	7/21/2022 1:43:00 AM	68881

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Qualifiers:

- Value encoeds Maximum Contaminant Level.
 D Sample Diluted Dae to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative Limit
 S % Recovery outside of range due to dilution or matrix interfe

Page 13 of 0

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Analyte detected in the associated Method Blank

Electronated value
 E Estimated value
 E Estimated value
 J Analyte detected below quantitation limits
 P Sample pH Not In Range
 RL. Reporting Limit

Released to Imaging: 12/29/2023 7:55:04 AM

Hall Environmental Analys	is Laboratory,	Inc.			Lab Order 2207816 Date Reported:	
CLIENT: EOG		Clie	nt Sample II	D: BH	122-20 2'	
Project: Platt Battery	Collection Date: 7/14/2022 2:20:00 PM					
Lab ID: 2207816-014	Matrix: SOIL	F	Received Dat	e: 7/1	6/2022 10:15:00 AM	
Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chioride	1600	60	mg/Kg	20	7/21/2022 6:47:47 PM	68968
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	: ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/21/2022 5:20:02 AM	68897
Motor OII Range Organics (MRO)	ND	47	mg/Kg	1	7/21/2022 5:20:02 AM	68897
Sur: DNOP	65.6	51.1-141	%Rec	1	7/21/2022 5:20:02 AM	68897
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/21/2022 2:03:00 AM	68881
Sur: BFB	89.3	37.7-212	%Rec	1	7/21/2022 2:03:00 AM	68881
EPA METHOD 8021B: VOLATILES					Analyst	BRM
Benzene	ND	0.025	mg/Kg	1	7/21/2022 2:03:00 AM	68881
Toluene	ND	0.049	mg/Kg	1	7/21/2022 2:03:00 AM	68881
Ethylbenzene	ND	0.049	mg/Kg	1	7/21/2022 2:03:00 AM	68881
Xylenes, Total	ND	0.099	mg/Kg	1	7/21/2022 2:03:00 AM	68881
Surr. 4-Bromofluorobenzene	89.1	70-130	%Rec	1	7/21/2022 2:03:00 AM	68881

Qualifiers:

- Value encoeds Maximum Contaminant Level.
 D Sample Diluted Dae to Matrix
 H Holding times for preparation or analysis encoeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative Limit
 S % Recovery outside of range due to dilution or matrix interfa
- Analyte detected in the associated Method Blank в
- E Estimated value E Estimated value J Analyte detected below quantitation limits P Sample pH Not In Range RL Reporting Limit

Page 14 of 0

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Analytical Report

Hall Environmental Analys	is Laboratory,	Inc.			Lab Order 2207816 Date Reported:	
CLIENT: EOG		Clie	nt Sample II	D: BH	122-20 4'	
Project: Platt Battery	Collection Date: 7/14/2022 2:25:00 PM					
Lab ID: 2207816-015	Matrix: SOIL Received Date: 7/16/2022 10:15:00 AM					
Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	NAI
Chloride	1500	60	mg/Kg	20	7/21/2022 7:00:11 PM	68968
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	ED
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/21/2022 5:33:23 AM	68897
Motor OII Range Organics (MRO)	ND	49	mg/Kg	1	7/21/2022 5:33:23 AM	68897
Sur: DNOP	60.1	51.1-141	%Rec	1	7/21/2022 5:33:23 AM	68897
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst	BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/21/2022 2:23:00 AM	68881
Sur: BFB	95.1	37.7-212	%Rec	1	7/21/2022 2:23:00 AM	68881
EPA METHOD 8021B: VOLATILES					Analyst	BRM
Benzene	ND	0.025	mg/Kg	1	7/21/2022 2:23:00 AM	68881
Toluene	ND	0.050	mg/Kg	1	7/21/2022 2:23:00 AM	68881
Ethylbenzene	ND	0.050	mg/Kg	1	7/21/2022 2:23:00 AM	68881
Xylenes, Total	ND	0.099	mg/Kg	1	7/21/2022 2:23:00 AM	68881
Surr. 4-Bromofluorobenzene	92.6	70-130	%Rec	1	7/21/2022 2:23:00 AM	68881

в

Qualifiers:

- Value encoeds Maximum Contaminant Level.
 D Sample Diluted Dae to Matrix
 H Holding times for preparation or analysis encoeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative Limit
 S % Recovery outside of range due to dilution or matrix interfa

ntitation limite

Analytical Report

E Estimated value J Anabite detected below qua P Sample pH Not In Range RL. Reporting Limit

Analyte detected in the associated Method Blank

Page 15 of 0

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Released to Imaging: 12/29/2023 7:55:04 AM



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Websitie: www.hallenvironmental.com

October 17, 2022

Michael Moffitt Vertex Resources Services, Inc. 3101 Boyd Drive Carlsbad, NM 88220 TEL: (505) 506-0040 FAX:

RE: Platt PA Tank Battery

OrderNo.: 2210001

Dear Michael Moffitt:

Hall Environmental Analysis Laboratory received 14 sample(s) on 10/1/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

-01 0-4' 22 1:15:00 PM 22 9:00:00 AM Date Analyzed
22 9:00:00 AM
Date Analyzed
Dute many rea
Analyst: DGH
10/7/2022 1:13:54 PM
10/7/2022 1:13:54 PM
10/7/2022 1:13:54 PM
Analyst: RAA
10/4/2022 3:47:02 PM
10/4/2022 3:47:02 PM
Analyst: RAA
10/4/2022 3:47:02 PM
Analyst: JTT
10/7/2022 7:08:00 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times the preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 POL Practical Quantizative Limit
 S % Recovery outside of mage due to dilution or matrix interf
- B Analyte detected in the associated Method Blank E Estimated value J Analyte detected below quantitation limits P Sample JI Not In Range RL. Reporting Limit

- Page 1 of 18

Hall Environmental Analysis Laboratory, In			Analytical Report Lab Order 2210001 C. Date Reported: 10/17/2022				
CLIENT: Vertex Resources Services, Inc.	Client Sample ID: WES22-02 0-4'						
Project: Platt PA Tank Battery Lab ID: 2210001-002	Matrix: SOIL	Collection Date: 9/27/2022 1:20:00 PM Matrix: SOIL Received Date: 10/1/2022 9:00:00 AM					
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
EPA METHOD 8015M/D: DIESEL RANGE	E ORGANICS					Analyst: DGH	
Diesel Range Organics (DRO)	2700	720		mg/Kg	50	10/6/2022 6:10:48 PM	
Motor OII Range Organics (MRO)	3800	2400		mg/Kg	50	10/6/2022 6:10:48 PM	
Sur: DNOP	0	21-129	S	%Rec	50	10/6/2022 6:10:48 PM	
EPA METHOD 8015D: GASOLINE RANG	ε					Analyst: RAA	
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	10/4/2022 4:10:28 PM	
Surr: BFB	92.9	37.7-212		%Rec	5	10/4/2022 4:10:28 PM	
EPA METHOD 8021B: VOLATILES						Analyst: RAA	
Benzene	ND	0.12		mg/Kg	5	10/4/2022 4:10:28 PM	
Toluene	ND	0.25		mg/Kg	5	10/4/2022 4:10:28 PM	
Ethylbenzene	ND	0.25		mg/Kg	5	10/4/2022 4:10:28 PM	
Xylenes, Total	ND	0.49		mg/Kg	5	10/4/2022 4:10:28 PM	
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	5	10/4/2022 4:10:28 PM	
EPA METHOD 300.0: ANIONS						Analyst: JTT	
Chloride	5100	150		mg/Kg	50	10/7/2022 7:20:24 PM	

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 POL. Practical Quantitative Limit
 \$ % Recovery outside of range due to dilution or matrix interf
- B Analyte detected in the associated Method Blank E Estimated value J Analyte detected below quantitation limits P Sample JI Not In Range RL. Reporting Limit

- Page 2 of 18

Hall Environmental Analysis	Laboratory, II	nc.		La	nalytical Report b Order 2210001 te Reported: 10/17/2022
CLIENT: Vertex Resources Services, Inc	-	Client S	ample ID:	WES2	22-03 0-4'
Project: Platt PA Tank Battery		Collec	tion Date:	9/27/2	2022 1:25:00 PM
Lab ID: 2210001-003	Matrix: SOIL	Recei	ived Date:	10/1/2	022 9:00:00 AM
Analyses	Result	RL Qua	ul Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst: DGH
Diesel Range Organics (DRO)	510	72	mg/Kg	5	10/7/2022 1:45:35 PM
Motor OII Range Organics (MRO)	960	240	mg/Kg	5	10/7/2022 1:45:35 PM
Sur: DNOP	39.6	21-129	%Rec	5	10/7/2022 1:45:35 PM
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/4/2022 4:34:04 PM
Surt: BFB	89.1	37.7-212	%Rec	1	10/4/2022 4:34:04 PM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	10/4/2022 4:34:04 PM
Toluene	ND	0.050	mg/Kg	1	10/4/2022 4:34:04 PM
Ethylbenzene	ND	0.050	mg/Kg	1	10/4/2022 4:34:04 PM
Xylenes, Total	ND	0.10	mg/Kg	1	10/4/2022 4:34:04 PM
Surr: 4-Bromofluorobenzene	95.2	70-130	%Rec	1	10/4/2022 4:34:04 PM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	2100	150	mg/Kg	50	10/7/2022 7:57:37 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 POL Practical Quantified we Limit
 S % Recovery outside of mage due to dilution or matrix inte
- B Analyte detected in the associated Method Blank E Estimated value J Analyte detected below quantitation limits P Sample JH Not in Range RL Reporting Limit

Page 3 of 18

Hall Environmental Analysis	Laboratory, I	nc.		Lab	alytical Report Order 2210001 te Reported: 10/17/2022		
CLIENT: Vertex Resources Services, Inc.			Client Sample ID: WES22-04 0-4'				
Project: Platt PA Tank Battery		Collect	ion Date:	9/27/2	022 1:30:00 PM		
Lab ID: 2210001-004	Matrix: SOIL	Recei	ved Date:	10/1/2	022 9:00:00 AM		
Analyses	Result	RL Qua	l Units	DF	Date Analyzed		
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst: DGH		
Diesel Range Organics (DRO)	590	75	mg/Kg	5	10/7/2022 2:17:14 PM		
Motor OII Range Organics (MRO)	840	250	mg/Kg	5	10/7/2022 2:17:14 PM		
Sur: DNOP	48.2	21-129	%Rec	5	10/7/2022 2:17:14 PM		
EPA METHOD 8015D: GASOLINE RANG	Æ				Analyst: RAA		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/4/2022 4:57:30 PM		
Surt: BFB	86.7	37.7-212	%Rec	1	10/4/2022 4:57:30 PM		
EPA METHOD 8021B: VOLATILES					Analyst: RAA		
Benzene	ND	0.025	mg/Kg	1	10/4/2022 4:57:30 PM		
Toluene	ND	0.049	mg/Kg	1	10/4/2022 4:57:30 PM		
Ethylbenzene	ND	0.049	mg/Kg	1	10/4/2022 4:57:30 PM		
Xylenes, Total	ND	0.098	mg/Kg	1	10/4/2022 4:57:30 PM		
Surr: 4-Bromofluorobenzene	92.6	70-130	%Rec	1	10/4/2022 4:57:30 PM		
EPA METHOD 300.0: ANIONS					Analyst: JTT		
Chloride	6900	300	mg/Kg	100	10/7/2022 8:10:01 PM		

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 POL Practical Quantified we Limit
 S % Recovery outside of mage due to dilution or matrix inte
- B Analyte detected in the associated Method Blank E Estimated value J Analyte detected below quantitation limits P Sample JH Not in Range RL Reporting Limit

- Page 4 of 18

Hall Environmental Analysis	Laboratory, II	nc.		La	nalytical Report b Order 2210001 ite Reported: 10/17/2022
CLIENT: Vertex Resources Services, Inc			ample ID:		
Project: Platt PA Tank Battery		Collec	tion Date:	9/27/2	2022 1:35:00 PM
Lab ID: 2210001-005	Matrix: SOIL	Recei	ived Date:	10/1/2	2022 9:00:00 AM
Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst: DGH
Diesel Range Organics (DRO)	270	69	mg/Kg	5	10/7/2022 3:38:29 PM
Motor OII Range Organics (MRO)	740	230	mg/Kg	5	10/7/2022 3:38:29 PM
Surr: DNOP	43.0	21-129	%Rec	5	10/7/2022 3:38:29 PM
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/4/2022 5:20:55 PM
Surr: BFB	87.5	37.7-212	%Rec	1	10/4/2022 5:20:55 PM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.025	mg/Kg	1	10/4/2022 5:20:55 PM
Toluene	ND	0.050	mg/Kg	1	10/4/2022 5:20:55 PM
Ethylbenzene	ND	0.050	mg/Kg	1	10/4/2022 5:20:55 PM
Xylenes, Total	ND	0.10	mg/Kg	1	10/4/2022 5:20:55 PM
Surr: 4-Bromofluorobenzene	94.6	70-130	%Rec	1	10/4/2022 5:20:55 PM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chioride	2700	150	mg/Kg	50	10/7/2022 8:22:25 PM

Qualifiers:

Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
POL Practical Quantizative Limit
S % Recovery outside of mage due to dilution or matrix inter

B Analyte detected in the associated Method Blank E Estimated value J Analyte detected below quantitation limits P Sample JH Not in Range RL Reporting Limit

Page 5 of 18

Hall Environmental Analysis	Laboratory, I	nc.			La	nalytical Report b Order 2210001 te Reported: 10/17/2022
CLIENT: Vertex Resources Services, Inc.		Clie	nt Sar	nple ID:	WES2	2-06 0-4'
Project: Platt PA Tank Battery	Collection Date: 9/27/2022 1:40:00 PM				022 1:40:00 PM	
Lab ID: 2210001-006	Matrix: SOIL	I	Receiv	ed Date:	10/1/2	022 9:00:00 AM
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst: DGH
Diesel Range Organics (DRO)	1300	140		mg/Kg	10	10/7/2022 4:10:32 PM
Motor OII Range Organics (MRO)	2700	480		mg/Kg	10	10/7/2022 4:10:32 PM
Sur: DNOP	0	21-129	S	%Rec	10	10/7/2022 4:10:32 PM
EPA METHOD 8015D: GASOLINE RANG	E					Analyst: RAA
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	10/4/2022 5:44:21 PM
Surr: BFB	91.3	37.7-212		%Rec	5	10/4/2022 5:44:21 PM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	ND	0.12		mg/Kg	5	10/4/2022 5:44:21 PM
Toluene	ND	0.24		mg/Kg	5	10/4/2022 5:44:21 PM
Ethylbenzene	ND	0.24		mg/Kg	5	10/4/2022 5:44:21 PM
Xylenes, Total	ND	0.49		mg/Kg	5	10/4/2022 5:44:21 PM
Surr: 4-Bromofluorobenzene	96.4	70-130		%Rec	5	10/4/2022 5:44:21 PM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	1500	60		mg/Kg	20	10/6/2022 1:27:39 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 POL Practical Quantizative Limit
 S % Recovery outside of mage due to dilution or matrix inter
- B Analyte detected in the associated Method Black E Estimated value J Analyte detected below quantitation limits P Sample Ji Not In Range RL. Reporting Limit

- Page 6 of 18

Hall Environmental Analysis	Laboratory, I	nc.			La	nalytical Report b Order 2210001 te Reported: 10/17/2022
CLIENT: Vertex Resources Services, Inc.				nple ID:		
Project: Platt PA Tank Battery Lab ID: 2210001-007	Matrix: SOIL					2022 1:45:00 PM 2022 9:00:00 AM
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst: DGH
Diesel Range Organics (DRO)	2000	720		mg/Kg	50	10/6/2022 7:04:13 PM
Motor OII Range Organics (MRO)	3300	2400		mg/Kg	50	10/6/2022 7:04:13 PM
Sur: DNOP	0	21-129	S	%Rec	50	10/6/2022 7:04:13 PM
EPA METHOD 8015D: GASOLINE RANG	E					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/4/2022 7:18:27 PM
Surr: BFB	90.6	37.7-212		%Rec	1	10/4/2022 7:18:27 PM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	10/4/2022 7:18:27 PM
Toluene	ND	0.049		mg/Kg	1	10/4/2022 7:18:27 PM
Ethylbenzene	ND	0.049		mg/Kg	1	10/4/2022 7:18:27 PM
Xylenes, Total	ND	0.097		mg/Kg	1	10/4/2022 7:18:27 PM
Surr: 4-Bromofluorobenzene	96.5	70-130		%Rec	1	10/4/2022 7:18:27 PM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chioride	2300	60		mg/Kg	20	10/6/2022 1:40:04 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 POL Practical Quantizative Limit
 S % Recovery outside of mage due to dilution or matrix inter
- B Analyte detected in the associated Method Blank E Estimated value J Analyte detected below quantitation limits P Sample JH Not in Range RL Reporting Limit

- Page 7 of 18

Hall Environmental Analysis I	Laboratory, Iı	ac.			Lab	alytical Report Order 2210001 e Reported: 10/17/2022
CLIENT: Vertex Resources Services, Inc.		Clie	nt Sar	nple ID:	BES22	-02 4'
Project: Platt PA Tank Battery	Collection Date: 9/27/2022 1:50:00 PM					022 1:50:00 PM
Lab ID: 2210001-008	Matrix: SOIL	R	eceiv	ed Date:	10/1/20	022 9:00:00 AM
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst: DGH
Diesel Range Organics (DRO)	2500	1400		mg/Kg	100	10/6/2022 7:14:57 PM
Motor OII Range Organics (MRO)	10000	4800		mg/Kg	100	10/6/2022 7:14:57 PM
Sur: DNOP	0	21-129	S	%Rec	100	10/6/2022 7:14:57 PM
EPA METHOD 8015D: GASOLINE RANG	E					Analyst: RAA
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	10/4/2022 7:42:00 PM
Surt: BFB	91.4	37.7-212		%Rec	5	10/4/2022 7:42:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	ND	0.12		mg/Kg	5	10/4/2022 7:42:00 PM
Toluene	ND	0.24		mg/Kg	5	10/4/2022 7:42:00 PM
Ethylbenzene	ND	0.24		mg/Kg	5	10/4/2022 7:42:00 PM
Xylenes, Total	ND	0.48		mg/Kg	5	10/4/2022 7:42:00 PM
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	5	10/4/2022 7:42:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	4700	150		mg/Kg	50	10/7/2022 8:34:50 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 POL Practical Quantizative Limit
 S % Recovery outside of mage due to dilution or matrix inter
- B Analyte detected in the associated Method Black E Estimated value J Analyte detected below quantitation limits P Sample Ji Not In Range RL. Reporting Limit

- Page 8 of 18

Hall Environmental Analysis	Laboratory, I	nc.		La	nalytical Report b Order 2210001 te Reported: 10/17/2022
CLIENT: Vertex Resources Services, Inc. Project: Platt PA Tank Battery		Client Sa Collecti	-		2-03 4' 2022 1:55:00 PM
Lab ID: 2210001-009	Matrix: SOIL	Receiv	ed Date:	10/1/2	022 9:00:00 AM
Analyses	Result	RL Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	E ORGANICS				Analyst: DGH
Diesel Range Organics (DRO)	29	15	mg/Kg	1	10/7/2022 4:42:39 PM
Motor OII Range Organics (MRO)	89	49	mg/Kg	1	10/7/2022 4:42:39 PM
Sur: DNOP	74.2	21-129	%Rec	1	10/7/2022 4:42:39 PM
EPA METHOD 8015D: GASOLINE RANG	E				Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/4/2022 8:05:24 PM
Surr: BFB	93.6	37.7-212	%Rec	1	10/4/2022 8:05:24 PM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	10/4/2022 8:05:24 PM
Toluene	ND	0.047	mg/Kg	1	10/4/2022 8:05:24 PM
Ethylbenzene	ND	0.047	mg/Kg	1	10/4/2022 8:05:24 PM
Xylenes, Total	ND	0.095	mg/Kg	1	10/4/2022 8:05:24 PM
Surr: 4-Bromofluorobenzene	100	70-130	%Rec	1	10/4/2022 8:05:24 PM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	690	60	mg/Kg	20	10/6/2022 2:29:43 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times the preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 POL Practical Quantitative Limit
 S % Recovery cettide of mage due to dilution or matrix interf
- B Analyte detected in the associated Method Blank E Estimated value J Analyte detected below quantitation limits P Sample JI Not In Range RL. Reporting Limit

- Page 9 of 18

Hall Environmental Analysis	Laboratory, I	nc.		La	nalytical Report b Order 2210001 te Reported: 10/17/2022
CLIENT: Vertex Resources Services, Inc. Project: Platt PA Tank Battery Lab ID: 2210001-010	AC. Client Sample ID: BES22-04 4' Collection Date: 9/27/2022 2:00:00 PM Matrix: SOIL Received Date: 10/1/2022 9:00:00 AM				
Analyses	Result	RL Qua	l Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: DGH
Diesel Range Organics (DRO)	620	68	mg/Kg	5	10/7/2022 5:22:37 PM
Motor OII Range Organics (MRO)	1400	230	mg/Kg	5	10/7/2022 5:22:37 PM
Sur: DNOP	30.2	21-129	%Rec	5	10/7/2022 5:22:37 PM
EPA METHOD 8015D: GASOLINE RANG	E				Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/4/2022 8:28:45 PM
Surr: BFB	92.5	37.7-212	%Rec	1	10/4/2022 8:28:45 PM
EPA METHOD 8021B: VOLATILES					Analyst: RAA
Benzene	ND	0.024	mg/Kg	1	10/4/2022 8:28:45 PM
Toluene	ND	0.049	mg/Kg	1	10/4/2022 8:28:45 PM
Ethylbenzene	ND	0.049	mg/Kg	1	10/4/2022 8:28:45 PM
Xylenes, Total	ND	0.097	mg/Kg	1	10/4/2022 8:28:45 PM
Surr: 4-Bromofluorobenzene	98.2	70-130	%Rec	1	10/4/2022 8:28:45 PM
EPA METHOD 300.0: ANIONS					Analyst: JTT
Chloride	1100	60	mg/Kg	20	10/6/2022 2:42:07 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 POL Practical Quantified we Limit
 S % Recovery outside of mage due to dilution or matrix inte
- B Analyte detected in the associated Method Black E Estimated value J Analyte detected below quantitation limits P Sample Ji Not In Range RL. Reporting Limit

- Page 10 of 18

Hall Environmental Analysis	Laboratory, II	nc.			La	nalytical Report b Order 2210001 ite Reported: 10/17/2022
CLIENT: Vertex Resources Services, Inc.		Clie	nt Sar	nple ID:	BES2	2-01 5'
Project: Platt PA Tank Battery	Collection Date: 9/29/2022 11:30:00 AM					2022 11:30:00 AM
Lab ID: 2210001-011	Matrix: SOIL	R	eceiv	ed Date:	10/1/2	2022 9:00:00 AM
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst: DGH
Diesel Range Organics (DRO)	1100	150		mg/Kg	10	10/7/2022 6:05:40 PM
Motor OII Range Organics (MRO)	2100	490		mg/Kg	10	10/7/2022 6:05:40 PM
Sur: DNOP	0	21-129	S	%Rec	10	10/7/2022 6:05:40 PM
EPA METHOD 8015D: GASOLINE RANG	E					Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/4/2022 8:52:09 PM
Surr: BFB	92.7	37.7-212		%Rec	1	10/4/2022 8:52:09 PM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	10/4/2022 8:52:09 PM
Toluene	ND	0.050		mg/Kg	1	10/4/2022 8:52:09 PM
Ethylbenzene	ND	0.050		mg/Kg	1	10/4/2022 8:52:09 PM
Xylenes, Total	ND	0.10		mg/Kg	1	10/4/2022 8:52:09 PM
Surr: 4-Bromofluorobenzene	97.6	70-130		%Rec	1	10/4/2022 8:52:09 PM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	2000	60		mg/Kg	20	10/6/2022 2:54:32 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Dae to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 POL. Practical Quantitative Limit
 \$ % Recovery outside of nange due to dilution or matrix interf
- B Analyte detected in the associated Method Black E Estimated value J Analyte detected below quantitation limits P Sample Ji Not In Range RL. Reporting Limit

- Page 11 of 18

Hall Environmental Analysis]	Laboratory, Iı	ıc.			Lab	alytical Report) Order 2210001 1e Reported: 10/17/2022
CLIENT: Vertex Resources Services, Inc. Project: Platt PA Tank Battery Lab ID: 2210001-012	Client Sample ID: BES22-02 5' Collection Date: 9/29/2022 11:45:00 A2 Matrix: SOIL Received Date: 10/1/2022 9:00:00 AM					022 11:45:00 AM
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst: DGH
Diesel Range Organics (DRO)	31000	1400		mg/Kg	100	10/6/2022 8:18:52 PM
Motor OII Range Organics (MRO)	19000	4800		mg/Kg	100	10/6/2022 8:18:52 PM
Sur: DNOP	0	21-129	S	%Rec	100	10/6/2022 8:18:52 PM
EPA METHOD 8015D: GASOLINE RANG	E					Analyst: RAA
Gasoline Range Organics (GRO)	320	99		mg/Kg	20	10/4/2022 9:15:35 PM
Surt: BFB	167	37.7-212		%Rec	20	10/4/2022 9:15:35 PM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	1.1	0.49		mg/Kg	20	10/4/2022 9:15:35 PM
Toluene	4.1	0.99		mg/Kg	20	10/4/2022 9:15:35 PM
Ethylbenzene	12	0.99		mg/Kg	20	10/4/2022 9:15:35 PM
Xylenes, Total	23	2.0		mg/Kg	20	10/4/2022 9:15:35 PM
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	20	10/4/2022 9:15:35 PM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	5400	300		mg/Kg	100	10/7/2022 8:47:14 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 POL Practical Quantizative Limit
 S % Recovery outside of mage due to dilution or matrix inter
- B Analyte detected in the associated Method Black E Estimated value J Analyte detected below quantitation limits P Sample Ji Not In Range RL. Reporting Limit

- Page 12 of 18

Hall Environmental Analysis	Laboratory, I	nc.			La	nalytical Report b Order 2210001 ite Reported: 10/17/2022
CLIENT: Vertex Resources Services, Inc.		Clier	nt Sau	nple ID:	BES2	2-03 5'
Project: Platt PA Tank Battery	Collection Date: 9/29/2022 12:00:00 PM					2022 12:00:00 PM
Lab ID: 2210001-013	Matrix: SOIL	R	eceiv	ed Date:	10/1/2	2022 9:00:00 AM
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst: DGH
Diesel Range Organics (DRO)	360	150		mg/Kg	10	10/7/2022 6:38:05 PM
Motor OII Range Organics (MRO)	920	500		mg/Kg	10	10/7/2022 6:38:05 PM
Sur: DNOP	0	21-129	S	%Rec	10	10/7/2022 6:38:05 PM
EPA METHOD 8015D: GASOLINE RANG	E					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/4/2022 9:39:04 PM
Surt: BFB	95.6	37.7-212		%Rec	1	10/4/2022 9:39:04 PM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	10/4/2022 9:39:04 PM
Toluene	ND	0.049		mg/Kg	1	10/4/2022 9:39:04 PM
Ethylbenzene	ND	0.049		mg/Kg	1	10/4/2022 9:39:04 PM
Xylenes, Total	ND	0.099		mg/Kg	1	10/4/2022 9:39:04 PM
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	10/4/2022 9:39:04 PM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	910	60		mg/Kg	20	10/6/2022 3:19:21 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times the preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 POL Practical Quantizative Limit
 S % Recovery outside of mage due to dilution or matrix interf
- B Analyte detected in the associated Method Black E Estimated value J Analyte detected below quantitation limits P Sample JI Not in Range RL Reporting Limit

- Page 13 of 18

Hall Environmental Analysis I	Laboratory, I	nc.			Lab	alytical Report) Order 2210001 le Reported: 10/17/2022
CLIENT: Vertex Resources Services, Inc.				nple ID:		
Project: Platt PA Tank Battery	Collection Date: 9/29/2022 12:05:00 PM				022 12:05:00 PM	
Lab ID: 2210001-014	Matrix: SOIL	F	Receiv	ed Date:	10/1/2	022 9:00:00 AM
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst: DGH
Diesel Range Organics (DRO)	20000	1400		mg/Kg	100	10/6/2022 9:01:20 PM
Motor OII Range Organics (MRO)	20000	4800		mg/Kg	100	10/6/2022 9:01:20 PM
Sur: DNOP	0	21-129	S	%Rec	100	10/6/2022 9:01:20 PM
EPA METHOD 8015D: GASOLINE RANG	E					Analyst: RAA
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	10/6/2022 1:23:22 PM
Surt: BFB	92.2	37.7-212		%Rec	5	10/6/2022 1:23:22 PM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	ND	0.12		mg/Kg	5	10/6/2022 1:23:22 PM
Toluene	ND	0.25		mg/Kg	5	10/6/2022 1:23:22 PM
Ethylbenzene	ND	0.25		mg/Kg	5	10/6/2022 1:23:22 PM
Xylenes, Total	ND	0.49		mg/Kg	5	10/6/2022 1:23:22 PM
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	5	10/6/2022 1:23:22 PM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	1100	60		mg/Kg	20	10/6/2022 3:31:46 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times the preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 POL Practical Quantizative Limit
 S % Recovery outside of mage due to dilution or matrix interf
- B Analyte detected in the associated Method Black E Estimated value J Analyte detected below quantitation limits P Sample JI Not in Range RL Reporting Limit

- Page 14 of 18

QC SUMMARY REPORT	
Hall Environmental Analysis Laboratory, Inc.	

WO#:	2210001
	17-Oct-22

Client: Project:		tex Resources Se t PA Tank Batte		Inc.							
Sample ID:			ype: MB			_		300.0: Aniona			
Client ID: Prep Date:	PBS 10/6/2022	Analysis D	ID: 706			RunNo: 91 SegNo: 32		Units: mg/K			
Analyte	10/6/2022	Result			SPK Ref Val				%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-70647	SampT	SampType: LCS			tCode: EP	A Method	300.0: Aniona			
Client ID:	LCSS	Batch	ID: 706	47	F	RunNo: 91	598				
Prep Date:	10/6/2022	Analysis D	ate: 10	6/2022	5	SeqNo: 32	81920	Units: mg/K			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	96.4	90	110			

. ant Level

D H ND PQL S

Value exceeds Maximum Contamins Sample Diluted Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantative Limit % Recovery outside of range due to it

 B Analyte detected in the associated Method E Estimated value
 J Analyte detected below quantitation limits
 P Sample pill Not in Range
 RL. Reporting Limit ted in the associated Method Blank

Page 15 of 18

QC SUMMARY REPORT	
Hall Environmental Analysis Laboratory, Inc.	

	Resources Se Tank Batte		Inc.							
Sample ID: MB-70634 Client ID: PBS		ype: Me ID: 706			tCode: Ep RunNo: 91		8015M/D: Die	sel Range	Organica	
Prep Date: 10/5/2022	Analysis D				SeqNo: 32		Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.3		10.00		82.9	21	129			
Sample ID: LCS-70634	SampT	ype: LC	5	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch	ID: 70	534	F	RunNo: 91	1599				
Prep Date: 10/5/2022	Analysis D	ate: 10	6/2022	:	SeqNo: 32	288804	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	15	50.00	0	80.8	64.4	127			
Sure DNOP	4.0		5.000		80.0	21	129			

Value exceeds Maximum Contaminant Sample Dikted Dae to Matrix Holding times for preparation or analys Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of range due to dil • sant Level.

D H ND PQL S

B Analyte detected in the associated Method Illenk
 E Estimated value
 J Analyte detected below quantitation limits
 P Sample Jil Not In Range
 RL. Reporting Limit

Page 16 of 18

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WO#:

2210001 17-Oct-22

QC SUMMARY REPORT	WO#:	2210001
Hall Environmental Analysis Laboratory, Inc.		17-Oct-22

	Resources Service Tank Battery	s, Inc.							
Sample ID: LCS-70559	SampType: L	.CS	Tes	tCode: EP	PA Method	8015D: Gasol	ine Range		
Client ID: LCSS	Batch ID: 7	0559	F	RunNo: 91	536				
Prep Date: 10/3/2022	Analysis Date:	10/4/2022	:	SeqNo: 32	79028	Units: mg/K	9		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range Organics (GRO)	25 5.	0 25.00	0	98.3	72.3	137			
Surr: BFB	1900	1000		191	37.7	212			
Sample ID: mb-70559	SampType: N	IBLK	Tes	tCode: EP	A Method	8015D: Gasol	ine Range		
Client ID: PBS	Batch ID: 7	0559	F	RunNo: 91	1536				
Prep Date: 10/3/2022	Analysis Date:	10/4/2022	:	SeqNo: 32	279029	Units: mg/K	9		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND 5.	0							
Surr: BFB	930	1000		92.9	37.7	212			

• sant Level.

D H ND PQL S

Value exceeds Maximum Contaminant Sample Dikted Dae to Matrix Holding times for preparation or analys Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of range due to dil

B Analyte detected in the associated Method Illenk
 E Estimated value
 J Analyte detected below quantitation limits
 P Sample Jil Not In Range
 RL. Reporting Limit

Page 17 of 18

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Released to Imaging: 12/29/2023 7:55:04 AM

QC SUMMARY REPORT	
Hall Environmental Analysis Laboratory, Inc.	

	Resources S A Tank Batt		Inc.							
Sample ID: Ica-70559	Sampi	Type: LC	\$	Tes	tCode: EP	A Method	8021B: Volati	68		
Client ID: LCSS	Batc	h ID: 70	559	F	RunNo: 91	536				
Prep Date: 10/3/2022	Analysis (Date: 10	4/2022	5	SeqNo: 32	79057	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.4	80	120			
Toluene	0.96	0.050	1.000	0	95.6	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.4	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.5	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			
Sample ID: mb-70559	Sampi	Type: ME	ILK.	Tes	tCode: EP	A Method	8021B: Volati	68		
Client ID: PBS	Batch ID: 70559			RunNo: 91536						
Prep Date: 10/3/2022	Analysis (Date: 10	4/2022	5	SeqNo: 32	279058	Units: mg/K	0		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.99		1.000		98.8	70	130			

• sant Level.

D H ND PQL S

Value exceeds Maximum Contaminant Sample Dikted Dae to Matrix Holding times for preparation or analys Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of range due to dil

B Analyte detected in the associated Method Illenk
 E Estimated value
 J Analyte detected below quantitation limits
 P Sample Jil Not In Range
 RL. Reporting Limit

Page 18 of 18

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WO#:

2210001 17-Oct-22

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HALL ENVIRONMEN ANALYSIS LABORATORY		TEL: 505-	Albu 345-3975	4601 H querque, FAX: 503	laboratory archite N.K. NM 87109 1-345-4107 newtal.com	Sam	iple Log-In (Check List
Client Name: Vertex R Services	esources , Inc.	Work Order	Number:	221000	1		RoptNo	o: 1
Received By: Scan L	ivingston	10/1/2022 9.0	0:00 AM		-	Sala	set-	
Completed By: Sean L	vingaton	10/1/2022 9.3	9:07 AM		2	Santa Santa		
Reviewed By: Soc 1	olitzz				-	31-04	Jes	
Chain of Custody								
 Is Chain of Custody cor 	nplete7			Yes 🗹	i 1	No 🗌	Not Present 🗌	
2. How was the sample de	eivered?			<u>Courier</u>				
Log In								
Was an attempt made t	o cool the samples?			Yes 🔽) 1	40 🗌	NA 🗆	
4. Were all samples receiv	ed at a temperature	of >0°C to 5.0°	с	Yes 🔽	, t	40 🗌	NA 🗔	
5. Sample(s) in proper cor	tainer(s)?			Yes 🔽] r	No 🗌		
6, Sufficient sample volum	e for indicated test(s)?		Yes 🗹	N	a 🗆		
7, Are samples (except VC	A and ONG) proper	y preserved?		Yes 🗹	N	lo 🗆		
8. Was preservative addac	to bottles?			Yes 🗌	N	o 🖌	NA 🗆	
9. Received at least 1 visits	with headspace <1/4	for AQ VCA?		Yes 🗖	N	lo 🗖	NA M	
10. Were any sample conta	iners received broke	0?		Yes 🗆	r.	lo 🗹	Kalannand	
11.Does paperwork match	botile labels?			Yes 🗹	N	6 🗆	# of preserved bottles checked for pH:	
(Note discrepancies on (-			(<2 : Adjusted?	a >12 unless noted)
12, Are matrices correctly id 42. Is a clear what conducts		Custody?		Yes 🗹 Yes 🔽		6 🗆 6 🔲	/ djusted	
 13, is it clear what analyses 14. Were all holding times a 				Yas 🗹			Chacked by:	Sec 10/122
(If no, notify customer fo				100 12		-		100 10/11/20
Special Handling (if a	pplicable)							
15. Was client notified of al	I discrepancies with	this order?		Yes 🗋	l e	40 🗆	NA 🗹	
Person Notified:	1	of the second second	Date: 厂			Conversity.		
By Whom:	I		Via:	eMail	Phone	E2x	In Person	
Regarding: Client Instructions	: [
16 Additional remarks:								_
17. Coolar Information	a terrar a constant							
Cooler No Temp ³ 1 3.3	C Consition Si Good	cal Intect Seel	No S	eal Date	Signe	ed By		
Page L of L								W

ម	ain-o	LCI	Chain-of-Custody Record	Turn-Around Time:					I	ALL	Ĩ	TVI	HALL FNVTRONMENTAL	IENT/	2
Client:	Vertex (ECEI)	K (E	(061)	IP Standard	I.I.Rush	S ONY			<	NA	X	SI	ANALYSIS LABORATORY	RATO	12
				Project Name:	ä				2	www.ha	inenvi	emno,	www.hallenvironmental.com		
Mailing Address:	dress:	MO	on Life	Plat 1	Plat PA Tank Battery	Battery	2	4901	Hawkir	IS NE	- Albe	uduerq	4901 Hawkins NE - Albuquerque, NM 87109	109	
		1	0	Project #:		ь		Tel. 5	Tel. 505-345-3975	5-3975	ш	ax 50	Fax 505-345-4107		
Phone #:				nt-	22t - 00123-14	4-					Ë,	sis Re	quest	100	
email or Fax#:	axft;			Project Manager	ger			(0		-	•٥	-	(11		-
QA/QC Package:	pi pi		Evol 4 (Full Validation)	Michu	Michael Molit	主	.208) s	PCB's O / MR(9989-200r	SWIS	S '⁺Od		іөзфУл		
Accreditation: T NFLAC		□ Az Con □ Other	⊐ Az Compliance ⊡ Olhirr	Sampler: On Iner	SPC	- No			(1.40)728 r	^{-z} ON	(2	92.8 MQC		_
D EDD (Type)				viers:		Sucollinity.	(38		g pi		"°01		2008		
				Cooler Temp;w.o.gos);	(rod. 6 ro CF)	3.4-01-23333 (°C)	LM.		оцаау		sr N		1.5.5.5		
Date Ti	Time Ma	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	(XET8	9 1808 9 1808	ede (v	PAHs t ARORA	i '∋©	9) 0428 () 0928	2012/2020		
9/29 11:30		Sil	BES22-01 5'	4 or jour	jæ	110	À	/			5				
1 1	11:45		86522-02 5'	2	-	210	-	-			-				
-	12:00	_	BES22-03 5'			0(3	-	-				-			ς.,
-	12:05	-	BESI2-04 5'	-		HO	-	_							
										+					
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9/29 16:34	Time: Red [(g:34	Relimpictor by	laction	ULUU	118 NIS	1010 Time 9/30/22 1015	Remarks:	rks:				2	-	-	
100	Arr A	LA A .		Sec. C	11 - 11 O	oo:lo 12/1/or									



October 09, 2023 CHANCE DIXON VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202

TULSA, OK 74103

RE: PLATT PA BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/06/23 11:56.

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.tceg.texas.gov/field/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

Celeg D. Keene .-

Celey D. Keene Lab Director/Quality Manager

Page 1 of 8



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/09/2023 PLATT PA BATTERY 22E-00123-14 EOG

mg/kg

10/06/2023

Sampling Date:	
Sampling Type:	
Sampling Condition:	
Sample Received By:	

10/05/2023 Soil Cool & Intact Shalyn Rodriguez

Sample ID: BES 23-50 4' (H235454-01) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.14	107	2.00	4.28	
Toluene*	<0.050	0.050	10/06/2023	ND	2.18	109	2.00	5.04	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.27	105	6.00	4.77	
Total BTEX	<0.300	0.300	10/06/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 97.1% 71.5-134

Chioride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/09/2023	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 05-C10*	<10.0	10.0	10/06/2023	ND	180	90.1	200	1.09	
DRO >C10-C28*	22.0	10.0	10/06/2023	ND	187	93.5	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	76.2	% 48.2-13	4						

Surrogate: 1-Chlorooctadecane 89.1% 49.1-148

Cardinal Laboratories

*=Accredited Analyte

RANE NOTE: Lability and Damages. Cardinals Multity and checks exclusion remedy for any clean artising, whether based in context or tor, duel be limited to the annuax paid by direct for analyses. All daires, including those for majoress and any other cause whethere shall be deemed whether unless made in westing and meshed by Cardinal within 1987 (24) days after completion of the application extrast. In so event duel Cardinal los halos for includent or consequential damages, including, welcost limitation, lossiones interruptions, issue of cardinal loss profile and the application extrast. The specific and the application extra the application extrast and the application extra the application extrast and the application extra the application

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Celey D. Keene, Lab Director/Quality Manager

Page 2 of 8



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/09/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

10/06/2023

Sampling Date:
Sampling Type:
Sampling Condition:
Sample Received By:

10/05/2023 Soil Cool & Intact Shalyn Rodriguez

Sample ID: BES 23-51 4' (H235454-02) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.14	107	2.00	4.28	
Toluene*	<0.050	0.050	10/06/2023	ND	2.18	109	2.00	5.04	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.27	105	6.00	4.77	
Total BTEX	<0.300	0.300	10/06/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 96.0 % 71.5-134

Chioride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	10/09/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 05-C10*	<10.0	10.0	10/06/2023	ND	180	90.1	200	1.09	
DR0 >C10-C28*	11.2	10.0	10/06/2023	ND	187	93.5	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	79.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

RANE NOTE: Lability and Damages. Cardinals Multity and checks exclusion remedy for any clean artising, whether based in context or tor, duel be limited to the annuax paid by direct for analyses. All daires, including those for majoress and any other cause whethere shall be deemed whether unless made in westing and meshed by Cardinal within 1987 (24) days after completion of the application extrast. In so event duel Cardinal los halos for includent or consequential damages, including, welcost limitation, lossiones interruptions, issue of cardinal loss profile and the application extrast. The specific and the application extra the application extrast and the application extra the application extrast and the application extra the application

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Celey D. Keene, Lab Director/Quality Manager

Page 3 of 8



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DDXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location: 10/06/2023 10/09/2023 PLATT PA BATTERY 22E-00123-14 EOG

Sampling Date:
Sampling Type:
Sampling Condition:
Sample Received By:

10/05/2023 Soil Cool & Intact Shalyn Rodriguez

Sample ID: BES 23-52 4' (H235454-03) BTEX 80218 mg/kg

DICKOULLD		~9							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.14	107	2.00	4.28	
Toluene*	< 0.050	0.050	10/06/2023	ND	2.18	109	2.00	5.04	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.27	105	6.00	4.77	
Total BTEX	<0.300	0.300	10/06/2023	ND					

od By: MS

Surrogate: 4-Bromofluorobenzene (PIL 96.2 % 71.5-134

Chioride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/09/2023	ND	416	104	400	3.77	
TPH 8015M		/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 05-C10*	<10.0	10.0	10/06/2023	ND	180	90.1	200	1.09	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	187	93.5	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	76.9	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	89.7	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

ALXEL NOTE: Lability and Damages. Cardinals hability and checks exclusive memory for any clean arising, whether based in contract or tor, dual be instead to the annount paid by check for analyses. All checks, including those for medigence and any other comparison of the applicable memory. In the sevent dual is checked in basis for including those for medigence and including, attract any other areas whethere what is been paid on the annount paid by check is administrative for an annount paid by check is administrative for announce and in a set dual checked, administrative for announce and in a set of an announce of the announce of the announce of the announce of the announce by Cardinal, ingendess of whether each check is a set of an announce of the announce announce in the announce and in the improvement of announce of the announce announce in the announce and in the improvement of annual in the announce of the announce announce in the announce and in the improvement of announce of the announce announce in the announce and in the improvement of announce of the announce announce of the announce announce in the announce and in the improvement of announce of the announce announce of announce of announce of the announce announce of the announce announce of announce o

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Celey D. Keene, Lab Director/Quality Manager

Page 4 of 8



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/09/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

10/06/2023

Sampling Date:
Sampling Type:
Sampling Condition:
Sample Received By:

10/05/2023 Soil Cool & Intact Shalyn Rodriguez

Sample ID: BES 23-53 4' (H235454-04) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.14	107	2.00	4.28	
Toluene*	<0.050	0.050	10/06/2023	ND	2.18	109	2.00	5.04	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.27	105	6.00	4.77	
Total BTEX	<0.300	0.300	10/06/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 96.7% 71.5-134

Chioride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	10/09/2023	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 06-C10*	<10.0	10.0	10/06/2023	ND	180	90.1	200	1.09	
DRO >C10-C28*	304	10.0	10/06/2023	ND	187	93.5	200	2.21	
EXT DRO >C28-C36	73.8	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	80.8	% 48.2-13	4						

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

RANE NOTE: Lability and Damages. Cardinals Multity and checks exclusion remedy for any clean artising, whether based in context or tor, duel be limited to the annuax paid by direct for analyses. All daires, including those for majoress and any other cause whethere shall be deemed whether unless made in westing and meshed by Cardinal within 1987 (24) days after completion of the application extrast. In so event duel Cardinal los halos for includent or consequential damages, including, welcost limitation, lossiones interruptions, issue of cardinal loss profile and the application extrast. The specific and the application extra the application extrast and the application extra the application extrast and the application extra the application

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Celey D. Keene, Lab Director/Quality Manager

Page 5 of 8



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location: 10/06/2023 10/09/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

Sampling Date:
Sampling Type:
Sampling Condition:
Sample Received By:

10/05/2023 Soil Cool & Intact Shalyn Rodriguez

Sample ID: WES 23-101 0-4' (H235454-05) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.14	107	2.00	4.28	
Toluene*	<0.050	0.050	10/06/2023	ND	2.18	109	2.00	5.04	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.27	105	6.00	4.77	
Total BTEX	<0.300	0.300	10/06/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 96.1% 71.5-134

Chioride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	10/09/2023	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 05-C10*	<10.0	10.0	10/06/2023	ND	180	90.1	200	1.09	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	187	93.5	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					
Surrogate: 1-Chlorooctane	79.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

RANE NOTE: Lability and Damages. Cardinals Multity and checks exclusion remedy for any clean artising, whether based in context or tor, duel be limited to the annuax paid by direct for analyses. All daires, including those for majoress and any other cause whethere shall be deemed whether unless made in westing and meshed by Cardinal within 1987 (24) days after completion of the application extrast. In so event duel Cardinal los halos for includent or consequential damages, including, welcost limitation, lossiones interruptions, issue of cardinal loss profile and the application extrast. The specific and the application extra the application extrast and the application extra the application extrast and the application extra the application

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Celey D. Keene, Lab Director/Quality Manager

Page 6 of 8



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 SM4500CI-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

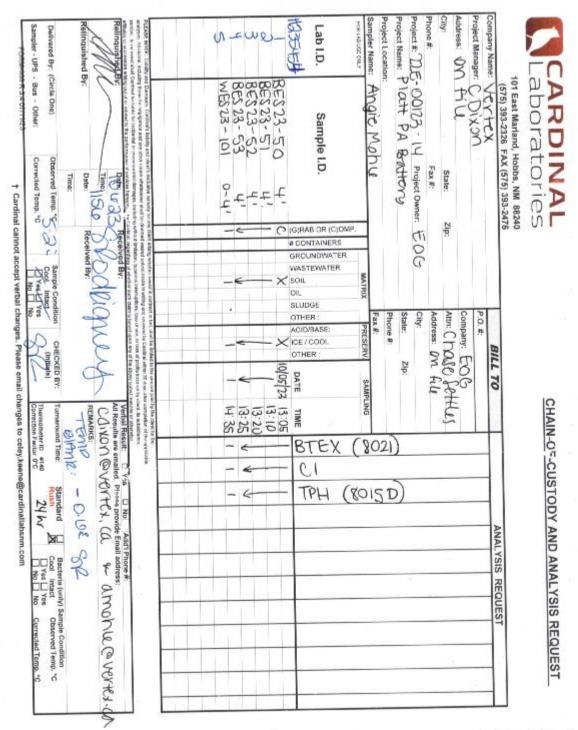
*=Accredited Analyte

REASE NOTE: Liability and Damages. Cardinals Making and clears's exclusion namely for any clean artising, whether based in contract or tor, dual be limited to the amount paid by clear for manipuss. All clears, including those for maginguous and any other cause whethermore dual be demand wated under made in marked in clearing direct direct and direct direct and the solution of the applicable annios. In the senter dual Cardinal be limited to the gradient and the solution of the applicable annios. In the senter dual Cardinal be limited to the gradient annios interruptions, loss of use, or loss of parts incomments defines are accessed at limits of the applicable annios. The market here market here market here the clear is a solution of the applicable senters. The market here market here market here the clear is a solution of the clear the clear the solution into any Cardinal, applicable of valueties and the clear produced couples of the devicement.

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Celey D. Keene, Lab Director/Quality Manager

Page 7 of 8



Page 8 of 8



October 19, 2023

CHANCE DIXON VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA, OK 74103

RE: PLATT PA BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/12/23 13:33.

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

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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,

Celegits theme-

Celey D. Keene

Lab Director/Quality Manager

Page 1 of 24



Analytical Results For:

VERTEX RESO 420 SOUTH M TULSA OK, 74	AIN, SUITE 202		oject Number:	CHANCE DIXON	Reported: 19-Oct-23 08:49		
Sample ID		Laboratory ID	Matrix	Date Sampled	Date Received		
BES 23 - 54	4'	H235578-01	Soil	06-Oct-23 12:50	12-Oct-23 13:33		
BES 23 - 57	4'	H235578-02	Soil	06-Oct-23 12:55	12-Oct-23 13:33		
BES 23 - 59	4'	H235578-03	Soil	06-Oct-23 13:00	12-Oct-23 13:33		
BES 23 - 60	4'	H235578-04	Soil	06-Oct-23 13:05	12-Oct-23 13:33		
BES 23 - 58	4'	H235578-05	Soil	06-Oct-23 12:45	12-Oct-23 13:33		
WES 23 - 132	0-4'	H235578-06	Soil	10-Oct-23 10:00	12-Oct-23 13:33		
WES 23 - 134	0-4'	H235578-07	Soil	10-Oct-23 10:10	12-Oct-23 13:33		
BES 23 - 55	4'	H235578-08	Soil	11-Oct-23 09:05	12-Oct-23 13:33		
BES 23 - 56	4'	H235578-09	Soil	11-Oct-23 09:10	12-Oct-23 13:33		
BES 23 - 61	4'	H235578-10	Soil	11-Oct-23 09:25	12-Oct-23 13:33		
BES 23 - 62	4'	H235578-11	Soil	11-Oct-23 09:30	12-Oct-23 13:33		
BES 23 - 63	4'	H235578-12	Soil	11-Oct-23 09:35	12-Oct-23 13:33		
WES 23 - 147	0-4'	H235578-13	Soil	11-Oct-23 13:10	12-Oct-23 13:33		
WES 23 - 148	0-4'	H235578-14	Soil	11-Oct-23 13:55	12-Oct-23 13:33		
WES 23 - 149	0-4'	H235578-15	Soil	11-Oct-23 14:30	12-Oct-23 13:33		

10/19/23 - Client asked for a rerun of -15 for chloride. Data is included as a re-extract value. This is the revised report and will replace the one sent on 10/16/23.

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Celey D. Keene, Lab Director/Quality Manager

Page 2 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103	202 Project Number: 22E-00123-14 19-Oct-23 08:49 Project Manager: CHANCE DDXON Fax To: NA										
			BES	23 - 54	4'						
			H235	578-01 (S	oil)						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l Laborat	tories						
Inorganic Compounds											
Chloride	2400		16.0	mg/kg	4	3101318	AC	13-Oct-23	4500-CI-B		
Volatile Organic Compounds by	EPA Method	8021									
Benzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B		
Toluene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B		
Ethylbenzene*	<0.050		0.050	mg/kg	50	3101215	JH	12-Oct-23	8021B		
Total Xylenes*	<0.150		0.150	mg/kg	50	3101215	л	12-Oct-23	8021B		
Total BTEX	<0.300		0.300	mg/kg	50	3101215	JH	12-Oct-23	8021B		
Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5	-134	3101215	л	12-0et-23	8021B		
Petroleum Hydrocarbons by GC	FID										
GRO C6-C10*	<10.0		10.0	maka	1	3101213	MS	12-Oct-23	8015B		
DROC10-C28*	420		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B		
EXT DRO =C28-C36	105		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B		
Surrogate: 1-Chlorooctane			55.2 %	48.2	-134	3101213	MS	12-0et-23	8015B		
Surrogate: 1-Chlorooctadecane			80.6 %	49.1	-148	3101213	MS	12-0et-23	8015B		

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Page 3 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103	H MAIN, SUITE 202 Project Number: 22E-00123-14 19-Oct-23 08:49										
				23 - 57 578-02 (S							
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l Labora	tories						
Inorganic Compounds											
Chloride	16.0		16.0	mgArg	4	3101318	AC	13-Oct-23	4500-CI-B		
Volatile Organic Compounds by I	EPA Method	8021									
Benzene*	<0.050		0.050	mgAg	50	3101215	л	12-Oct-23	8021B		
Toluene*	<0.050		0.050	mgArg	50	3101215	л	12-Oct-23	8021B		
Ethylbenzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B		
Total Xylanes*	<0.150		0.150	mgArg	50	3101215	л	12-Oct-23	8021B		
Total BTEX	<0.300		0.300	mgArg	50	3101215	л	12-Oct-23	8021B		
Surrogate: 4-Bromofluoroberzene (PID)			107 %	71.5	-134	3101215	ш	12-0et-23	8021B		
Petroleum Hydrocarbons by GC	FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B		
DRO =-C10-C28*	<10.0		10.0	mgAg	1	3101213	MS	12-Oct-23	8015B		
EXT DRO C28-C36	<10.0		10.0	mgAg	1	3101213	MS	12-Oct-23	8015B		
Surrogate: 1-Chlorooctane			71.4%	48.2	-134	3101213	MS	12-0et-23	8015B		
Surrogate: 1-Chlorooctadecane			80.6 %	49.1	-148	3101213	MS	12-Oct-23	8015B		

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Page 4 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103	10 0-1 22 00-10											
BES 23 - 59 4' H235578-03 (Soil)												
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
			Cardina	l Labora	tories							
Inorganic Compounds												
Chloride	160		16.0	mg/kg	4	3101318	AC	13-Oct-23	4500-CI-B			
Volatile Organic Compounds by I	EPA Method	8021										
Benzene*	<0.050		0.050	mgAg	50	3101215	л	12-Oct-23	8021B			
Toluene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B			
Ethylbenzene*	<0.050		0.050	mg/kg	50	3101215	лн	12-Oct-23	8021B			
Total Xylenes*	<0.150		0.150	mg/kg	50	3101215	л	12-Oct-23	8021B			
Total BTEX	<0.300		0.300	mgAg	.50	3101215	л	12-Oct-23	8021B			
Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5	-134	3101215	ш	12-0et-23	8021B			
Petroleum Hydrocarbons by GC	FID											
GRO C6-C10*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B			
DRO C10-C28*	229		10.0	mgArg	1	3101213	MS	12-Oct-23	8015B			
EXT DRO =-C28-C36	94.7		10.0	mgArg	1	3101213	MS	12-Oct-23	8015B			
Surrogate: 1-Chlorooctane			72.1%	48.2	-134	3101213	MS	12-0et-23	8015B			
Surrogate: 1-Chlorooctadecane			89.4 %	49.1	-148	3101213	MS	12-Oct-23	8015B			

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Page 5 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103	12 Project Number: 22E-00123-14 19-Oct-23 08:49 Project Manager: CHANCE DDXON Fax To: NA											
BES 23 - 60 4' H235578-04 (Soil)												
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
			Cardina	l Labora	ories							
Inorganic Compounds												
Chloride	48.0		16.0	mg/kg	4	3101318	AC	13-Oct-23	4500-CI-B			
Volatile Organic Compounds by J	EPA Method	8021										
Benzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B			
Toluene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B			
Ethylbenzene*	<0.050		0.050	mg/kg	50	3101215	лн	12-Oct-23	8021B			
Total Xylenes*	<0.150		0.150	mg/kg	50	3101215	л	12-Oct-23	8021B			
Total BTEX	<0.300		0.300	mg/kg	50	3101215	л	12-Oct-23	8021B			
Surrogate: 4-Bromofluorobenzene (PID)			98.5 %	71.5	-134	3101215	л	12-0et-23	8021B			
Petroleum Hydrocarbons by GC	FID											
GRO C6-C10*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B			
DRO =-C10-C28*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B			
EXT DRO C28-C36	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B			
Surrogate: 1-Chlorooctane			71.4%	48.2	-134	3101213	MS	12-0et-23	8015B			
Surrogate: 1-Chlorooctadecane			80.9 %	49.1	-148	3101213	MS	12-Oct-23	8015B			

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Page 6 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103	Project Manager: CHANCE DDXON Fax To: NA									
				23 - 58 578-05 (S	4' oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	3101318	AC	13-0et-23	4500-CI-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3101215	лн	12-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3101215	л	12-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5	-134	3101215	л	12-0et-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
DRO C10-C28*	82.2		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
EXT DRO =-C28-C36	19.4		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
Surrogate: 1-Chlorooctane			75.6 %	48.2	-134	3101213	MS	12-0et-23	8015B	
Surrogate: 1-Chlorooctadecane			88.6 %	49.1	-148	3101213	MS	12-0et-23	8015B	

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Page 7 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103	Project: PLATT PA BATTERY Project Number: 22E-00123-14 Project Manager: CHANCE DDXON Fax To: NA								Reported: 19-Oct-23 08:49			
WES 23 - 132 0-4' H235578-06 (Soil)												
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
			Cardina	l Laborat	ories							
Inorganic Compounds												
Chloride	48.0		16.0	mg/kg	4	3101318	AC	13-Oct-23	4500-CI-B			
Volatile Organic Compounds by	EPA Method	8021										
Benzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B			
Toluene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B			
Ethylbenzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B			
Total Xylenes*	<0.150		0.150	mg/kg	50	3101215	н	12-Oct-23	8021B			
Total BTEX	<0.300		0.300	mg/kg	50	3101215	л	12-Oct-23	8021B			
Surrogate: 4-Bromofluorobenzene (PID)			102 %	71.5	-134	3101215	ш	12-0et-23	8021B			
Petroleum Hydrocarbons by GC	FID											
GRO C6-C10*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B			
DRO =-C10-C28*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B			
EXT DRO C28-C36	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B			
Surrogate: 1-Chlorooctane			72.5 %	48.2	-134	3101213	MS	12-0et-23	8015B			
Surrogate: 1-Chlorooctadecane			82.6 %	49.1	-148	3101213	MS	12-0et-23	8015B			

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Page 8 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103									Reported: 19-Oct-23 08:4	49		
WES 23 - 134 0-4' H235578-07 (Soil)												
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
			Cardina	l Laborat	ories							
Inorganic Compounds												
Chloride	32.0		16.0	mg/kg	4	3101318	AC	13-Oct-23	4500-CI-B			
Volatile Organic Compounds by	EPA Method	8021										
Benzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B			
Toluene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B			
Ethylbenzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B			
Total Xylenes*	<0.150		0.150	mg/kg	50	3101215	л	12-Oct-23	8021B			
Total BTEX	<0.300		0.300	mg/kg	50	3101215	л	12-Oct-23	8021B			
Surrogate: 4-Bromofluorobenzene (PID)			98.3 %	71.5	-134	3101215	ш	12-0et-23	8021B			
Petroleum Hydrocarbons by GC	FID											
GRO C6-C10*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B			
DRO =-C10-C28*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B			
EXT DRO C28-C36	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B			
Surrogate: 1-Chlorooctane			67.4 %	48.2	-134	3101213	MS	12-0et-23	8015B			
Surrogate: 1-Chlorooctadecane			74.8 %	49.1	-148	3101213	MS	12-0et-23	8015B			

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Page 9 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103		Project: PLATT PA BATTERY Project Number: 22E-00123-14 Project Manager: CHANCE DDXON Fax To: NA							Reported: 19-Oct-23 08:49			
BES 23 - 55 4' H235578-08 (Soil)												
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
			Cardina	l Labora	ories							
Inorganic Compounds												
Chloride	1060		16.0	mg/kg	4	3101318	AC	13-Oct-23	4500-CI-B			
Volatile Organic Compounds by	EPA Method	8021								S-04		
Benzene*	<0.050		0.050	mg/kg	50	3101215	лн	12-Oct-23	8021B			
Toluene*	<0.050		0.050	mgArg	50	3101215	л	12-Oct-23	8021B			
Ethylbenzene*	<0.050		0.050	mgAg	50	3101215	л	12-Oct-23	8021B			
Total Xylenes*	0.353		0.150	mgAg	50	3101215	л	12-Oct-23	8021B	GC-NC1		
Total BTEX	0.353		0.300	mgArg	50	3101215	л	12-Oct-23	8021B	GC-NC1		
Surrogate: 4-Bromofluorobenzene (PID)			150 %	71.5	-134	3101215	л	12-0et-23	8021B			
Petroleum Hydrocarbons by GC	FID											
GRO C6-C10*	<50.0		50.0	mgAg	5	3101213	MS	12-Oct-23	8015B			
DRO C10-C28*	5360		50.0	mg/kg	5	3101213	MS	12-Oct-23	8015B			
EXT DRO =C28-C36	1290		50.0	mg/kg	5	3101213	MS	12-Oct-23	8015B			
Surrogate: 1-Chlorooctane			74.2 %	48.2	-134	3101213	MS	12-0et-23	8015B			
Surrogate: 1-Chlorooctadecane			125 %	49.1	-148	3101213	MS	12-0et-23	8015B			

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Page 10 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103	!		Project Num Project Mana Fax	ber: 22E				1	Reported: 19-Oct-23 08:	49
			H2355	78-09 (S	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	tories					
Inorganic Compounds										
Chloride	1600		16.0	mg/kg	4	3101317	AC	13-0et-23	4500-CI-B	QM-07
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	<0.050		0.050	mgAg	50	3101215	л	12-Oct-23	8021B	
Toluene*	<0.050		0.050	mgArg	50	3101215	л	12-Oct-23	8021B	
Ethylbenzene*	0.078		0.050	mg/kg	50	3101215	лн	12-Oct-23	8021B	
Total Xylenes*	0.269		0.150	mg/kg	50	3101215	лн	12-Oct-23	8021B	GC-NC1
Total BTEX	0.347		0.300	mgArg	.50	3101215	л	12-Oct-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			132 %	71.5	-134	3101215	ш	12-0et-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<50.0		50.0	mg/kg	5	3101213	MS	13-Oct-23	8015B	
DRO C10-C28*	4580		50.0	mg/kg	5	3101213	MS	13-Oct-23	8015B	
EXT DRO =-C28-C36	902		50.0	mg/kg	5	3101213	MS	13-Oct-23	8015B	
Surrogate: 1-Chlorooctane			82.3 %	48.2	-134	3101213	MS	13-0et-23	8015B	
Surrogate: 1-Chlorooctadecane			112 %	49.1	-148	3101213	MS	13-0et-23	8015B	

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Page 11 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103			Project Num Project Mana	ber: 22E				1	Reported: 19-Oct-23 08:4	19
				23 - 61 578-10 (S	4' xil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	tories					
Inorganic Compounds										
Chloride	2000		16.0	mg/kg	4	3101317	AC	13-Oct-23	4500-CI-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	-0.050		0.050	mg/kg	50	3101215	ш	12-Oct-23	8021B	
Toluene*	-0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mgArg	50	3101215	л	12-Oct-23	8021B	
Total BTEX	<0.300		0.300	mgArg	50	3101215	л	12-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	71.5	-134	3101215	ш	12-0et-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mgAg	1	3101213	MS	12-Oct-23	8015B	
DRO C10-C28*	137		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
EXT DRO =-C28-C36	75.9		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
Surrogate: 1-Chlorooctane			71.9 %	48.2	-134	3101213	MS	12-0et-23	8015B	
Surrogate: 1-Chlorooctadecane			90.9 %	49.1	-148	3101213	MS	12-Oct-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager

Page 12 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103			Project Num Project Mana	ber: 22E				Reported: 19-Oct-23 08:49			
				23 - 62 578-11 (Se	4' ill)						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l Labora	ories						
Inorganic Compounds											
Chloride	7600		16.0	mg/kg	4	3101317	AC	13-Oct-23	4500-CI-B		
Volatile Organic Compounds by	EPA Method	8021									
Benzene*	-0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B		
Toluene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B		
Ethylbenzene*	-0.050		0.050	mg/kg	50	3101215	н	12-Oct-23	8021B		
Total Xylenes*	<0.150		0.150	mg/kg	50	3101215	л	12-Oct-23	8021B		
Total BTEX	<0.300		0.300	mg/kg	50	3101215	л	12-Oct-23	8021B		
Surrogate: 4-Bromofluorobenzene (PID)			99. 4 %	71.5	-134	3101215	ш	12-0et-23	8021B		
Petroleum Hydrocarbons by GC	FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B		
DRO C10-C28*	35.7		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B		
EXT DRO C28-C36	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B		
Surrogate: 1-Chlorooctane			74.3 %	48.2	-134	3101213	MS	12-0et-23	8015B		
Surrogate: 1-Chlorooctadecane			86.4 %	49.1	-148	3101213	MS	12-Oct-23	8015B		

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Celey D. Keene, Lab Director/Quality Manager

Page 13 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103	!		Project Num Project Mana	ber: 22E				1	Reported: 19-Oct-23 08:4	19
				23 - 63 578-12 (S	4' xil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	ories					
Inorganic Compounds										
Chloride	5680		16.0	mg/kg	4	3101317	AC	13-Oct-23	4500-CI-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3101215	н	12-Oct-23	8021B	
Total BTEX	<0.300		0.300	mgArg	50	3101215	л	12-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	71.5	-134	3101215	ш	12-0et-23	8021B	
Petroleum Hydrocarbons by GO	FID									
GRO C6-C10*	<10.0		10.0	mgAg	1	3101213	MS	12-Oct-23	8015B	
DRO C10-C28*	188		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
EXT DRO =-C28-C36	60.2		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
Surrogate: 1-Chlorooctane			65.5 %	48.2	-134	3101213	MS	12-0et-23	8015B	
Surrogate: 1-Chlorooctadecane			84.9 %	49.1	-148	3101213	MS	12-Oct-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager

Page 14 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103			Project Num Project Mana	ber: 22E				1	Reported: 19-Oct-23 08:4	49
				23 - 147 578-13 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	112		16.0	mg/kg	4	3101317	AC	13-0et-23	4500-CI-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3101215	лн	12-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3101215	л	12-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3101215	л	12-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			102 %	71.5	-134	3101215	л	12-0et-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
DRO =-C10-C28*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
EXT DRO C28-C36	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
Surrogate: 1-Chlorooctane			71.7%	48.2	-134	3101213	MS	12-0et-23	8015B	
Surrogate: 1-Chlorooctadecane			80.6 %	49.1	-148	3101213	MS	12-0et-23	8015B	

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Page 15 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103			Project Num Project Mana	ber: 22E				1	Reported: 19-Oct-23 08:4	19
				23 - 148 578-14 (S						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3101317	AC	13-Oct-23	4500-CI-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B	
Ethylbenzene*	-0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B	
Total Xylenes*	-0.150		0.150	mg/kg	50	3101215	л	12-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3101215	л	12-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5	-134	3101215	л	12-0et-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
DRO =-C10-C28*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
EXT DRO C28-C36	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
Surrogate: 1-Chlorooctane			65.3 %	48.2	-134	3101213	MS	12-0et-23	8015B	
Surrogate: 1-Chlorooctadecane			71.2 %	49.1	-148	3101213	MS	12-Oct-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager

Page 16 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103			Project Num Project Mana	ber: 22E				1	Reported: 19-Oct-23 08:4	49
				23 - 149 578-15 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	608		16.0	mg/kg	4	3101317	AC	13-Oct-23	4500-CI-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	л	13-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3101215	л	13-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3101215	л	13-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3101215	л	13-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3101215	л	13-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5	-134	3101215	ш	13-0et-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
DRO C10-C28*	42.4		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
EXT DRO =-C28-C36	21.7		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
Surrogate: 1-Chlorooctane			72.2 %	48.2	-134	3101213	MS	12-0et-23	8015B	
Surrogate: 1-Chlorooctadecane			83.4 %	49.1	-148	3101213	MS	12-0et-23	8015B	

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RUME RUTE: Lability and Damage. Controls buility and durct excision memory for any data mixing, whether lands in a context or tart, shall be limble to the amount part by durct for anytypes. All datas, including these for anytypes at any of the case whether whether and is described and the security of the anyther beams of the material or context or tart, shall be limble to the security datas at a context or anyther anyther datas and the security of the anyther beams of the material or context or tart, shall be limble to the performance of the section lawards for anyther anyther datas and the section. This may of all and the limble and the section lawards for anyther and at a section lawards or tart and the section lawards at a section lawards for all and the section lawards for all and the section lawards for anyther and at a section lawards at a section laward at a section lawards at a section laward at a section laward at a section laward at any included and the section lawards at any included and the section lawards at a section laward at a section laward at a section lawards at a section lawards at any section laward at a section lawards at any included and the section lawards at a section lawards.

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Celey D. Keene, Lab Director/Quality Manager

Page 17 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103			Project Num Project Mana	ber: 2	PLATT PA BAT 22E-00123-14 CHANCE DIXO			1	Reported: 9-Oct-23 08:4	19
			WES 2 H235578							
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labo	ratories					
Inorganic Compounds										
Chloride	544		16.0	mg/kg	3 4	3101317	AC	17-Oct-23	4500-CI-B	

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Page 18 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103	Project: PLATT PA BATTERY Project Number: 22E-00123-14 Project Manager: CHANCE DIXON Fax To: NA	Reported: 19-Oct-23 08:49
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Inorganic Compounds - Quality Control

		Cardin	ial Lab	oratories						
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3101317 - 1:4 DI Water										
Blank (3101317-BLK1)				Prepared &	Analyzed:	13-Oct-23				
Chloride	ND	16.0	mg/kg							
LCS (3101317-BS1)				Prepared &	Analyzed:	13-Oct-23				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3101317-BSD1)				Prepared &	Analyzed:	13-Oct-23				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 3101318 - 1:4 DI Water										
Blank (3101318-BLK1)				Prepared &	Analyzed:	13-Oct-23				
Chloride	ND	16.0	mg/kg							
LCS (3101318-BS1)				Prepared &	Analyzed:	13-Oct-23				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3101318-BSD1)				Prepared &	Analyzed:	13-Oct-23				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Page 19 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202	Project: Project Number:	PLATT PA BATTERY 22E-00123-14	Reported: 19-Oct-23 08:49
TULSA OK, 74103	Project Manager:	CHANCE DIXON	
-	Fax To:	NA	

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3101215 - Volatiles										
Blank (3101215-BLK1)				Prepared &	Analyzed:	12-Oct-23				
Benzene	ND	0.050	mg/kg	-						
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0522		mg/kg	0.0500		104	71.5-134			
LCS (3101215-BS1)				Prepared &	: Analyzed:	12-Oct-23				
Benzene	1.96	0.050	mg/kg	2.00		98.1	82.8-130			
Toluene	1.86	0.050	mg/kg	2.00		93.1	86-128			
Ethylbenzene	1.92	0.050	mg/kg	2.00		95.9	85.9-128			
m.p-Xylene	3.85	0,100	mg/kg	4.00		96.2	89-129			
o-Xylene	1.92	0.050	mg/kg	2.00		96.1	86.1-125			
Total Xylenes	5.77	0.150	mg/kg	6.00		96.2	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0495		mg/kg	0.0500		99.0	71.5-134			
LCS Dup (3101215-BSD1)				Prepared &	Analyzed:	12-Oct-23				
Benzene	2.03	0.050	mg/kg	2.00		101	82.8-130	3.27	15.8	
Toluene	1.90	0.050	mg/kg	2.00		95.0	86-128	2.04	15.9	
Ethylbenzene	1.96	0.050	mg/kg	2.00		97.9	85.9-128	2.10	16	
m.p-Xylene	3.89	0,100	mg/kg	4.00		97.2	89-129	1.08	16.2	
o-Xylene	1.94	0.050	mg/kg	2.00		97.2	86.1-125	1.17	16.7	
Total Xylenes	5.83	0.150	mg/kg	6.00		97.2	88.2-128	1.11	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0495		mg/kg	0.0500		99.1	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager

Page 20 of 24



Analytical Results For:

	VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202	Project: Project Number:	PLATT PA BATTERY 22E-00123-14	Reported: 19-Oct-23 08:49	
	TULSA OK, 74103	Project Manager:	CHANCE DIXON		
_ 1	1	Fax To:	NA		

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories										
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Note
Batch 3101213 - General Prep - Organics										
Blank (3101213-BLK1) Prepared & Analyzed: 12-Oct-23										
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	42.5		mg/kg	50.0		85.0	48.2-134			
Surrogate: 1-Chlorooctadecane	49.6		mg/kg	50.0		99.2	49.1-148			
LCS (3101213-BS1)				Prepared: 1	12-Oct-23 A	nalyzed: 1	3-Oct-23			
GR0 C6-C10	195	10.0	mg/kg	200		97.7	66.4-123			
DRO >C10-C28	205	10.0	mg/kg	200		102	66.5-118			
Total TPH C6-C28	400	10.0	mg/kg	400		100	77.6-123			
Surrogate: 1-Chlorooctane	44.3		mg/kg	50.0		88.6	48.2-134			
Surrogate: 1-Chlorooctadecane	45.8		mg/kg	50.0		91.6	49.1-148			

			19.48						
LCS Dup (3101213-BSD1)				Prepared & An	alyzed: 12-Oct-23				
GRO C6-C10	186	10.0 n	ng/kg	200	93.0	66.4-123	4.91	17.7	
DRO >C10-C28	194	10.0 n	ng/kg	200	97.1	66.5-118	5.29	21	
Total TPH C6-C28	380	10.0 n	ng/kg	400	95.0	77.6-123	5.10	18.5	
Surrogate: 1-Chlorooctane	44.5		ngkg	50.0	89.0	48.2-134			
Surrogate: 1-Chlorooctadecane	48.7		ng/kg	50.0	97.5	49.1-148			

Cardinal Laboratories

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RUME RUTE: Lability and Damage. Controls buility and durct excision memory for any data mixing, whether lands in a context or tart, shall be limble to the amount part by durct for anytypes. All datas, including these for anytypes at any of the case whether whether and is described and the security of the anyther beams of the material or context or tart, shall be limble to the security datas at a context or anyther anyther datas and the security of the anyther beams of the material or context or tart, shall be limble to the performance of the section lawards for anyther anyther datas and the section. This may of all and the limble and the section lawards for anyther and at a section lawards or tart and the section lawards at a section lawards for all and the section lawards for all and the section lawards for anyther and at a section lawards at a section laward at a section lawards at a section laward at a section laward at a section laward at any included and the section lawards at any included and the section lawards at a section laward at a section laward at a section lawards at a section lawards at any section laward at a section lawards at any included and the section lawards at a section lawards.

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Page 21 of 24



Notes and Definitions

5-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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 SM4500CI-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

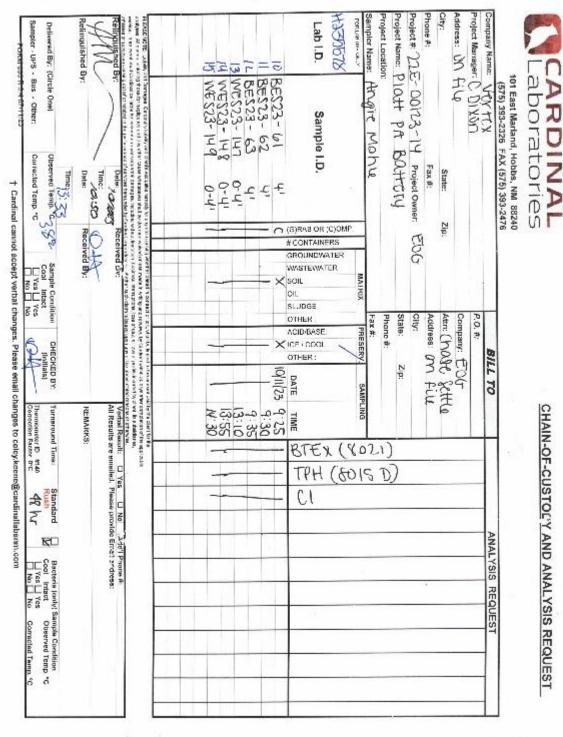
R5ME HOTE: Lability and Damages. Contrarts lability and denth exclusive remedy for any dain arking whether lased in contract or tort, shall be limited to the annuat paid by cleant for analyses. All cleans, including these for neglepson at any other cause whethere we also be densed waters in witting and moment by Cardinal wittin Totay (22) days, their completion of the applicable annual. In one west shall Cardinal law limits in the profession of the applicable annual totay (22) days, their completion of the applicable annual. In one west shall Cardinal law limits in the profession of the applicable annual totage and the applicable annual totage annu

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Celey D. Keene, Lab Director/Quality Manager

Page 22 of 24

Received by OCD: 12/28/2023 12:47:03 PM

Reclinquished By: Reclinquished	P.O. M: Sale: Zip: Address: P.O. M: Fax #: Fax #: Fax #: Company: EDC Fax #: Fax #: Fax #: City: Address: P.O. M: PIOLH: PA. B.O.HCM Fax #: Fax #: Fax #: Phone #: PIOLH: PA. B.O.HCM Fax #: Fax #: Phone #: Phone #: PIOLH: P.O.M: Fax #: Fax #: Phone #: Phone #: PIOLH: P.O.M: Fax #: Fax #: Phone #: Phone #: PIOLH: P.O.M: Fax #: Fax #: Phone #: Phone #: PIOLH: P.O.M: Fax #: Fax #: Phone #: Phone #: PIOLH: P.O.M: Gity: Fax #: Phone #: Phone #: PIOLH: P.O.M: Gity: Fax #: Phone #: Phone #: PIOLH: P.O.M: Gity: Fax #: Phone #: Phone #: Phone #: PIOLH: P.O.M: Gity: Fax #: Phone #: Phone #: Phone #: PIOLH: PIOLH: Phone #: Phone #: Phone #: Phone #: Phone #: PIOLI: PIOLI: Phone #: <	L. 己 D O F CL O F I E S 101 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 ぼんし T I ビン Company Name: ハイアメーク ぼんし T I ビン
Vichal Result: U Yes I No Add'i Prome 4: All Results are amailed. Please provide Email address: REMARKS: Tumanound Time: Standard I Becleris (only) Semple Condition Thermometeria Mide Hush Cool Intact Observed Temp. *C Thermometeria *C U N N U Kat No Conserved Temp. *C	олте пине олте пине 00163 9:05 9:06 9:06 9:06 9:06 9:06 10:0000 10:0000 10:0000 10:0000 10:0000 10:0000 10:0000	ANALYSIS REQUEST





October 20, 2023 CHANCE DIXON VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA, OK 74103

RE: PLATT PA BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/19/23 14:45.

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.tceg.texas.gov/field/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

Celeg D. Keene .-

Celey D. Keene Lab Director/Quality Manager

Page 1 of 20

.



10/12/2023

Cool & Intact

Tamara Oldaker

Soil

Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DDXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	10/19/2023	Sampling Date:
Reported:	10/20/2023	Sampling Type:
Project Name:	PLATT PA BATTERY	Sampling Condition:
Project Number:	22E-00123-14	Sample Received By:
Project Location:	EOG	

Sample ID: BES 23 - 64 4' (H235721-01) BTEX 8021B mg/kg

BTEX 8021B	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.05	103	2.00	6.57	
Toluene*	<0.050	0.050	10/20/2023	ND	2.10	105	2.00	7.35	
Ethylbenzene*	<0.050	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.39	106	6.00	5.92	
Total BTEX	<0.300	0.300	10/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 98.4 % 71.5-134

Chioride, SM4500CI-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	10/20/2023	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 05-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	262	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	196	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	92.9	% 48.2-13	4						

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

REASE NOTE: Labelity and Damages. Cardinals bablity and clears's exclusion manally for any clean artisting, whether based in contract or tor, dual be limited to the amount paid by clears for manages. All clears, including those for maginguous and any other cause whethermer dual be demand wated under made in manales by Contral within thiny (KE) disp after completion of the applicable annios. In the sent dual Cardinal be blain for including those for maginguous and including, whether bindings, basines interruptions, base of use, or loss of parts increased in the applicable annios. The manages for applicable and the binding of the annious behavior. The sent dual Cardinal interpretation of the annious behavior and the binding of the annious behavior and the binding and of whether each cliais bland group of the above based manages of whether alows. This reproduced coupse of the distribution and the sent sent dual click in applicable of the binding and of the binding and of the sent based in the sentence in the sentence based of the sentence base

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Celey D. Keene, Lab Director/Quality Manager

Page 2 of 20



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/20/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

10/19/2023

10
So
Co
Та

0/12/2023 oil ool & Intact amara Oldaker

Sample ID: BES 23 - 65 4' (H235721-02) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.05	103	2.00	6.57	
Toluene*	<0.050	0.050	10/20/2023	ND	2.10	105	2.00	7.35	
Ethylbenzene*	<0.050	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.39	106	6.00	5.92	
Total BTEX	<0.300	0.300	10/20/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 97.8 % 71.5-134

Chloride, SM4500CI-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	10/20/2023	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 06-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	75.2	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	34.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

RANE NOTE: Lability and Damages. Cardinals Multity and checks exclusion remedy for any clean artising, whether based in context or tor, duel be limited to the annuax paid by direct for analyses. All daires, including those for majoress and any other cause whethere shall be deemed whether unless made in westing and meshed by Cardinal within 1987 (24) days after completion of the application extrast. In so event duel Cardinal los halos for includent or consequential damages, including, welcost limitation, lossiones interruptions, issue of cardinal loss profile and the application extrast. The specific and the application extra the application extrast and the application extra the application extrast and the application extra the application

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Celey D. Keene, Lab Director/Quality Manager

Page 3 of 20



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/20/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

10/19/2023

Sampling Date:	10
Sampling Type:	So
Sampling Condition:	Co
Sample Received By:	Та

0/12/2023 oil ool & Intact amara Oldaker

Sample ID: BES 23 - 67 4' (H235721-03) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.05	103	2.00	6.57	
Toluene*	<0.050	0.050	10/20/2023	ND	2.10	105	2.00	7.35	
Ethylbenzene*	0.085	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.39	106	6.00	5.92	
Total BTEX	<0.300	0.300	10/20/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 106 % 71.5-134

Chioride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 06-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DR0 >C10-C28*	3170	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	691	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	85.7	% 48.2-13	4						

Surrogate: 1-Chlorooctadecane 90.5% 49.1-148

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RANE NOTE: Lability and Damages. Cardinals Multity and checks exclusion remedy for any clean artising, whether based in context or tor, duel be limited to the annuax paid by direct for analyses. All daires, including those for majoress and any other cause whethere shall be deemed whether unless made in westing and meshed by Cardinal within 1987 (24) days after completion of the application extrast. In so event duel Cardinal los halos for includent or consequential damages, including, welcost limitation, lossiones interruptions, issue of cardinal loss profile and the application extrast. The specific and the application extra the application extrast and the application extra the application extrast and the application extra the application

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Celey D. Keene, Lab Director/Quality Manager

Page 4 of 20



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/20/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

10/19/2023

Sampling Date:	10/12/2023
Sampling Type:	Soil
Sampling Condition:	Cool & Intac
Sample Received By:	Tamara Olda

8 Intact ara Oldaker

Sample ID: BES 23 - 68 4' (H235721-04) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.05	103	2.00	6.57	
Toluene*	< 0.050	0.050	10/20/2023	ND	2.10	105	2.00	7.35	
Ethylbenzene*	0.095	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	0.219	0.150	10/20/2023	ND	6.39	106	6.00	5.92	GC-NC1
Total BTEX	0.313	0.300	10/20/2023	ND					GC-NC1

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 107 % 71.5-134

Chioride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	13.8	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	5790	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	1210	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	79.8	% 48.2-13	4						

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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RANE NOTE: Lability and Damages. Cardinals Multity and checks exclusion remedy for any clean artising, whether based in context or tor, duel be limited to the annuax paid by direct for analyses. All daires, including those for majoress and any other cause whethere shall be deemed whether unless made in westing and meshed by Cardinal within 1987 (24) days after completion of the application extrast. In so event duel Cardinal los halos for includent or consequential damages, including, welcost limitation, lossiones interruptions, issue of cardinal loss profile and the application extrast. The specific and the application extra the application extrast and the application extra the application extrast and the application extra the application

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Celey D. Keene, Lab Director/Quality Manager

Page 5 of 20



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/20/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

10/19/2023

Sampling Date:	10
Sampling Type:	So
Sampling Condition:	G
	Та
Sample Received By:	1

0/12/2023 oil ool & Intact amara Oldaker

Sample ID: BES 23 - 70 4' (H235721-05) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.05	103	2.00	6.57	
Toluene*	<0.050	0.050	10/20/2023	ND	2.10	105	2.00	7.35	
Ethylbenzene*	<0.050	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.39	106	6.00	5.92	
Total BTEX	<0.300	0.300	10/20/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 96.1% 71.5-134

Chloride, SM4500CI-B	mg.	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6080	16.0	10/20/2023	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 05-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	1060	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	288	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						

Surrogate: 1-Chlorooctadecane 81.6% 49.1-148

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RANE NOTE: Lability and Damages. Cardinals Multity and checks exclusion remedy for any clean artising, whether based in context or tor, duel be limited to the annuax paid by direct for analyses. All daires, including those for majoress and any other cause whethere shall be deemed whether unless made in westing and meshed by Cardinal within 1987 (24) days after completion of the application extrast. In so event duel Cardinal los halos for includent or consequential damages, including, welcost limitation, lossiones interruptions, issue of cardinal loss profile and the application extrast. The specific and the application extra the application extrast and the application extra the application extrast and the application extra the application

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Celey D. Keene, Lab Director/Quality Manager

Page 6 of 20



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/20/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

10/19/2023

Sampling Date:	10
Sampling Type:	So
Sampling Condition:	G
Sample Received By:	Та

0/12/2023 oil ool & Intact amara Oldaker

Sample ID: BES 23 - 71 4' (H235721-06) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.05	103	2.00	6.57	
Toluene*	<0.050	0.050	10/20/2023	ND	2.10	105	2.00	7.35	
Ethylbenzene*	<0.050	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.39	106	6.00	5.92	
Total BTEX	<0.300	0.300	10/20/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 95.9 % 71.5-134

Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	10/20/2023	ND	416	104	400	3.77	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 05-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DR0 >C10-C28*	98.5	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	31.7	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	84.1	% 48.2-13	4						

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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RANE NOTE: Lability and Damages. Cardinals Multity and checks exclusion remedy for any clean artising, whether based in context or tor, duel be limited to the annuax paid by direct for analyses. All daires, including those for majoress and any other cause whethere shall be deemed whether unless made in westing and meshed by Cardinal within 1987 (24) days after completion of the application extrast. In so event duel Cardinal los halos for includent or consequential damages, including, welcost limitation, lossiones interruptions, issue of cardinal loss profile and the application extrast. The specific and the application extra the application extrast and the application extra the application extrast and the application extra the application

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Celey D. Keene, Lab Director/Quality Manager

Page 7 of 20



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/20/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

10/19/2023

Sampling Date:	10
Sampling Type:	So
Sampling Condition:	Co
Sample Received By:	Та

0/12/2023 oil ool & Intact amara Oldaker

Sample ID: BES 23 - 72 4' (H235721-07) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.05	103	2.00	6.57	
Toluene*	<0.050	0.050	10/20/2023	ND	2.10	105	2.00	7.35	
Ethylbenzene*	<0.050	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.39	106	6.00	5.92	
Total BTEX	<0.300	0.300	10/20/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 95.2 % 71.5-134

Chioride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8100	16.0	10/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 05-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DR0 >C10-C28*	52.0	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DR0 >C28-C36	49.6	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

RANE NOTE: Lability and Damages. Cardinals Multity and checks exclusion remedy for any clean artising, whether based in context or tor, duel be limited to the annuax paid by direct for analyses. All daires, including those for majoress and any other cause whethere shall be deemed whether unless made in westing and meshed by Cardinal within 1987 (24) days after completion of the application extrast. In so event duel Cardinal los halos for includent or consequential damages, including, welcost limitation, lossiones interruptions, issue of cardinal loss profile and the application extrast. The specific and the application extra the application extrast and the application extra the application extrast and the application extra the application

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Celey D. Keene, Lab Director/Quality Manager

Page 8 of 20



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/20/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

10/19/2023

Sampling Date:	10
Sampling Type:	Sc
Sampling Condition:	Co
Sample Received By:	Та

0/12/2023 oil ool & Intact amara Oldaker

Sample ID: BES 23 - 73 4' (H235721-08) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.05	103	2.00	6.57	
Toluene*	<0.050	0.050	10/20/2023	ND	2.10	105	2.00	7.35	
Ethylbenzene*	<0.050	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.39	106	6.00	5.92	
Total BTEX	<0.300	0.300	10/20/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 95.0 % 71.5-134

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	10/20/2023	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 06-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DR0 >C10-C28*	41.1	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	17.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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RANE NOTE: Lability and Damages. Cardinals Multity and checks exclusion remedy for any clean artising, whether based in context or tor, duel be limited to the annuax paid by direct for analyses. All daires, including those for majoress and any other cause whethere shall be deemed whether unless made in westing and meshed by Cardinal within 1987 (24) days after completion of the application extrast. In so event duel Cardinal los halos for includent or consequential damages, including, welcost limitation, lossiones interruptions, issue of cardinal loss profile and the application extrast. The specific and the application extra the application extrast and the application extra the application extrast and the application extra the application

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Celey D. Keene, Lab Director/Quality Manager

Page 9 of 20



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/20/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

10/19/2023

Sampling Date:	10
Sampling Type:	So
Sampling Condition:	G
Sample Received By:	Та

0/12/2023 oil ool & Intact amara Oldaker

Sample ID: BES 23 - 74 4' (H235721-09) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.05	103	2.00	6.57	
Toluene*	<0.050	0.050	10/20/2023	ND	2.10	105	2.00	7.35	
Ethylbenzene*	<0.050	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.39	106	6.00	5.92	
Total BTEX	<0.300	0.300	10/20/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 95.1% 71.5-134

Chloride, SM4500CI-B mg/kg Analyzed By: AC		d By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	10/20/2023	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 05-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	186	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	153	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

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RANE NOTE: Lability and Damages. Cardinals Multity and checks exclusion remedy for any clean artising, whether based in context or tor, duel be limited to the annuax paid by direct for analyses. All daires, including those for majoress and any other cause whethere shall be deemed whether unless made in westing and meshed by Cardinal within 1987 (24) days after completion of the application extrast. In so event duel Cardinal los halos for includent or consequential damages, including, welcost limitation, lossiones interruptions, issue of cardinal loss profile and the application extrast. The specific and the application extra the application extrast and the application extra the application extrast and the application extra the application

والمستناع والثاري والمتكاه المتك

Celey D. Keene, Lab Director/Quality Manager

Page 10 of 20



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/20/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

10/19/2023

Sampling Date:	10
Sampling Type:	S
Sampling Condition:	Co
	-
Sample Received By:	Ta

0/12/2023 oil ool & Intact amara Oldaker

Sample ID: BES 23 - 75 4' (H235721-10) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.05	103	2.00	6.57	
Toluene*	<0.050	0.050	10/20/2023	ND	2.10	105	2.00	7.35	
Ethylbenzene*	<0.050	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.39	106	6.00	5.92	
Total BTEX	<0.300	0.300	10/20/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 93.3 % 71.5-134

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	10/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 05-C10*	<10.0	10.0	10/20/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	21.3	10.0	10/20/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	10/20/2023	ND					
Surrogate: 1-Chlorooctane	84.6	6 48.2-13	4						

Surrogate: 1-Chlorooctadecane 98.2.% 49.1-148

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RANDE NOTE: tablity and burnages. Cardinal's hiddly and dent's exclusive remarks for any clean animg, whether leans in context or tor, duel to instand to the annount part by dent for analyses. All dains, including those for negligence and any other cause whethere clual is deemed worked unless made in writing and reached by Cardinal by Cardinal (C. Cardinal and Saraha), and the set and Cardinal to balls for including whether leans a whethere works and the set of the annount part by dent. The monther has clualed or consequential damages, including, which instants, including and the set of parts incomed by Cardinal, adding and and an annount part of the annount part of the annount and the set of parts incomed in the parts and and the set of the annount of the annount and the set of the annount of the annount and the set of the annount and the set of the annount and the set of the annount of the annount and the set of the annount of the annount and the set of the annount of the annount and the set of the annount of the annount and the set of the annount of the annount and the set of the annount of the annount and the set of the annount of the annount and the set of the annount of the annount and the set of the annount of the annount and the set of the annount of the annount announce of the annount announce of the annount announce of the ann

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Celey D. Keene, Lab Director/Quality Manager

Page 11 of 20



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/20/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

10/19/2023

Sampling Date:	10
Sampling Type:	So
Sampling Condition:	Co
Sample Received By:	Та

0/12/2023 oil ool & Intact amara Oldaker

Sample ID: BES 23 - 76 4' (H235721-11) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.05	103	2.00	6.57	
Toluene*	<0.050	0.050	10/20/2023	ND	2.10	105	2.00	7.35	
Ethylbenzene*	<0.050	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.39	106	6.00	5.92	
Total BTEX	<0.300	0.300	10/20/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 104 % 71.5-134

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	10/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 05-C10*	<10.0	10.0	10/20/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	27.5	10.0	10/20/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	10/20/2023	ND					
Surrogate: 1-Chlorooctane	84.4	6 48.2-13	4						

Surrogate: 1-Chlorooctadecane 98.2.% 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

Page 12 of 20



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/20/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

10/19/2023

Sampling Date:	10
Sampling Type:	So
Sampling Condition:	Co
Sample Received By:	Та

0/13/2023 oil ool & Intact amara Oldaker

Sample ID: BES 23 - 78 4' (H235721-12) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.05	103	2.00	6.57	
Toluene*	<0.050	0.050	10/20/2023	ND	2.10	105	2.00	7.35	
Ethylbenzene*	<0.050	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.39	106	6.00	5.92	
Total BTEX	<0.300	0.300	10/20/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 103 % 71.5-134

Chloride, SM4500CI-B	ide, SM4500CI-B mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	10/20/2023	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 05-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	93.2	% 48.2-13	4						

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

Page 13 of 20



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/20/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

10/19/2023

Sampling Date:	10
Sampling Type:	So
Sampling Condition:	G
	Та
Sample Received By:	1

0/13/2023 41 ol & Intact amara Oldaker

Sample ID: BES 23 - 79 4' (H235721-13) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.05	103	2.00	6.57	
Toluene*	<0.050	0.050	10/20/2023	ND	2.10	105	2.00	7.35	
Ethylbenzene*	<0.050	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.39	106	6.00	5.92	
Total BTEX	<0.300	0.300	10/20/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 103 % 71.5-134

Chloride, SM4500CI-B	B mg/kg Analyzed By: AC		d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7800	16.0	10/20/2023	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 06-C10*	<10.0	10.0	10/20/2023	ND	196	98.1	200	4.26	
DR0 >C10-C28*	157	10.0	10/20/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	51.6	10.0	10/20/2023	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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والمستناع والثاري والمتكاه المتك

Celey D. Keene, Lab Director/Quality Manager

Page 14 of 20



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/20/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

10/19/2023

Sampling Date:	10
Sampling Type:	So
Sampling Condition:	Co
Sample Received By:	Та
	1

/13/2023 1 ol & Intact amara Oldaker

Sample ID: BES 23 - 80 4' (H235721-14) BTEX 8021B

			sumples of the						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.05	103	2.00	6.57	
Toluene*	<0.050	0.050	10/20/2023	ND	2.10	105	2.00	7.35	
Ethylbenzene*	<0.050	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.39	106	6.00	5.92	
Total BTEX	<0.300	0.300	10/20/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 103 % 71.5-134

Chioride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	10/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 06-C10*	<10.0	10.0	10/20/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	582	10.0	10/20/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	340	10.0	10/20/2023	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						

115 % Surrogate: 1-Chlorooctadecane 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

Page 15 of 20



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/20/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

10/19/2023

Sampling Date:	10
Sampling Type:	So
Sampling Condition:	Co
Sample Received By:	Та

0/13/2023 oil ool & Intact amara Oldaker

Sample ID: BES 23 - 66 5' (H235721-15) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.05	103	2.00	6.57	
Toluene*	<0.050	0.050	10/20/2023	ND	2.10	105	2.00	7.35	
Ethylbenzene*	<0.050	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.39	106	6.00	5.92	
Total BTEX	<0.300	0.300	10/20/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 112 % 71.5-134

Chioride, SM4500CI-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	10/20/2023	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 05-C10*	<10.0	10.0	10/19/2023	ND	182	90.9	200	1.33	
DRO >C10-C28*	256	10.0	10/19/2023	ND	195	97.7	200	0.530	
EXT DRO >C28-C36	39.7	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	91.9	% 48.2-13	4						

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

Cardinal Laboratories

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RANE NOTE: Lability and Damages. Cardinals Multity and checks exclusion remedy for any clean artising, whether based in context or tor, duel be limited to the annuax paid by direct for analyses. All daires, including those for majoress and any other cause whethere shall be deemed whether unless made in westing and meshed by Cardinal within 1987 (24) days after completion of the application extrast. In so event duel Cardinal los halos for includent or consequential damages, including, welcost limitation, lossiones interruptions, issue of cardinal loss profile and the application extrast. The specific and the application extra the application extrast and the application extra the application extrast and the application extra the application

والمستناع والثاري والمتكاه المتك

Celey D. Keene, Lab Director/Quality Manager

Page 16 of 20



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/20/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

10/19/2023

Sampling Date:	10
Sampling Type:	S
Sampling Condition:	C
Sample Received By:	Ta

0/13/2023 oil ool & Intact amara Oldaker

Sample ID: BES 23 - 77 5' (H235721-16) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.05	103	2.00	6.57	
Toluene*	<0.050	0.050	10/20/2023	ND	2.10	105	2.00	7.35	
Ethylbenzene*	<0.050	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.39	106	6.00	5.92	
Total BTEX	<0.300	0.300	10/20/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 105 % 71.5-134

Chioride, SM4500CI-B	mg.	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3240	16.0	10/20/2023	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 05-C10*	<10.0	10.0	10/19/2023	ND	182	90.9	200	1.33	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	195	97.7	200	0.530	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	92.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

Page 17 of 20



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.
GC-NC1	8260 confirmation analysis was performed; Initial GC results were not supported by GC/MS analysis and are biased high with Interfering compounds.
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 SM4500CI-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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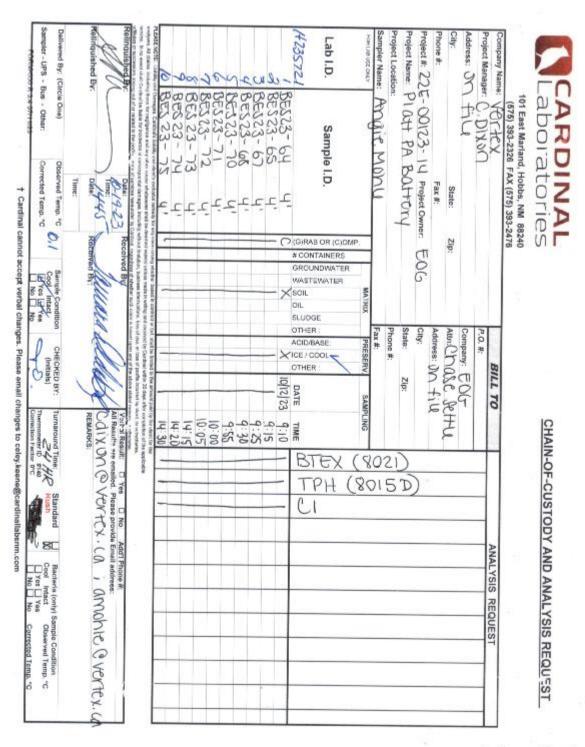
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Celey D. Keene, Lab Director/Quality Manager

Page 18 of 20



Page 19 of 20

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Page 20 of 20

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October 20, 2023 CHANCE DIXON VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA, OK 74103

RE: PLATT TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/19/23 14:45.

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.tceg.texas.gov/field/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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,

Celeg D. Keene .-

Celey D. Keene Lab Director/Quality Manager

Page 1 of 16



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DDXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:	10/19/2023 10/20/2023 PLATT TANK BATTERY NONE GIVEN NONE GIVEN	Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	10/17/2023 Soil Cool & Intact Tamara Oldaker
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Sample ID: BES 23 - 55 6' (H235720-01)

Sample 10, DES 23 - 55 0	(1233/20-0	· .)								
BTEX 8021B	mg/kg		Analyzed By: JH						S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.118	0.100	10/20/2023	ND	2.16	108	2.00	2.19		
Toluene*	0.545	0.100	10/20/2023	ND	2.08	104	2.00	3.71	GC-NC1	
Ethylbenzene*	9.84	0.100	10/20/2023	ND	2.17	108	2.00	4.59		
Total Xylenes*	13.2	0.300	10/20/2023	ND	6.53	109	6.00	5.05		
Total BTEX	23.7	0.600	10/20/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PIL 135 % 71.5-134

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GR0 05-C10*	828	100	10/19/2023	ND	206	103	200	1.90	
DRO >C10-C28*	5270	100	10/19/2023	ND	195	97.7	200	3.68	
EXT DRO >C28-C36	946	100	10/19/2023	ND					
Surrogate: 1-Chlorooctane	202 9	6 48.2-13	4						

Surrogate: 1-Chlorooctadecane 178 % 49.1-148

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Page 2 of 16



10/17/2023 Soil Cool & Intact Tamara Oldaker

Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DDXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	10/19/2023	Sampling Date:
Reported:	10/20/2023	Sampling Type:
Project Name:	PLATT TANK BATTERY	Sampling Condition:
Project Number:	NONE GIVEN	Sample Received By:
Project Location:	NONE GIVEN	

49.1-148

Sample ID: BES 23 - 56 6' (H235720-02) BTEX 80218 mo/kn

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	10/20/2023	ND	2.16	108	2.00	2.19	
Toluene*	<0.500	0.500	10/20/2023	ND	2.08	104	2.00	3.71	
Ethylbenzene*	35.2	0.500	10/20/2023	ND	2.17	108	2.00	4.59	
Total Xylenes*	24.3	1.50	10/20/2023	ND	6.53	109	6.00	5.05	
Total BTEX	59.5	3.00	10/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 126 % 71.5-134

Chioride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	931	100	10/19/2023	ND	206	103	200	1.90	
DR0 >C10-C28*	3710	100	10/19/2023	ND	195	97.7	200	3.68	
EXT DRO >C28-C36	656	100	10/19/2023	ND					
Surrogate: 1-Chlorooctane	169	% 48.2-13	4						

Surrogate: 1-Chlorooctadecane 149 %

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Page 3 of 16



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DDXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	10/19/2023	Sampling Date:	10/17/2023
Reported:	10/20/2023	Sampling Type:	Soil
Project Name:	PLATT TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: WES 23 - 151 14' (H235720-03)

oumpre 101 meo 10 - 101									
BTEX 8021B	mg,	/kg	Analyze	Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	10/20/2023	ND	2.16	108	2.00	2.19	
Toluene*	0.929	0.500	10/20/2023	ND	2.08	104	2.00	3.71	GC-NC1
Ethylbenzene*	32.6	0.500	10/20/2023	ND	2.17	108	2.00	4.59	
Total Xylenes*	23.7	1.50	10/20/2023	ND	6.53	109	6.00	5.05	
Total BTEX	57.2	3.00	10/20/2023	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PIL 151% 71.5-134

Chioride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1190	100	10/19/2023	ND	206	103	200	1.90	
DRO >C10-C28*	5320	100	10/19/2023	ND	195	97.7	200	3.68	
EXT DRO >C28-C36	1040	100	10/19/2023	ND					
Surrogate: 1-Chlorooctane	230 9	6 48.2-13	4						

49.1-148

Surrogate: 1-Chlorooctadecane 198 %

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Page 4 of 16



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DDXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	10/19/2023	Sampling Date:	10/17/2023
Reported:	10/20/2023	Sampling Type:	Soil
Project Name:	PLATT TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: WES 23 - 152 14' (H235720-04)

Sample Tot HES TO TOT									
BTEX 8021B	mg/	'kg	Analyze	d By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.16	108	2.00	2.19	
Toluene*	0.297	0.050	10/20/2023	ND	2.08	104	2.00	3.71	GC-NC1
Ethylbenzene*	2.81	0.050	10/20/2023	ND	2.17	108	2.00	4.59	
Total Xylenes*	7.05	0.150	10/20/2023	ND	6.53	109	6.00	5.05	
Total BTEX	10.2	0.300	10/20/2023	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PIL 143 % 71.5-134

Chioride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GR0 05-C10*	319	100	10/19/2023	ND	206	103	200	1.90	
DRO >C10-C28*	2670	100	10/19/2023	ND	195	97.7	200	3.68	
EXT DRO >C28-C36	433	100	10/19/2023	ND					
Surrogate: 1-Chlorooctane	173 9	6 48.2-13	4						

Surrogate: 1-Chlorooctadecane 175 % 49.1-148

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Page 5 of 16



10/17/2023 Soil Cool & Intact Tamara Oldaker

Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DDXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	10/19/2023	Sampling Date:
Reported:	10/20/2023	Sampling Type:
Project Name:	PLATT TANK BATTERY	Sampling Condition:
Project Number:	NONE GIVEN	Sample Received By:
Project Location:	NONE GIVEN	

Sample ID: BES 23 - 69 8' (H235720-05)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.16	108	2.00	2.19	
Toluene*	<0.050	0.050	10/20/2023	ND	2.08	104	2.00	3.71	
Ethylbenzene*	0.598	0.050	10/20/2023	ND	2.17	108	2.00	4.59	
Total Xylenes*	0.501	0.150	10/20/2023	ND	6.53	109	6.00	5.05	
Total BTEX	1.10	0.300	10/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 162 % 71.5-134

Chioride, SM4500CI-B	mg/	mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	10/20/2023	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
GR0 06-C10*	89.2	10.0	10/20/2023	ND	206	103	200	1.90	
DRO >C10-C28*	1230	10.0	10/20/2023	ND	195	97.7	200	3.68	
EXT DRO >C28-C36	265	10.0	10/20/2023	ND					
Surrogate: 1-Chlorooctane	1179	6 48.2-13	4						

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

Page 6 of 16



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DDXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	10/19/2023	Sampling Date:	10/17/2023
Reported:	10/20/2023	Sampling Type:	Soil
Project Name:	PLATT TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		
-			

Sample ID: BES 23 - 69 14' (H235720-06)

BTEX 80218	mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	10/20/2023	ND	2.16	108	2.00	2.19	
Toluene*	0.241	0.100	10/20/2023	ND	2.08	104	2.00	3.71	GC-NC1
Ethylbenzene*	11.5	0.100	10/20/2023	ND	2.17	108	2.00	4.59	
Total Xylenes*	3.31	0.300	10/20/2023	ND	6.53	109	6.00	5.05	
Total BTEX	15.1	0.600	10/20/2023	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PIL 195 % 71.5-134

Chioride, SM4500CI-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	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GR0 05-C10*	381	100	10/19/2023	ND	206	103	200	1.90	
DRO >C10-C28*	2860	100	10/19/2023	ND	195	97.7	200	3.68	
EXT DRO >C28-C36	490	100	10/19/2023	ND					
Surrogate: 1-Chlorooctane	169 1	6 48.2-13	4						

49.1-148

Surrogate: 1-Chlorooctadecane 176 %

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Celey D. Keene, Lab Director/Quality Manager

Page 7 of 16



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DDXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	10/19/2023	Sampling Date:	10/17/2023
Reported:	10/20/2023	Sampling Type:	Soil
Project Name:	PLATT TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: BES 23 - 69 12' (H235720-07)

BTEX 8021B	mg/		Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.16	108	2.00	2.19	
Toluene*	<0.050	0.050	10/20/2023	ND	2.08	104	2.00	3.71	
Ethylbenzene*	0.932	0.050	10/20/2023	ND	2.17	108	2.00	4.59	
Total Xylenes*	0.612	0.150	10/20/2023	ND	6.53	109	6.00	5.05	
Total BTEX	1.54	0.300	10/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 155 % 71.5-134

Chioride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	10/20/2023	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*	76.9	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	1090	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	181	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

Page 8 of 16



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DDXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	10/19/2023	Sampling Date:	10/17/2023
Reported:	10/20/2023	Sampling Type:	Soil
Project Name:	PLATT TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: BES 23 - 69 10' (H235720-08)

BTEX 80218	mg/		Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	10/20/2023	ND	2.16	108	2.00	2.19	
Toluene*	<0.200	0.200	10/20/2023	ND	2.08	104	2.00	3.71	
Ethylbenzene*	21.3	0.200	10/20/2023	ND	2.17	108	2.00	4.59	
Total Xylenes*	8.51	0.600	10/20/2023	ND	6.53	109	6.00	5.05	
Total BTEX	29.8	1.20	10/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 168 % 71.5-134

Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GR0 05-C10*	1080	100	10/20/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	7410	100	10/20/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	1360	100	10/20/2023	ND					
Surrogate: 1-Chlorooctane	224	6 48.2-13	4						

Surrogate: 1-Chlorooctadecane 174 % 49.1-148

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Page 9 of 16



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DDXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	10/19/2023	Sampling Date:	10/17/2023
Reported:	10/20/2023	Sampling Type:	Soil
Project Name:	PLATT TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: WES 23 - 153 14' (H235720-09)

Southback 101 11 10 10 10 100									
BTEX 8021B	mg/kg		Analyze	Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.088	0.050	10/20/2023	ND	2.16	108	2.00	2.19	
Toluene*	0.273	0.050	10/20/2023	ND	2.08	104	2.00	3.71	GC-NC1
Ethylbenzene*	8.79	0.050	10/20/2023	ND	2.17	108	2.00	4.59	
Total Xylenes*	3.52	0.150	10/20/2023	ND	6.53	109	6.00	5.05	
Total BTEX	12.7	0.300	10/20/2023	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PIL 139 % 71.5-134

Chioride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	10/20/2023	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
GR0 05-C10*	194	10.0	10/19/2023	ND	196	98.1	200	4.26	
DR0 >C10-C28*	1720	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	299	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	106 9	6 48.2-13	4						

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

Page 10 of 16



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/20/2023 PLATT TANK BATTERY NONE GIVEN NONE GIVEN

ma/ka

10/19/2023

Sampling Date:	1
Sampling Type:	5
Sampling Condition:	
Sample Received By:	Т

10/18/2023 Soil Cool & Intact Tamara Oldaker

Sample ID: WS 23 - 154 (H235720-10) BTEX 8021B

			~9		reading of the					
	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	Benzene*	<0.050	0.050	10/20/2023	ND	2.16	108	2.00	2.19	
	Toluene*	<0.050	0.050	10/20/2023	ND	2.08	104	2.00	3.71	
	Ethylbenzene*	<0.050	0.050	10/20/2023	ND	2.17	108	2.00	4.59	
	Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.53	109	6.00	5.05	
	Total BTEX	<0.300	0.300	10/20/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 120 % 71.5-134

Chioride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 05-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	72.1	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	78.4	% 49.1-14	8						

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Page 11 of 16



10/18/2023

Tamara Oldaker

Soil Cool & Intact

Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DDXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	10/19/2023	Sampling Date:
Reported:	10/20/2023	Sampling Type:
Project Name:	PLATT TANK BATTERY	Sampling Condition:
Project Number:	NONE GIVEN	Sample Received By:
Project Location:	NONE GIVEN	

Sample ID: WS 23 - 155 (H235720-11) BTEX 8021B mg/

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.16	108	2.00	2.19	
Toluene*	< 0.050	0.050	10/20/2023	ND	2.08	104	2.00	3.71	
Ethylbenzene*	< 0.050	0.050	10/20/2023	ND	2.17	108	2.00	4.59	
Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.53	109	6.00	5.05	
Total BTEX	< 0.300	0.300	10/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 113 % 71.5-134

Chioride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 05-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DR0 >C10-C28*	10.7	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	82.0	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

Page 12 of 16



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: 10/19/2023 Reported: Project Name: Project Number: Project Location:

10/20/2023 PLATT TANK BATTERY NONE GIVEN NONE GIVEN

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Sampling Date:	
Sampling Type:	
Sampling Condition:	
Sample Received By:	

10/18/2023 Soil Cool & Intact Tamara Oldaker

Sample ID: WS 23 - 156 (H235720-12) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.05	103	2.00	6.57	
Toluene*	<0.050	0.050	10/20/2023	ND	2.10	105	2.00	7.35	
Ethylbenzene*	<0.050	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.39	106	6.00	5.92	
Total BTEX	<0.300	0.300	10/20/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 99.5 % 71.5-134

Chioride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 05-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	91.4	% 49.1-14	8						

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Page 13 of 16



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: 10/19/2023 Reported: Project Name: Project Number: Project Location:

10/20/2023 PLATT TANK BATTERY NONE GIVEN NONE GIVEN

ma/ka

Sampling Date:	
Sampling Type:	
Sampling Condition:	
Sample Received By:	

10/18/2023 Soil Cool & Intact Tamara Oldaker

Sample ID: WS 23 - 156 (H235720-12) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2023	ND	2.05	103	2.00	6.57	
Toluene*	<0.050	0.050	10/20/2023	ND	2.10	105	2.00	7.35	
Ethylbenzene*	<0.050	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	<0.150	0.150	10/20/2023	ND	6.39	106	6.00	5.92	
Total BTEX	<0.300	0.300	10/20/2023	ND					

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 99.5 % 71.5-134

Chioride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 05-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	91.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

Page 13 of 16



Notes and Definitions

5-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC1	8260 confirmation analysis was performed; Initial GC results were not supported by GC/MS analysis and are biased high with Interfering compounds.
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 SM4500CI-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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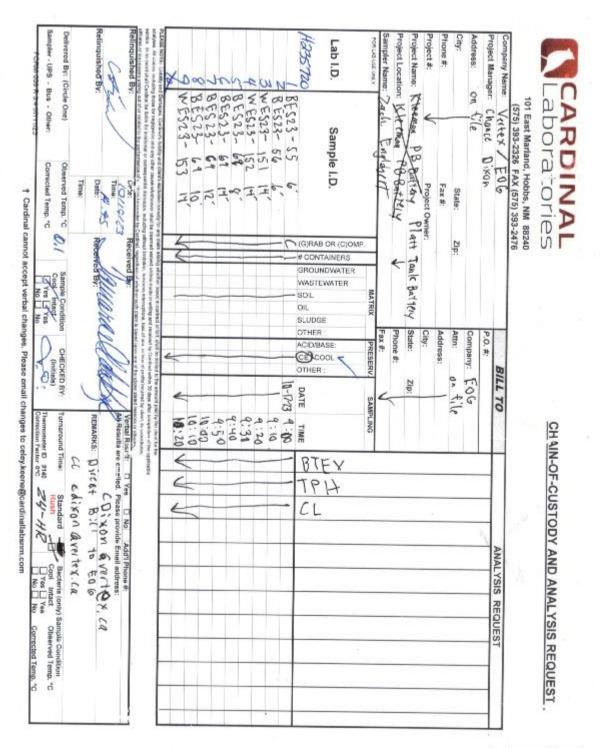
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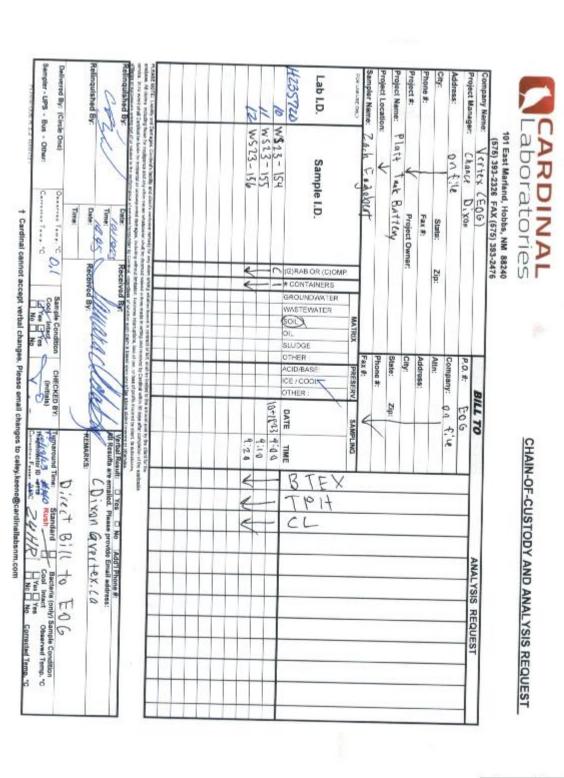
Page 14 of 16

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Page 15 of 16

Received by OCD: 12/28/2023 12:47:03 PM



Page 16 of 16



October 30, 2023 CHANCE DIXON VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA, OK 74103

RE: PLATT PA BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/26/23 14:00.

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

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

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

Accreditation applies to public drinking water matrices.

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,

Celeg D. Keene .-

Celey D. Keene Lab Director/Quality Manager

Page 1 of 8

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Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DDXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	10/26/2023	Sampling Date:	10/23/2023
Reported:	10/30/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG		

Sample ID: WES 23 - 160 4-14' (H235873-01) BTEX 8021B mg/kg

BTEX 8021B	mg/kg		Analyze	Analyzed By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2023	ND	2.04	102	2.00	1.64	
Toluene*	< 0.050	0.050	10/26/2023	ND	2.10	105	2.00	1.81	
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.11	105	2.00	1.17	
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.30	105	6.00	0.0421	
Total BTEX	<0.300	0.300	10/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 105 % 71.5-134

Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	10/27/2023	ND	384	96.0	400	11.8	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 05-C10*	<10.0	10.0	10/27/2023	ND	194	97.0	200	3.26	
DRO >C10-C28*	13.9	10.0	10/27/2023	ND	187	93.7	200	2.51	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					
Surrogate: 1-Chlorooctane	94.9	% 48.2-13	4						

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Page 2 of 8



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DDXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: 10/26/2023 Sampling Date: 10/23/2023 10/30/2023 Reported: Sampling Type: Soil PLATT PA BATTERY Cool & Intact Project Name: Sampling Condition: Project Number: 22E-00123-14 Sample Received By: Shalyn Rodriguez Project Location: EOG

Sample ID: WES 23 - 161 4-14' (H235873-02) BTEX 80218 mg/kg

BTEX 8021B	mg/kg		Analyze	Analyzed By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2023	ND	2.04	102	2.00	1.64	
Toluene*	< 0.050	0.050	10/26/2023	ND	2.10	105	2.00	1.81	
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.11	105	2.00	1.17	
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.30	105	6.00	0.0421	
Total BTEX	<0.300	0.300	10/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 113 % 71.5-134

Chioride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	10/27/2023	ND	384	96.0	400	11.8	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GR0 06-C10*	12.2	10.0	10/27/2023	ND	194	97.0	200	3.26	
DR0 >C10-C28*	1010	10.0	10/27/2023	ND	187	93.7	200	2.51	
EXT DRO >C28-C36	232	10.0	10/27/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						

49.1-148

Surrogate: 1-Chlorooctadecane 109 %

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RUNCE NOTE: Liability and Damages. Cardinals hiddly and directs exclusive needs for any claim straing, whether leased in contract or tort, dual be insted to the annount paid by direct for analyses. All duine, including from for negligence and any other cause valuement shall be deemed wated under made in particular labor and to they global annount. In the sected and Cardinal be hilds for including from for analyses and including, white instants, leasines interruptore, leas of parts incoment by Cardinal, white the global and in a sected and in the global annount of the annount part incoments. The manufacture of the annount part incoment. This man and in the sequence of the annount part of the anno

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Celey D. Keene, Lab Director/Quality Manager

Page 3 of 8



10/23/2023

Cool & Intact

Shalyn Rodriguez

Soil

Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DDXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

 Received:
 10/26/2023

 Reported:
 10/30/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

 Project Location:
 EOG

Sample ID: WES 23 - 162 4-14' (H235873-03)

Squible 101 MES 72 - 105	4-14 (11233	6/3-03)								
BTEX 8021B	mg/kg		Analyze	Analyzed By: AW					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	< 0.050	0.050	10/26/2023	ND	2.04	102	2.00	1.64		
Toluene*	< 0.050	0.050	10/26/2023	ND	2.10	105	2.00	1.81		
Ethylbenzene*	2.58	0.050	10/26/2023	ND	2.11	105	2.00	1.17		
Total Xylenes*	2.04	0.150	10/26/2023	ND	6.30	105	6.00	0.0421	GC-NC1	
Total BTEX	4.62	0.300	10/26/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PIL 192 % 71.5-134

Chloride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	10/27/2023	ND	384	96.0	400	11.8	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 05-C10*	151	10.0	10/27/2023	ND	194	97.0	200	3.26	
DRO >C10-C28*	1670	10.0	10/27/2023	ND	187	93.7	200	2.51	
EXT DRO >C28-C36	304	10.0	10/27/2023	ND					
Surrogate: 1-Chlorooctane	117	6 48.2-13	4						

49.1-148

Surrogate: 1-Chlorooctadecane 110 %

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RUNCE NOTE: Liability and Damages. Cardinals hiddly and directs exclusive remarks for any clean arking, whether leased in contract or tort, duel be limited to the amount paid by duet for analyses. All durins, including these for readjuppes and any other cause whethere shall be deemed webbed unless made in scattered by Cardinal within thinty (20) days after completion of the applicable anotae. In one seese duel Cardinal is hilden for including these for analyses and including, white instantion, leasines interruptore, leas of profile formeral by check, its abalitation, efficiency and good or related to the performance of the analyses interruptore, lease of profile formeral by check is abalitation, efficiency and out of a related to the performance of the analyses interruptore leases in the efficiency of the allow leases interruptore, lease of profile formeral by check in the performance of the analysis interruptore leases in the efficience of the analysis interruptore leases in the efficience into the analysis interruptore leases in the efficience interruptore leases in the efficience into the efficience into the efficience interruptore leases in the efficience interruptore leases in the efficience into the efficience interruptore leases in erruptore leases in the efficience interruptore leases in the efficience interruptore leases interruptore leases interruptore leases interruptore leases interruptore leases interr

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Page 4 of 8



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DDXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: 10/26/2023 Sampling Date: 10/23/2023 10/30/2023 Reported: Sampling Type: Soil PLATT PA BATTERY Cool & Intact Project Name: Sampling Condition: Project Number: 22E-00123-14 Sample Received By: Shalyn Rodriguez Project Location: EOG

Sample ID: WES 23 - 163 4-14' (H235873-04) BTEX 80218 mg/kg

BTEX 8021B	mg/kg		Analyze	Analyzed By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2023	ND	2.04	102	2.00	1.64	
Toluene*	<0.050	0.050	10/26/2023	ND	2.10	105	2.00	1.81	
Ethylbenzene*	< 0.050	0.050	10/26/2023	ND	2.11	105	2.00	1.17	
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.30	105	6.00	0.0421	
Total BTEX	<0.300	0.300	10/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 106 % 71.5-134

Chioride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	10/27/2023	ND	384	96.0	400	11.8	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 05-C10*	<10.0	10.0	10/27/2023	ND	194	97.0	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	187	93.7	200	2.51	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Page 5 of 8



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received: Reported: Project Name: Project Number: Project Location:

10/30/2023 PLATT PA BATTERY 22E-00123-14 EOG

ma/ka

10/26/2023

Sampling Date:	10
Sampling Type:	So
Sampling Condition:	Co
Sample Received By:	St

0/24/2023 oil ool & Intact halyn Rodriguez

Sample ID: BES 23 - 55 16' (H235873-05) BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/27/2023	ND	2.05	103	2.00	4.06	
Toluene*	<0.050	0.050	10/27/2023	ND	2.10	105	2.00	4.94	
Ethylbenzene*	0.184	0.050	10/27/2023	ND	2.09	104	2.00	3.37	
Total Xylenes*	0.258	0.150	10/27/2023	ND	6.24	104	6.00	2.70	GC-NC1
Total BTEX	0.442	0.300	10/27/2023	ND					GC-NC1

Analyzed By: JH

Surrogate: 4-Bromofluorobenzene (PIL 125 % 71.5-134

Chioride, SM4500CI-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	10/27/2023	ND	384	96.0	400	11.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GR0 05-C10*	36.3	10.0	10/27/2023	ND	194	97.0	200	3.26	
DR0 >C10-C28*	1110	10.0	10/27/2023	ND	187	93.7	200	2.51	
EXT DRO >C28-C36	219	10.0	10/27/2023	ND					
Surrogate: 1-Chlorooctane	101 1	6 48.2-13	4						

49.1-148

Surrogate: 1-Chlorooctadecane 105 %

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Celey D. Keene, Lab Director/Quality Manager

Page 6 of 8



Notes and Definitions

5-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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 SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Page 7 of 8

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Page 8 of 8

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November 06, 2023

CHANCE DIXON VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA, OK 74103

RE: PLATT PA BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 11/02/23 13:20.

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:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	10/31/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-55 20' (H236028-01)

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	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	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	1010	16.0	11/06/2023	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	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	10/31/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-56 12' (H236028-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	0.663	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	0.788	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	GC-NC1
Total BTEX	1.45	0.300	11/03/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	140	% 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	1010	16.0	11/06/2023	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*	40.2	10.0	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	692	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	95.1	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	92.9	% 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:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	10/31/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-82 4' (H236028-03)

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	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	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	3120	16.0	11/06/2023	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	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	94.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	10/31/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-83 4' (H236028-04)

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	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	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	192	16.0	11/06/2023	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	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	10/31/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-84 4' (H236028-05)

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	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	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	912	16.0	11/06/2023	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	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	103	% 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:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	10/31/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-85 4' (H236028-06)

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	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	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	640	16.0	11/06/2023	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	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	92.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	10/31/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-86 4' (H236028-07)

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	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	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	560	16.0	11/06/2023	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	11/05/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/05/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/05/2023	ND					
Surrogate: 1-Chlorooctane	70.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.0	% 49.1-14	8						

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Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	10/31/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-87 4' (H236028-08)

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	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	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	112	16.0	11/06/2023	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	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	10/31/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-88 4' (H236028-09)

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	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	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	976	16.0	11/06/2023	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	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.0	% 49.1-14	8						

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Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	10/31/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: WES 23-163 0-20' (H236028-10)

BTEX 8021B	mg	′kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.088	0.050	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	0.143	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	GC-NC1
Ethylbenzene*	7.54	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	4.42	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	GC-NC1
Total BTEX	12.2	0.300	11/03/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	193	% 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	3280	16.0	11/06/2023	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*	190	10.0	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	1840	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	282	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	121	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	140	% 49.1-14	8						

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Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	10/31/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: WES 23-164 0-20' (H236028-11)

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	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	1230	16.0	11/06/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	98.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

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Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	11/01/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-89 4' (H236028-12)

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	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	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	800	16.0	11/06/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	97.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

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Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	11/01/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-90 4' (H236028-13)

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	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	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	832	16.0	11/06/2023	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	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	11/01/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-91 4' (H236028-14)

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	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	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	800	16.0	11/06/2023	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	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3	% 49.1-14	8						

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Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	11/01/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-92 4' (H236028-15)

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	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	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	624	16.0	11/06/2023	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	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	102 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	11/01/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-93 4' (H236028-16)

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	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	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	256	16.0	11/06/2023	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	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	11/01/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-94 4' (H236028-17)

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	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	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	1460	16.0	11/06/2023	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	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	93.4	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	73.5	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	93.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	11/01/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-95 4' (H236028-18)

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	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	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	432	16.0	11/06/2023	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	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	11/01/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-96 4' (H236028-19)

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	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	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	48.0	16.0	11/06/2023	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	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	99.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	11/01/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-97 4' (H236028-20)

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	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	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	768	16.0	11/06/2023	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	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 49.1-14	8						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/02/2023	Sampling Date:	11/01/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: BES 23-98 4' (H236028-21)

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	11/03/2023	ND	1.86	93.1	2.00	11.5	
Toluene*	<0.050	0.050	11/03/2023	ND	1.93	96.5	2.00	10.8	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.93	96.3	2.00	11.7	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.78	96.3	6.00	11.7	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	768	16.0	11/06/2023	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	11/04/2023	ND	197	98.4	200	2.75	
DRO >C10-C28*	<10.0	10.0	11/04/2023	ND	213	107	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	11/04/2023	ND					
Surrogate: 1-Chlorooctane	64.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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 SM4500CI-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

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 12/28/2023 12:47:03 PM Sampler Name: Project Name: PIQH PA BOTTON Project #: 22E- 00123-14 Reling(ished By: Haslooas Project Location: Phone #: **Relinquished By:** service. In no event shall Cardinal be liable for incidental or cons analyses. All claims Sampler - UPS - Bus - Other: LEASE NOTE: FOR LAB USE ONLY Delivered By: (Circle One) Lab I.D. 9 000 5 UD BES23-55 BES23-56 BES23-82 BES23-83 BES23-84 BES23-85 BES23-86 BES 23 - 87 BES 23 - 89 MES23-103 out of or related to the perform Angiz Monie negligence and any other Sample I.D. 0bserved Temp. °C Corrected Temp. °C Date: 11-273 of services h. .. Project Owner: uental damages, including without limitation, business inter Fax #: Time: UH E2/15/01 Time: + Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com 0-20' 5 sive remedy for any claim evinder by Ca 414 (G)RAB OR (C)OMP regardless of whether such claim is based upon any of the above stated Received By: Received By: EUG 1.20 **# CONTAINERS** GROUNDWATER Cool Intact Sample Condition WASTEWATER MATRIX × SOIL 6 OIL SLUDGE Fax #: State: City: OTHER Phone #: Address: On file ACID/BASE CHECKED BY: XICE / COOL (Initials)

over shall be deemed waived unless made in writing and received by Cardinal within 30 days after comp ptions, loss of use, or loss of profits incu PRESERV OTHER 03123 DATE SAMPLING red by client, its subsidiaries paid by the client for the All Results are emailed. Please provide Email address: 13:45 07:51 11:20 14:05 14:00 13:22 00:11 14:10 01:10 TIME letion of the applicable BTEX (8021)× TPH (8015D) × £ Y CI ¢

lboratories CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

annohie @ Vertex. ca

Turnaround Time:

Thermometer ID #140 Correction Factor 0°C

Rush 48 M Standard

Cool Intact

X

Bacteria (only) Sample Condition

Observed Temp. Corrected Temp. °C

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Cdixon & vertex. ch ;

REMARKS:

Page 24 of 26

Page 371 of 390

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ZN

City:

State:

Zip:

Project Manager:

Company Name:

Vertex

C. Dixon

P.O. #:

BILL

10

ANALYSIS

REQUEST

company: EU

G

Attn: Chase Settle

Zip:

101 East Marland, Hobbs, NM 88240

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

Address: 00

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Received by OCD: 12/28/2023 12:47:03 PM

† Cardinal c	Sampler - UPS - Bus - Other: Corrected Temp. °C	Delivered By: (Circle One) Observed Temp. °C -1.3°C	Time's, 25			analyses. All claims including those for negligence and any other cause whatsover shall be dee service. In no event shall Cardinal be liable for incidental or consequental damages, including with affiliates or successore xing out of or related to the performance of services hereunder by Card	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether base	19 BES23-96 41	18 BES 23 - 95 4'	17 BES23-94 41	- 93	15 BES23-92 4"	-91	13 BES23-90 41	12 BES23-89 4'	// WES23-164 0-20'	H234028	Lab I.D. Sample I.D.		FOR LAB USE ONLY	Sampler Name: Angir, Monu	Project Location:	Project Name: Platt PA Battory	Project #: 22E-00123-14 Project Owner:	Phone #: Fax #:	City: State: Z	Address: On Pile	Project Manager: C. DI XOM	Company Name: Vertex	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	Laboratories	CARDINAL
Cardinal cannot accept verbal changes. Please email changes to celey.		Sample Condition CHECKED BY: Cool Intact (Initials)		Received By:		in writing and received by Cardinal within 30 days after c nterruptions, loss of use, or loss of profits incurred by clien in such claim is based introgenary of the above stated reasc	Zaim arising whether based in contract or tort, shall be limited to the amount paid by the client for the	24:01	04:01	10:35	9:40	9:35			. 1 11/01/23 9:	X X 10/31/23	# CC GRC WAS SOIL OIL SLUI OTH ACIC ICE / OTH	DGE ER : D/BASE: COOL	RS	MATRIX PRESERV. SAMPLING	Fax #:	Phone #:	State: Zip:	EOG city:	Address: ON File	zip: Attn: Chase Settle	Company: TOG	P.O. #:	BILL TO	6		2
keene@cardinallabsnm.com	ł	Turnaround Time: Standard Decord Tomo on Bacteria (only) Sample Condition		Udixon & vertex. ca; Amohie (a vertex. ca	Verbal Result: uion of the applicable ubsidiaries, otherwise.		45	40	32	40	35	9:30		9:20 1 1 1	130 × × ×		PH JI	(80	2		-							ANALYSIS REQUEST		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST		

Page 25 of 26

Received by OCD: 12/28/2023 12:47:03 PM

(3/3) 393-2320 FAX (3/3) 383-24/0 RILL TO ANALYSIS	Company Name: Vertex ANALYSIS REQUEST Project Manager: C. DIX.0V/ P.O. #: I I I		State: Zip: Attn: CD	Fax #: Address: 00 4	Project Owner: モン(ケ City:	State:	Phone #:	Andir Mohr Fax #:	A MATRIX PRESERV SAMPLING 2	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : ACID/BASE: ICE / COOL OTHER : ACID/BASE: ICE / COOL OTHER : BTEX (8C	BES23-99 4' C X X II[01[23	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed writed unless made in writing and received by Cardinal whith 30 days after completion of the applicable	re e	Received By: Received By: Received By: Received By: REMARKS:	Sample Condition CHECKED BY: Turnaround Time: Standard Cool Intact (Initials) Types Pres No □ No ♡ ↓ Correction Factor 0°C ↓ 8 \\C	Yes × TPH (8015 D) Yes × C1 No Add! Phone #: × Illed. Please provide Email address: × C1 Rush × C1 Bacteria × C1 No Add! Phone #: ×
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Released to Imaging: 12/29/2023 7:55:04 AM



November 13, 2023

CHANCE DIXON VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA, OK 74103

RE: PLATT PA BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 11/09/23 13:05.

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

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

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

Accreditation applies to public drinking water matrices.

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:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/09/2023	Sampling Date:	11/07/2023
Reported:	11/13/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: WES 23 - 167 4-10' (H236154-01)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2023	ND	2.02	101	2.00	0.852	
Toluene*	<0.050	0.050	11/10/2023	ND	2.12	106	2.00	7.31	
Ethylbenzene*	<0.050	0.050	11/10/2023	ND	2.27	113	2.00	8.10	
Total Xylenes*	<0.150	0.150	11/10/2023	ND	6.88	115	6.00	7.96	
Total BTEX	<0.300	0.300	11/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	11/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2023	ND	188	94.2	200	2.53	
DRO >C10-C28*	15.9	10.0	11/10/2023	ND	199	99.6	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	11/10/2023	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/09/2023	Sampling Date:	11/07/2023
Reported:	11/13/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: WES 23 - 168 4-10' (H236154-02)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2023	ND	2.02	101	2.00	0.852	
Toluene*	<0.050	0.050	11/10/2023	ND	2.12	106	2.00	7.31	
Ethylbenzene*	<0.050	0.050	11/10/2023	ND	2.27	113	2.00	8.10	
Total Xylenes*	<0.150	0.150	11/10/2023	ND	6.88	115	6.00	7.96	
Total BTEX	<0.300	0.300	11/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	11/10/2023	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	11/10/2023	ND	188	94.2	200	2.53	
DRO >C10-C28*	13.8	10.0	11/10/2023	ND	199	99.6	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	11/10/2023	ND					
Surrogate: 1-Chlorooctane	116 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	132 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/09/2023	Sampling Date:	11/07/2023
Reported:	11/13/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: WES 23 - 169 4-20' (H236154-03)

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	11/10/2023	ND	2.02	101	2.00	0.852	
Toluene*	<0.050	0.050	11/10/2023	ND	2.12	106	2.00	7.31	
Ethylbenzene*	<0.050	0.050	11/10/2023	ND	2.27	113	2.00	8.10	
Total Xylenes*	<0.150	0.150	11/10/2023	ND	6.88	115	6.00	7.96	
Total BTEX	<0.300	0.300	11/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	11/10/2023	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	11/10/2023	ND	188	94.2	200	2.53	
DRO >C10-C28*	<10.0	10.0	11/10/2023	ND	199	99.6	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	11/10/2023	ND					
Surrogate: 1-Chlorooctane	121	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/09/2023	Sampling Date:	11/07/2023
Reported:	11/13/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: WES 23 - 171 4-10' (H236154-04)

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	11/10/2023	ND	2.02	101	2.00	0.852	
Toluene*	<0.050	0.050	11/10/2023	ND	2.12	106	2.00	7.31	
Ethylbenzene*	<0.050	0.050	11/10/2023	ND	2.27	113	2.00	8.10	
Total Xylenes*	<0.150	0.150	11/10/2023	ND	6.88	115	6.00	7.96	
Total BTEX	<0.300	0.300	11/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	11/10/2023	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	11/10/2023	ND	188	94.2	200	2.53	
DRO >C10-C28*	<10.0	10.0	11/10/2023	ND	199	99.6	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	11/10/2023	ND					
Surrogate: 1-Chlorooctane	119 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	137 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/09/2023	Sampling Date:	11/07/2023
Reported:	11/13/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: WES 23 - 172 4-10' (H236154-05)

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	11/10/2023	ND	2.02	101	2.00	0.852	
Toluene*	<0.050	0.050	11/10/2023	ND	2.12	106	2.00	7.31	
Ethylbenzene*	<0.050	0.050	11/10/2023	ND	2.27	113	2.00	8.10	
Total Xylenes*	<0.150	0.150	11/10/2023	ND	6.88	115	6.00	7.96	
Total BTEX	<0.300	0.300	11/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	11/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2023	ND	188	94.2	200	2.53	
DRO >C10-C28*	34.8	10.0	11/10/2023	ND	199	99.6	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	11/10/2023	ND					
Surrogate: 1-Chlorooctane	132 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	154 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Fax To: NA

Received:	11/09/2023	Sampling Date:	11/07/2023
Reported:	11/13/2023	Sampling Type:	Soil
Project Name:	PLATT PA BATTERY	Sampling Condition:	Cool & Intact
Project Number:	22E-00123-14	Sample Received By:	Dionica Hinojos
Project Location:	EOG		

Sample ID: WES 23 - 173 4-10' (H236154-06)

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	11/10/2023	ND	2.02	101	2.00	0.852	
Toluene*	<0.050	0.050	11/10/2023	ND	2.12	106	2.00	7.31	
Ethylbenzene*	<0.050	0.050	11/10/2023	ND	2.27	113	2.00	8.10	
Total Xylenes*	<0.150	0.150	11/10/2023	ND	6.88	115	6.00	7.96	
Total BTEX	<0.300	0.300	11/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	11/10/2023	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	11/10/2023	ND	188	94.2	200	2.53	
DRO >C10-C28*	137	10.0	11/10/2023	ND	199	99.6	200	2.75	
EXT DRO >C28-C36	30.9	10.0	11/10/2023	ND					
Surrogate: 1-Chlorooctane	115 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	137 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS 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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Celey D. Keene, Lab Director/Quality Manager

101 East Marland, Hobbs, NM 88240 aboratories J

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

IN.	
Project #: 22E-00123-14 Project Owner: EOG City:	
Project Name: PIQTH BOHCYV State: Zip:	
Project Location: Phone #:	-
Anare Mohles Far	
MATRIX PRESERV.	(8
RS TER	-
CONTAINED IL LUDGE THER : CID/BASE: COL THER : COL THER : COL	BTE
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- 108 4- 10 ¹	
-169 4-20'	
WES 23-1	
PLEASE NOTE: Liability and Damages. Cardina's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. In clouding the claims including without limitation, business interruptions, loss of use, or loss of product the state assects or the noise.	the client for the mpletion of the applicable (, its subsidiaries, so or otherwise
affiliates or successors arising out ofviolated to the performance of services hereunder by Cardinal, regardless of whether such claim is been upon any out of Relinquistical By: III/07/23 Time:	Verbal Result: Verbal Result: Verbal Results are emailed. Please provide Email address: Cdixon & Vertex. Ca ; amobile @ Vertex. Ca
Relinquished By:	
ircle O	Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C
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Page 382 of 390

City:

Project Manager:

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P.O. #:

BILL TO

ANALYSIS

REQUEST

Page 9 of 9

company: EOG

Address: ())

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Company Name: Vertex

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

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

QUESTIONS

Action 298036

	QUESTIONS
Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	298036
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nKMW0800949657
Incident Name	NKMW0800949657 PLATT PA #005 @ 30-015-23906
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-23906] PLATT PA #005

Location of Release Source

Please answer all the questions in this group.	
Site Name	PLATT PA #005
Date Release Discovered	01/06/2007
Surface Owner	Private

Incident Details

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	r the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Equipment Failure Pump Other (Specify) Released: 30 BBL Recovered: 26 BBL Lost: 4 BBL.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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District IV

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

QUESTIONS, Page 2

Action 298036

	QUESTIONS (continued)
Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	298036
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Initial Response

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

safety hazard that would result in injury.
True
True
True
True
Not answered.
diation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o sted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.

all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Tina Huerta Title: Regulatory Reporting Supervisor Email: tina_huerta@eogresources.com Date: 12/28/2023
--	--

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

District III

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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

Page 385 of 390

QUESTIONS, Page 3

Action 298036

QUESTIONS (co	ntinued)
Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	298036
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

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

Between 51 and 75 (ft.)
Attached Document
No
nd the following surface areas:
Between 1 and 5 (mi.)
Greater than 5 (mi.)
Between 1000 (ft.) and ½ (mi.)
Between 1000 (ft.) and ½ (mi.)
Between 1000 (ft.) and ½ (mi.)
Greater than 5 (mi.)
Between 1 and 5 (mi.)
Between 1 and 5 (mi.)
Between 1 and 5 (mi.)
Medium
Between 1 and 5 (mi.)
Νο
-

Remediation Plan

Please answer all the questions th	at apply or are indicated. This information must be provided to	o the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation p	plan approval with this submission	Yes
Attach a comprehensive report der	nonstrating the lateral and vertical extents of soil contamination	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical	l extents of contamination been fully delineated	Yes
Was this release entirely co	ontained within a lined containment area	No
Soil Contamination Sampling	: (Provide the highest observable value for each, in m	nilligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	10000
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	1480
GRO+DRO	(EPA SW-846 Method 8015M)	860
BTEX	(EPA SW-846 Method 8021B or 8260B)	1.5
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 N		0 ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA
Per Subsection B of 19.15.29.11 N which includes the anticipated time	MAC unless the site characterization report includes complete	
Per Subsection B of 19.15.29.11 N which includes the anticipated time On what estimated date wil	MAC unless the site characterization report includes complete elines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA
Per Subsection B of 19.15.29.11 N which includes the anticipated time On what estimated date wil	IMAC unless the site characterization report includes complete elines for beginning and completing the remediation. I the remediation commence he final sampling or liner inspection occur	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA
Per Subsection B of 19.15.29.11 N which includes the anticipated time On what estimated date wil On what date will (or did) th On what date will (or was) t	IMAC unless the site characterization report includes complete elines for beginning and completing the remediation. I the remediation commence he final sampling or liner inspection occur	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA 03/01/2023 11/07/2023
Per Subsection B of 19.15.29.11 N which includes the anticipated time On what estimated date wil On what date will (or did) th On what date will (or was) t What is the estimated surfa	MAC unless the site characterization report includes complete elines for beginning and completing the remediation. I the remediation commence he final sampling or liner inspection occur he remediation complete(d)	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA 03/01/2023 11/07/2023 12/04/2023
Per Subsection B of 19.15.29.11 N which includes the anticipated time On what estimated date wil On what date will (or did) th On what date will (or was) t What is the estimated surfa What is the estimated volun	MAC unless the site characterization report includes complete elines for beginning and completing the remediation. I the remediation commence he final sampling or liner inspection occur he remediation complete(d) ice area (in square feet) that will be reclaimed	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA 03/01/2023 11/07/2023 12/04/2023 16505
Per Subsection B of 19.15.29.11 N which includes the anticipated time On what estimated date will On what date will (or did) th On what date will (or was) t What is the estimated surfa What is the estimated volun What is the estimated surfa	MAC unless the site characterization report includes complete elines for beginning and completing the remediation. I the remediation commence the final sampling or liner inspection occur the remediation complete(d) ice area (in square feet) that will be reclaimed the (in cubic yards) that will be reclaimed	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA 03/01/2023 11/07/2023 12/04/2023 16505 3360

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

District I

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

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

QUESTIONS, Page 4

Action 298036

QUESTIONS (continued)		
Operator: EOG RESOURCES INC	OGRID: 7377	
P.O. Box 2267 Midland, TX 79702	Action Number: 298036	
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	
OUESTIONS		

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date. This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: (Select all answers below that apply.) (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) Yes Which OCD approved facility will be used for off-site disposal LEA LAND LANDFILL [fEEM0112342028] OR which OCD approved well (API) will be used for off-site disposal Not answered. OR is the off-site disposal site, to be used, out-of-state Not answered. OR is the off-site disposal site, to be used, an NMED facility Not answered. (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) Not answered (In Situ) Soil Vapor Extraction Not answered. (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) Not answered. (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) Not answered. (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) Not answered. Ground Water Abatement pursuant to 19.15.30 NMAC Not answered. OTHER (Non-listed remedial process) Not answered. Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation 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. Name: Tina Huerta Title: Regulatory Reporting Supervisor I hereby agree and sign off to the above statement Email: tina_huerta@eogresources.com Date: 12/28/2023

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

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District III

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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

Page 387 of 390

Action 298036

QUESTIONS (continued)		
Operator: EOG RESOURCES INC	OGRID: 7377	
P.O. Box 2267 Midland, TX 79702	Action Number: 298036	
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	
OUESTIONS		

Deferral Requests Only

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

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QUESTIONS, Page 6

Action 298036

QUESTIONS (continued)		
Operator:	OGRID:	
EOG RESOURCES INC	7377	
P.O. Box 2267	Action Number:	
Midland, TX 79702	298036	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	292250
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/06/2023
What was the (estimated) number of samples that were to be gathered	121
What was the sampling surface area in square feet	16505

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	16505	
What was the total volume (cubic yards) remediated	3360	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	16505	
What was the total volume (in cubic yards) reclaimed	3360	
Summarize any additional remediation activities not included by answers (above)	Please see attached report.	
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.		

I have by agree and sign off to the above statement	Name: Tina Huerta Title: Regulatory Reporting Supervisor
I hereby agree and sign off to the above statement	Email: tina_huerta@eogresources.com Date: 12/28/2023

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QUESTIONS, Page 7

Action 298036

Page 389 of 390

QUESTIONS (continued)		
Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377	
	Action Number: 298036	
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	
QUESTIONS		

Reclamation Report Only answer the questions in this group if all reclamation steps have been completed. Requesting a reclamation approval with this submission No

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CONDITIONS

Action 298036

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	298036
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

CONDITIONS

Created By	Condition	Condition Date
bhall	Remediation Closure approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. The reclamation report will need to address all of the requirements of 19.15.29.13 NMAC including pictures of the reclaimed area, and a proposed revegetation plan. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	12/29/2023