Incident Number: nKMW0800949657, nKMW0800950646, nKMW0800950937,

# VERTEX

# **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 November 2023

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

Prepared for:

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12/6/2023

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VERSATILITY. EXPERTISE.

**EOG Resources Inc.**Platt PA Tank Battery

Release Assessment and Closure November 2023

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**EOG Resources Inc.**Platt PA Tank Battery

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#### 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.

Table 1. C	losure Criteria Worksheet				
Site Nam	e: Platt PA Battery				
Spill Coor	dinates:	X: 32.715484	Y: -104.357324		
Site Spec	fic Conditions	Value	Unit		
1	Depth to Groundwater	>55	feet		
2	Within 300 feet of any continuously flowing	16 271	foot		
2	watercourse or any other significant watercourse	16,271	feet		
3	Within 200 feet of any lakebed, sinkhole or playa lake	40.974	foot		
3	(measured from the ordinary high-water mark)	40,874	feet		
4	Within 300 feet from an occupied residence, school,	1 000	foot		
4	hospital, institution or church	1,888	feet		
	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, <b>or</b>				
	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		
_	Mithin an amatable and (Manat Man)	N A a alicensa	High		
9	Within an unstable area (Karst Map)	Medium	Medium		
			Low		
10	Within a 100-year Floodplain	500 year			
11	Soil Type	Reagan loam 0-1 slo	pes and 1 to 3 slopes		
		-	· 		
12	Ecological Classification	Loamy			
13	Geology	On			
13	Geology	Qp			
	NIMAC 40 45 20 42 5 (Table 4) Classes Criteria	F4 400	<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 feet bgs (19.15.29.13)	Chloride	600 mg/kg				
0-4 leet bgs (19.13.29.13)	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

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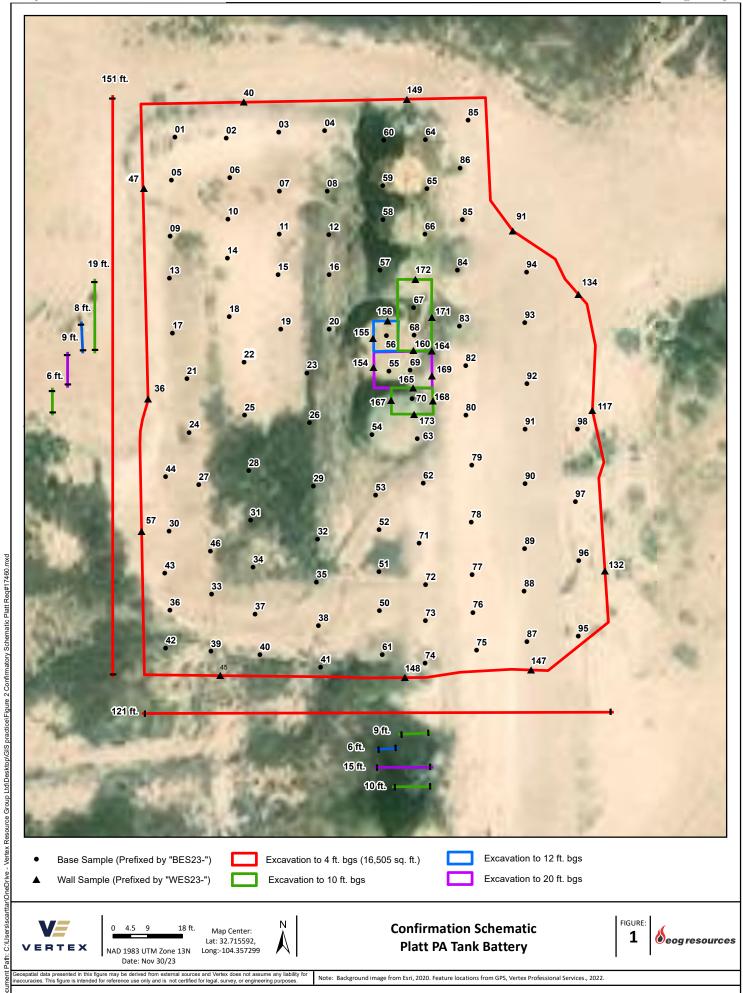
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#### 9.0 Limitations

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: 2207823, 2207816, 2207924, 2207925, 2207A21, 2302930, 2303C36, 2303C82, 2303D76, 2303D20, 2304077 and 2304260, H235428, H235454, H235578. H235721. H235720. H235873. H235953. H236028. H236154

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	Sample Description Field Screening Petroleum Hydrocarbons  Volatile Extractable I											la : : :	
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds	Extractable Organic  Gompounds (PetroFlag)	(ad Chloride Concentration	Voli Beuzene (mg/kg)	elite (BM/S) (B)/S)	Gasoline Range Organics	ଞ୍ଚି ଆ Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO) (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration (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	4	2023-02-20	-	2350	9094	ND	ND	ND	74	120	74	194	6900
BES23-07	4	2023-02-20	-	2210	5481	ND	ND	ND	510	910	510	1420	6200
BES23-08 BES23-09	4	2023-02-20 2023-02-20	-	2420 2450	2065 5153	ND ND	ND ND	ND ND	270 140	570 310	270 140	840 450	2400 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	4	2023-02-20	-	1270	5852	ND	ND	ND	80	110	80.00	190.00	5000
BES23-15	4	2023-02-20	-	2440	5145	ND	ND	ND	74	160	74.00	234.00	10000
BES23-16	4	2023-02-20	-	2470	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	4	2023-03-22	-	401	2980 3499	ND ND	ND ND	ND ND	77 100	110 120	77.00 100.00	187.00	2400
BES23-23 BES23-24	4	2023-03-22 2023-03-22		658 614	5265	ND	ND ND	ND	170	200	170.00	220.00 370.00	3300 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	4	2023-03-22	-	1200	1537	ND	ND	ND	860	620	860.00	1,480.00	1200
BES23-30	4	2023-03-22	-	30	5122	ND	ND	ND	ND	ND	ND	ND	5000
BES23-31	4	2023-03-27	-	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 42	ND	ND 12.00	ND 13.00	1400
BES23-34	4	2023-03-27	-	269	2532	ND	ND	ND	12	ND	12.00	12.00	2400
BES23-35 BES23-36	4	2023-03-27 2023-03-27		13 24	1811 3461	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	1400 3100
BES23-37	4	2023-03-27		28	2566	ND	ND	ND	ND	ND	ND	ND	1800
BES23-38	4	2023-03-27	-	61	2893	ND	ND	ND	ND	ND	ND	ND	2200
BES23-39	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	-	-	1	ND	ND	ND	250	590	250.00	840.00	ND
BES23-44	4	2023-03-31	-	453	- 510	ND ND	ND ND	ND	230	590	230.00	820.00	ND
BES23-50	4	2023-10-05	-	453 506	510	ND ND	ND ND	ND ND	22	ND ND	22	22	208
BES23-51 BES23-52	4	2023-10-05 2023-10-05	-	310	450 775	ND ND	ND ND	ND ND	11.2 ND	ND ND	11.2 ND	11.2 ND	352 192
BES23-52 BES23-53	4	2023-10-05	-	1,209	250	ND	ND	ND	304	ND	377.8	378	2680
BES23-54	4	2023-10-05	-	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	ND	16
BES23-58	4	2023-10-06	-	292	200	ND	ND	ND	82.2	19.4	82.2	102	64
BES23-59	4	2023-10-06	-	579	250	ND	ND	ND	229	94.7	229	324	160
BES23-60	4	2023-10-06	-	337	225	ND	ND	ND	ND	ND	ND	ND	48
BES23-61	4	2023-10-06	-	839	1975	ND	ND	ND	137	75.9	137	213	2000
BES23-62	4	2023-10-06	-	772	7725	ND	ND	ND	35.7	ND	35.7	36	7600
BES23-63	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
	5	2023-10-12		1,102	263	ND	ND	ND	256	39.7	256	295.7	208



S	Sample Descrip	tion	Fie	eld Screeni	ng				Petroleum	Hydrocarbo	ons		
						Petroleum Hydrocarbons  Volatile Extractable							
	i l		v			Vol	atile			Extractable			Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds	Extractable Organic  Compounds (PetroFlag)	Chloride Concentration	Benzene	음 왕 (8) (6)	a B Gasoline Range Organics সু (GRO)	3   Diesel Range Organics (DRO)	Motor Oil Range Organics	(GRO + DRO)	Total Petroleum	3 자 Chloride Concentration 연
DEC22 67	10	2023-10-30	4	60	2872	ND	ND	ND	19.2	ND	ND	ND	480
BES23-67 BES23-68	10	2023-10-30	109	630	2,473	ND	0.546	19.1	374	61	435	454	464
BES23-69	20	2023-10-30	60	500	2,027	ND	0.861	21	335	53	388	409	2080
BES23-70	10	2023-10-30	6	20	3,338	ND	ND	ND	ND	ND	ND	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 ND	288
BES23-75	4	2023-10-12	-	460 600	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	5	2023-10-12 2023-10-12	-	65	3500	ND	ND ND	ND	ND	ND ND	ND	ND ND	3420
BES23-77	4	2023-10-12	-	186	5000	ND	ND	ND	ND	ND	ND	ND	4880
BES23-79	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	4	2023-10-31	-	340 264	750 825	ND ND	ND ND	ND	ND ND	ND	ND	ND ND	640 560
BES23-86 BES23-87	4	2023-10-31 2023-10-31	-	113	250	ND	ND ND	ND ND	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	-	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 2023-11-01	-	87	375	ND	ND ND	ND	95.4 ND	ND	95.4 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 0-4	2023-03-22	0	10 12	738 650	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	64 ND
WES23-45	0-4	2023-03-23 2023-03-24	ND	33	244	ND	ND ND	ND	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 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	0-4	2023-10-06	-	82	550	ND	ND ND	ND	42.4	21.7	42.2	64.1	544
WS23-154	4-14	2023-10-17	-	-	-	ND	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 45.0	ND 45.0	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
WES23-171	4-10	2023-11-07	-	-	-	ND	ND ND	ND	ND ND	ND ND	ND	ND ND	608
WES23-172	4-10	2023-11-07	-	-	-	ND	ND	ND	34.8	ND	34.8	34.8	608
WES23-173	4-10	2023-11-07	-	-	-	ND	ND	ND	137	30.9	137	167.9	1,500



# **APPENDIX A - NMOCD C-141 Reports**

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

1625 N. French Dr., Hobbs, NM 88240 District II District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

MAR 27 2008

Form C-141 Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

OCHLARTESIA Release Notification

10101.10	<u> </u>	09491	001			ATOR			[ Initia	al Report     Final Rep
Name of Company OGRID Num						Contact			111111	ar report 2 T man Re
Yates Petroleum Corporation 25575 Address						Robert Asl				
104 S. 4 <sup>TH</sup>	Street					Telephone				· · · · · · · · · · · · · · · · · · ·
Facility Na	me	****	····	ADINI		505-748-14				
Platt PA T		v		API Numbe 30-015-2390		Facility Ty	pe			
		<i>]</i>		30-013-2390	00	Battery				
Surface Ov	vner			Mineral	Owner	····	***************************************		Lease 1	No
Fee				State					Locase 1	110.
				LOC	ATIO	N OF RE	LEASE			
Unit Letter	Section	Township	Range	Feet from the	North	/South Line	Feet from the	Fact/\	Vest Line	Country
K	16	18S	26E				- con mon the	Lasu	A CSU EIRC	County Eddy
L	<u> </u>	L.,	<u> </u>			<del>-</del>		<u> </u>		
				Latitude 32	.71561	Longitud	e <u>104.35672</u>			
						OF REL				
Type of Rele						Volume of			Volume R	Pagarard
Produced Wa Source of Re						30 B/PW			26 B/PW	recovered
Water Pump	icase					Date and H	lour of Occurrenc	e		Hour of Discovery
Was Immedia	ate Notice C	liven?				1/6/2007 AM 1/6/2007 AM 1/6/2007 AM				
			Yes [	No 🗌 Not Re	eauired		wnom? her/NMOCD			
By Whom?			***************************************			·				
Jerry Fanning	, YPC Envi	ronmental				Date and H		0/2007	0.10.114.4	
Was a Watero	ourse Reac	hed?				If YES, Vo	:30 AM (VM); 1/ lume Impacting tl	8/2007, ne Water	9:19 AM (1	EM)
If a Waterson			Yes 🗵	No		N/A	timpaetitig ti	ic witter	course.	
If a Watercou N/A	rse was imp	acted, Descri	be Fully.*							***************************************
Describe Caus	se of Proble	m and Remed	ial Action	Taken *						
Transition ble	w out on dis	scharge side o	f the wate	r pump. Fluids w	ere con	tained within	berm Vacuum tr	uck call	ad.	· · · · · · · · · · · · · · · · · · ·
							oomi. vacadiii ti	uck can	au	
Describe Area An approxima	: Affected at te area of 30	id Cleanup Ad	ction Take	en.*	,				****	
horizontal deli	neation, bas	sed on sample	us and pu results V	mp shut down, rej	oairs ma	ide, standing f	luids vacuumed u	p. Will	sample to a	determine vertical and attention at the soils have been
excavated and	taken to an	OCD approve	d facility	es sou saile a	ork prai	n or request sa	impling event for	closure.	Contamin	ated soils have been
Protection Ar	ea: No, Dis	tance to Surf	ace Wate	r Body: >1000',	SITE R	ANKING IS	10. Based on end	epun to Posed in	Ground W formation	/ater: 50-99', Wellhead /documentation, Yates
Petroleum Co	rporation r	equests closu	ıre.				or substantial	.103CU 111	ioi mation	ducumentation, Yates
hereby certify	that the inf	formation give	en above i	e true and comple	4-4-4	1		·		
egulations all	operators ar	e required to	report and	s irue and compie l/or file certain rel	te to the	best of my ki	nowledge and und	lerstand	that pursua	ant to NMOCD rules and ses which may endanger
public health o	r the enviro	nment. The ac	cceptance	of a C-141 report	by the	nneations and NMOCD mar	ked as "Final Dan	ve action	s for releas	ses which may endanger to the operator of liability
hould their op	erations hav	e failed to add	equately is	nvestigate and ren	nediate	contamination	that pose a threa	to grou	s not renev nd water s	re the operator of liability surface water, human health
ederal, state, o	ient. In add r local laws	lition, NMOC	D accepta	ince of a C-141 re	port doe	es not relieve t	the operator of res	ponsibil	ity for com	surface water, human health appliance with any other
	1 total laws	and/or regula	tions.		<del></del>					
(	´ ) .	$\bigcap$					OIL CONSI	<u>erva</u>	<u>TION D</u>	IVISION
ignature:	- XU	Wil								···
rinted Name: I	Cobout Anti-		•		T A	proved by Di	strict Supervisor:			
tinted (valife: 1	Nobert Ashe	31	<del></del>						-	
itle: Environm	ental Regul	atory Agent			Ar	proval Date:		D	imati r	
			****			p.o.m Date.		Exp	iration Dat	e:
-mail Address:	boba@ypc	nm.com			Co	Conditions of Approval:				
ate: Friday, M	arch 20 200	10 ni		740 (15)					Attached 🗍	
tach Addition			ione: 505	-748-1471					1	

of New Mexico

| Page 19 of 390 | Print ID |

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 <b>not</b> 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.							
<ul> <li>✓ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well</li> <li>✓ Field data</li> <li>✓ Data table of soil contaminant concentration data</li> <li>✓ Depth to water determination</li> </ul>	ls.						
Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release							

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.

✓ Photographs including date and GIS information

✓ Laboratory data including chain of custody

☑ Boring or excavation logs

✓ Topographic/Aerial maps

Received by OCD: 12/28/2023 12:47:03 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

Page 20 of 390

Incident ID	nKMW0800949657
District RP	
Facility ID	
Application ID	

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.								
Title: Rep Safety & Environmental Sr								
Date: 12/7/2023								
Telephone: 575-748-1471								
Date:								

Page 21 of 390

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.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.								
✓ A scaled site and sampling diagram as described in 19.15.29.11 NMAC								
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)								
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)							
Description of remediation activities								
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rerhuman health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification to the OP Printed Name: Chase Settle	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in							
email: Chase Settle@eogresources.com	Telephone: 575-703-6537							
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:							

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

# State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

]	Release Notifi	catio	n and Co	orrective A	ction				
	0	PERA	ATOR		[	] Initia	al Report 🛛 Final Report		
Name of Company	OGRID Nui		Contact	****					
Yates Petroleum Corporation Address	25575		Robert Asher						
104 S. 4 <sup>TH</sup> Street			Telephone 1 505-748-14						
Facility Name	API Number		Facility Type						
Platt PA Tank Battery			Battery	*****					
Surface Owner	Mineral (	Owner				Lease N	Vo		
Fee	State						10.		
	LOC	ATIOI	N OF REI	LEASE					
	inge Feet from the		/South Line	Feet from the	East/W	est Line	County		
K 26 18S 2	6E						Eddy		
	Latitude 32	71561	Longitud	e <u>104.35672</u>			<u></u>		
			_						
Type of Release	I AVI	TUKE	OF RELI			Values F			
Produced Water			40 B/PW	Release	F	Volume R 30 B/PW			
Source of Release			Date and H	lour of Occurrence	e	Date and	Hour of Discovery		
Water Tank Was Immediate Notice Given?			6/23/2007 / If YES, To			6/23/2007	7 AM		
Yes	s 🗌 No 🔲 Not Re	equired							
By Whom?			Date and Hour						
Robert Asher, YPC Environmental Was a Watercourse Reached?	·		7/5/2007, 1	10:39 AM (VM); 7	<u>7/5/2007.</u>	, 10:47 AN	И (EM)		
	s 🛛 No		If YES, Volume Impacting the Watercourse. N/A						
If a Watercourse was Impacted, Describe F N/A		·····				,			
Describe Cause of Problem and Remedial A	Action Taken.*	wru.c.							
Bad transformer inside water pump panel b		oump not	to start and a	llowing water tan	k to over	run. Flui	ids were contained within berm.		
Vacuum truck called									
Describe Area Affected and Cleanup Action	n Taken.*						- Marketin		
An approximate area of 30' X 40'. Wells st	nut down, repairs made	e, standir	ng fluids vacu	iumed up. Vertica	al and ho	orizontal de	elineation will be made and		
corrective action taken. Depth to Ground RANKING IS 10. Based on enclosed info	water: 50-99, wenn	.eaa rroi oleum Ci	tection Area: orporation r	: No, Distance to equests closure.	Surface	Water Bo	ody: >1000', SITE		
			_	-					
I hereby certify that the information given a regulations all operators are required to repo	bove is true and complete and/or file certain r	lete to the	e best of my l	knowledge and un	iderstand	that pursi	uant to NMOCD rules and		
public health or the environment. The accept	ptance of a C-141 repo	ort by the	: NMOCD ma	arked as "Final Re	eport" doe	es not relie	eve the operator of liability		
should their operations have failed to adequ	ately investigate and re	emediate	contaminatio	on that pose a threa	at to grou	und water.	surface water, human health		
or the environment. In addition, NMOCD a federal, state, or local laws and/or regulation	cceptance of a C-141 r	report do	es not relieve	the operator of re	esponsibi	ility for co	mpliance with any other		
Todoral, state, or room laws and or rogarante.	13.	-		OIL CONS	FRVA	TIONI	DIVICION		
50/01/1				OID COILD	ر بر ۷ کلنار	Y Y T O T A T	DIAIDIA		
Signature: .									
Printed Name: Robert Asher		A	pproved by I	District Supervisor	1:				
Title: Environmental Regulatory Agent		_   A	unroval Date		Evaluation Data				
			Approval Date: Expiration Date:			vate:			
E-mail Address: boba@ypcnm.com		— С	Conditions of Approval:			Attached			
Date: Tuesday, January 08, 2008 P	hone: 505-748-1471								

<sup>\*</sup> Attach Additional Sheets If Necessary

of New Mexico

Incident ID	nKMW0800950646
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?				
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?				
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?				
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?				
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No			
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Are the lateral extents of the release overlying an unstable area such as karst geology?				
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes 🏻 No			
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	☐ Yes 🏻 No			
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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 4

Page 24 of 390

Incident ID	nKMW0800950646
District RP	
Facility ID	
Application ID	

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. Printed Name: Chase Settle Title: Rep Safety & Environmental Sr Signature: Chase Settle Date: 12/7/2023 email: Chase\_Settle@eogresources.com Telephone: 575-748-1471 **OCD Only** Received by: Date:

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.

✓ A scaled site and sampling diagram as described in 19.15.29.	11 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODe	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
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	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:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.
Closure Approved by:	Date:
Printed Name:	Title:

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

#### **Release Notification and Corrective Action OPERATOR** Initial Report Final Report OGRID Number Contact Name of Company Robert Asher Yates Petroleum Corporation 25575 Telephone No. Address 104 S. 4<sup>TH</sup> Street 505-748-1471 Facility Type API Number Facility Name 30-015-23906 Battery Platt PA Tank Battery Lease No. Mineral Owner Surface Owner State Fee LOCATION OF RELEASE Feet from the North/South Line Feet from the East/West Line County Section Township Range Unit Letter Eddy 26E 26 18S K Latitude 32.71561 Longitude 104.35672 NATURE OF RELEASE Volume of Release Volume Recovered Type of Release 10 B/PW 8 B/PW Produced Water Date and Hour of Occurrence Date and Hour of Discovery Source of Release 7/2/2007 AM 7/2/2007 AM Heater Treater If YES, To Whom? Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required Date and Hour By Whom? N/A If YES, Volume Impacting the Watercourse. Was a Watercourse Reached? 🗌 Yes 🛭 No If a Watercourse was Impacted, Describe Fully.\* Describe Cause of Problem and Remedial Action Taken.\* Hole in fire tube plate from corrosion on heater treater. Fluids were contained within berm. Vacuum truck called. Describe Area Affected and Cleanup Action Taken.\* An approximate area of 35' X 8'. Wells shut down, repairs made, standing fluids vacuumed up. Contaminated soils excavated and hauled to an OCD approved land facility. Vertical and horizontal delineation will be made and corrective action taken. Depth to Ground Water: 50-99', Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 10. Based on enclosed information, Yates Petroleum Corporation requests closure. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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. OIL CONSERVATION DIVISION Signature: Approved by District Supervisor: Printed Name: Robert Asher Approval Date: Expiration Date: Title: Environmental Regulatory Agent Conditions of Approval: E-mail Address: boba@ypcnm.com Attached Phone: 505-748-1471 Date: Tuesday, January 08, 2008

<sup>\*</sup> Attach Additional Sheets If Necessary

of New Mexico

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?	>55 (ft bgs)			
Did this release impact groundwater or surface water?				
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?				
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?				
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?				
Are the lateral extents of the release within 300 feet of a wetland?				
Are the lateral extents of the release overlying a subsurface mine?				
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 <b>not</b> on an exploration, development, production, or storage site?	☐ Yes 🛛 No			
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vercontamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil			
Characterization Report Checklist: Each of the following items must be included in the report.				
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data	ls.			
Data table of soil contaminant concentration data				
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 Mexico Page 4 Oil Conservation Division

	Page 28 of 3	90
Incident ID	nKMW0800950937	
District RP		
Facility ID		
Application ID		

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.					
Printed Name: Chase Settle	Title: Rep Safety & Environmental Sr				
Signature: Chase Settle	Date: 12/7/2023				
email: Chase_Settle@eogresources.com	Telephone: <u>575-748-1471</u>				
OCD Only					
Received by:	Date:				

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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.

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

✓ A scaled site and sampling diagram as described in 19.15.29.1	1 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	C District office must be notified 2 days prior to final sampling)				
☑ Description of remediation activities					
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and renhuman health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regula restore, reclaim, and re-vegetate the impacted surface area to the conaccordance with 19.15.29.13 NMAC including notification to the OP rinted Name: Chase Settle	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in				
OCD Only					
Received by:	Date:				
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.				
Closure Approved by:	Date:				
Printed Name:	Title:				

# **APPENDIX B – Releases During 1980s-1990s**

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

NAME OF	***				ADDRESS				
OPERATOR	OPERATOR YATES PETROLEUM CORPORATION 105 So. 4th St., Artesia, NM 88210						88210		
REPORT OF	FIRE	BREAK	SPILL	LEAK	BLOWOU	TO T	HER*		
TYPE OF	DRLG	PROD	TANK	PIPE	TGAS0	TOIL	OTHER*		
FACILITY	WELL	WELL	BTTY X	LINE	PLNT	RFY	TOTHER*		
NAME OF FACILITY	Platt PA	<u></u>			7		-		
LOCATION OF			R/OUAR-			SEC.	TWP.	Incr	To our war
ITER SECTION	V OR FOOT	AGE DESCR	IPTION)	Unit M,		26	18s	RGE. 26E	COUNTY Eddy
DISTANCE AN EST TOWN OF	ND DIRECT	ION FROM I	NEAR-	oximately	9 miles	southeast			
DATE AND HO	UR	NI LANUMAI	KK TIPPI		DATE AN	() 110116			
OF OCCURENC	[ Morni						umper d 1v rout	iscovered	d when making n 7-10 AM
WAS IMMEDIA NOTICE GIVE		ES NO	NOT R		IF YES,		Ly rout	c between	1 7-10 AM
BY	.N:		x QUIRE	D	TO WHOM		····		
wном					AND HOUS	· }			
TYPE OF FLUID LOST	Crude	oi1			QUANTITY	7		VOLUME R	E-
DID ANY FLU			NO	QUANTIT	OF LOSS	9 BB	LS	COVERED	none
A WATERCOUR	SE?	1	X	QUANTIT	I				
IF YES, DES	CRIBE FU	LLY**			***		· .		
*					*				
EA,									1
DESCRIBE CAL	ICE OF DE	ODI CHI AND	DELLEGIAL		241				
DESCRIBE CAL									
Two hold	es in tar neferred	nk #35063 from tank	(one hole-	hatch li	and one	hole 4"	from con	ne)	
311 31d	norcirca	IIOM CAIK		talik 3300	oz and 350	J65.			1
DESCRIBE ARE	A AFFECT	ED AND CLI	FANIIP ACTI	ON TAKEN	**				
				- TAKEN	*				
0il went	t into pi	t.							
DESCRIPTION	FA	RMING	GRAZIN	G	URBAN	TOTHE	D*		
OF AREA SURFACE	-   CA	NOV		X		Joine	IX *		· ·
CUNDITIONS	1	X I	SANDY OAM	CLAY	ROCKY	WET		RY	SNOW
DESCRIBE GEN	ERAL CON	DITIONS PR	EVAILING	(TEMPERAT	URF PREC	IPITATIO	V ETC	X	N
	-					) 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1, 210.	,	04
weather	was crea	r with tem	perature	around 50	•				33
UCA COLL				*					7.2
HEREBY CER NOWLEDGE ANI	TIFY THAT	THE INFO	RMATION A	BOVE IS T	RUE AND C	OMPLETE T	O THE P	EST OF M	Y
MONLEDGE ANI	J BELIEF								
()	è	8							7.3
Weather was clear with temperature around 50°.  HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY  NOWLEDGE AND BELIEF  IGNESS: Antique And TITLE Production Supervisor DATE 1-13-89  **ATTACH ADDITIONAL SHEETS IF NECESSARY									
SPECIFY	•	**ATTACH /	ADDITIONAL	SHEETS	IF NECESS	ARY		DIVIL I I	Ima
						= 6	*		10
				•			,		asea
									Rele

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

Page	Catoonymous										
	MAME OF					ADDRESS					
	OPERATOR YAT	105 South 4th St., Artesia, NM 88210				88210					
	REPORT F	IRE BREA	SPIL	L II	LEAK	BLOWOU		THER*			
		RLG PROD	T + A VIV		X	Y					
		LL WELL	TANK	PIT		GAS0	OIL	OTHER*			
	NAME OF	LL INCLL	IDIII	X   LIN	NE	PLNT	RFY				
FACILITY Platt PA (Battery)											
	LOCATION OF F	TWP.	Incr	1001111211							
	LIER SECTION C	IR FOOTAGE DE	SCRIPTION	l) Uni	t M		SEC. 26	185	RGE. 26E	COUNTY Eddy	
	DISTANCE AND	DIRECTION FR	OM NEAR-								
EST TOWN OR PROMINENT LANDMARK Approx. 9 miles southeast of Artesia, NM 8821										38210	
DATE AND HOUR DATE AND HOUR									)		
	WAS IMMEDIATE			OT RE-		OF DISCOVERY  9:30 AM, 1-30-89  IF YES, No.					
	NOTICE GIVEN?		1	UIRED		TO WHOM	Not rep	orted by	ed by pumper until		
	BY			311125		DATE	4:33 P.	M T-30-82	,	4:50 PM	
	WHOM Juanit. TYPE OF	a Goodlett				AND HOUR	1-3	0-89.	Artesia,	4:50 PM	
	FLUID LOST	0 1 1-				QUANTITY	/		VOLUME R	F -	
	DID ANY FLUID	Crude oil	ES INO	101	I A A I T Y T	OF LOSS	80 вы1		COVERED	70 bbls	
	A WATERCOURSE	?	ES NO	x  Q	UANTIT	Y					
	IF YES, DESCR.										
										•	
ł					*						
1											
	DESCRIBE CAUSE	OF PROBLEM	AND DEMER	TAL ACT	TION T						
1	Hole in tan	k - oil leak	ed out.	Will re	pair h	ole or re	place ta	ınk.			
		•							v	±	
F	ESCRIBE ADEA	ACCCCTED AND	CL CALUE	1							
	DESCRIBE AREA	AFFECTED AND	CLEANUP	ACTION	TAKEN*	*	,				
	Use vacuum	truck to rec	over oil.	Will.	uco bo	alrhaa ta					
1				*****	use Da	cknoe to	crean a	rea and o	cover oil	l spill.	
1	CCCOXDT*										
	ESCRIPTION F AREA	FARMING	GR.	AZING		URBAN	TOTHE	-R*			
	URFACE	CANOV	76011011	X			,,,,				
	UNDITIONS	SANDY	SANDY	CL	ΑY	ROCKY	WET	DR	Y	CNOU	
			LOAM	- 1					· · · · · · · · · · · · · · · · · · ·	ZINOM 1	
		AL CONDITION	SPREVATI	INC /TE	MDCDAT	X X	1.		X	SNOW	
)	ESCRIBE GENERA	AL CONDITION:	S PREVAIL	ING (TEI	MPERAT	URE, PREC	IPITATIO	ON, ETC.)	X **	SNOM	
PM	ESCRIBE GENERA		S PREVAIL			URE, PREC	IPITATIO	ON, ETC.)	X	SHOM	
)			S PREVAIL			URE, PREC	IPITATIO	DN, ETC.)	X **	SNOW	
12:47:03 PM	Weather clea	ar. Temperat	S PREVAIL	ox. 50°	at 9:3	URE, PREC	IPITATIO		**		
12:47:03 PM	Weather clea	ar. Temperat	S PREVAIL	ox. 50°	at 9:3	URE, PREC	IPITATIO		**		
12:47:03 PM	Weather clea	ar. Temperat	S PREVAIL	ox. 50°	at 9:3	URE, PREC	IPITATIO		**		
2/28/2023.12:47:03 PM	Weather clea	ar. Temperat	S PREVAIL	ox. 50°	at 9:3	URE, PREC	IPITATIO		**		
. 12/28/2023.12:47:03 PM	Weather cleanery HEREBY CERTIF NOWLEDGE AND E	ar. Temperat	S PREVAIL	ox. 50°	at 9:3	URE, PREC	OPPLETE	TO THE B	** EST OF M	Υ	
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Received by OCD: 12/28/2023 12:47:03 PM

<u>DISTRICT I</u> P.O.Box 1980, Hobbs, NM 88241-1980

DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III 1000 Rio Brazos Rd, Aziec, NM 87410

State of New Mexico Energy, Minerals and Natural Resources Department

# OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

										OWOUTS							
OPERATOR		***			e e		DRESS				TELEPHONE #						
Yates Pe	etro1eu	n Corporat	ion			10	5 S.	4th,	Artesi	a, NM (50	05) 748-1471						
REPORT	FIRE	BREAK	SPIL	L	LEAK	į.	BLOW	OUT	OTH	ER*							
OF	DDIG	PROP	TANK	PIPE	X  GAS	20	OIL		ОТН	ED*							
TYPE OF	DRLG	PROD	TANK	LINE	PLN	20.00	RFY		Oim								
FACILITY	WELL	WELL	BTRY	r   LTIME	PLI	(1	Krı										
FACILITY NAME: Platt PA Tank Battery																	
LOCATION							SEC.	7	WP.	RGE.	COUNTY						
Qtr/Qtr Sec. o	PA #3 1	n) ·		26	18S	26E	Eddy										
DISTANCE	AND DIRE	CTION FROM N	VEAREST	•			•	,									
TOWN OR PROMINENT LANDMARK 10 miles southeast of Artesia, NM																	
DATE AND HOUR 8-4-92 - 11:00 AM																	
OF OCCURE	RENCE E						DISCO.	VERY									
WAS IMME	DIATE	YES	NO	NOT RI	*	IF YES,		•									
NOTICE GIV	VEN?		X	QUIRE	D	TO WHO	OM										
BY		* 2.5			*	DATE											
WHOM						AND HO	V., 3 2 - 2003										
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FLUID LOS	r Cr	ıde oil an	d produc	ed water		OF LOS	<b>s</b> 5	0 вы1	S (	COVERED	40						
DID ANY FI	LUIDS REA	CH YES	NO		QUANT	ITY											
A WATERC	OURSE?			X				:	•								
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1		, 794 A.1 -	132 Page					10.00									
DESCRIBE	CAUSE OF	PROBLEM AN	D REMEDIA	L ACTION	TAKEN**												
	of the																
Line from separator to gun barrel sprung leak and leaked oil and water.																	
Line :	from se	parator to	gun bar	rel spru	ing lea	k and	leake	Action taken was to call for vacuum truck. Picked up approximately 10 BO and 30 BW									
Action 1	taken w	parator to as to call	for vac	uum truc	k. Pi	cked u	р арр	roxim	ately	10 BO and	30 BW						
Action	taken w	parator to as to call	for vac	uum truc	k. Pi	cked u	р арр	roxim	ately	10 BO and	30 BW date.						
Action 1	taken w in dra	parator to	for vac ut clamp	uum truc	k. Pi	cked u	р арр	roxim	ately	10 BO and	30 BW date.						
Action of and put	taken w in dra	parator to as to call in pitP	for vac ut clamp	uum truc on line	k. Pi for n	cked u	p app an to	roxim repl	ately	10 BO and	30 BW						
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DESCRIBE Will have Some oil Pumper  DESCRIPTION OF AREA SURFACE CONDITION DESCRIBE  Clear	AREA AFF ve a ba /water estimat  ON  MS GENERAL summer Pumper CERTIFY T	parator to as to call in pitP  ECTED AND Cocknown on 1 seeped behed 3 BO ar  FARMING  SANDY X I CONDITIONS day about left note HAT THE INFO	for vacuut clamp LEANUP AC ocation ind batt nd 7 BW 1 GRAZIN ANDY OAM PREVAILING 90+° on daily ORMATION	TION TAKE 8-6-92 tery. ost.  G CLAY G (TEMPER.  BABOVE IS T	EN**  O buil  URBAN  ATURE, P  Sheet i  RUE AND	ROCKY RECIPITA	and and X	OTHER*  WEI  ETC.)**	ately ace at up an	DRY X	date.						
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# **APPENDIX C - Closure Criteria Determination Documentation**

	criteria Worksheet e: Kleeman PB Battery/Platt PA Battery			
	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	46 274	feet	
2	watercourse or any other significant watercourse	16,271		
3	Within 200 feet of any lakebed, sinkhole or playa lake	40.974	foot	
	(measured from the ordinary high-water mark)	40,874	feet	
4	Within 300 feet from an occupied residence, school,	1,888	feet	
4	hospital, institution or church	1,888		
	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	
Э	domestic or stock watering purposes, <b>or</b>			
	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	No	(Y/N)	
6	municipal ordinance adopted pursuant to Section 3-27-			
	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)	
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 slopes and 1			
12	Ecological Classification	Loamy		
13	Geology	Qp		
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	51-100'	<50' 51-100' >100'	

# TALON

# **BORING LOG**

Project No.: 700438.242.01

Weather: Clear, Temp.: 75°F

Driller: D. Londagin

Site Name: Kleeman PB Battery

Logger: D. Adkins

Rig Type: Reich Drill

Bit Size: 5-7/8"

Location: Eddy County, New Mexico

Date: 5/18/2021

Field Instrument: NA Latitude: 32.71559 N

Drilling Method: Air Rotary

Boring Number: B-1

Longitude: -104.35707 W

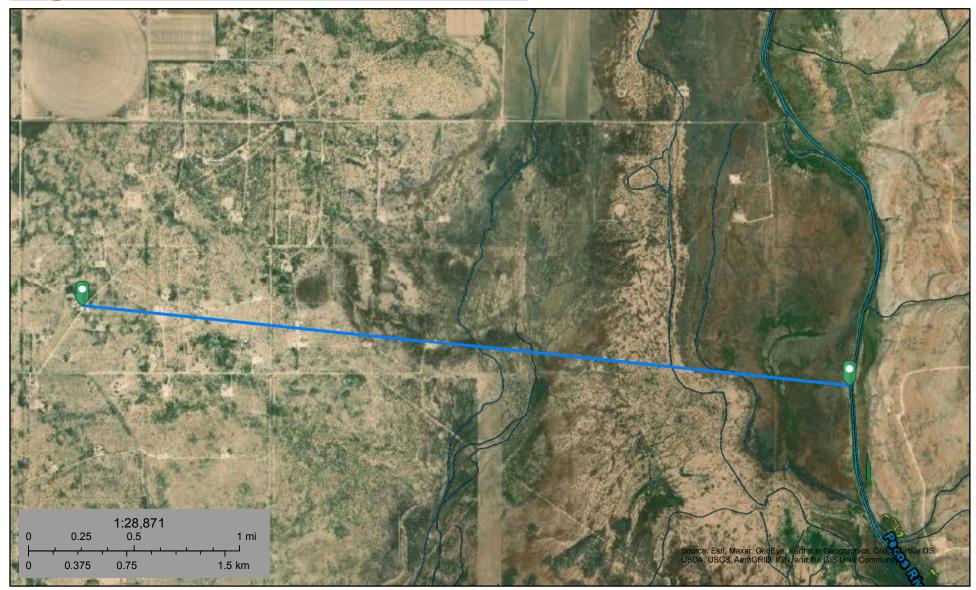
Sample Retrieval Method: Drill Cuttings

	1							
	ale d		>		Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness,	Hydrocarbon Odor	=
e	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	SS	siti )	plasticity, density	arb	PID (ppm)
Time	Sa	amp terv (ft)	amp cov( (ft)	nscs	%)	, , ,	Irocark Odor	g
•	ab Co	S L	S. Re	ر	шо		<u> </u>	吕
	_				၁		Í	
							None	
		0-10'				Light red/brown sandy Loam	Slight	
	ш						Mod.	
							Strong	
		10-15'				Light brown clayey fine Sand (SC) and caliche	None Slight	
		10-13				Light brown clayey fille Sand (SC) and Caliche	Mod.	
							Strong	
						Gray to light gray sandy Clay (CL) with varying amounts of	None	
		15-35'				caliche.	Slight	
						Caliche.	Mod. Strong	
							None	
		35-55'				Light olive/gray to light red/brown fine Sand (SP)	Slight	
		33 33				Light onvergitary to light rear provint time outlier (or )	Mod.	
							Strong	
							None	
						TD 55′	Slight Mod.	
						5 55	Strong	
							None	
							Slight	
							Mod.	
							Strong	
							None	
							Slight Mod.	
							Strong	
							None	
							Slight	
							Mod.	
							Strong None	
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							Mod.	
							Strong	
							None Slight	
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<u> </u>		4					I.	
	e Eleva							
Notes:	Groun	dwater N	ot Encour	nterec	l @ 55' BGS	– 72 hr. Logger Initials:	DJA	]

Page \_\_\_\_\_ of \_\_\_\_







November 15, 2021

#### Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

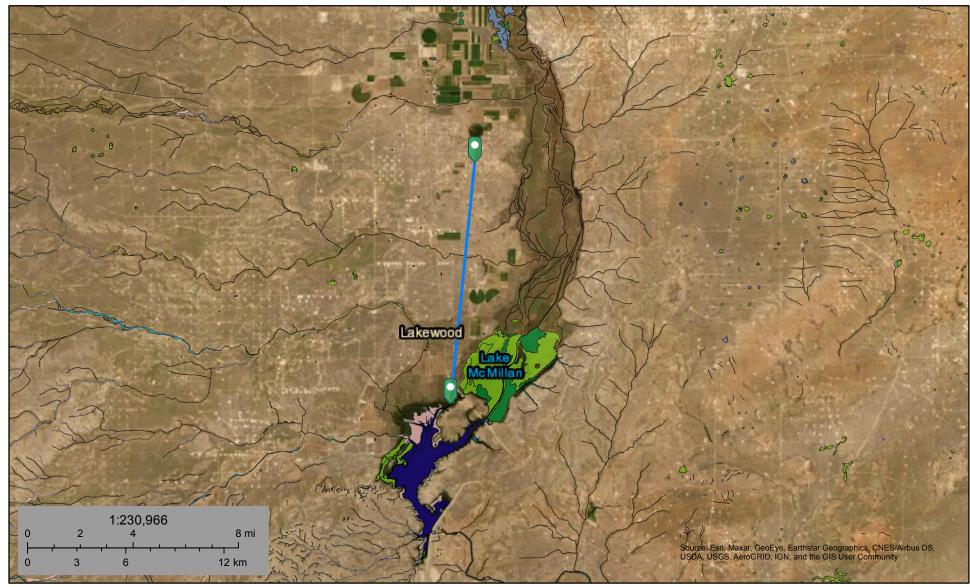
Lake

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.





November 15, 2021

#### Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

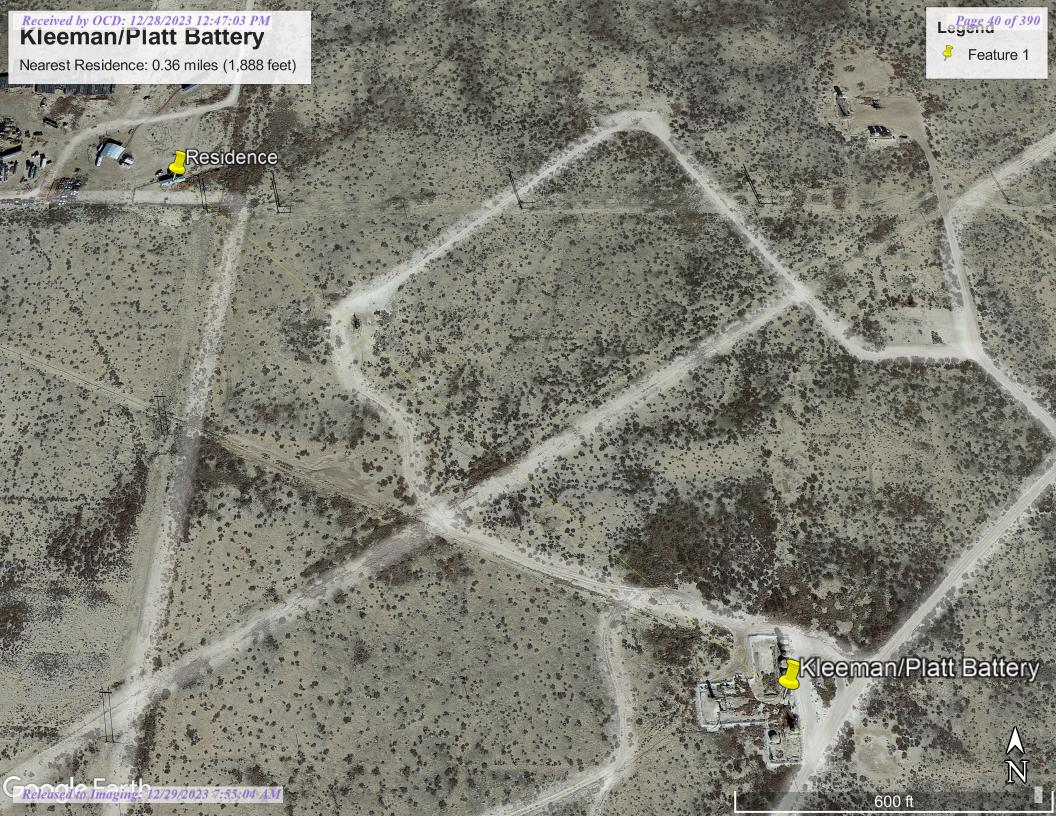
Lake

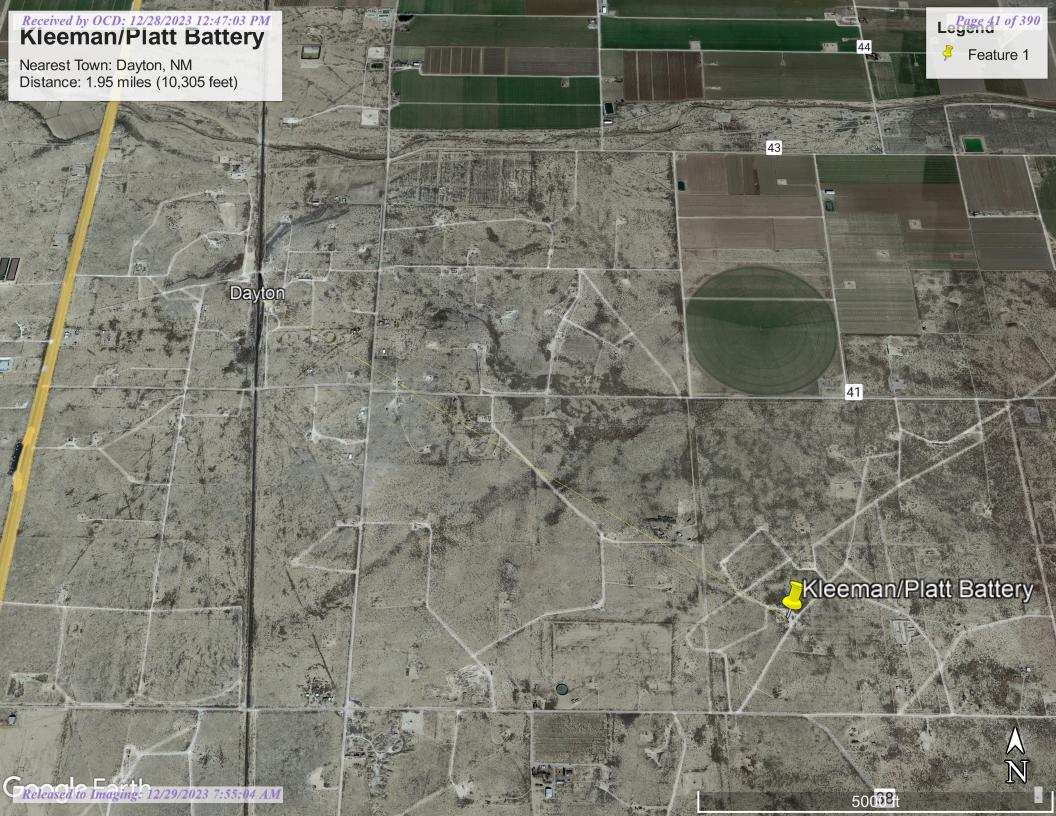
Other

Riverine

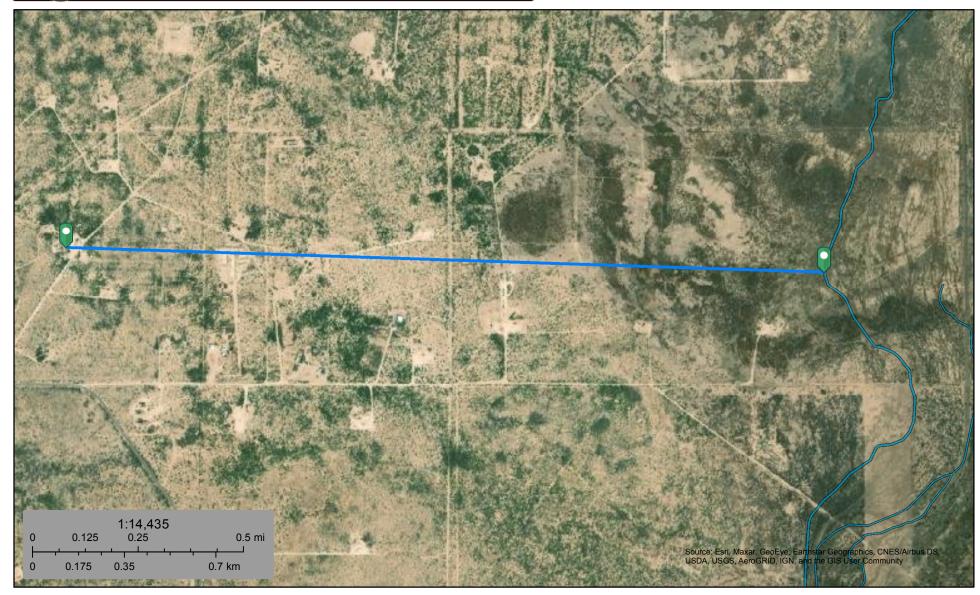


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November 15, 2021

#### Wetlands

Estuarine and Marine Deepwater

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Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

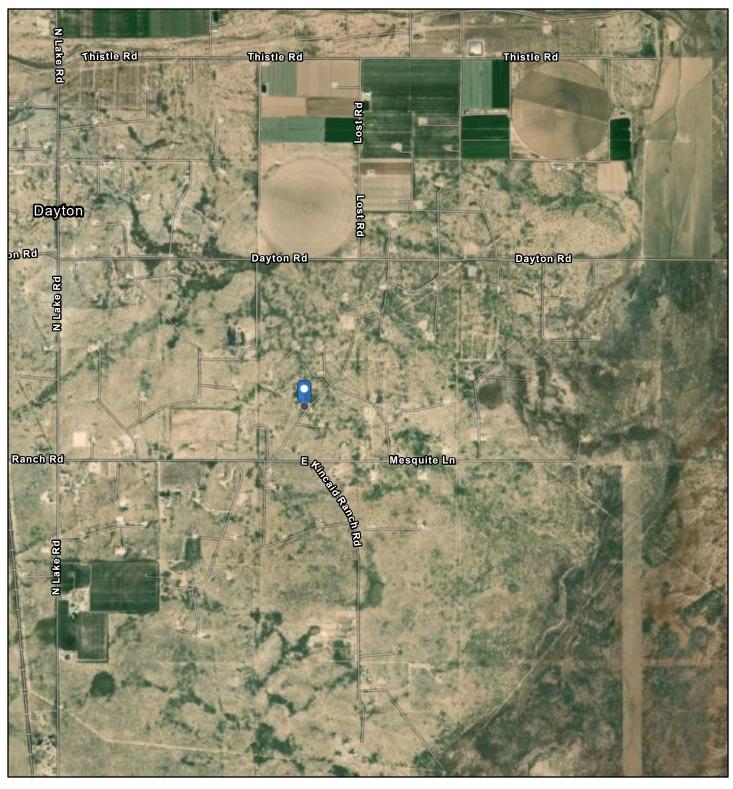
Freshwater Pond

Lake

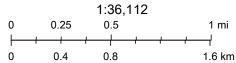
Other

Riverine

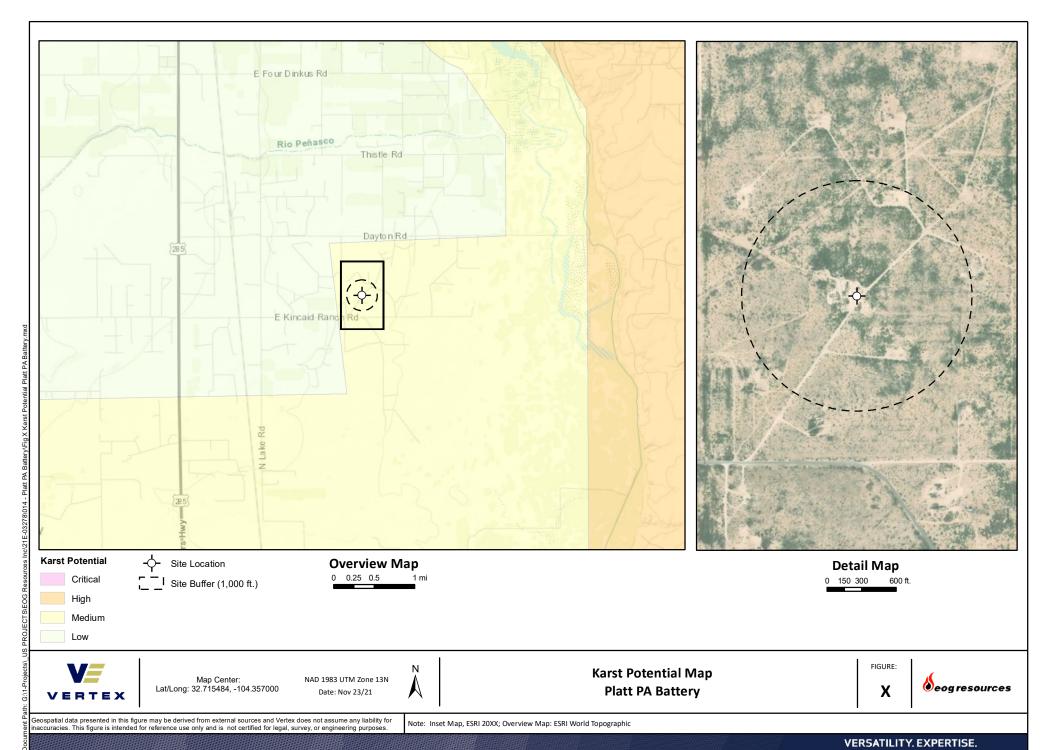
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



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



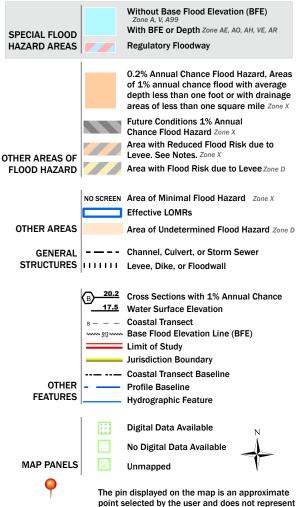
OReleas 250 Im 5 9 Ang: 12/29/2023 0 9.055:04 AM

# National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

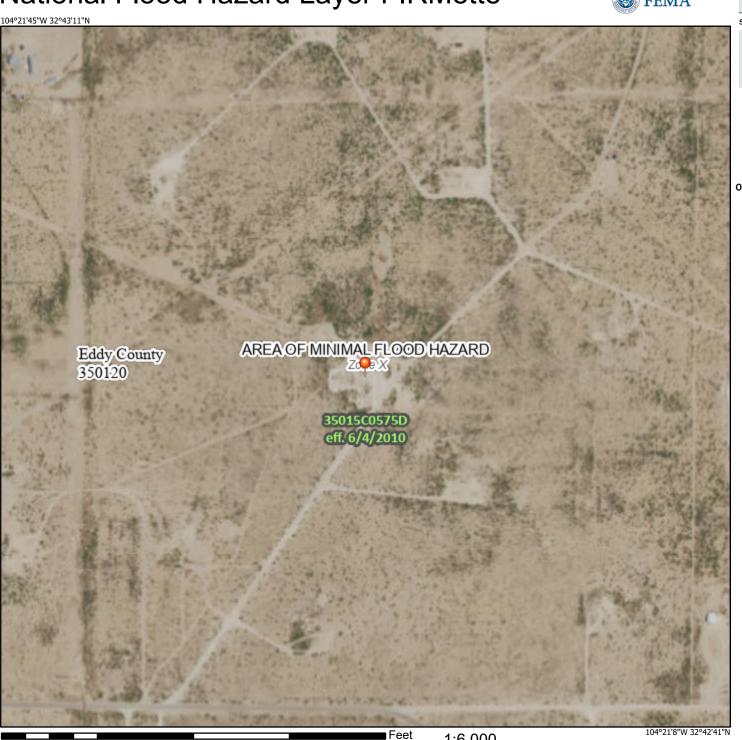


This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/15/2021 at 5:43 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.





#### MAP LEGEND

#### Area of Interest (AOI)

Area of Interest (AOI)

#### Soils

Soil Map Unit Polygons



Soil Map Unit Lines



Soil Map Unit Points

#### **Special Point Features**

Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



**Gravelly Spot** 



Landfill



Lava Flow Marsh or swamp





Mine or Quarry Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot

Spoil Area



Stony Spot Very Stony Spot



Wet Spot

Other



Special Line Features

#### Water Features

Streams and Canals

#### Transportation



Rails



Interstate Highways



**US Routes** 



Major Roads



Local Roads

#### Background



Aerial Photography

#### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20.000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

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

Soil map units are labeled (as space allows) for map scales 1:50.000 or larger.

Date(s) aerial images were photographed: Feb 27, 2020—Feb 28. 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## **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

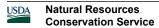
Available water supply, 0 to 60 inches: Moderate (about 8.2

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 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

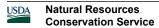
Available water supply, 0 to 60 inches: Moderate (about 8.2

inches)

#### Interpretive groups

Land capability classification (irrigated): 2e Land capability classification (nonirrigated): 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

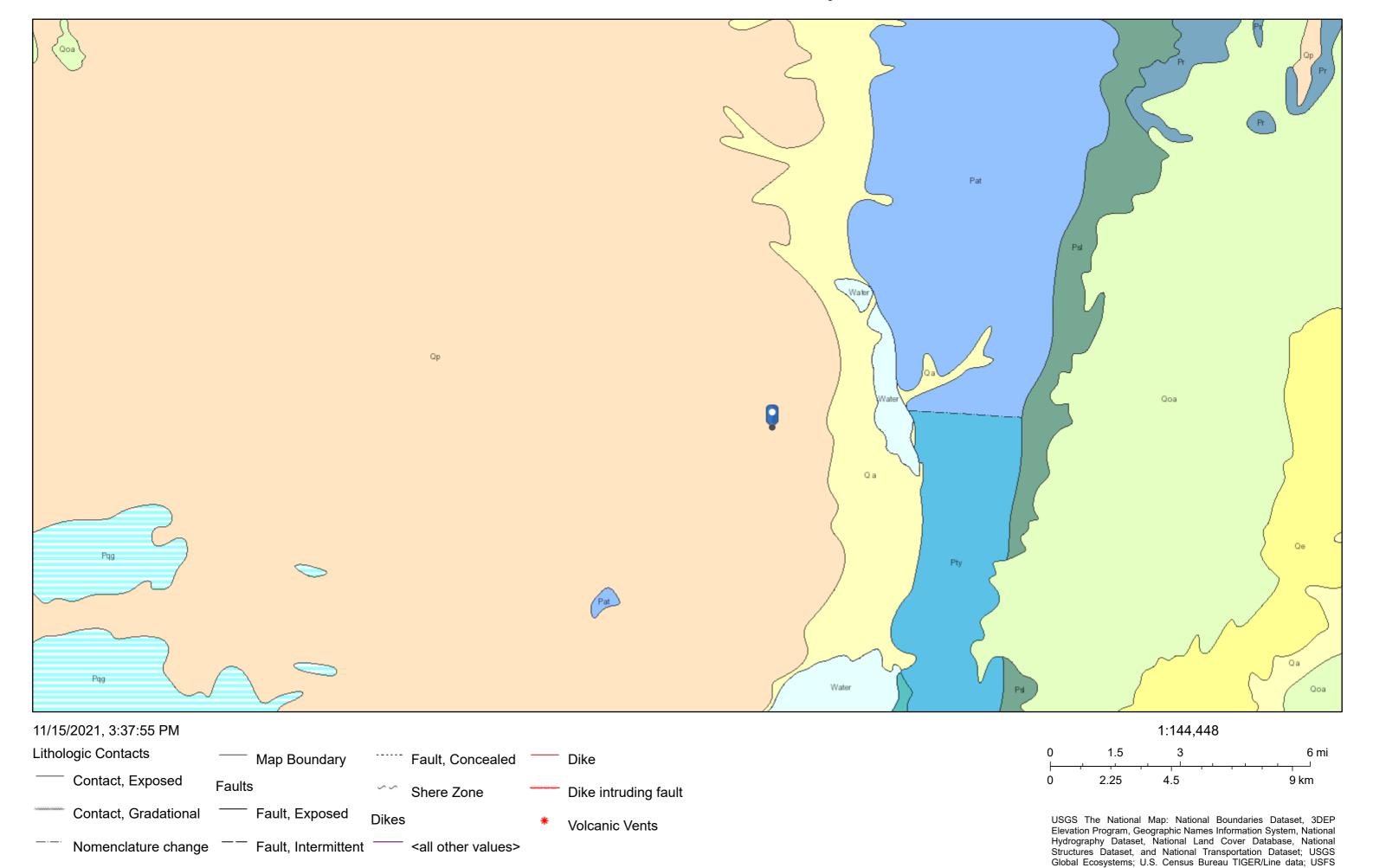
Percent of map unit: 1 percent

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



## **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**



South wall facing Southwest



Bottom of southern half of excavation
Facing Southwest





Viewing Direction: West





West wall Facing West



Northern part of west wall Facing West

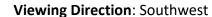


North wall Facing Northwest



Bottom of the northern area of excavation Facing Northwest







Bottom of the West side of the excavation

Facing southwest



Bottom of southern half of excavation

Facing Southwest

Viewing Direction: Southwest



Bottom of southern half of excavation

Facing Southwest



### **Daily Site Visit Signature**

Inspector: Jacob Reta

Signature:



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 <sup>-</sup>	imes		
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



Facing south at the northwest corner of the excavation

## Viewing Direction: North



Facing north at the southeast corner of the excavation

### Viewing Direction: South



Facing south at the northeast corner of the excavation

### Viewing Direction: North



Facing northeast at the southwest corner of the excavation





Facing west at the midpoint of the East wall



Facing East at the midpoint of the west wall



### **Daily Site Visit Signature**

**Inspector:** Angela Mohle

Signature:

## **APPENDIX E – Notifications**

### **Monica Peppin**

From: Chase Settle < Chase\_Settle@eogresources.com>

**Sent:** September 22, 2022 8:10 AM

To: 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

<a>Artesia Regulatory@eogresources.com></a>

**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: tina huerta@eogresources.com

eog resources

To: <u>ocd.enviro@emnrd.nm.gov</u>

Cc: <u>Artesia S&E Spill Remediation</u>; <u>Artesia Regulatory</u>

**Subject:** Platt PA Tank Battery (NAB1727254031/2RP-4422) Sampling Notification

**Date:** February 16, 2023 7:38:55 AM

Attachments: <u>image001.png</u>

#### 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 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



To: <u>ocd.enviro@emnrd.nm.gov</u>

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: <u>image001.png</u>

#### Good morning,

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 Hverta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121

Email: tina\_huerta@eogresources.com



To: <u>ocd.enviro@emnrd.nm.gov</u>

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: <u>image001.png</u>

Good morning,

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



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 9, 2023 5:23:34 AM

Attachments: <u>image001.png</u>

Good morning,

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



From: <u>Miriam Morales</u>

To: <a href="mailto:ocd.enviro@emnrd.nm.gov">ocd.enviro@emnrd.nm.gov</a>

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,

Mirjam Morales

To: <u>ocd.enviro@emnrd.nm.gov</u>

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: <u>image001.png</u>

Good morning,

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



To: <u>ocd.enviro@emnrd.nm.gov</u>

Cc: <u>Artesia S&E Spill Remediation</u>; <u>Artesia Regulatory</u>

Subject: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification

**Date:** March 30, 2023 8:00:10 AM

Attachments: <u>image001.png</u>

Good morning,

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: tina huerta@eogresources.com



From: Chase Settle
To: Chance Dixon

Subject: FW: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification

**Date:** September 22, 2023 8:42:16 AM

Attachments: <u>image001.png</u>

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 Hverta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121

Email: tina huerta@eogresources.com



From: <u>Chase Settle</u>
To: <u>Chance Dixon</u>

Subject: FW: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification

**Date:** September 27, 2023 2:05:19 PM

Attachments: <u>image001.png</u>

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 Hverta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121

Email: tina huerta@eogresources.com



From: <u>Chase Settle</u>
To: <u>Chance Dixon</u>

Subject: FW: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification

**Date:** October 6, 2023 7:25:30 AM

Attachments: <u>image001.png</u>

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: tina huerta@eogresources.com

**S**eog resources

From: Chase Settle
To: Chance Dixon

Subject: FW: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification

**Date:** October 12, 2023 10:32:34 AM

Attachments: <u>image001.png</u>

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 Hverta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121

Email: tina huerta@eogresources.com

**eog resources** 

From: <u>Chase Settle</u>
To: <u>Chance Dixon</u>

Subject: FW: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification

**Date:** October 19, 2023 9:53:34 AM

Attachments: <u>image001.png</u>

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 Hverta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121

Email: tina huerta@eogresources.com

**eog resources** 

From: Chase Settle
To: Chance Dixon

Subject: FW: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification

**Date:** October 25, 2023 1:18:37 PM

Attachments: <u>image001.png</u>

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: tina huerta@eogresources.com

**S**eog resources

From: <u>Chase Settle</u>
To: <u>Chance Dixon</u>

Subject: FW: Platt PA Battery (NKMW0800950646, NKMW0800950937, NKMW0800949657) Sampling Notification

**Date:** November 2, 2023 8:39:07 AM

Attachments: <u>image001.png</u>

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 Hverta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121

Email: tina huerta@eogresources.com



**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 Website: www.hallenvironmental.com

March 02, 2023

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

RE: Platt PA Battery OrderNo.: 2302930

Dear Chance Dixon:

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,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-01 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 9:00:00 AM Lab ID: 2302930-001 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	270	59		mg/Kg	20	2/23/2023 11:01:09 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS					Analys	t: DGH
Diesel Range Organics (DRO)	15	10		mg/Kg	1	2/23/2023 12:11:37 PM	73319
Motor Oll 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 RANGE						Analys	: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/23/2023 12:30:00 PM	73304
Surr. 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

- Value exceeds Maximum Contaminant Level.

  Sample Dibrad Due to Matrix
  Holding times for preparation or analysis exceeded
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of standard limits. If undibrad results may be e
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

- Page 1 of 24

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-02 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 9:05:00 AM Lab ID: 2302930-002 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						Analyst	: NAI
Chloride	540	60		mg/Kg	20	2/23/2023 11:38:22 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst	: SB
Diesel Range Organics (DRO)	20	8.6		mg/Kg	1	2/24/2023 2:31:36 PM	73319
Motor Oli Range Organics (MRO)	50	43		mg/Kg	1	2/24/2023 2:31:36 PM	73319
Surr: DNOP	127	69-147		%Rec	1	2/24/2023 2:31:36 PM	73319
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: CCM
Gasoline 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 METHOD 8021B: VOLATILES						Analyst	: CCM
Benzene	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
Ethylbenzene	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
Surr: 4-Bromofluorobenzene	80.9	70-130		%Rec	1	2/23/2023 1:29:00 PM	73304

- Value exceeds Marrimum Contaminant Level.
  Sample Dibrated Due to Matrix
  Holding times for preparation or analysis exceeded
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery consider of standard limits. If undilisted results may be e
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

- Page 2 of 24

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-03 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 9:10:00 AM Lab ID: 2302930-003 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	76	60		mg/Kg	20	2/23/2023 12:40:24 PM	73338
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analys	t: DGH
Diesel Range Organics (DRO)	25	8.9		mg/Kg	1	2/28/2023 10:15:59 AM	73319
Motor Oll Range Organics (MRO)	50	44		mg/Kg	1	2/28/2023 10:15:59 AM	73319
Surr. DNOP	105	69-147		%Rec	1	2/28/2023 10:15:59 AM	73319
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/23/2023 2:28:00 PM	73304
Sum: 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

- Value exceeds Maximum Contaminant Level.

  Sample Dibrad Due to Matrix
  Holding times for preparation or analysis exceeded
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of standard limits. If undibrad results may be e
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

- - Page 3 of 24

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-04 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 9:15:00 AM Lab ID: 2302930-004 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	: ЈТТ	
Chloride	3000	150	mg/Kg	50	2/24/2023 8:30:22 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE OR				Analys	t: DGH	
Diesel Range Organics (DRO)	110	18	mg/Kg	2	2/23/2023 3:36:47 PM	73319
Motor Oil Range Organics (MRO)	210	92	mg/Kg	2	2/23/2023 3:36:47 PM	73319
Surr. DNOP	97.0	69-147	%Rec	2	2/23/2023 3:36:47 PM	73319
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: CCM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	2/23/2023 2:48:00 PM	73304
Surr. 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

- Value exceeds Maximum Contaminant Level.

  Sample Dibrad Due to Matrix
  Holding times for preparation or analysis exceeded
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of standard limits. If undibrad results may be e
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

- - Page 4 of 24

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-05 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 9:20:00 AM Lab ID: 2302930-005 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	210	60		mg/Kg	20	2/23/2023 1:05:12 PM	73338
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analys	t: DGH
Diesel Range Organics (DRO)	23	9.1		mg/Kg	1	2/28/2023 2:48:33 PM	73319
Motor Oll Range Organics (MRO)	81	46		mg/Kg	1	2/28/2023 2:48:33 PM	73319
Surr: DNOP	93.2	69-147		%Rec	1	2/28/2023 2:48:33 PM	73319
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	2/23/2023 3:08:00 PM	73304
Surr. BFB	94.9	37.7-212		%Rec	1	2/23/2023 3:08:00 PM	73304
EPA METHOD 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
Ethylbenzene	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
Surr: 4-Bromofluorobenzene	79.4	70-130		%Rec	1	2/23/2023 3:08:00 PM	73304

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

- Value exceeds Maximum Contaminant Level.

  Sample Dibrad Due to Matrix
  Holding times for preparation or analysis exceeded
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of standard limits. If undibrad results may be e
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

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### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-06 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 9:25:00 AM Lab ID: 2302930-006 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	: ЈПТ
Chloride	6900	300	mg/Kg	100	2/24/2023 8:42:43 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	t: DGH
Diesel Range Organics (DRO)	74	9.8	mg/Kg	1	2/23/2023 12:24:10 PM	73319
Motor Oil Range Organics (MRO)	120	49	mg/Kg	1	2/23/2023 12:24:10 PM	73319
Surr. DNOP	108	69-147	%Rec	1	2/23/2023 12:24:10 PM	73319
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: CCM
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	2/23/2023 3:27:00 PM	73304
Sum: BFB	97.7	37.7-212	%Rec	1	2/23/2023 3:27:00 PM	73304
EPA METHOD 8021B: VOLATILES					Analys	t: 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

- Value exceeds Maximum Contaminant Level.

  Sample Dibrad Due to Matrix
  Holding times for preparation or analysis exceeded
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of standard limits. If undibrad results may be e
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

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### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-07 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 9:30:00 AM Lab ID: 2302930-007 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	: JTT
Chloride	6200	300		mg/Kg	100	2/24/2023 8:55:04 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analys	t: DGH
Diesel Range Organics (DRO)	510	96		mg/Kg	10	2/23/2023 4:40:56 PM	73319
Motor Oll Range Organics (MRO)	910	480		mg/Kg	10	2/23/2023 4:40:56 PM	73319
Surr. DNOP	0	69-147	S	%Rec	10	2/23/2023 4:40:56 PM	73319
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: CCM
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	2/23/2023 3:47:00 PM	73304
Surr. BFB	98.1	37.7-212		%Rec	5	2/23/2023 3:47:00 PM	73304
EPA METHOD 8021B: VOLATILES						Analys	: 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

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

- Value exceeds Maximum Contaminant Level.
  Sample Dibried Due to Matrix.
  Holding times for preparation or analysis exceed
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of standard limits. If untility

- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

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### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-08 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 9:35:00 AM Lab ID: 2302930-008 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	2400	150	mg/Kg	50	2/24/2023 9:07:26 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE OF				Analys	t: DGH	
Diesel Range Organics (DRO)	270	48	mg/Kg	5	2/23/2023 5:16:43 PM	73319
Motor Oll Range Organics (MRO)	570	240	mg/Kg	5	2/23/2023 5:16:43 PM	73319
Surr. DNOP	104	69-147	%Rec	5	2/23/2023 5:16:43 PM	73319
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: CCM
Gasoline Range Organics (GRO)	ND	24	mg/Kg	5	2/23/2023 4:07:00 PM	73304
Surr. 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

- Value exceeds Maximum Contaminant Level.

  Sample Dibrad Due to Matrix
  Holding times for preparation or analysis exceeded
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of standard limits. If undibrad results may be e
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-09 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 9:40:00 AM Lab ID: 2302930-009 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	5200	300		mg/Kg	100	2/24/2023 9:19:45 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS					Analys	t: DGH
Diesel Range Organics (DRO)	140	49		mg/Kg	5	2/23/2023 5:38:00 PM	73319
Motor Oil Range Organics (MRO)	310	240		mg/Kg	5	2/23/2023 5:38:00 PM	73319
Surr: DNOP	87.3	69-147		%Rec	5	2/23/2023 5:38:00 PM	73319
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	2/23/2023 10:20:00 PM	73304
Surr. 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

- Value exceeds Maximum Contaminant Level.

  Sample Dibrad Due to Matrix
  Holding times for preparation or analysis exceeded
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of standard limits. If undibrad results may be e
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

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### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-10 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 9:45:00 AM Lab ID: 2302930-010 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	5300	300	mg/Kg	100	2/24/2023 9:32:07 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE O				Analys	t: DGH	
Diesel Range Organics (DRO)	170	44	mg/Kg	5	2/23/2023 5:59:14 PM	73319
Motor Oil Range Organics (MRO)	280	220	mg/Kg	5	2/23/2023 5:59:14 PM	73319
Surr: DNOP	87.0	69-147	%Rec	5	2/23/2023 5:59:14 PM	73319
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: CCM
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	2/23/2023 4:46:00 PM	73304
Surr. 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

- Value exceeds Maximum Contaminant Level.

  Sample Dibrad Due to Matrix
  Holding times for preparation or analysis exceeded
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of standard limits. If undibrad results may be e
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

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### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-11 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 9:50:00 AM Lab ID: 2302930-011 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	: ЈТТ
Chloride	5000	150		mg/Kg	50	2/24/2023 9:44:27 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analys	t: DGH
Diesel Range Organics (DRO)	170	19		mg/Kg	2	2/23/2023 6:20:23 PM	73319
Motor Oil 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 RANGE						Analys	t: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/23/2023 5:25:00 PM	73304
Surr. 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
Surr: 4-Bromofluorobenzene	87.0	70-130		%Rec	1	2/27/2023 10:57:36 AM	73304

- Value exceeds Maximum Contaminant Level.
  D Sample Dibried Due 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 standard limits. If undibried results may be e
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

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### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-12 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 9:55:00 AM Lab ID: 2302930-012 Matrix: SOIL Received Date: 2/22/2023 7:30:00 AM

	- ·			**	-	D. (	
Analyses	Result	KL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: JTT
Chloride	5200	300		mg/Kg	100	2/24/2023 9:56:48 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS					Analys	t: DGH
Diesel Range Organics (DRO)	200	18		mg/Kg	2	2/23/2023 6:41:29 PM	73319
Motor Oll Range Organics (MRO)	320	92		mg/Kg	2	2/23/2023 6:41:29 PM	73319
Surr: DNOP	95.4	69-147		%Rec	2	2/23/2023 6:41:29 PM	73319
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/23/2023 5:44:00 PM	73304
Surr. 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

- Value exceeds Maximum Contaminant Level.

  Sample Dibrad Due to Matrix
  Holding times for preparation or analysis exceeded
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of standard limits. If undibrad results may be e
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

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### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-13 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 10:00:00 AM Lab ID: 2302930-013 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					Analyst	: ЈТТ
Chloride	5900	300	mg/Kg	100	2/24/2023 10:09:09 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	DGH
Diesel Range Organics (DRO)	79	9.6	mg/Kg	1	2/28/2023 3:16:19 PM	73319
Motor Oll Range Organics (MRO)	120	48	mg/Kg	1	2/28/2023 3:16:19 PM	73319
Surt: DNOP	83.8	69-147	%Rec	1	2/28/2023 3:16:19 PM	73319
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	2/23/2023 6:04:00 PM	73304
Sum: BFB	102	37.7-212	%Rec	1	2/23/2023 6:04:00 PM	73304
EPA METHOD 8021B: VOLATILES					Analyst	: JJP
Benzene	ND	0.025	mg/Kg	1	2/27/2023 11:44:36 AM	73304
Toluene	ND	0.049	mg/Kg	1	2/27/2023 11:44:36 AM	73304
Ethylbenzene	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
Surr: 4-Bromofluorobenzene	92.2	70-130	%Rec	1	2/27/2023 11:44:36 AM	73304

- Value exceeds Maximum Contaminant Level.

  Sample Dibrad Due to Matrix
  Holding times for preparation or analysis exceeded
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of standard limits. If undibrad results may be e
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

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### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-14 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 10:05:00 AM Lab ID: 2302930-014 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					Analyst	: JTT
Chloride	5000	300	mg/Kg	100	0 2/24/2023 10:21:29 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	80	18	mg/Kg	2	2/24/2023 12:55:46 PM	73319
Motor Oll 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 METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline 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 METHOD 8021B: VOLATILES					Analyst	: JJP
Benzene	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
Ethylbenzene	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
Surr: 4-Bromofluorobenzene	91.2	70-130	%Rec	1	2/27/2023 12:08:08 PM	73304

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

- Value exceeds Maximum Contaminant Level.

  Sample Dibrad Due to Matrix
  Holding times for preparation or analysis exceeded
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of standard limits. If undibrad results may be e
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

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### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-15 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 10:10:00 AM Lab ID: 2302930-015 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					Analyst	: ЈТТ
Chloride	10000	600	mg/Kg	200	0 2/24/2023 10:58:32 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	74	9.8	mg/Kg	1	2/24/2023 2:55:36 PM	73319
Motor Oil Range Organics (MRO)	160	49	mg/Kg	1	2/24/2023 2:55:36 PM	73319
Surr. DNOP	130	69-147	%Rec	1	2/24/2023 2:55:36 PM	73319
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	2/23/2023 6:44:00 PM	73304
Surr. BFB	99.5	37.7-212	%Rec	1	2/23/2023 6:44:00 PM	73304
EPA METHOD 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
Ethylbenzene	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
Surr: 4-Bromofluorobenzene	91.4	70-130	%Rec	1	2/27/2023 12:31:53 PM	73304

- Value exceeds Maximum Contaminant Level.
  Sample Dibried Due to Matrix.
  Holding times for preparation or analysis exceed
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of standard limits. If untility

- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

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### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-16 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 10:15:00 AM Lab ID: 2302930-016 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					Analyst	: ЈТТ
Chloride	5200	300	mg/Kg	100	0 2/24/2023 11:10:53 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: DGH
Diesel Range Organics (DRO)	160	9.7	mg/Kg	1	2/28/2023 4:09:45 PM	73319
Motor Oil Range Organics (MRO)	220	48	mg/Kg	1	2/28/2023 4:09:45 PM	73319
Surr: DNOP	133	69-147	%Rec	1	2/28/2023 4:09:45 PM	73319
EPA METHOD 8015D: GASOLINE RANGE					Analyst	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					Analyst	: 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

- Value exceeds Maximum Contaminant Level.
  Sample Dibried Due to Matrix.
  Holding times for preparation or snalysis exceed
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of standard limits. If untility

- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

- Page 16 of 24

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-17 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 10:20:00 AM Lab ID: 2302930-017 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	87	60	mg/Kg	20	2/23/2023 3:58:54 PM	73338
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analys	t: DGH
Diesel Range Organics (DRO)	13	9.6	mg/Kg	1	2/23/2023 4:19:32 PM	73319
Motor Oll Range Organics (MRO)	ND	48	mg/Kg	1	2/23/2023 4:19:32 PM	73319
Surr. DNOP	93.6	69-147	%Rec	1	2/23/2023 4:19:32 PM	73319
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: CCM
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	2/23/2023 7:23:00 PM	73304
Sum: BFB	102	37.7-212	%Rec	1	2/23/2023 7:23:00 PM	73304
EPA METHOD 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
Ethylbenzene	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
Surr: 4-Bromofluorobenzene	91.8	70-130	%Rec	1	2/27/2023 1:19:23 PM	73304

- Value exceeds Maximum Contaminant Level.
  Sample Dibried Due to Matrix.
  Holding times for preparation or snalysis exceed
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of standard limits. If untility
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

- - Page 17 of 24

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-18 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 10:25:00 AM Lab ID: 2302930-018 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					Analyst	: NAI
Chloride	62	60	mg/Kg	20	2/23/2023 4:11:19 PM	73338
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: DGH
Diesel Range Organics (DRO)	29	10	mg/Kg	1	2/23/2023 7:23:27 PM	73319
Motor OII Range Organics (MRO)	68	50	mg/Kg	1	2/23/2023 7:23:27 PM	73319
Surr: DNOP	93.1	69-147	%Rec	1	2/23/2023 7:23:27 PM	73319
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: CCM
Gasoline 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 METHOD 8021B: VOLATILES					Analyst	: JJP
Benzene	ND	0.025	mg/Kg	1	2/27/2023 1:43:15 PM	73304
Toluene	ND	0.050	mg/Kg	1	2/27/2023 1:43:15 PM	73304
Ethylbenzene	ND	0.050	mg/Kg	1	2/27/2023 1:43:15 PM	73304
Xylenes, Total	ND	0.10	mg/Kg	1	2/27/2023 1:43:15 PM	73304
Surr: 4-Bromofluorobenzene	92.8	70-130	%Rec	1	2/27/2023 1:43:15 PM	73304

- Value exceeds Maximum Contaminant Level.

  D Sample Dibried Due to Matrix

  H Holding times for preparation or analysis exceeded

  NO Not Detected at the Reporting Limit

  PQL Practical Quantitative Limit

  S % Recovery conside of standard limits. If undilisted results may be experienced.
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

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### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-19 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 10:30:00 AM Lab ID: 2302930-019 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					Analyst	t: NAI
Chloride	99	60	mg/Kg	20	2/23/2023 4:23:44 PM	73338
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	t: DGH
Diesel Range Organics (DRO)	21	9.6	mg/Kg	1	2/24/2023 3:43:29 PM	73319
Motor Oll Range Organics (MRO)	57	48	mg/Kg	1	2/24/2023 3:43:29 PM	73319
Surr. DNOP	100	69-147	%Rec	1	2/24/2023 3:43:29 PM	73319
EPA METHOD 8015D: GASOLINE RANGE					Analyst	t: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	2/23/2023 8:03:00 PM	73304
Surr. BFB	98.3	37.7-212	%Rec	1	2/23/2023 8:03:00 PM	73304
EPA METHOD 8021B: VOLATILES					Analyst	t: JJP
Benzene	ND	0.024	mg/Kg	1	2/27/2023 2:07:07 PM	73304
Toluene	ND	0.049	mg/Kg	1	2/27/2023 2:07:07 PM	73304
Ethylbenzene	ND	0.049	mg/Kg	1	2/27/2023 2:07:07 PM	73304
Xylenes, Total	ND	0.098	mg/Kg	1	2/27/2023 2:07:07 PM	73304
Surr: 4-Bromofluorobenzene	95.4	70-130	%Rec	1	2/27/2023 2:07:07 PM	73304

- Value exceeds Maximum Contaminant Level.
  Sample Dibried Due to Matrix.
  Holding times for preparation or snalysis exceed
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of standard limits. If untility

- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

- Page 19 of 24

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-20 4ft

Project: Platt PA Battery Collection Date: 2/20/2023 10:35:00 AM Lab ID: 2302930-020 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					Analyst	t: NAI
Chloride	77	60	mg/Kg	20	2/23/2023 6:52:37 PM	73347
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst	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
Surr: DNOP	120	69-147	%Rec	1	2/24/2023 3:54:11 PM	73319
EPA METHOD 8015D: GASOLINE RANGE					Analyst	t: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	2/23/2023 8:22:00 PM	73304
Surr. BFB	96.0	37.7-212	%Rec	1	2/23/2023 8:22:00 PM	73304
EPA METHOD 8021B: VOLATILES					Analyst	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

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

- Value exceeds Maximum Contaminant Level.

  Sample Dibrad Due to Matrix
  Holding times for preparation or analysis exceeded
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of standard limits. If undibrad results may be e
- Analyte detected in the associated Method Blank Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pH Not in Range

- RL Reporting Limit

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02-Mar-23

## QC SUMMARY REPORT

### Hall Environmental Analysis Laboratory, Inc.

Client: Platt PA Battery Project:

TestCode: EPA Method 300.0: Anions Sample ID: MB-73338 SampType: mblk Client ID: PBS Batch ID: 73338 RunNo: 94838

Prep Date: 2/23/2023 Analysis Date: 2/23/2023 SeqNo: 3428253 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit

Sample ID: LCS-73338 SampType: lcs TestCode: EPA Method 300.0: Anions Client ID: LCSS Batch ID: 73338 RunNo: 94838 Prep Date: 2/23/2023 Analysis Date: 2/23/2023 SegNo: 3428254 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 1.5 15.00 0 95.1

Sample ID: MB-73347 SampType: mblk TestCode: EPA Method 300.0: Anions Client ID: PBS Batch ID: 73347 RunNo: 94838 Prep Date: 2/23/2023 Analysis Date: 2/23/2023 SegNo: 3428303 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit ND 1.5

Sample ID: LCS-73347 SampType: lcs TestCode: EPA Method 300.0: Anions Client ID: LCSS Batch ID: 73347 RunNo: 94838 Prep Date: 2/23/2023 Analysis Date: 2/23/2023 SeqNo: 3428304 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit 1.5 15.00 0 99.0

- Value exceeds Maximum Contaminant Lev Sample Diluted Due to Matrix Holding times for preparation or analysis or Not Detected at the Reporting Limit
- Practical Quantitative Limit
  % Recovery outside of standard limits. If undiluted results may be est
- Above Quantitation Range/Estimated Value Analyte detected below quantitation limits
- Analyte detected below que Sample pH Not In Range

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02-Mar-23

## QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Project: Platt PA Battery

Sample ID: LCS-73319	SampT	ype: LC	S	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch	Batch ID: 73319 RunNo: 94848								
Prep Date: 2/22/2023	Analysis D	ate: 2/	23/2023	5	SeqNa: 34	127959	Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Diesel Range Organics (DRO)	44	44 10 50.00 0 88.3 61.9 130								
Surr: DNOP	4.1		5.000		82.4	69	147			

			0.000								
Sample ID: MB-73319	SampT	уре: МЕ	BLK	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PB\$	Batch	h ID: 73	319	F	RunNo: 94	4848					
Prep Date: 2/22/2023	Analysis D	)ate: 2/	23/2023		SeqNo: 34	427962	Units: mg/K	g			
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				

- Value exceeds Maximum Contaminar Sample Dibried Due to Matrix Holding times for preparation or analy Not Detected at the Reporting Limit Practical Quantitative Limit % Recovery outside of standard limits

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

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02-Mar-23

## QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Project: Platt PA Battery

Sample ID: Ics-73304 Client ID: LCSS		ype: LC		TestCode: EPA Method 8015D: Gasoline Range RunNo: 94853					1	
Prep Date: 2/22/2023	Analysis D	ate: 21	23/2023		SeqNo: 34	128438	Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	104	72.3	137			
Surr. BFB	2300		1000		228	37.7	212			S

Sample ID: mb-73304	SampT	ype: ME	BLK	Tes	tCode: ER					
Client ID: PB\$	Batch	1 ID: 73	304	F	RunNo: 94	4853				
Prep Date: 2/22/2023	Analysis D	)ate: 2/1	23/2023	5	SeqNo: 34	428440	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								
Come RER	1000		1000		104	37.7	212			

- Value exceeds Maximum Contamina Sample Dibried Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantative 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

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02-Mar-23

## QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Project: Platt PA Battery

Sample ID: Ics-73304	SampType: LCS Batch ID: 73304			TestCode: EPA Method 8021B; Volatiles						
Client ID: LCSS				RunNo: 94853						
Prep Date: 2/22/2023	Analysis Date: 2/23/2023			SeqNo: 3428437			Units: mg/Kg			
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-Bromofluorobenzene	0.86		1.000		86.4	70	130			

Sample ID: mb-73304 SampType: MBLK			Tes	tCode: EF						
Client ID: PB\$	Client ID: PBS Batch ID: 73304			RunNo: 94853						
Prep Date: 2/22/2023 Analysis Date: 2/23/2023			SeqNo: 3428441			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								
Surr. 4-Bromofluorobenzene	0.85		1.000		85.4	70	130			

- Value exceeds Maximum Contamina Sample Dibried Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantative 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

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Hall Environmental Analysis Laboratory 1901 Hawkins NE Alkayancipus, 1945 87 (16 TEX, 1915-145-1971 NAY: 193-345-41 (17

## Sample Log-In Check List

Climate Names	EOG		(J)	3. Ouder North	down agreemen		Denista- 4
Client Namo;	EUG		YYGI	k Oldel Nuri	ber 2302930		RoptMa: 1
Received By.	Juan Roja	98	2/22/2	023 7:30: <b>0</b> 0	AM	6- Housely 25	
Completed By:	Tracy Cas		2/22/2	023 8:04:27	AM		
Reviewed Dy:	ft 2-2	2.23					
Chain of Cus	stody					_	_
1. Is Chain of C	Suspectly comp	dete?			Үөь 🗀	No M	Not Presenti : 1
2. How was the	sample dein	ergg" <sup>2</sup>			Cousier		
<u>Log In</u> 3. Was an alter	nat mage je :	omaa edr loca	96?		Yes <b>▽</b>	ма∏	NA L
4. Were all sam	iples receiver	i at a tompora	ture of ×0° 5	to 6.0°C	Yes 🔀	₩оП	MA (
රි. Sample(3) in	proge: conta	inar(s)?			Yes 🗹	№П	
6, Sufficientsan	nple volume t	for indicated to	est(s)?		Yes 🗹	No :	
7. Arc samples				end?	Yos 💅	No 🗆	
8 Was preserva	ativo adced to	botiles?			Yes 🗍	No ⊻	NA LI
9. Received at 4	esat 1 vial wil	lli headspace	<1.4" for AO	VOAS	Yes L	мо 🗆	na ₩
D. Were any sa	mple contain	о Семерал гла	rukeri?		Yes 🗆	No ☑	# of amounted
11.Does paperw		itie labels? ain of custocy	·		Yes 🛂	No :::	# of preserved bables checked for pH: (<2 or > 2 ugless noted)
2. Are medicee		-		;	Yes 🔽	№П	Adjusted?
3] Is il dear wha	-		-		Yes 🔽	Nn ∐	1.1
4. Were all hold (If no, notify o		à lu be met? Juthoxization.)			Yes 💆	No 🗆	Michael by: Jn 3-13-217
pecial Hand	llng (If app	offcable)					
15. Was client no	office of all d	Iscrepanciee v	villa Uris order	17	Yes 📙	Nn ∐	NA 🗹
Person	Nothec:			Date			
By Wh	em.			Vie:	aMeil	Phoise 🔲 Fax	☐ In Person
Regard	ding.						
Client I	Instructions:			-			
16. Additional re	ansarka.						
17. <u>Cooter Info</u>	rmation						
	o   Temp™C		Seal fula::	The state of the s	Soal Date: 1	Signed By	
Gooder No	20	Cood	γes	Morty	1		

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 49U1 Hawk.ng NE - Albuquerque, Niki 87108 Tol. 505-345-3975 "ax 505-345-4107 Analysis Request	Substituting   Subs	2/21/23 / GES CC.º Chance Ditton & Reduinger Date True  A/22/23 7.30 (Since Cot - Bill to EOC  A/22/23 7.30 (Since Cot - Bill to EOC)  A/22/23 7.30 (Since Cot - Bill to Be yield a contact of the control of the contro
Chain-of-Custody Record Tum-Around Time:  Client: EOC & Connect   Project Name:  (Now-text)   Project Name:  (Now-text)   Project #:  Phone #:	Chount	Date: The Religization by:  Reference by:  Referenc



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, 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

RE: Platt PA Battery OrderNo.: 2303C36

#### Dear Chance Dixon:

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,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-21 4ft

Collection Date: 3/22/2023 9:00:00 AM Project: Platt PA Battery Lab ID: 2303C36-001 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
Chloride	2400	150	mg/Kg	50	3/28/2023 10:56:16 AM	73947
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst	: PRD
Diesel Range Organics (DRO)	93	9.7	mg/Kg	1	3/29/2023 2:32:41 PM	73997
Motor Oil Range Organics (MRO)	120	49	mg/Kg	1	3/29/2023 2:32:41 PM	73997
Surr: DNOP	92.9	69-147	%Rec	1	3/29/2023 2:32:41 PM	73997
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	3/28/2023 1:48:00 AM	73922
Surr. BFB	86.1	37.7-212	%Rec	1	3/28/2023 1:48:00 AM	73922
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.025	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	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	%Rec	1	3/28/2023 1:48:00 AM	73922

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

- vane exceeds Meximum Contaminan
  D Sample Diluted Due to Matrix
  Hidding times for preparation or analy
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  S % Recovery outside of standard limits

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

- Page 1 of 17

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-22 4ft Collection Date: 3/22/2023 9:05:00 AM Project: Platt PA Battery Lab ID: 2303C36-002 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					Analysi	CAS
Chloride	2400	150	mg/Kg	50	3/28/2023 11:08:37 AM	73947
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: PRD
Diesel Range Organics (DRO)	77	10	mg/Kg	1	3/29/2023 2:54:09 PM	73997
Motor Oll Range Organics (MRO)	110	52	mg/Kg	1	3/29/2023 2:54:09 PM	73997
Surr. DNOP	93.4	69-147	%Rec	1	3/29/2023 2:54:09 PM	73997
EPA METHOD 8015D: GASOLINE RANGE					Analys	CCM
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					Analys	: 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

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

- vane exceeds Meximum Contaminan
  D Sample Diluted Due to Matrix
  Hidding times for preparation or analy
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  S % Recovery outside of standard limits

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

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-23 4ft Collection Date: 3/22/2023 9:10:00 AM Project: Platt PA Battery Lab ID: 2303C36-003 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					Analysi	: CAS
Chloride	3300	150	mg/Kg	50	3/28/2023 11:20:58 AM	73947
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: PRD
Diesel Range Organics (DRO)	100	9.8	mg/Kg	1	3/28/2023 5:19:48 PM	73950
Motor Oil Range Organics (MRO)	120	49	mg/Kg	1	3/28/2023 5:19:48 PM	73950
Surr: DNOP	86.4	69-147	%Rec	1	3/28/2023 5:19:48 PM	73950
EPA METHOD 8015D: GASOLINE RANGE					Analys	CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	3/28/2023 2:31:00 AM	73922
Surr. BFB	88.1	37.7-212	%Rec	1	3/28/2023 2:31:00 AM	73922
EPA METHOD 8021B: VOLATILES					Analys	: 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

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

- vane exceeds Meximum Contaminan
  D Sample Diluted Due to Matrix
  Hidding times for preparation or analy
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  S % Recovery outside of standard limits

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

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-24 4ft Collection Date: 3/22/2023 9:15:00 AM

Project: Platt PA Battery 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
Chloride	5500	300		mg/Kg	100	3/28/2023 11:33:19 AM	73947
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					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
Surr: DNOP	83.6	69-147		%Rec	1	3/28/2023 4:01:02 PM	73950
EPA METHOD 8015D: GASOLINE RANGE						Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/28/2023 2:52:00 AM	73922
Surr. BFB	87.9	37.7-212		%Rec	1	3/28/2023 2:52:00 AM	73922
EPA METHOD 8021B: VOLATILES						Analyst	CCM
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

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

Qualifiers:

- vane exceeds Meximum Contaminan
  D Sample Diluted Due to Matrix
  Hidding times for preparation or analy
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  S % Recovery outside of standard limits

- 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

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-25 4ft Collection Date: 3/22/2023 9:20:00 AM Project: Platt PA Battery Lab ID: 2303C36-005 Matrix: SOIL Received Date: 3/24/2023 7:25:00 AM

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t CAS
Chloride	5600	300	mg/Kg	100	3/28/2023 11:45:40 AI	M 73947
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t PRD
Diesel Range Organics (DRO)	100	9.6	mg/Kg	1	3/29/2023 2:09:35 PM	73950
Motor Oil Range Organics (MRO)	120	48	mg/Kg	1	3/29/2023 2:09:35 PM	73950
Surr. DNOP	90.5	69-147	%Rec	1	3/29/2023 2:09:35 PM	73950
EPA METHOD 8015D: GASOLINE RANGE					Analys	t CCM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/28/2023 3:14:00 AM	73922
Surr. BFB	88.0	37.7-212	%Rec	1	3/28/2023 3:14:00 AM	73922
EPA METHOD 8021B: VOLATILES					Analys	t 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

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

- vane exceeds Meximum Contaminan
  D Sample Diluted Due to Matrix
  Hidding times for preparation or analy
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  S % Recovery outside of standard limits
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value
   Analyte detected below quantitation limits
   Sample pH Not In Range
   RL. Reporting Limit

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-26 4ft Collection Date: 3/22/2023 9:25:00 AM Project: Platt PA Battery

Lab ID: 2303C36-006 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
Chloride	5600	300	mg/Kg	100	0 3/28/2023 11:58:01 AM	73960
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst	: PRD
Diesel Range Organics (DRO)	190	10	mg/Kg	1	3/28/2023 4:54:11 PM	73950
Motor Oli Range Organics (MRO)	190	51	mg/Kg	1	3/28/2023 4:54:11 PM	73950
Surr. DNOP	95.8	69-147	%Rec	1	3/28/2023 4:54:11 PM	73950
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	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: VOLATILES					Analyst	CCM
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-Bromofluorobenzene	85.5	70-130	%Rec	1	3/28/2023 3:35:00 AM	73922

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

Qualifiers:

- vane exceeds Meximum Contaminan
  D Sample Diluted Due to Matrix
  Hidding times for preparation or analy
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  S % Recovery outside of standard limits

- 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

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-27 4ft

Collection Date: 3/22/2023 9:30:00 AM Project: Platt PA Battery Lab ID: 2303C36-007 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
Chloride	5500	300		mg/Kg	100	3/28/2023 12:10:22 PM	73960
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS					Analyst	: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/28/2023 1:09:06 PM	73950
Motor Oll Range Organics (MRO)	ND	49		mg/Kg	1	3/28/2023 1:09:06 PM	73950
Surr: DNOP	86.6	69-147		%Rec	1	3/28/2023 1:09:06 PM	73950
EPA METHOD 8015D: GASOLINE RANGE						Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/28/2023 3:57:00 AM	73922
Surr. 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

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

- vane exceeds Meximum Contaminan
  D Sample Diluted Due to Matrix
  Hidding times for preparation or analy
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  S % Recovery outside of standard limits

- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value
   Analyte detected below quantitation limits
   Sample pH Not In Range
   RL. Reporting Limit
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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-28 4ft Collection Date: 3/22/2023 9:35:00 AM Project: Platt PA Battery

Lab ID: 2303C36-008 Matrix: SOIL Received Date: 3/24/2023 7:25:00 AM

Analyses	Result	PI	Onal	Units	DE	Date Analyzed	Batch
Analyses	Kesun	KL	Anar	СШІЗ	Dr	Date Analyzeu	Datte
EPA METHOD 300.0: ANIONS						Analyst	: CAS
Chloride	6100	300		mg/Kg	100	3/28/2023 12:22:42 PM	73960
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: PRD
Diesel Range Organics (DRO)	220	9.5		mg/Kg	1	3/28/2023 5:15:33 PM	73950
Motor Oil Range Organics (MRO)	220	47		mg/Kg	1	3/28/2023 5:15:33 PM	73950
Surr: DNOP	84.4	69-147		%Rec	1	3/28/2023 5:15:33 PM	73950
EPA METHOD 8015D: GASOLINE RANGE						Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/28/2023 4:18:00 AM	73922
Surr. 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

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

- vane exceeds Meximum Contaminan
  D Sample Diluted Due to Matrix
  Hidding times for preparation or analy
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  S % Recovery outside of standard limits

- 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

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-29 4ft

Collection Date: 3/22/2023 9:40:00 AM Project: Platt PA Battery Lab ID: 2303C36-009 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
Chloride	1200	60		mg/Kg	20	3/27/2023 7:50:45 PM	73960
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	: PRD
Diesel Range Organics (DRO)	860	98		mg/Kg	10	3/28/2023 1:41:06 PM	73950
Motor Oli Range Organics (MRO)	620	490		mg/Kg	10	3/28/2023 1:41:06 PM	73950
Surr: DNOP	0	69-147	S	%Rec	10	3/28/2023 1:41:06 PM	73950
EPA METHOD 8015D: GASOLINE RANGE						Analyst	CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/28/2023 4:40:00 AM	73922
Surr. BFB	89.2	37.7-212		%Rec	1	3/28/2023 4:40:00 AM	73922
EPA METHOD 8021B: VOLATILES						Analyst	CCM
Benzene	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
Ethylbenzene	ND	0.050		mg/Kg	1	3/28/2023 4:40:00 AM	73922
Xylenes, Total	ND	0.099		mg/Kg	1	3/28/2023 4:40:00 AM	73922
Surr: 4-Bromofluorobenzene	87.4	70-130		%Rec	1	3/28/2023 4:40:00 AM	73922

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

- vane exceeds Meximum Contaminan
  D Sample Diluted Due to Matrix
  Hidding times for preparation or analy
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  S % Recovery outside of standard limits
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value
   Analyte detected below quantitation limits
   Sample pH Not In Range
   RL. Reporting Limit

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BS23-30 4ft Collection Date: 3/22/2023 9:45:00 AM Project: Platt PA Battery Lab ID: 2303C36-010 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
Chloride	5000	300	mg/Kg	10	0 3/28/2023 12:35:03 PM	73960
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: PRD
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	3/28/2023 1:51:52 PM	73950
Motor Oli Range Organics (MRO)	ND	48	mg/Kg	1	3/28/2023 1:51:52 PM	73950
Surr: DNOP	85.8	69-147	%Rec	1	3/28/2023 1:51:52 PM	73950
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/28/2023 5:01:00 AM	73922
Surr. BFB	88.6	37.7-212	%Rec	1	3/28/2023 5:01:00 AM	73922
EPA METHOD 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
Ethylbenzene	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
Surr: 4-Bromofluorobenzene	88.4	70-130	%Rec	1	3/28/2023 5:01:00 AM	73922

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

Qualifiers:

- vane exceeds Meximum Contaminan
  D Sample Diluted Due to Matrix
  Hidding times for preparation or analy
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  S % Recovery outside of standard limits
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value
   Analyte detected below quantitation limits
   Sample pH Not In Range
   RL. Reporting Limit

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: WS23-35 4ft Project: Platt PA Battery Collection Date: 3/22/2023 1:00:00 PM Lab ID: 2303C36-011 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
Chloride	64	60	mg/Kg	20	3/27/2023 8:40:24 PM	73960
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: PRD
Diesel Range Organics (DRO)	ND	8.6	mg/Kg	1	3/28/2023 7:15:03 AM	73945
Motor Oll Range Organics (MRO)	ND	43	mg/Kg	1	3/28/2023 7:15:03 AM	73945
Surr: DNOP	82.0	69-147	%Rec	1	3/28/2023 7:15:03 AM	73945
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: JJP
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/28/2023 10:17:02 AM	73946
Surr. 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

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

Qualifiers:

- vane exceeds Meximum Contaminan
  D Sample Diluted Due to Matrix
  Hidding times for preparation or analy
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  S % Recovery outside of standard limits
- 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

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: WS23-36 4ft Project: Platt PA Battery Collection Date: 3/22/2023 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
Chloride	64	60	mg/Kg	20	3/27/2023 8:52:48 PM	73960
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst	: PRD
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	3/28/2023 7:25:17 AM	73945
Motor Oll Range Organics (MRO)	ND	48	mg/Kg	1	3/28/2023 7:25:17 AM	73945
Surr: DNOP	89.3	69-147	%Rec	1	3/28/2023 7:25:17 AM	73945
EPA METHOD 8015D: GASOLINE RANGE					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

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

Qualifiers:

- vane exceeds Meximum Contaminan
  D Sample Diluted Due to Matrix
  Hidding times for preparation or analy
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  S % Recovery outside of standard limits

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

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31-Mar-23

## QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

Client: EOG Platt PA Battery Project:

TestCode: EPA Method 300.0: Anions Sample ID: MB-73947 SampType: MBLK

Client ID: PBS Batch ID: 73947 RunNo: 95598

Prep Date: 3/27/2023 Analysis Date: 3/27/2023 SeqNo: 3459310 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Analyte

TestCode: EPA Method 300.0: Anions SampType: LCS Sample ID: LCS-73947 Client ID: LCSS Batch ID: 73947 RunNo: 95598 Prep Date: 3/27/2023

15.00

Analysis Date: 3/27/2023 SeqNo: 3459311 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Analyte 1.5 15.00 0 91.8

Sample ID: MB-73960 SampType: MBLK TestCode: EPA Method 300.0: Anions Client ID: PBS Batch ID: 73960 RunNo: 95598 Prep Date: 3/27/2023 Analysis Date: 3/27/2023 SegNo: 3459342 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Analyte ND 1.5

Sample ID: LCS-73960 SampType: LCS TestCode: EPA Method 300.0: Anions Client ID: LCSS Batch ID: 73960 RunNo: 95598 Prep Date: 3/27/2023 Analysis Date: 3/27/2023 SeqNo: 3459343 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

92.7

#### Qualifiers:

- Sample Dileted Due to Matrix Holding times for preparation or analys Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit

- Above Quantitation Range/Estimated Value
- Analyte detected below qui Sample pH Not In Range

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31-Mar-23

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

Client: EOG			
Project: Platt P	A Battery		
Sample ID: MB-73945	SampType: MBLK	TestCode: EDA Methor	18015M/D: Diesel Range Organics
Client ID: PBs	Batch ID: 73945	RunNo: 95601	1 00 15M/D. Diesei Range Organics
Prep Date: 3/27/2023	Analysis Date: 3/28/2023	SeqNo: 3459545	Linits: malife
Prep Date. 3/2/12023		-	Units: mg/Kg
Analyte		ue SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10		
Motor Oil Range Organics (MRO) Surr: DNOP	ND 50 9.3 10.	00 93.2 69	147
SUP: UNOP	9.3 10.	JU 93.2 69	147
Sample ID: MB-73950	SampType: MBLK	TestCode: EPA Method	18015M/D: Diesel Range Organics
Client ID: PB\$	Batch ID: 73950	RunNo: 95601	
Prep Date: 3/27/2023	Analysis Date: 3/28/2023	SeqNo: 3459546	Units: mg/Kg
Analyte	Result PQL SPK val	ue 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: LCS	TestCode: EPA Method	18015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 73945	RunNo: 95601	
Prep Date: 3/27/2023	Analysis Date: 3/28/2023	SegNo: 3459550	Units: mg/Kg
Analyte	•	ue SPK Ref Val %REC LowLimit	
Diesel Range Organics (DRO)	42 10 50.		
Surr: DNOP	4.4 5.0		
	71.7		1-34
Sample ID: LC8-73950	SampType: LCS	TestCode: EPA Method	18015M/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 val	ue SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLImit Qual
Diesel Range Organics (DRO)	42 10 50.	00 0 84.8 61.9	130
Surr: DNOP	4.3 5.0	00 85.5 69	147
Sample ID: MB-73997	SampType: MBLK	TestCode: EPA Method	18015M/D: Diesel Range Organics
Client ID: PB\$	Batch ID: 73997	RunNo: 95646	
Prep Date: 3/29/2023	Analysis Date: 3/29/2023	SeqNo: 3461213	Units: mg/Kg
Analyte	,	ue SPK Ref Val %REC LowLimit	
Diesel Range Organics (DRO)	ND 10	A OF THE PAIR MILES LOWLING	rigitalis Altro Hrobinic Qua
Motor Oil Range Organics (MRO)	ND 50		
Motor Oil Nange Organics (MRCO)			

- D Sample Dikind Due to Matrix

  H Holding times for preparation or anal
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit

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

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31-Mar-23

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

EOG Client: Project: Platt PA Battery

Sample ID: LCS-73997	SampT	ype: LC	S	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 73997			F	tunNo: 9	5646					
Prep Date: 3/29/2023	Analysis D	ate: 3/	29/2023	SeqNo: 3461214			Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual	
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 80						sel Rang	Organics	
Client ID: PBS	Batch ID: 7:	3987	F	RunNo: 9	5646				
Prep Date: 3/28/2023	Analysis Date: 3	/29/2023	SeqNo: 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: L	.cs	8015M/D: DIe	sel Rang	e Organics				
Client ID: LCSS	Batch ID: 7	3987	F	5646					
Prep Date: 3/28/2023	Analysis Date:	3/29/2023	SeqNo: 3461649			Units: %Red	:		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Sum DNOD	4.4	5 000		87.3	60	1/17			

- Sample Dikited Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantitative Limit

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

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31-Mar-23

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

EOG Client: Project: Platt PA Battery

Sample ID: Ics-73946	SampT	ype: LC	S	Tes	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch	1ID: 73	346	F	RunNo: 95599						
Prep Date: 3/27/2023	Analysis D	ate: 3/	28/2023	5	SeqNo: 3459412 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	91.5	70	130				
Surr: BFB	1900		1000		186	37.7	212				
Sample ID: mb-73946	SampT	SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range						е			
Client ID: DDe	Batch	ID: 79	940	-	hunkin: o	FF00					

Sample ID: mb-73946	SampT	ype: ME	BLK	Test	Code: El	EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch	ID: 73	346	R	tunNo: 9	5599					
Prep Date: 3/27/2023	Analysis D	ate: 3/	28/2023	SeqNo: 3459413			Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual	
Gasoline Range Organics (GRO)	ND	5.0									
Sum: BFB	980		1000		98.1	37.7	212				

Sample ID: Ics-73922	SampT	ype: LC	\$	Tes	TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 73922			F	RunNo: 9	5595						
Prep Date: 3/24/2023	Analysis D	ate: 3/	27/2023	5	eqNo: 34	459448	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual		
Gasoline Range Organics (GRO)	22	5.0	25.00	0	89.5	70	130					
Surr: BFB	2000		1000		196	37.7	212					

Sample ID: mb-73922	SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range									
		•					ou lab. Gasc	mine realing	•	
Client ID: PBS	Batcl	1 ID: 73	922	F	lunNo: 9	5595				
Prep Date: 3/24/2023	Analysis D	ate: 3/	27/2023	5	eqNo: 3	459449	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range Omanics (GRO)	ND	5.0								

910 1000 91.1 37.7 212 Surr: BFB

- D Sample Dikind Due to Matrix

  H Holding times for preparation or anal
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit

- Above Quantitation Range Estimated Value Analyte detected below quantitation limits Sample pli Not in Range Reporting Limit

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31-Mar-23

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client:	EOG
Project:	Platt PA Battery

Sample ID: LCS-73946	Sampi	Type: LC	S	Tes	TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Bato	h ID: 73	946	F							
Prep Date: 3/27/2023	Analysis [	Date: 3/	28/2023	5	SeqNo: 3459418 Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual	
Benzene	0.89	0.025	1.000	0	89.3	80	120				
Toluene	0.89	0.050	1.000	0	89.1	80	120				
Ethylbenzene	0.88	0.050	1.000	0	88.2	80	120				
Xylenes, Total	2.6	0.10	3.000	0	88.2	80	120				
Surr: 4-Bromofluorobenzene	0.89		1.000		89.4	70	130				

Sample ID: mb-73946	SampType: MBLK			Tes	TestCode: EPA Method 8021B: Volatiles						
Client ID: PB\$	Batch ID: 73946			R	RunNo: 9						
Prep Date: 3/27/2023	Analysis D	ate: 3/	28/2023	S	SeqNo: 3459419 Units: mg/Kg						
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	0.89		1.000		89.1	70	130				

Sample ID: Ics-73922	Samp1	ype: LC	\$	Tes	TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batc	h ID: 73	922	F	RunNo: 9						
Prep Date: 3/24/2023	Analysis D	)ate: 3/	27/2023	5	eqNo: 34						
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-Bromofluorobenzene	0.90		1.000		89.8	70	130				

Sample ID: mb-73922	Samp1	ype: ME	BLK	Tes	TestCode: EPA Method 8021B: Volatiles					
Client ID: PB\$	Batcl	Batch ID: 73922			RunNo: 95595					
Prep Date: 3/24/2023	Analysis D	ate: 3/	27/2023	SeqNo: 3459505 Units: mg/Kg						
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	0.89		1.000		89.0	70	130			

- D Sample Dikind Due to Matrix

  H Holding times for preparation or anal
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit

- Above Quantitation Range/Estimated Value Analyse detected below quantitation limits Sample pH Not In Range Reporting Limit

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Hall Environmental Enalysis Enhancing 4001 Remains NE Albaquerque, 244-87 (08 Test: 2do-440-1925 F.CV, 565-643-4702 Website: www.hallenvivonmental.com

## Sample Log-In Check List

Client Name:	FOD		Work	: Order Numbo	er. <b>23</b> 03	<b>3€3</b> 6		ReptNo: 1	
Received By.	Tracy Cas	emublee	3/24/20	123 7:25:00 A	м				
Completed By.	Tracy Cas	errublee	3/24/20	129 8: <b>00:</b> 43 A	м				
Reviewer By.	A 3-1	4-73							
Chain of Cust	ody								
), la Chain of Cu	stody comai	lete?			Yes	$\Box$	No M.	Not Present 🗆	
2. Huw was the s	ample delm	cicit <sub>)</sub>			Com	ńer			
<u>Log in</u> 3. Was an attemp	n made to o	oo' the esmp	ilee?		Yes	<i>ত</i> া	Nn II	NA i l	
4. Were all sampl	es receivad	at a tempera	mura of >3°C	5) 6,0°C	Үөв	Z:	№ Г	№ □	
5. Sample(sjin p	roper contai	rer(s)?			Yee	Ø	к₀ [∷		
8, Sufficient samp	ile volume fo	or inercated N	est(s)?		Y <b>6</b> 6	V	No □		
Ara samples je	NOV Igeor	and ONS; pr	aperiy preserv	ed?	Yes	u	No 🗀		
), YVAN prosorvaci	ve added to	boldes?			Yes	П	No 🗹	NA L	
d. Received at lea	al 1 vial will	li headspace	<1/4" for AQN	/QA?	Yes		Mo □	NA ☑	
() Were any sam	pie conta na	rs received b	ırake-17		Yns	П	No b⊻i	# of presarved bottles checked	
1. Boes papervor (Note discreps:			)		Yes	М	No 🔟	(<2 or >12 onless n	ioled)
2. Ate malrices co					Yes		Na 🗆	Adjusteut?	
3, % it clear what :			17		Yes	-	Me l⊥:	/a	
4. Were all holdes (If no, notity cu:	_		l		Yeş	⊻	No □	Checked by:	
pecial Handli	no (il ann	dicablet						-14 3.24	· Z_
5, Was client not			with this order	7	Yes	П	No I I	na ivi	
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Regardin	ıa.							Marie Control of the	
Clentin	structions:								
6. Addtiona von	iarks:			_					
/. <u>Cooler Inform</u>	nation								
D 1 11	Temp *C	Condition	Seal Inlaci		Scal Co	ale	Signed By		
Cade: No 1	4.0	Good	Yee	Morty					

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE · Abuquerque, NM 87108 Tel. 505-845-3975 Fax 505-845-4107 Analysis Request	19H;80Y5D(GRO \ DRO \ MRO) 8084 Pesticides/8082 PCB's EOB (Meihod 504.1) PAHs by 8310 or 8270SIMS RCRA 8 Melals © F., Br., NO₂, NO₂, PO₄, SO₂, B270 (\$cmi-VOA) Total Coliform (Present/Absent)		2 2			Remains: CC. Chance Dryan & Pernandu Badvigue 2 CNNECT Bill to EOC Minect Bill to EOC
Clent: Ecolo (250xCOS (10x40) a Standard #Rush はおせい Matthy Mailing Address: Over 10x40 Project Name: Project Name: Project Name: Over 10x40 Project #.	rokago.  O Level 4 (Full Validation)  of O Other  Type)  Type)  Type  Ty	24:00 501 REGG-11 464 407, box 1CL 001	8573-23 464 407 Jan 8573-24 464 407 Jan 8573-25 404 402 lan	8573-76 VETURDAY R573-72 UCTURDAY R573-78 HETURDAY	\$ -605-36 \$ -605-36	Retineuts and by:  Retineuts and by:  Retineuts and by:  Retineuts at the state of the secretarial about server as not set the



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 EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX:

RE: Platt PA Battery OrderNo.: 2303C82

Dear Chance Dixon:

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 Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: WS23-40 4ft Project: Platt PA Battery Collection Date: 3/23/2023 1:00:00 PM Lab ID: 2303C82-001 Matrix: SOIL Received Date: 3/25/2023 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	73982
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	t: PRD
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	3/29/2023 12:18:15 AM	73977
Motor Oil 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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>	<b>.</b>				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

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

- Value exceeds Maximum Contaminant Level.

  D Sample Diluted Due to Matrix

  H Holding times for preparation or analysis exceeded

  NO Not Detected at the Reporting Limit

  PQL Practical Quantitative Limit

  S % Recovery conside of standard limits. If undiluted results may be experienced.
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

- - Page 1 of 5

03-Apr-23

## QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

Client: Platt PA Battery Project:

Sample ID: MB-73982 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 73982 RunNo: 95636

Prep Date: 3/28/2023 Analysis Date: 3/28/2023 SeqNo: 3460935 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit

1.5

Sample ID: LCS-73982 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 73982 RunNo: 95636

Prep Date: 3/28/2023 Analysis Date: 3/28/2023 SeqNo: 3460936 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

1.5 15.00 0 93.0

- Value exceeds Maximum Contaminant Level. Sample Ditried Due to Matrix Holding times for preparation or analysis excee Not Detected at the Reporting Limit

- Practical Quantitative Limit
  % Recovery outside of standard limits. If undiluted re
- Analyte detected in the associated Method II Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pH Not In Range

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03-Apr-23

## QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

Client: Project:	EOG Platt PA Battery	
Sample ID: MB-7	3977 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 PQL SPK value SPK Ref Val %REC LowLimit HighLimit Diesel Range Organics (DRO) ND 10

Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 10.00 83.2 147 8.3

Sample ID: LCS-73977	SampT	ype: LC	S	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch	ID: 739	777	RunNo: 95601						
Prep Date: 3/28/2023	Analysis D	ate: 3/2	28/2023	SeqNo: 3460488 Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
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	SampT	ype: MB	LK	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PB\$	Batch	ID: 739	997	F	RunNo: 9	5646					
Prep Date: 3/29/2023	Analysis D	ate: 3/2	29/2023	SeqNo: 3461213			Units: %Rec	:			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual	
Surr. DNOP	8.8		10.00		87.7	69	147				

Sample ID: LCS-73997	SampType: LC\$	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: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Same DMOD	4.5 5.000	00.5 50 147

- Value exceeds Maximum Contaminar Sample Dibried Due to Matrix Holding times for preparation or analy Not Detected at the Reporting Limit Practical Quantitative Limit % Recovery outside of standard limits

- Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pH Not In Range

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03-Apr-23

## QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

Client: Project: Platt PA Battery

Sample ID: LCS-73962 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 73962 RunNo: 95638 Prep Date: 3/27/2023 Analysis Date: 3/28/2023 SeqNo: 3461004 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit Gasoline Range Organics (GRO) 25.00 85.4 Surr. BFB 2000 37.7 212

Sample ID: MB-73962	SampT	уре: МВ	LK	Tes	TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PB\$	Batch ID: 73962			F						
Prep Date: 3/27/2023	Analysis D	ate: 3/2	28/2023	SeqNo: 3461005 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	900		1000		90.3	37.7	212			

- Value exceeds Maximum Contaminant Level.
  Sample Diluted Due to Matrix
  Holding times for preparation or analysis enceeded
  Not Detected at the Reporting Limit
  Practical Quantitative Limit
  % Recovery outside of standard limits. If undiluted t

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

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03-Apr-23

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Project: Platt PA Battery

Sample ID: LCS-73962		Type: LC			TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS Prep Date: 3/27/2023	Analysis (	h ID: 738 Date: 37		RunNo: 95638 SeqNo: 3461097 Units: mg/Kg						
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			
Toluere	0.89	0.050	1.000	0	89.2	80	120			
Ethylbenzene	0.88	0.050	1.000	0	87.8	80	120			
Xylenes, Total	2.6	2.6 0.10 3.000			87.1	80	120			
Surr. 4-Bromofluorobenzene	0.90	0.90 1.000			90.4	70	130			

Sample ID: MB-73962	Samp1	Гуре: МВ	BLK	Tes	tCode: EF					
Client ID: PB\$	Batch	Batch ID: 73962			RunNo: 95					
Prep Date: 3/27/2023	Analysis [	)ate: 3/2	28/2023	5	SeqNa: 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-Bromofluorobenzene	0.90		1.000		90.2	70	130			

- Value exceeds Maximum Contamina Sample Dibried Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantative 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

Page 5 of 5



Hall Emilenmanial Analysis Laboratory 480 Heriston NK Albiguergys, VM 47109 784, 595-445-4975 KAZ NGS-445-4407

# Sample Log-In Check List

Client Name.	EOG		Wark	Order Num	ber: 23030	92		RepINo:	1
Настичей Ву.	Tracy Case	amubéas	3/25/20	28 11:00:0	3 AM				
Completed By:	Tracy Case	arcubias	3/25/20	23 11:30:0:	3 AM				
камемаф Ву: Ј	n.3/2.	7/23							
Chain of Cust	ody								
1. Is Chair of Co	stody cempl	ete7			Yes [		No ₩	Notinesent 🗀	
<ol><li>How was the s</li></ol>	ample defive	red7			Courie	1			
Log In									
3. Was an el(emp	st made to co	ool the samp	les7		Yes h	1	No II	и∧ П	
4. Were all samp:	Dennisoen zei	al a tempera	lure of >0°C	lo 8.0°C	Yes F	7	No □	AM	
5. Semple(a) in p	roper contain	пецві?			Yes F	7	No l"l		
S. Sufficient eamp	de voume fo	or Indicated to	est(s)?		Yes S	7	No 🗀		
7, Amisamolos (d	xcept VOA a	and OKO) pro	реку риевалл	ed?	Yee 5	3	No 🗆		
8. Was preservati	yn Addad in	hattles?			Yes C	-	Mo ☑	ll am	
9 Rocewood at lea	st I val with	i headapace	<1/4" for AQ: \	CA?	Yes D	]	ио П	ка 🗹	
(). Were any sam	ple containe	rs raceived to	mken?		Yes =	J	No 🗹	# of preserved bolifies checked	
1. (Joes pane-wor (Note discrepa:			)		Y68 3	2	No 🗆	tor pH:	>12 unleas noted
2, Are metroes co	rrectly Ident	illeđan Cirai	n of Custody?		Yes N	7	Na l l	Adjusted?	-
3, hs ii clear what	analyses we	re requested	7		Yes b	_	No 🖃	/ .	we shel
4 Were all helding (If no, notify cu:					Yes 5	3	₩o □	Checked by:	MC 2/12/1
pecial Handli		C. C.							
15, Was client nob	ttea of a⊪dis	screpancies i	eth Mis order	0 00.0	Yeş l	or a mage	No ∟	NV M	1
Person N	,			Dale					
Hy Whor				Via.	eMail	Phan	e Fax	∐ In Person	
Regardin		-							
	structions:								
16 Additional rem	rarks:								
17. <u>Coaler Inform</u>		L A C .	I	1 =					
Cooler No	Temp \G 4.0	Condition	See Intacl	Seal No Yogi	Seef Dat	s   Sig	ret By_		
n	T****	- 1000	100	i egi				J	

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4801 Hawkins NE - A buquarque, NM 87108 Tel. 505-345-3976 Fax 505-345-4107 Analysis Request	### (\$087) ### (\$087) ### (\$087) ### (\$081) ### (\$081) ### (\$081) ### (\$081) ### (\$081) ### (\$081) ### (\$081) ### (\$081) ### (\$081) ### (\$081) ### (\$081) ### (\$081) ### (\$081) ### (\$081) ### (\$081) ### (\$081) ### (\$081)		2) Styling fifty CC° Chance Dixon for Salar Sala
Stody Record Turn-Around Time:    Standard Reserved State   Standard Reserved State   Standard Reserved State   Project Name:   Project Name:	4 (Full Valication) Se On Se Aname Co	523-40 UET 4000 DV 100, 001	Received by Visit
Chain-of-Custody Record	cod: sekage: erd cion: D Az Con C D Other Type) ime Matrix	1:058:53	Date: Time: Relinquished by:  APD 18:00  Date: Time: Relinquished by:  Time: Relinquished by:  APP 18:00  Transcropy sorphis submissed by:



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 EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX:

RE: Platt PA Battery OrderNo.: 2303C82

Dear Chance Dixon:

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 Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: WS23-40 4ft Project: Platt PA Battery Collection Date: 3/23/2023 1:00:00 PM

Lab ID: 2303C82-001 Matrix: SOIL Received Date: 3/25/2023 11:00:00 AM

		312312023 21100100 1211							
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	73982			
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	t: PRD			
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	3/29/2023 12:18:15 AM	73977			
Motor Oli 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					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			

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

- Value exceeds Maximum Contaminant Level.
  D Sample Dibried Due 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 standard limits. If undibried results may be e
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

- - Page 1 of 5

03-Apr-23

Qual

## QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

Client: Platt PA Battery Project:

Sample ID: MB-73982 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 73982 RunNo: 95636

Prep Date: 3/28/2023 Analysis Date: 3/28/2023 SeqNo: 3460935 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit

1.5

Sample ID: LCS-73982 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 73982 RunNo: 95636

Prep Date: 3/28/2023 Analysis Date: 3/28/2023 SeqNo: 3460936 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit 1.5 15.00 0 93.0

- Value exceeds Maximum Contaminant Level. Sample Ditried Due to Matrix Holding times for preparation or analysis excee Not Detected at the Reporting Limit
- Practical Quantitative Limit
  % Recovery outside of standard limits. If undiluted re
- Analyte detected in the associated Method II Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pH Not In Range

Page 2 of 5

03-Apr-23

## QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

ĺ	Sample ID: MB-	73977	SampType: MBLK
	Project:	Platt F	A Battery
	Chent:	EOG	

TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PB\$ Batch ID: 73977 RunNo: 95601 Prep Date: 3/28/2023 Analysis Date: 3/28/2023 SeqNo: 3460487 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 10.00 83.2 147 8.3

Sample ID: LCS-73977	.CS-73977 SampType: LCS					TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch	ID: 73	977	RunNo: 95601							
Prep Date: 3/28/2023	Analysis D	ate: 3/	28/2023	5	SeqNa: 34	460488	Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual	
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	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PB\$	Batch ID:	73997	F	RunNo: 98	5646				
Prep Date: 3/29/2023	Analysis Date:	3/29/2023	5	SeqNa: 34	461213	Units: %Rec			
Analyte	Result P	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Surr: DNOP	8.8	10.00		87.7	69	147			

Sample ID: LCS-73997	SampT	ype: LC	s	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organica	
Client ID: LCSS	Batch	ID: 73	997	F	RunNo: 98	5646				
Prep Date: 3/29/2023	Analysis D	ate: 3/	29/2023		SeqNa: 34	461214	Units: %Rec	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Sum DNOD	45		5,000		90.5	60	1/17			

- Value exceeds Maximum Contaminant Level.
  Sample Diluted Due to Matrix
  Holding times for preparation or analysis entree
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of standard limits. If undilu

- Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pH Not In Range

Page 3 of 5

03-Apr-23

## QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

Client: Project: Platt PA Battery

Sample ID: LCS-73962 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 73962 RunNo: 95638 Prep Date: 3/27/2023 Analysis Date: 3/28/2023 SeqNo: 3461004 Units: mg/Kg SPK value SPK Ref Val %REC LowLimit HighLimit Gasoline Range Organics (GRO) 21 25.00 85.4 130 Surr. BFB 2000 1000 198 37.7 212

Sample ID: MB-73962	SampT	уре: МВ	LK	Tes	TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PB\$	Batch	ID: 739	62	F	tunNo: 95	638				
Prep Date: 3/27/2023	Analysis D	ate: 3/2	28/2023	5	eqNo: 34	61005	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	900		1000		90.3	37.7	212			

- Value exceeds Maximum Contaminant Level.
  Sample Diluted Due to Matrix
  Holding times for preparation or analysis enceeded
  Not Detected at the Reporting Limit
  Practical Quantitative Limit
  % Recovery outside of standard limits. If undiluted t
- Analyte detected in the associated Method II Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pH Not In Range

Page 4 of 5

03-Apr-23

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Project: Platt PA Battery

Sample ID: LCS-73962	Samp1	Type: LC	S	Tes	tCode: EF					
Client ID: LCSS	Batch ID: 73962			F	RunNo: 95638					
Prep Date: 3/27/2023	Analysis [	Date: 3/	28/2023		SeqNo: 34	461097	Units: mg/K	g		
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			
Xylenes, 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	Samp1	уре: МЕ	BLK	Tes	tCode: EF	198				
Client ID: PB\$	Batch ID: 73962			RunNo: 95638						
Prep Date: 3/27/2023	Analysis D	)ate: 3/	28/2023		SeqNa: 34	461098	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-Bromofluorobenzene	0.90		1.000		90.2	70	130			

- Value exceeds Maximum Contamina Sample Dibried Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantative 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

Page 5 of 5



Hall Emilenanymal Apolysis Laboratory 480 Hensena NK Albuquergus, VM 47109 784, 545-445-447, 565-445-4687

# Sample Log-In Check List

Chain of Custody   No F   Not Present	Crent Nazi	ำเษ.	EOG		Wark	Crder Num	ber: 2303C92		RopiNo: 1	
Completed by: Tracy Casamubias	occaved (	By.	Tracy Cas	amubéas.	3/25/20	23 11:00:00	I AM			
Chain of Custody  1. Is Chain of Custody  2. How was the sample delivered?  2. How was the sample delivered?  2. How was the sample delivered?  4. Were all samples received of a temperature of >0°C to 8.0°C  5. Semple(a) in proper containents?  8. Sufficient sample volume for indicated leat(a)?  7. Am samples (corcet VOA and ONC) property p.searred?  9. Roceword of lisas: 1 vial with headspaces <1/4" for AQ VOA?  9. Roceword of lisas: 1 vial with headspaces <1/4" for AQ VOA?  10. Vere any sample containers received troken?  11. Dinces parentings matrix bottly listing:  (Note discrepancies on shall of custody)  12. Are metrices correctly Identified an Cirain of Custody?  4. Were all hoteing times ship to be met?  13. Is it clear what analyses were requested?  14. Were all hoteing fines ship to be met?  15. Was client ubbles of all discrepancies with this order?  16. Was client ubbles of all discrepancies with this order?  17. Note the fines of the policiable.  15. Was client ubbles of all discrepancies with this order?  16. Additional remarks:	ompleted	1 BV:								
1. Is Chair of Costody exhibited?  2. How was the sample delivered?  2. How was the sample delivered?  3. Was an attempt made to coal the samples?  4. Were all samples received at a temperature of >0° C to 8.0° C. Yes M. No II. NA  5. Semple(a) in proper container(b)?  6. Sufficient sample volume for indicated test(a)?  7. And samples (except VOA and ONG) property preserved?  8. Was preserved we added to battles?  9. Received at least it vall with headspace <1/4" for AQ VOA?  9. Received at least it vall with headspace <1/4" for AQ VOA?  10. Were any sample containers received stockin?  11. (Incest particular or stress added stockin?  12. And satisfies connectly (chatified an Classin of Custody?  2. And without consonred to testified an Classin of Custody?  3. Is if it clear what analyses were requested?  4. Were all hotting cross able to be met?  (If no, notify customer for authorization.)  15. Special Handling (if applicable)  16. Additional remarks:  16. Additional remarks:	BVIEWBINE	By: J								
2. How was the sample delivered?  Courier  A. Wars an alternity made to coal the samples?  Ves. M. No. I.I. NA.	tain of	Cust	ody					_		
Log In 3. Was an alterupt made to coal the samples? 4. Were all samples received all a temperature of >0° C to 8.0° C	<b>I</b> s Chair	r of Ces	stody cempl	lete?			Yes 🗆	No 🖊	NotiPresent 🖂	
Were all earnipies received at a temperature of >0° C to 8.0° C   Yes   Mo   No   NA	Howwa	is the s	ample deivi	ered7			Courier			
4. Were all earnipies received all a temperature of >0°C to 8.0°C  Yes  No  No  NA  NA  NA  NA  NA  NA  NA  NA	og In								_	
5. Sample(s) in proper container(e)?  7. Are samples (corcect VOA and OKO) property preserved?  8. Was preserved at least 1 vial with headapace <1/4" for AC VOA?  9. Received at least 1 vial with headapace <1/4" for AC VOA?  10. Were any sample container are raceived broken?  11. (Inces panerwars match bottle labels?  (Note discrepancies on shain of custody)  2. Are institices correctly identified an Cliain of Custody?  3. Is it clear what analyses were requested?  4. Were all hotding tynes able to be met?  (If no, notify customer for authorization.)  Special Handling (if applicable)  15. Was client notified:  Person Notified:  Client Instructions:  16. Additional remarks:	Was an	al(emp	t made to c	ool the samp	los7		Yes M	No I I	н∧ П	
5. Sufficient aampte volume for indicated test(s)? 7. Am sampte volume for indicated test(s)? 7. Am samptes (carcest VOA and OMG) property plasarised? 8. Was preservative added in brittles? 9. Received at least 1 vial with headspace <1/4" for AO VOA? 10. Were any sample containers received broken? 9. Yes	Were all	l eamp?	es received	al a tempera	dure of >0°C	lo 8.0°C	Yes 🔽	No 🏻	NA 🗆	
7. Am samples (carcet VCA and OMC) property preserved? 8. Was preservative added in battles? 9. Received at least 1 vial with headapace <1/td> Yes  No  No  No  No  No  No  No  No  No  N	Sample	(a) in pr	roper contai	пеңві?			Yes 🗹	No l"l		
7. Am samples (except VOA and ONC) property passarved? 8. Was preservative added in battles? 9. Received at least it vial with headapace < 1/4" for AO VOA? 19. Were any sample containers received broken? 11. Unes panetwers match bottle labels? (Note discrepancies on chain of custody) 12. Are services correctly identified an Clinin of Custody? 13. Is if clear what analyses were requested? 14. Were all holding times able to be met? (If no, nothy customer for authorization.)  Special Handling (if applicable) 15. Was client notified of all discrepancies with this order?  Person Notified:  Date.  Hy Whom:  ViaeMailPhaneFaxin Person  Regarding. Citent lustructions:  16. Add&lonal remarks:	Sufficien	nt asump	ie voume fo	or Indicated b	esl(s)?		Yes 🔽	Na 🗆		
9 Received at least 1 vial with headapace <1/1/2 for AO VOA? Yes  No  No  10. NA  10.						e <b>d?</b>	Yes 🔽	No 🗆		
10. Were any sample containers received broken?  11. (Joes panchegrs match bottle labels? (Note discrepancies on chain of custody)  12. Are metinose correctly identified an Cirain of Custody? 13. Is if clear what analyses were requested? 14. Were all holding ownes able to be met? (If no, notify customer for suthorization.)  Special Handling (if applicable)  15. Was client notified of all discrepancies with this order?  Person Notified:  Bale.  Person Notified:  Regarding.  Cirent instructions:  16. Additional remarks:	Was pre	scrvati	vo addad in	hattles?			Yee 🗀	Mo ☑	II AM	
1. (Joses panchwork matrix bottly) (absile?   Yes    No    Wolf preserved bolifies checked bolifies checked bolifies checked bolifies checked by pH:    (Note discrepancies on shain of custody)    12. Are metrices correctly (centified an Cirain of Custody?   Yes    No      Adjusted?    13. Is if clear what analyses were requested?   Yes    No	Raceiva	d af loa	at 1 val witi	h headapace	<1/4" for AQ \	ICA?	Yee 🗆	ио Пі	ка 🗹	
1.1. (Loses panchwork match bottly labals?   Yes    No	.Were an	ny samj	ple coma re	rs received ?	imken?		Yes 그	No 🗹		
12. Are metrices correctly Identified an Cirain of Custody?  13. Is if clear what analyses were requested?  14. Where all holding twices able to be met?  (If no, notify customer for authorization.)  Special Handling (if applicable)  15. Was client notified of all discrepancies with this order?  Person Notified:  Bale.  Hy Whom:  Regarding.  Client Instructions:  16. Additional remarks:							Yes 🗹	No □	for pH:	olana notanii
3, is in clear what analyses were requested? Yes Mo	-	_		·			v=∞ 147	No II	and the same of th	IDE UN GEGIE
(If no, notify customer for author zation.)  Special Handling (if applicable)  15, Was client notified of all discrepancies with this order?  Person Notified:  By Whom:  Regarding:  Client Instructions:  16 Additional remarks:			-					No L/		
15. Was client notified of all discrepancies with this order?  Person Notified:  By Whom:  ViaaMailPhaneFaxIn Person  Regarding.  Client histructions:  16. Additional remarks:							Yes 🗹	No 🗀	Checked by: TMC	3/15/
Person Notified:  By Whom:  ViaeMailPhaneFaxIn Person  Regarding.  Client Instructions:  16 Additional remarks:	ecial H	landlii	ng (if app	ticable)						
Hy Whom: ViaeMail Phone Fax In Person Regarding. Client histructions:   16 Additional remarks:				100	with this order	,	Yes 🗀	No ∟	NA M	
Regarding. Client lustructions:  16 Additional remarks:	Pr	erson N	Istilied:			Dale				
Client Instructions:   16 Additional remarks:	Hy	y Whon	n j			Via.	☐ eMail ☐ l	Phane Fax	∐ In Person	
16 Additional remarks:									-	
	CI	ient lus	structions:							
17. Cooler Information	Addtle	nsl rem	arks:							
				Pandone	l e- u	I manusir I	Out Pate	Classet Bu		
Cooler No Temp 'C Condition Seel Intact Seel No Seel Date Signed By  1 4.0 Good Yes Yagi	4.7	ALI NO	1		-		Seal Date	Officer by		

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4801 Hawkins NE - A buquarque. NM 87108 Tel. 505-345-3876 Fax 505-345-4107 Analysis Request	BTEXN MTRE V TMR's (8021) TPH-8015D(GRO / DRO / MRO) 8081 Pesticides/8082 PCR's PAHs by 8310 or 827081MS RCRA 8 Metals QQ F, Br, NO <sub>2</sub> , NO <sub>2</sub> , PO <sub>6</sub> , SO <sub>4</sub> 8260 (VOA) 8270 (Somi VOA) Total Colilom: (Present/Absent)		Jobb Three Remarks:  Jisty Age Cos Chooce Dixon & C
Client: こうらん A Service Cond Turn-Around Time: Client: こうらん A Service Condens: こく こうしょう Project Vame: Mailing Address: こく こうしょう Project #: Project #: Project #:	sokage: ard Clevel 4 (Full Validation) rion: Clevel 4 (Full Validation) rion: Clevel 4 (Full Validation) Clevel 4 (Full Validatio	15:09 50:1 C\$13-40 UEFTUODE 100	Date: Time: Relinquished by:  The 18:00 Co. Chowas District Co. Ch



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

March 30, 2023

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

RE: Platt PA Battery OrderNo.: 2303D20

Dear Chance Dixon:

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 Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: WS23-45 4ft Project: Platt PA Battery Collection Date: 3/24/2023 2:00:00 PM Lab ID: 2303D20-001 Matrix: SOIL Received Date: 3/28/2023 7:55:00 AM

					.025 7.55.00 12.12
Analyses	Result	RL Qua	l Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				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
Surr. DNOP	92.2	69-147	%Rec	1	3/29/2023 12:08:20 PM
EPA METHOD 8015D: GASOLINE RANGE					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

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

- Value exceeds Maximum Contentant Level.
  D Sample Dubrid Due to Matrix
  If Holding times the preparation or analysis exceed
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  5 % Rocovery certaids of standard limits. If undits
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pH Not In Range
- - Page 1 of 5

30-Mar-23

## QC SUMMARY REPORT

### Hall Environmental Analysis Laboratory, Inc.

Client: Vertex Resources Services, Inc.

Project: Platt PA Battery

TestCode: EPA Method 300.0: Anions Sample ID: MB-74000 SampType: MBLK

Client ID: PBS Batch ID: 74000 RunNo: 95644

Prep Date: 3/29/2023 Analysis Date: 3/29/2023 SeqNo: 3461932 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit

1.5

Sample ID: LCS-74000 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 74000 RunNo: 95644

Prep Date: 3/29/2023 Analysis Date: 3/29/2023 SeqNo: 3461933 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

1.5 15.00 0 94.9

- Value exceeds Maximum Contaminant Level. Sample Ditried Due to Matrix Holding times for preparation or analysis excee Not Detected at the Reporting Limit

- Practical Quantitative Limit
  % Recovery outside of standard limits. If undiluted results may be est

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

Page 2 of 5

30-Mar-23

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Cli	ent		Ve	rte	ex.	R	esi	ources	Services,	Inc.
_					_		_			

Project: Platt PA	Battery								
Sample ID: MB-73997	SampType: MBLK	TestCode: EPA Method	ode: 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						
Sample ID: LCS-73997	SampType: LC\$	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	Qual					
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: Diesel Range Organics						
Client ID: PB\$	Batch ID: 73987	RunNo: 95646							
Prep Date: 3/28/2023	Analysis Date: 3/29/2023	SeqNo: 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: LC\$-73987	SampType: LC\$		8015M/D: Diesel Range Organics						

Sample ID: LCS-73987	SampType: LC\$	TestCode: EPA Method 8015M/D: Diesel 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
Sum DNOD	4.4 5.000	87.3 60 147

- Value exceeds Maximum Contaminar Sample Dibried Due to Matrix Holding times for preparation or analy Not Detected at the Reporting Limit Practical Quantitative Limit % Recovery outside of standard limits

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

Page 3 of 5

30-Mar-23

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Vertex Resources Services, Inc.

Project: Platt PA Battery

Sample ID: Ics-73975	SampT	ype: LC	S	Tes	TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch	ID: 739	75	F	RunNo: 95642					
Prep Date: 3/28/2023	Analysis D	ate: 3/	29/2023	SeqNo: 3461081 Units: mg/Kg						
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			Tes	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PB\$	Batch ID: 73975			F	RunNo: 95	642					
Prep Date: 3/28/2023	Analysis Date: 3/29/2023			5	SeqNo: 34	61082	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	1000		1000		102	37.7	212				

- Value exceeds Maximum Contaminant Level.
  Sample Ditated Due to Matrix
  Holding times for preparation or analysis exceeds
  Not Detected at the Reporting Limit
  Practical Quantitative Limit
  % Recovery outside of standard limits. If unditate

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

Page 4 of 5

30-Mar-23

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Vertex Resources Services, Inc.

Project: Platt PA Battery

Sample ID: LCS-73975	Sampi	Type: LC	S	Tes	TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 73975			F	RunNo: 95642						
Prep Date: 3/28/2023	Analysis [	Date: 3/	29/2023		SeqNa: 34	461088	Units: mg/Kg				
Analyte	Result	Result PQL SPK value S			%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-Bromofluorobenzene	0.94		1.000		93.8	70	130				

Sample ID: mb-73975	SampT	уре: МВ	LK	Tes	tCode: EF	A Method	8021B: Volati	108			
Client ID: PBS	Batch	1ID: <b>73</b> 9	75	RunNo: 95642							
Prep Date: 3/28/2023	Analysis D	ate: 3/2	29/2023	SeqNo: 3461089			Units: mg/Kg				
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	0.89		1.000		89.4	70	130				

- Value exceeds Maximum Contamina Sample Dibried Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantative 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

Page 5 of 5



Haii Environmental Apalyasi Laborateer 1901 Harrims Nii Alfraqueegan NM ATTI 152, 505-345-3975 FAV: 305-345-4102 Website: www.hallenelconstant.com

# Sample Log-In Check List

	Vertex Resources Services, Inc.	Work Order Numi	ber: 2303D20		ReptNo: 1	
Received By	Juan Rojas	3/28/2023 7:55:00 /	AM	juming G-		
Completed By	Desiree Dominguez	3/28/2023 B:33:47	AM.	- <del>133</del> -		
Roymand By		3/28/23		2.4. <u>- 3.</u>		
<u>Chain of Cus</u>			Yee □	№ 🔽	Not Present	
	ustody complete?			NO IV	No: i tesen: I	
2 How was the	sample de ivered?		Courier			
Log in	int made to cool the sample	107	ves M	No - 1	NA I	
2 8843 8 1 8003	ide cueres en coor dis sacilitée	-51	-62 let	196.1	10. 1	
4 Weie all som	ples received at a temperati	2*0.8 of 2 *0< to en	¥ee 🗹	No ☐	NA 🗆	
Sample(s) in	araper containe (s)?		Yee 🗹	No 🗆		
3. Sulficieni ean	pie volume for indicated tra	#(s)2	Yes 🗹	No 🗆		
7. Arə samoles (	except VOA and ONG) proj	ierly pieservee?	Yes 💆	No 🗆		
ő. Was preserve	Live added to bollles?		Yes 1	No 🗹	NA L	
9 Received at le	isst 1 vial with headspace <	8/4" for AG VOA?	Yes 📙	№ 🗀	NA 🗹	
() Word any sar	nple computers received be	oken?	Yes 🗆	No 🕍	# of preserved	
4					bottles checked for pl-	
	oft match boille laLe.s? sriciés on chain of oustody)		Yes 🚧	Nel		(beton eseini
Atematices i	correctly identified on Chain	of Custody?	Yes 📶	ка Г	Adjusted?	
3, is it alear wha	t analyses were requested?		Yes Mi	Ma I		-1025
	ng times able to be met? uetomar for authorization.)		Yes 🗹	M0 ∐	Chericked by.	21.6501
	ling (if applicable)					
5. Was creat or	tified of all discrependes w	rth thus orde.?	Yes 🗀	No []	NA 环	
Person	Notified:	Date				
By Who		Via:	CoMail   19	Phono¦   Fax :	In Person	
Regard						
	nstructions:					
l 6. Additional re						
Client in	rformation missing on CCC	DAD S/28/23				
	mahen	Seal Irriact   Seal No.	Seel Date	Signed By		
7 <u>Confer Info</u>	Temp *C Condition		CHARL DISIN	cargi sect my		

HALL ENVIRONMENTAL ANALYSIS LABORATORY  www.hellenv ronmen:sLoam 4801 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request	TPH:8018E7 TMR's (8021)   MIBE'T TMR's (8021)   MIBE'T TMR's (8021)   MIBE'T MB's (8021)   MIBE'T MB's (MB')   MIBE'T MB's (	8. Cale Time Remarks.  1.1 2/19/19 9/6 CC. Change Dixon Endingue?  1.1 2/19/13 9/55 Divice of Sill to EDS  1.2 1/2 5/19/12 9/55 Divice of Sill to EDS  1.3 1/3 1/5 1/5 Divice of Sill to EDS
Chain-of-Custody Record Tum-Around Time:  Clearly ECO (250,000)  Expect Name:  (10,000)  Clearly Coat Coat Coat Coat Coat Coat Coat Coat	Project Managet:  Change Individualian;  India Complete:  Semple:  Semple:	Date Time: Reinsuland by:    MAMALIA And Antime to the information of positional parameter. The Recognition of the positional parameter in the positional parameter. The positional parameter is the positional parameter of the positional parameter. The positional parameter is the positional parameter in the positional parameter in the positional parameter. The positional parameter is the positional parameter in the posit



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

March 30, 2023

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

RE: Platt PA Battery OrderNo.: 2303D20

Dear Chance Dixon:

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 Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: WS23-45 4ft Project: Platt PA Battery Collection Date: 3/24/2023 2:00:00 PM Received Date: 3/28/2023 7:55:00 AM Lab ID: 2303D20-001 Matrix: SOIL

Analyses	Result	RL Qua	l Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	3/29/2023 12:08:20 PM
Motor Oll Range Organics (MRO)	ND	50	mg/Kg	1	3/29/2023 12:08:20 PM
Surr: DNOP	92.2	69-147	%Rec	1	3/29/2023 12:08:20 PM
EPA METHOD 8015D: GASOLINE RANGE					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

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

- Value exceeds Maximum Contaminant Level.
- Value exceeds Maximum Contentant Level.
  D Sample Dubrid Due to Matrix
  If Holding times the preparation or analysis exceed
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  5 % Rocovery certaids of standard limits. If undits

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

Page 1 of 5

30-Mar-23

## QC SUMMARY REPORT

### Hall Environmental Analysis Laboratory, Inc.

Client: Vertex Resources Services, Inc.

Project: Platt PA Battery

TestCode: EPA Method 300.0: Anions Sample ID: MB-74000 SampType: MBLK

Client ID: PBS Batch ID: 74000 RunNo: 95644

Prep Date: 3/29/2023 Analysis Date: 3/29/2023 SeqNo: 3461932 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit

1.5

Sample ID: LCS-74000 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 74000 RunNo: 95644

Prep Date: 3/29/2023 Analysis Date: 3/29/2023 SeqNo: 3461933 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

1.5 15.00 0 94.9

- Value exceeds Maximum Contaminant Level. Sample Ditried Due to Matrix Holding times for preparation or analysis excee Not Detected at the Reporting Limit

- Practical Quantitative Limit
  % Recovery outside of standard limits. If undiluted results may be est

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

Page 2 of 5

30-Mar-23

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Vertex Resources Services, Inc. Project: Platt PA Battery

Sample ID: MB-73997	SampT	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PB\$	Batch ID: 73997			F	RunNo: 95646					
Prep Date: 3/29/2023	Analysis D	ate: 3/2	29/2023		SeqNa: 34	461213	Units: mg/K	g		
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			

Sample ID: LCS-73997	SampT	ype: LC	\$	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch	ID: 739	997	RunNo: 95646							
Prep Date: 3/29/2023	Analysis D	ate: 3/2	29/2023	5	SeqNa: 34	461214	Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual	
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	Tes	tCode: El	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PB\$	Batch ID:	73987	F	RunNo: 9	5646				
Prep Date: 3/28/2023	Analysis Date:	3/29/2023		SeqNo: 34	461648	Units: %Rec			
Analyte	Result PQ	L 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: Diesel Range Organics
Client ID: LCSS	Batch ID: 73987	RunNo: 95646
Prep Date: 3/28/2023	Analysis Date: 3/29/2023	SegNo: 3461649 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Same DIMOD	4.4 5.000	87 3 EQ 147

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

- Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pH Not In Range

Page 3 of 5

30-Mar-23

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Vertex Resources Services, Inc.

Project: Platt PA Battery

Sample ID: Ics-73975	Samp1	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batc	h ID: 739	975	RunNo: 95642								
Prep Date: 3/28/2023	Analysis [	)ate: 3/	29/2023		SeqNa: 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	SampT	уре: МВ	LK	Tes						
Client ID: PB\$	Batch	Batch ID: 73975 RunNo: 95642								
Prep Date: 3/28/2023	Analysis D	ate: 3/2	9/2023	5	SeqNo: 34	61082	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			

- Value exceeds Maximum Contaminar Sample Dibried Due to Matrix Holding times for preparation or analy Not Detected at the Reporting Limit Practical Quantitative Limit % Recovery outside of standard limits

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

Page 4 of 5

30-Mar-23

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Vertex Resources Services, Inc.

Project: Platt PA Battery

Sample ID: LCS-73975	Sampi	Type: LC	S	Tes	tCode: EF	PA Method	8021B: Volati	188		
Client ID: LCSS	Batc	h ID: 739	975	RunNo: 95642						
Prep Date: 3/28/2023	Analysis [	Date: 3/	29/2023		SeqNa: 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-Bromofluorobenzene	0.94		1.000		93.8	70	130			

Sample ID: mb-73975	Sampī	ype: ME	BLK	TestCode: EPA Method				les		
Client ID: PBS	Batch	1 ID: 73	975	RunNo: 95642						
Prep Date: 3/28/2023	Analysis [	)ate: 3/1	29/2023		SeqNa: <b>3</b> 4	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-Bromofluorobenzene	0.89		1.000		89.4	70	130			

- Value exceeds Maximum Contamina Sample Dibried Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantative 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

Page 5 of 5



Haii Environmental Apalyasi Laborateer 1901 Harrims Nii Alfraqueegan NM ATTI 152, 505-345-3975 FAV: 305-345-4102 Website: www.hallenelconstant.com

# Sample Log-In Check List

	Vertex Resources Services, Inc.	Work Order Numi	ber: 2303D20		ReptNo: 1	
Received By	Juan Rojas	3/28/2023 7:55:00 /	AM	juming G-		
Completed By	Desiree Dominguez	3/28/2023 B:33:47	AM.	- <del>133</del> -		
Roymand By		3/28/23		2.4. <u>- 3.</u>		
<u>Chain of Cus</u>			Yee □	№ 🔽	Not Present	
	ustody complete?			NO IV	No: i tesen: I	
2 How was the	sample de ivered?		Courier			
Log in	int made to cool the sample	107	ves M	No - 1	NA I	
2 8843 8 1 8003	ide cueres en coor dis sacilitée	-51	-62 let	18.1	10. 1	
4 Weie all som	ples received at a temperati	2*0.8 of 2 *0< to en	¥ee 🗹	No ☐	NA 🗆	
Sample(s) in	araper containe (s)?		Yee 🗹	No 🗆		
3. Sulficieni ean	pie volume for indicated tra	#(s)2	Yes 🗹	No 🗆		
7. Arə samoles (	except VOA and ONG) proj	ierly pieservee?	Yes 💆	No 🗆		
ő. Was preserve	Live added to bollles?		Yes 1	No 🗹	NA L	
9 Received at le	isst 1 vial with headspace <	8/4" for AG VOA?	Yes 📙	№ 🗀	NA 🗹	
() Word any sar	nple computers received be	oken?	Yes 🗆	No 🕍	# of preserved	
4					bottles checked for pl-	
	oft match boille laLe.s? sriciés on chain of oustody)		Yes 🚧	Nel		(beton eseini
Atematices i	correctly identified on Chain	of Custody?	Yes 📶	ка Г	Adjusted?	
3, is it alear wha	t analyses were requested?		Yes Mi	Ma I		-1025
	ng times able to be met? uetomar for authorization.)		Yes 🗹	M0 ∐	Chericked by.	21.6501
	ling (if applicable)					
5. Was creat or	tified of all discrependes w	rth thus orde.?	Yes 🗀	No []	NA 环	
Person	Notified:	Date				
By Who		Via:	CoMail   19	Phono¦   Fax :	In Person	
Regard						
	nstructions:					
l 6. Additional re						
Client in	rformation missing on CCC	DAD S/28/23				
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7 <u>Confer Info</u>	Temp *C Condition		CHARL DISIN	cargi sect my		

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenv ronnen:sl.opm 4901 Havkins NE - Albuquerque. NM 87109 Tel. 505-345-3976 Fax 505-345-4107 Analysis Request	TEH:8015D(GRO / DRO / MRO) TEH:8015D(GRO / DRO / MRO) 8081 Posticides/8082 PCB's PAHs by 8340 or 8270SIMS RCRA 8 Metals G) F, 8r, NO., NO., PO., SO., 8250 (VOA) Total Coliform (Prosont/Absort)		Times. Relinquished by:    MAMMALAL WALL WITH SECTION STATES   Date   Time   Remarks;   Date   Date   Time   Received by:   MAMMALAL WALL WALL WITH SECTION STATES   Date   Time   Received by:   MAMMALAL WALL WALL WALL WITH SECTION STATES   DATE
Tum-Around Time:  = Standard Rush Wild thr  Frojec: Name:  Rojec: #:  Projec: #:	Colviquez Inc Mediciquez ABOSOSO	100 - 001	Received by Vis. Table Time Received by Vis. Date Time Received by Vis. Date Time Construction of the Street Stree
Chain-of-Custody Record Client: ECIC (LESCUCOS) Weiling Address: Dr. C. (L.	rekage:  In Level 4 (Full Validation)  Iton: D Az Compliance  C - Other  Type)  Type)  The Matrix Sample Name	1/4:00 30:1 WG/3UE	Delle Time: Retinquished by:  Delle Time: Retinquished by:  MAMAL MAAA  Increases, sumples at the first of the retilination of the office of the state of the sta



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

RE: Platt PA Battery OrderNo.: 2303D76

Dear Chance Dixon:

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 Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-31 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:00:00 AM Lab ID: 2303D76-001 Matrix: SOIL Received Date: 3/29/2023 7:35:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	3/30/2023 5:28:24 PM
Motor Oll Range Organics (MRO)	ND	49	mg/Kg	1	3/30/2023 5:28:24 PM
Surr. DNOP	76.8	69-147	%Rec	1	3/30/2023 5:28:24 PM
EPA METHOD 8015D: GASOLINE RANGE					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 PN
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 PN
Ethylbenzene	ND	0.048	mg/Kg	1	3/30/2023 10:15:04 PN
Xylenes, Total	ND	0.097	mg/Kg	1	3/30/2023 10:15:04 PN
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

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

Qualifiers:

- Value enceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  s % Becovery outside of standard limits.

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

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-32 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:05:00 AM Lab ID: 2303D76-002 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 ORG	ANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	3/30/2023 5:49:49 PM
Motor Oll Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 5:49:49 PM
Surr. 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
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
Chloride	1600	60	mg/Kg	20	3/30/2023 6:34:24 PM

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

Qualifiers:

- Value exceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  4 % Recovery outside of standard limits.

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

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-33 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:10:00 AM Lab ID: 2303D76-003 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 ORG	ANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	3/30/2023 6:00:35 PM
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	3/30/2023 6:00:35 PM
Surr. DNOP	139	69-147	%Rec	1	3/30/2023 6:00:35 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	3/31/2023 12:36:11 AM
Surr. 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

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

Qualifiers:

- Value exceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  4 % Recovery outside of standard limits.

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

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-34 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:15:00 AM Lab ID: 2303D76-004 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 ORG	ANICS				Analyst: PRD
Diesel Range Organics (DRO)	12	9.6	mg/Kg	1	3/30/2023 6:11:21 PM
Motor Oll Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 6:11:21 PM
Surr. DNOP	108	69-147	%Rec	1	3/30/2023 6:11:21 PM
EPA METHOD 8015D: GASOLINE RANGE					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

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

Qualifiers:

- Value exceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  s % Recovery outside of standard limits.

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

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-35 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:20:00 AM Lab ID: 2303D76-005 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 ORG	ANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	3/30/2023 6:43:31 PM
Motor Oll Range Organics (MRO)	ND	47	mg/Kg	1	3/30/2023 6:43:31 PM
Surr. DNOP	94.8	69-147	%Rec	1	3/30/2023 6:43:31 PM
EPA METHOD 8015D: GASOLINE RANGE					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

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

Qualifiers:

- Value exceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  s % Recovery outside of standard limits.
- E Above Quantitation Range Estimated Value
  J Analyte detected below quantitation limits
  P Sample pH Not In Range
  RL Reporting Limit

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-36 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:25:00 AM Lab ID: 2303D76-006 Matrix: SOIL Received Date: 3/29/2023 7:35:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst: PRD	
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	3/30/2023 6:54:16 PM	
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	3/30/2023 6:54:16 PM	
Surr. DNOP	98.1	69-147	%Rec	1	3/30/2023 6:54:16 PM	
EPA METHOD 8015D: GASOLINE RANGE					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	
Chloride	3100	150	mg/Kg	50	3/31/2023 9:02:58 AM	

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

Qualifiers:

- Value enceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  s % Becovery outside of standard limits.
- E Above Quantitation Range Estimated Value
  J Analyte detected below quantitation limits
  P Sample pH Not In Range
  RL Reporting Limit
- - Page 6 of 16

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-37 4ft Collection Date: 3/27/2023 11:30:00 AM Project: Platt PA Battery Lab ID: 2303D76-007 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 ORG	ANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	3/30/2023 7:15:39 PM
Motor Oli Range Organics (MRO)	ND	50	mg/Kg	1	3/30/2023 7:15:39 PM
Surr. 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 enceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  s % Becovery outside of standard limits.

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

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-38 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:35:00 AM Lab ID: 2303D76-008 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 ORG	ANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	3/30/2023 7:26:23 PM
Motor Oll Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 7:26:23 PM
Surr: DNOP	103	69-147	%Rec	1	3/30/2023 7:26:23 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/31/2023 2:33:36 AM
Surr. 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
Chloride	2200	60	mg/Kg	20	3/30/2023 7:48:52 PM

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

Qualifiers:

- Value exceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  4 % Recovery outside of standard limits.
- E Above Quantitation Range Estimated Value
  J Analyte detected below quantitation limits
  P Sample pH Not In Range
  RL Reporting Limit

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-39 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:40:00 AM Lab ID: 2303D76-009 Matrix: SOIL Received Date: 3/29/2023 7:35:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	3/30/2023 7:47:42 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	3/30/2023 7:47:42 PM
Surr. DNOP	101	69-147	%Rec	1	3/30/2023 7:47:42 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	3/31/2023 2:57:03 AM
Surr. 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

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

Qualifiers:

- Value enceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  s % Becovery outside of standard limits.

- E Above Quantitation Range Estimated Value
  J Analyte detected below quantitation limits
  P Sample pH Not In Range
  RL. Reporting Limit
- - Page 9 of 16

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-40 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:45:00 AM Lab ID: 2303D76-010 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 O	RGANICS				Analyst: PRD
Diesel Range Organics (DRO)	21	9.7	mg/Kg	1	3/30/2023 7:58:24 PM
Motor Oll Range Organics (MRO)	ND	49	mg/Kg	1	3/30/2023 7:58:24 PM
Surr. DNOP	106	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

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

Qualifiers:

- Value enceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  s % Bacovery outside of standard limits

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

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### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-41 4ft Collection Date: 3/27/2023 11:50:00 AM Project: Platt PA Battery Lab ID: 2303D76-011 Matrix: SOIL Received Date: 3/29/2023 7:35:00 AM

Lab ID. 2505D/0-011	Matrix, SOLE	Received Date: 5/25/2025 7:55:00 FEM						
Analyses	Result	RL Qu	al Units	DF	Date Analyzed			
EPA METHOD 8015M/D: DIESEL RAN	IGE ORGANICS				Analyst: PRD			
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	3/30/2023 8:19:49 PM			
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 8:19:49 PM			
Surr: DNOP	100	69-147	%Rec	1	3/30/2023 8:19:49 PM			
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst: JJP			
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	3/31/2023 4:07:20 AM			
Surr. 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			

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analysis exce
  ND Not Detected at the Reporting Limit
  PQL Practical Quantative Limit
  S % Recovery outside of standard limits. If undil
- E Above Quantitation Range/Estimated Value
  J Analyte detected below quantitation limits
  P Sample pH Not in Range
  RL Reporting Limit
- - Page 11 of 16

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: WS23-47 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:55:00 AM Lab ID: 2303D76-012 Matrix: SOIL Received Date: 3/29/2023 7:35:00 AM

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	3/30/2023 8:41:09 PM
Motor Oll Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 8:41:09 PM
Surr. DNOP	103	69-147	%Rec	1	3/30/2023 8:41:09 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	3/31/2023 4:30:41 AM
Surr. 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
Chloride	ND	60	mg/Kg	20	3/30/2023 9:52:56 PM

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

Qualifiers:

- Value enceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  S % Recovery outside of standard limits

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

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## QC SUMMARY REPORT

### Hall Environmental Analysis Laboratory, Inc.

Client: Vertex Resources Services, Inc.

Project: Platt PA Battery

TestCode: EPA Method 300.0: Anions Sample ID: MB-74038 SampType: MBLK

Client ID: PBS Batch ID: 74038 RunNo: 95700

Prep Date: 3/30/2023 Analysis Date: 3/30/2023 SeqNo: 3463712 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Analyte

ND 1.5

Sample ID: LCS-74038 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 74038 RunNo: 95700

Prep Date: 3/30/2023 Analysis Date: 3/30/2023 SeqNo: 3463713 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

1.5 15.00 0 92.7

#### Qualifiers:

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

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

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WO#

2303D76

03-Apr-23

## QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

Client: Vertex Resources Services, Inc.

Project: Platt PA Battery

Sample ID: MB-74015 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 74015 RunNo: 95677 Prep Date: 3/29/2023 Analysis Date: 3/30/2023 SeqNo: 3462620 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Analyte 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	SampT	SampType: LCS TestCode: EPA Method						8015M/D: Diesel Range Organics				
Client ID: LCSS	Batch	ID: 74	015	RunNo: 95677								
Prep Date: 3/29/2023	Analysis D	ate: 3/	30/2023	SeqNo: 3462621			Units: mg/Kg					
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:

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

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

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WO#

2303D76

03-Apr-23

03-Apr-23

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Vertex Resources Services, Inc. Client:

Project: Platt PA Battery

Sample ID: 2303d76-001am8	SampT	SampType: MS TestCode: EPA Met					8015D: Gaso	ilne Rang	9	
Client ID: B\$23-31 4ft	Batch ID: 74005 RunNo: 95669									
Prep Date: 3/29/2023	Analysis D	ate: 3/	30/2023	SeqNo: 3463594			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range Organics (GRO)	23	4.8	23.90	0	95.6	70	130			
Surr: BFB	2000		956.0		206	37.7	212			

Sample ID: 2303d76-001amed	SampType: MSD TestCode: EPA Method					8015D: Gaso	iline Rang	9		
Client ID: B\$23-31 4ft	Batch	ID: 74	005	RunNo: 95669						
Prep Date: 3/29/2023	Analysis D	ate: 3/	30/2023	SeqNo: 3463595 Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range 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	SampType: LCS TestCode: EPA Me					PA Method	d 8015D: Gasoline Range						
Client ID: LCSS	Batch	ID: 74	005	R	RunNo: 9	5669							
Prep Date: 3/29/2023	Analysis D	ate: 3/	30/2023	SeqNo: 3463607			Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual			
Gasoline Range Organics (GRO)	22	5.0	25.00	0	88.5	70	130						
Sum: BFB	1900		1000		194	37.7	212						

Sample ID: mb-74005	SampType: MBLK				restCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batcl	h ID: 74	005	F	RunNo: 9	5669							
Prep Date: 3/29/2023	Analysis D	ate: 3/	30/2023	SeqNo: 3463608			Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual			
Gasoline Range Organics (GRO)	ND	5.0											

1000 1000 103 37.7 212 Surr: BFB

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

Above Quantitation Range/Estimated Value Analyse detected below quantitation limits Sample pH Not In Range Reporting Limit

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03-Apr-23

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Vertex Resources Services, Inc. Client:

Project: Platt PA Battery

Sample ID: LCS-74005 Client ID: LCSS	Samp1 Batcl			TestCode: EPA Method 8021B: Volatiles Runno: 95669						
Prep Date: 3/29/2023	Analysis D	ate: 3/	30/2023	5	eqNo: 3/	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	SampT	ype: ME	BLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PB\$	Batch	1ID: 74	005	RunNo: 95669								
Prep Date: 3/29/2023	Analysis D	ate: 3/	30/2023	5	eqNo: 34	463615	Units: mg/Kg					
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	0.92		1.000		91.8	70	130					

Sample ID: 2303d76-002ams	Sampī	Гуре: М8	;	Tes						
Client ID: B\$23-32 4ft	Batcl	h ID: 74	005	F	RunNo: 9	5669				
Prep Date: 3/29/2023	Analysis D	Date: 3/	30/2023	5	SeqNo: 3	463629	Units: mg/K			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Benzene	0.90	0.024	0.9671	0	92.9	68.8	120			
Toluene	0.93	0.048	0.9671	0.01707	94.4	73.6	124			
Ethylbenzene	0.95	0.048	0.9671	0	97.7	72.7	129			
Xylenes, Total	2.8	0.097	2.901	0	97.2	75.7	126			
Surr: 4-Bromoffuorobenzene	0.90		0.9671		92.9	70	130			

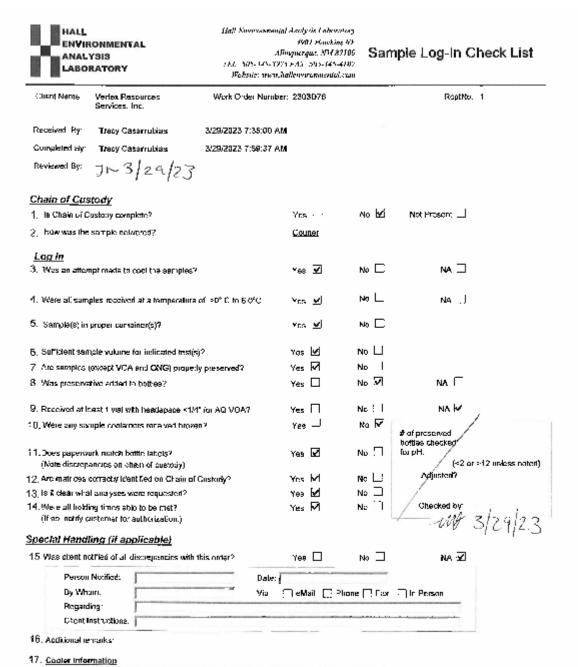
Sample ID: 2303d76-002ams	d Samp1	SampType: MSD TestCode: EPA Met						tiles		
Client ID: B\$23-32 4ft	Batc	h ID: 74	005	F	RunNo: 9	5669				
Prep Date: 3/29/2023	Analysis D	Date: 3/	31/2023	5	eqNo: 3	463630	Units: mg/K			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Benzene	0.94	0.024	0.9699	0	97.0	68.8	120	4.57	20	
Toluene	0.96	0.048	0.9699	0.01707	96.9	73.6	124	2.83	20	
Ethylbenzene	0.96	0.048	0.9699	0	98.7	72.7	129	1.26	20	
Xylenes, Total	2.9	0.097	2.910	0	98.3	75.7	126	1.44	20	
Surr: 4-Bramafluorobenzene	0.91		0.9699		93.6	70	130	0	0	

- D Sample Dikind Due to Matrix

  H Holding times for preparation or ana
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit

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

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Cooler No Temp "C - Condition | Seal Infact | Soci No | Seel Date | Signed By

Morty

Yes

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Page 1 of 1

Goog

<b>Ш</b> ≽ <u>§</u> ₹	Tel. 505-345-3575 Fex 505-345-4107 Analysis Request	PO¢, SO¢	, ON , OI	68 yd s 96 6 A3 7	8256 (C) > (C) >	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	, and the second	_	5					^		charge Dixon & Robertone 2	DIVE THE BUILD BOS DESCRIPTION OF THE POST
H 1694	_al. 50	(OAM) \ O	GRO / DR GRO / DR	IIM (₹ )¤3108:		>		1	>	>	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\ X X	) } }	77	>	Consider Conside Conside Consider Consi	A V C
Turn-Around Time:  Stardard Brush 40th  Project Name: A Bacttery	125-100-125-12	Project Manager:  Chraw.C.L.  D. K.O.M.	Sempler Convendo Reduigue? On ice: Aves C No month	Decidency OFF 3.1	Container Preservative HEALNO.  Type and # Type 7303 DPU	-	003	Loc	COX	900	£00	8,00	000	1 011	510	Militaria And Apple 110	Pecalised by VacColumn Date Time 75% 279/21
Client: そのらくをあいてのう (Very Lex) PMailing Address: ( いんいんと)	Thomas #	axif; Paxif; Paxification   Paxifica	n: D Az Compliance		Date Time Matrix Sample Name T	1:02 - 20/20 - CO:11	4513-32	~	1 11:20 1 PS-33-35 UBA	11:25 8523-36 454	RS23-37	8525-98 4	TO 01 - 2014 - 2011	-	154 1450 V BE	Care Time. Relincusted by	NAMANANA A NA BANKANANANA MAY 20 SEK



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

RE: Platt PA Battery OrderNo.: 2303D76

#### Dear Chance Dixon:

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 Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-31 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:00:00 AM Lab ID: 2303D76-001 Matrix: SOIL Received Date: 3/29/2023 7:35:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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
Surr. DNOP	76.8	69-147	%Rec	1	3/30/2023 5:28:24 PM
EPA METHOD 8015D: GASOLINE RANGE					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

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

Qualifiers:

- Value enceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  s % Becovery outside of standard limits.

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

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-32 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:05:00 AM Lab ID: 2303D76-002 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 ORG	ANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	3/30/2023 5:49:49 PM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 5:49:49 PM
Surr. 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
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
Chloride	1600	60	mg/Kg	20	3/30/2023 6:34:24 PM

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

Qualifiers:

- Value enceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  s % Becovery outside of standard limits.

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

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-33 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:10:00 AM Lab ID: 2303D76-003 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 ORG	Analyst: PRD				
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	3/30/2023 6:00:35 PM
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	3/30/2023 6:00:35 PM
Surr. DNOP	139	69-147	%Rec	1	3/30/2023 6:00:35 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	3/31/2023 12:36:11 AM
Surr. 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

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

Qualifiers:

- Value exceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  s % Recovery outside of standard limits.
- E Above Quantitation Range Estimated Value
  J Analyte detected below quantitation limits
  P Sample pH Not In Range
  RL. Reporting Limit

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-34 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:15:00 AM Lab ID: 2303D76-004 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 ORG	Analyst: PRD				
Diesel Range Organics (DRO)	12	9.6	mg/Kg	1	3/30/2023 6:11:21 PM
Motor Oll Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 6:11:21 PM
Surr: DNOP	108	69-147	%Rec	1	3/30/2023 6:11:21 PM
EPA METHOD 8015D: GASOLINE RANGE					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

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

- Value exceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  4 % Recovery outside of standard limits.

- E Above Quantitation Range Estimated Value
  J Analyte detected below quantitation limits
  P Sample pH Not In Range
  RL. Reporting Limit
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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-35 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:20:00 AM Lab ID: 2303D76-005 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 ORG	ANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	3/30/2023 6:43:31 PM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	3/30/2023 6:43:31 PM
Surr. DNOP	94.8	69-147	%Rec	1	3/30/2023 6:43:31 PM
EPA METHOD 8015D: GASOLINE RANGE					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

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

- Value enceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  s % Becovery outside of standard limits.

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

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-36 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:25:00 AM Lab ID: 2303D76-006 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 ORG	ANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	3/30/2023 6:54:16 PM
Motor Oll Range Organics (MRO)	ND	50	mg/Kg	1	3/30/2023 6:54:16 PM
Surr. DNOP	98.1	69-147	%Rec	1	3/30/2023 6:54:16 PM
EPA METHOD 8015D: GASOLINE RANGE					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
Chloride	3100	150	mg/Kg	50	3/31/2023 9:02:58 AM

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

- Value exceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  4 % Recovery outside of standard limits.
- E Above Quantitation Range Estimated Value
  J Analyte detected below quantitation limits
  P Sample pH Not In Range
  RL. Reporting Limit
- - Page 6 of 16

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-37 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:30:00 AM Lab ID: 2303D76-007 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 ORG	ANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	3/30/2023 7:15:39 PM
Motor Oll Range Organics (MRO)	ND	50	mg/Kg	1	3/30/2023 7:15:39 PM
Surr. 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.

- Value enceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  s % Becovery outside of standard limits.

- E Above Quantitation Range Estimated Value
  J Analyte detected below quantitation limits
  P Sample pH Not In Range
  RL. Reporting Limit
- - Page 7 of 16

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-38 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:35:00 AM Lab ID: 2303D76-008 Matrix: SOIL Received Date: 3/29/2023 7:35:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	Analyst: PRD				
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	3/30/2023 7:26:23 PM
Motor Oli Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 7:26:23 PM
Surr. DNOP	103	69-147	%Rec	1	3/30/2023 7:26:23 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/31/2023 2:33:36 AM
Surr. 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
Chloride	2200	60	mg/Kg	20	3/30/2023 7:48:52 PM

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

Qualifiers:

- Value enceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  s % Becovery outside of standard limits.
- E Above Quantitation Range Estimated Value
  J Analyte detected below quantitation limits
  P Sample pH Not In Range
  RL. Reporting Limit

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-39 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:40:00 AM Lab ID: 2303D76-009 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 ORG	ANICS				Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	3/30/2023 7:47:42 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	3/30/2023 7:47:42 PM
Surr. DNOP	101	69-147	%Rec	1	3/30/2023 7:47:42 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	3/31/2023 2:57:03 AM
Surr. 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

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

Qualifiers:

- Value enceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  s % Bacovery outside of standard limits

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

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-40 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:45:00 AM Lab ID: 2303D76-010 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 ORG	ANICS				Analyst: PRD
Diesel Range Organics (DRO)	21	9.7	mg/Kg	1	3/30/2023 7:58:24 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	3/30/2023 7:58:24 PM
Surr. DNOP	106	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

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

- Value enceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  s % Bacovery outside of standard limits
- E Above Quantitation Range Estimated Value
  J Analyte detected below quantitation limits
  P Sample pH Not In Range
  RL. Reporting Limit
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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-41 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:50:00 AM Lab ID: 2303D76-011 Matrix: SOIL Received Date: 3/29/2023 7:35:00 AM

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	Analyst: PRD				
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	3/30/2023 8:19:49 PM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	3/30/2023 8:19:49 PM
Surr. 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
Surr. 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

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

Qualifiers:

- Value enceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  s % Becovery outside of standard limits.
- E Above Quantitation Range/Estimated Value
  J Analyte detected below quantitation limits
  P Sample plf Not in Range
  RL Reporting Limit

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-41 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:50:00 AM Lab ID: 2303D76-011 Matrix: SOIL Received Date: 3/29/2023 7:35:00 AM

Result	RL (	Qual Units	DF	Date Analyzed
RGANICS				Analyst: PRD
ND	9.5	mg/Kg	1	3/30/2023 8:19:49 PM
ND	48	mg/Kg	1	3/30/2023 8:19:49 PM
100	69-147	%Rec	1	3/30/2023 8:19:49 PM
				Analyst: JJP
ND	5.0	mg/Kg	1	3/31/2023 4:07:20 AM
101	37.7-212	%Rec	1	3/31/2023 4:07:20 AM
				Analyst: JJP
ND	0.025	mg/Kg	1	3/31/2023 4:07:20 AM
ND	0.050	mg/Kg	1	3/31/2023 4:07:20 AM
ND	0.050	mg/Kg	1	3/31/2023 4:07:20 AM
ND	0.10	mg/Kg	1	3/31/2023 4:07:20 AM
89.9	70-130	%Rec	1	3/31/2023 4:07:20 AM
				Analyst: SNS
6800	300	mg/Kg	100	3/31/2023 9:40:08 AM
	ND ND 100 ND	ND 9.5 ND 48 100 69-147 ND 5.0 101 37.7-212 ND 0.025 ND 0.050 ND 0.050 ND 0.10 89.9 70-130	ND 9.5 mg/Kg ND 48 mg/Kg 100 69-147 %Rec  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 0.10 mg/Kg 89.9 70-130 %Rec	ND 9.5 mg/Kg 1 ND 48 mg/Kg 1 100 69-147 %Rec 1  ND 5.0 mg/Kg 1 101 37.7-212 %Rec 1  ND 0.025 mg/Kg 1 ND 0.050 mg/Kg 1 ND 0.050 mg/Kg 1 ND 0.050 mg/Kg 1 ND 0.10 mg/Kg 1 89.9 70-130 %Rec 1

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

Qualifiers:

- Value enceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  s % Becovery outside of standard limits.
- E Above Quantitation Range/Estimated Value
  J Analyte detected below quantitation limits
  P Sample plf Not in Range
  RL Reporting Limit

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: WS23-47 4ft Project: Platt PA Battery Collection Date: 3/27/2023 11:55:00 AM Lab ID: 2303D76-012 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 O	RGANICS					Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/30/2023 8:41:09 PM
Motor Oll Range Organics (MRO)	ND	48		mg/Kg	1	3/30/2023 8:41:09 PM
Surr: DNOP	103	69-147		%Rec	1	3/30/2023 8:41:09 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/31/2023 4:30:41 AM
Surr. 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
Chloride	ND	60		mg/Kg	20	3/30/2023 9:52:56 PM

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

Qualifiers:

- Value enceeds Maximum Contaminant
  D Sample Diluted Due to Matrix
  H Holding times for preparation or analy
  NO Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
  s % Becovery outside of standard limits.

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

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## QC SUMMARY REPORT

### Hall Environmental Analysis Laboratory, Inc.

Client: Vertex Resources Services, Inc.

Project: Platt PA Battery

TestCode: EPA Method 300.0: Anions Sample ID: MB-74038 SampType: MBLK

Client ID: PBS Batch ID: 74038 RunNo: 95700

Prep Date: 3/30/2023 Analysis Date: 3/30/2023 SeqNo: 3463712 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Analyte

ND 1.5

Sample ID: LCS-74038 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 74038 RunNo: 95700

Prep Date: 3/30/2023 Analysis Date: 3/30/2023 SeqNo: 3463713 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

1.5 15.00 0 92.7

### Qualifiers:

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

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

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2303D76

03-Apr-23

2303D76

03-Apr-23

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Vertex Resources Services, Inc. Client:

Project: Platt PA Battery

Sample ID: MB-74015	SampT	уре: ме	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Rang	Organics	
Client ID: PBS	Batch	ID: 74	015	F	RunNo: 98	5677				
Prep Date: 3/29/2023	Analysis D	ate: 3/	30/2023	5	eqNo: 34	462620	Units: mg/K	g		
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	SampT	ype: LC	S	Test	tCode: El	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch	ID: 74	015	R	RunNo: 9	5677				
Prep Date: 3/29/2023	Analysis Date: 3/30/2023			S	eqNo: 3	462621	Units: mg/K			
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			

- D Sample Dikind Due to Matrix

  H Holding times for preparation or anal
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit

- Above Quantitation Range/Estimated Value
   Analyte detected below quantitation limits
   Sample pli Not in Range
   RL. Reporting Limit

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2303D76

03-Apr-23

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Vertex Resources Services, Inc. Client:

Project: Platt PA Battery

Sample ID: 2303d76-001am8	SampT	уре: мя	3	Test	Code: El	PA Method	8015D: Gaso	ilne Rang	9	
Client ID: B\$23-31 4ft	Batch	ID: 74	005	R	tunNo: 9	5669				
Prep Date: 3/29/2023	Analysis Date: 3/30/2023			SeqNo: 3463594 Units: mg/l				g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range Organics (GRO)	23	4.8	23.90	0	95.6	70	130			
Sum: BFB	2000		956.0		206	37.7	212			

Sample ID: 2303d76-001amed	SampT	ype: Ms	D	Tes	tCode: El	PA Method	8015D: Gaso	iline Rang	9	
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	eqNo: 34	463595	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range 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	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch	ID: 74	005	F	RunNo: 9	5669				
Prep Date: 3/29/2023	Analysis D	ate: 3/	30/2023	5	eqNo: 3	463607	Units: mg/K	ig .		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range 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	Code: El	PA Method	8015D: Gaso	line Rang	е	
Client ID: PBS	Batcl	n ID: 74	005	F	tunNo: 9	5669				
Prep Date: 3/29/2023	Analysis Date: 3/30/2023			5	eqNo: 3	463608	Units: mg/K			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Ranne Omanics (GRO)	ND	5.0								

1000 1000 103 37.7 212 Surr: BFB

- Sample Dikited Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quaritative Limit

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

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2303D76

03-Apr-23

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Vertex Resources Services, Inc. Client:

Project: Platt PA Battery

Sample ID: LCS-74005 Client ID: LCSS	Batcl	ype: LC	005	F	tCode: El					
Prep Date: 3/29/2023	Analysis D				eqNo: 3		Units: mg/K	•	DDD! I-it	O
Analyte Benzene	Result 0.91	PQL 0.025	1.000	SPK Ref Val	%REC 91.4	LowLimit 80	HighLimit 120	%RPD	RPDLImit	Qual
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	SampT	SampType: MBLK			tCode: El	illes				
Client ID: PBS	Batcl	n ID: 74	005	F	RunNo: 9	5669				
Prep Date: 3/29/2023	Analysis D	ate: 3/	30/2023	5	eqNo: 3	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-Bromofluorobenzene	0.92		1.000		91.8	70	130			

Sample ID: 2303d76-002ams Client ID: B\$23-32 4ft Prep Date: 3/29/2023		ype: M8 h ID: 74 hate: 3/	005	F	tCode: El RunNo: 9: SeqNo: 3	5669	8021B: Volat			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Benzene	0.90	0.024	0.9671	0	92.9	68.8	120			
Toluene	0.93	0.048	0.9671	0.01707	94.4	73.6	124			
Ethylbenzene	0.95	0.048	0.9671	0	97.7	72.7	129			
Xylenes, Total	2.8	0.097	2.901	0	97.2	75.7	126			
Surr: 4-Bromoffuorobenzene	0.90		0.9671		92.9	70	130			

Sample ID: 2303d76-002ams	d Samp1	Type: MS	SD.	Tes						
Client ID: B\$23-32 4ft	Batc	h ID: 74	005	F	RunNo: 9	5669				
Prep Date: 3/29/2023	Analysis D	Date: 3/	31/2023	5	eqNo: 3	463630	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Benzene	0.94	0.024	0.9699	0	97.0	68.8	120	4.57	20	
Toluene	0.96	0.048	0.9699	0.01707	96.9	73.6	124	2.83	20	
Ethylbenzene	0.96	0.048	0.9699	0	98.7	72.7	129	1.26	20	
Xylenes, Total	2.9	0.097	2.910	0	98.3	75.7	126	1.44	20	
Surr: 4-Bramafluorobenzene	0.91		0.9699		93.6	70	130	0	0	

- D Sample Dikind Due to Matrix

  H Holding times for preparation or anal
  ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit

- Above Quantitation Range/Estimated Value Analyse detected below quantitation limits Sample pH Not In Range Reporting Limit

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 $Hall\ Noncommutation Analysis Inheritary$ Affinguerque: MT489106 Sample Log-In Check List

5. Sulficient sample volume for indicated test(s)?  7. And samples (oxcept VCA end CNG) properly preserved?  8. Was procedated to bothes?  9. Received at least 1 wal with headapade <1M1 for AQ VOA?  9. Received at least 1 wal with headapade <1M1 for AQ VOA?  10. Were any sample conference retrained test(s)?  (Note discrepancies on which of discrepancies with those)  11. Does paperwork match bottle tabots?  (Note discrepancies on which of discrepancies on which of discrepancies on which of discrepancies?  12. Are matices correctly least fed on Chain of Custority?  13. Is 8 clear what analyses were requested?  14. Were all hobting times ablo to be mat?  (If no notify customer for authorization.)  5. Declait Handling (if applicable)  15. Was cleant notified of all discrepancies with this onter?  Person Notified:  Dy Wham.  Via   eMail   Plane   Fox   In Person  Regarding:  Chort Instructions.  16. Additional remarks:  17. Cooler Information	Client Name	Verlax Ras Services, Ir		Werk Ord	ei Nurnber:	2303076		RaptNo	. 1
Chain of Custody  1. Is Chain of Custody  1. Is Chain of Custody  1. Is Chain of Custody  2. how was the scripto activored?  Couner  Couner  Lag In  3. Was an attempt made to coel the semples?  4. Were all sumples received at a temperature of >0° C to 8 0° C  5. Semple(8) in proper curvaince(6)?  7. Ans samples (sexes) VIDA and CMG) properly preserved?  8. Was preservative added to bottee?  9. Received at least 1 well with headapase <1141 for AQ VOA?  10. Were any sixuple conference received and howard?  11. Once paperounk match bottle late(5)?  (Note discrepancies on sheet of austody)  12. Ans matrices correctly identified on Chain of Custody?  (Note discrepancies on sheet of austody)  14. Were all hosting times sho to be rist?  (If no northy curtomar for authorization.)  Special Handling (if applicable)  15. Was deat notified:  Date:  Dy Whom.  Regarding:  Counter Information.	Received By:	Tracy Cas	tarrubias	3/29/2023 7	:35:00 AM				
Chain of Custody  1. In Chain of Custody  2. In Chain of Custody  2. In Chain of Custody  2. In Chain of Custody  3. In Chain of Custody  4. Version of Custody  4. Version of Custody  4. Version of Custody  5. Samples received at a temperature of >0° C to 6° C	Completed by	Tracy Cas	tarrubias	3/29/2023 7	:59:37 AM				
1. Is Chair ut Dustony complete? 2. how was the sample notword? 3. Was an attempt made to coel the samples? 4. Was an attempt made to coel the samples? 4. Was an attempt made to coel the samples? 5. Sample(s) in proper curvainor(s)? 6. Sulf blent sample volume for indicated test(s)? 7. And samples (sexeept WCA and CNG) property preserved? 8. Was presonvative action to bothes? 9. Received at least 1 wall with headapade <1M* (or AQ VOA? 9. Received at least 1 wall with headapade <1M* (or AQ VOA? 11. Does paperwork notice betting times should be mat? 12. And samples secretary least fed on Chair of Custony? 13. Is & deal what amy year were requested? 14. We earll hothing times able to be mat? 16. Was all hothing times able to be mat? 17. Cooler Inflammaling (if applicable) 15. Was able to reflect of all discrepancies with this order? 16. Was all hothing (if applicable) 17. Was ablent notified of all discrepancies with this order? 18. Was ablent notified of all discrepancies with this order? 19. Person Notifice. 19. When all hothing (if applicable) 19. Was ablent notified of all discrepancies with this order? 19. Person Notified. 19. Additional remarks. 19. Cooler Information	Reviewed By:	J~3	129/2	3					
2. Now was the sompto notivered?  Lag In 3. Was an attempt made to cool the semples?  4. Was all samples received at a temperature of 50° C to 60°C viris.   5. Sample(s) in proper curvainor(s)?  7. As samples (sinept VCA and CNG) propedy preserved?  8. Was preservative added to bottles?  9. Received at least 1 yell with headlapace <1M1 for AQ VOA?  9. Received at least 1 yell with headlapace <1M1 for AQ VOA?  11. Does papervork match bottle labels?  12. Are matiness consectly identified on Chain of Custority?  (Note discrepances on sheen of cuetory)  12. Are matiness consectly identified on Chain of Custority?  (Note discrepances on sheen of cuetory)  14. We will institute the sample south feed on Chain of Custority?  14. We will institute the sample south received to authorized for authorized on the sample control of authorized for authorized on the sample control of authorized for authorized	Chain of <u>C</u> u	stody							
Log in  3. Was an attempt made to cool the serriples?  4. Were all samples received at a temperature of PD* C to 60°C    7. Semple(s) in proper curvainor(s)?  5. Semple(s) in proper curvainor(s)?  6. Sulf islent semple volume for indicated test(s)?  7. Are samples (sovept VCA and ONG) propedly preserved?  8. Was preservative added to bothee?  9. Received at least 1 way with headepase <1M* (or AQ VOA?    9. Received at least 1 way with headepase <1M* (or AQ VOA?    9. Received at least 1 way with headepase <1M* (or AQ VOA?    9. Received at least 1 way with headepase <1M* (or AQ VOA?    9. Received at least 1 way with headepase <1M* (or AQ VOA?    9. Received at least 1 way with headepase <1M* (or AQ VOA?    9. Received at least 1 way with headepase <1M* (or AQ VOA?    9. Received at least 1 way with headepase <1M* (or AQ VOA?    9. Received at least 1 way with headepase <1M* (or AQ VOA?    9. No	1. Ta Chain bill	Custony coverp	iketo?			Yes · ·	No b⊻i	Not Prosent 🔟	
3. Wes an attempt made to cool the semples?  4. Were all samples received at a temperature of >0° C in 60°C	), how was th	е катрю веім	mrod?			Couner			
5. Sample(s) in proper curvainor(s)?  7. And sample values for indicated test(s)?  7. And samples (except VCA and ONG) properly preserved?  8. Was proporative added to bothes?  9. Received at locat 1 yes) with headapade <1M* for AQ VOA?  9. Received at locat 1 yes) with headapade <1M* for AQ VOA?  10. Were any sample containeds rare well howen?  11. Does paperwark match bothes to the bothes?  12. Are main ose correctly identified on Chain of Custority?  13. Is it dear what amy year were requested?  14. We re all holding times ablo to be mat?  (if an earth year through the match authorization.)  5. Special Handling (if applicable)  15. Was other notified:  Dy Whan.  Regarding:  Chort instructions.  16. Additional remarks:  17. Cooler informations		empt mada (s c	coel the earnp	les <sup>y</sup>		<b>-</b> 68 <b>▼</b>	No [	na 🗆	
6. Sull'blent semple volume for indicated test(s)?  7. Are samples (except VCA and ONG) properly preserved?  8. Was preservative added to bothes?  9. Received at least 1 yeal with headapase k1M1 for AQ VOA?  9. Received at least 1 yeal with headapase k1M1 for AQ VOA?  10. Were any sample confarence rank with howard?  11. Does paperwork match bottle labets?  (Note discrepancies on when of auerody)  12. Are mair loss corractly l'eart fied on Ch air of Cristority?  13. Is 8 dean what amy year were requested?  14. We e all hobting times ablo to be mat?  (If no norify cristemer for authorization.)  Special Handling (if applicable)  15. Was obent notified:  Dy Whom.  Regarding:  Chort Instructions.  16. Acditional remarks:  17. Cooler Informatiop	1. Were all san	ngles received	l at a tempera	lura of >D°C to 6∘	y c	∨ <sub>05</sub> <u>⊌</u>	№ ∟	NA .J	
7 And samples (except VCA end CNG) properly preserved? 8 Was proconstituded at least 1 well with headapade <1M1 (or AQ VOA? Yes   No V NA   9. Received at least 1 well with headapade <1M1 (or AQ VOA? Yes   No V NA   10. Were any sample containeds rank well brown? Yes   No V NA   11. Does paperwork match bottle labels? Yes   No   12. Are mair less corractly identified on Chain of Custority? Yes   No   13. Is it dean what amayes were requested? Yes   No   14. Were all holding times ablo to be mat? Yes   No   14. Were all holding times ablo to be mat? Yes   No   15. Decked by (if so notify customer to authorization.)  Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes   No   No   No   16. Acditional remarks:  17. Cooler Informations	5. Sample(s) ii	n proper cursa	iner(s)7			vos <u>⊌</u> l	No 🗆		
7 And samples (except VCA end CNG) properly preserved? 8 Was proconstitude added to bothes? 9. Received at least 1 well with headapade <1M1 for AQ VOA? 9. Received at least 1 well with headapade <1M1 for AQ VOA? 10. Were any sample containeds rank wat brown? 11. Does paperwork marks bottle labels? (Note distract particles on othern of auesody) 12. Are main as corractly identified on Chain of Customy? 13. Is it dean what amayees were requested? 14. Were all holding times ablo to be mat? (If so notify customer for authorization.)  Special Handling (if applicable) 15. Was obent notified of all discrepancies with this order?  Person Notified:  Dy Whom.  Regarding Chooter Information  16. Accident Information	5. Sulficientiss	male vuluine f	for indicated to	sa(s)?		Yas 🗹	No ∐		
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11. Does paperwork match bottle labels?  (Note discrepancies on other of autody)  12. Are mailross corractly identified on Chain of Clustonly?  13. Is it dean what analyses were requested?  14. We will inolding times ship to be most?  (If no notify customer for authorization.)  Special Handling (if applicable)  15. Was dean Notified:  Dy Wham.  Person Notified:  Dy Wham.  Regarding:  Checked by:  16. Additional retranks:  17. Coaler Information	3. Received at	loest 1 yell wit	th headapace	<1M" (a) AQ VOA(		Yes 🗆	No ! I	NA M	,
11. Does paperwork match bottlin labets?  (Note discrepancies on effect of auetody)  12. Are matrices correctly literatified on Chain of Custody?  13. Is it clear what are yess were requested?  14. We reall hosting times ablo to be mist?  (If no notify customer for authorization.)  Special Handling (if applicable)  15. Was clear notified of all discrepancies with this order?  Person Notified:  Dy Wham.  Regarding:  Check Instructions.  16. Additional remarks:  17. Cooler Informations	(). Were any sa	stiple contains	ers rana ved h	roxau y		Yes 📙	ма 🔽	# of preserved /	/
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(If no northy customar for authorization.)  Special Handling (if applicable)  15 Was clent notified of all discreptancies with this onter?  Person Notified:  Dy Wham.  Proportion   Propor	3,ls≩deanwh	al analyses w	ere requestori	?				/	
Special Handling (if applicable)   15 Was clean notified of all discreptancies with this onter?   Yee   No   NA						Yes 🕅	Ne I	Checked by	3/29/22
Person Notified:  Dy Wham.  Via  eMail Plane For In Person  Regarding  Chant Instructions.  16. Additional remarks:  17. Coaler Information	pecial Hand	lling (if app	olicable)					0.0	9161140
Dy Whain. Via  eMail  Phone  For  Ir Person Regarding Count Instructions.  16. Additional remarks:  17. Cooler Information	5 Was client r	notřieú of ali d	iscoeposocies (	with this order?		Yee 🗆	No □	NA 🗹	
Regarding Chent Instructions  16. Additional remarks:  17. Cooler Information	Perso	n Notified:			Date:	-			
16. Additional remarks:  17. Cooler Information	Dy Wi	hairi.		-	Via 🗇	eMail [	Plione 🗀 Fis	□ In Person	
16. Additional remarks:  17. Cooler Information	_	-							
17. Cooler Information	Ctent	Instruziona.							
	l 6. Addikional i	erpaikst							
DANIDI NO 1 (AMB YC ) Contribute. Considerate Contribute Contribute 1 (Alexander)	7. <u>Coaler Info</u> Cooler N		i Careliline.	Carl Indust Co	el No. 1 S.	esi Date	Skmed By		
Coolor No Temp C Condition Seal Infact Seal No Seal Date Signed By  1 99 Good Yes Monty	-					on Daie	- Olymad by		

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallcrwironmental.com 4901 Hawkins NE - Afbuquenque, NM 97109 —el. 605-345-3675 Fax 503-345-4107 Analysis Request	Collect   TMR's (8021)   Collect	s possibility. Any sub-contract(\$106)9 will be already notated on the stratytical report.
Chain-of-Custody Record Tum-Anound Time:  Client: FOL (1650x C25)  Distance Bush 48 Htv  (16x14xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	Standard   Sent   Sen	Independent sampler submitter to Hall devicemental may be autocatificated as particles and as not obtained to be not be controlled to the submitted obtained and the submitted obtained to the submitted



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, 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:

RE: Platt PA Battery OrderNo.: 2304077

Dear Chance Dixon:

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,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: WES23-56 0-4' Project: Platt PA Battery Collection Date: 3/31/2023 11:00:00 AM Received Date: 4/4/2023 7:25:00 AM Lab ID: 2304077-001 Matrix: SOIL

Analyses	Result	RL (	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	4/5/2023 8:42:59 PM	74150
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	t: DGH
Diesel Range Organics (DRO)	270	9.6	mg/Kg	1	4/6/2023 4:29:20 PM	74121
Motor Oil Range Organics (MRO)	480	48	mg/Kg	1	4/6/2023 4:29:20 PM	74121
Surr. DNOP	103	69-147	%Rec	1	4/6/2023 4:29:20 PM	74121
<b>EPA METHOD 8015D: GASOLINE RANGE</b>					Analys	t: JJP
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	4/5/2023 12:11:09 PM	74113
Surr. BFB	98.5	37.7-212	%Rec	1	4/5/2023 12:11:09 PM	74113
EPA METHOD 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
Ethylbenzene	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
Surr: 4-Bromofluorobenzene	85.6	70-130	%Rec	1	4/5/2023 12:11:09 PM	74113

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

- Value exceeds Maximum Contaminant Level.

  D Sample Diluted Due to Matrix

  H Holding times for preparation or analysis exceeded

  NO Not Detected at the Reporting Limit

  PQL Practical Quantitative Limit

  S % Recovery conside of standard limits. If undiluted results may be experienced.
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

Page 1 of 7

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BES23-42 4'

Project: Platt PA Battery Collection Date: 3/31/2023 11:05:00 AM Lab ID: 2304077-002 Matrix: SOIL Received Date: 4/4/2023 7:25:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	61	mg/Kg	20	4/5/2023 9:20:02 PM	74150
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: DGH
Diesel Range Organics (DRO)	240	9.6	mg/Kg	1	4/6/2023 5:01:31 PM	74121
Motor Oll 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 RANGE					Analyst	: JJP
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/5/2023 12:34:56 PM	74113
Surr. BFB	100	37.7-212	%Rec	1	4/5/2023 12:34:56 PM	74113
EPA METHOD 8021B: VOLATILES					Analyst	: 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

- Value exceeds Maximum Contaminant Level.
  D Sample Dibried Due 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 standard limits. If undibried results may be e
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

- - Page 2 of 7

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BES23-43 4'

Project: Platt PA Battery Collection Date: 3/31/2023 11:10:00 AM Lab ID: 2304077-003 Matrix: SOIL Received Date: 4/4/2023 7:25:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	4/5/2023 9:32:23 PM	74150
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: DGH
Diesel Range Organics (DRO)	250	10	mg/Kg	1	4/6/2023 5:33:44 PM	74121
Motor Oil Range Organics (MRO)	590	50	mg/Kg	1	4/6/2023 5:33:44 PM	74121
Surr. DNOP	102	69-147	%Rec	1	4/6/2023 5:33:44 PM	74121
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: JJP
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	4/5/2023 12:58:38 PM	74113
Surr. BFB	100	37.7-212	%Rec	1	4/5/2023 12:58:38 PM	74113
EPA METHOD 8021B: VOLATILES					Analyst	: 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
Surr: 4-Bromofluorobenzene	87.2	70-130	%Rec	1	4/5/2023 12:58:38 PM	74113

- Value exceeds Maximum Contaminant Level.

  D Sample Diluted Due to Matrix

  H Holding times for preparation or analysis exceeded

  NO Not Detected at the Reporting Limit

  PQL Practical Quantitative Limit

  S % Recovery conside of standard limits. If undiluted results may be experienced.
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

- Page 3 of 7

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BES23-44 4'

Project: Platt PA Battery Collection Date: 3/31/2023 11:15:00 AM Lab ID: 2304077-004 Matrix: SOIL Received Date: 4/4/2023 7:25:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	4/5/2023 9:44:44 PM	74150
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				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 RANGE					Analys	t: JJP
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/5/2023 1:22:21 PM	74113
Surr. 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

- Value exceeds Maximum Contaminant Level.
  D Sample Dibried Due 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 standard limits. If undibried results may be e
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

  - - Page 4 of 7

10-Apr-23

## QC SUMMARY REPORT

### Hall Environmental Analysis Laboratory, Inc.

Client: Platt PA Battery Project:

Sample ID: MB-74150 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 74150 RunNo: 95824

Prep Date: 4/5/2023 Analysis Date: 4/5/2023 SeqNo: 3468743 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit

Sample ID: LCS-74150 SampType: lcs TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 74150 RunNo: 95824

Analysis Date: 4/5/2023 SeqNo: 3468744 Units: mg/Kg Prep Date: 4/5/2023

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

1.5 15.00 0 95.1

- Value exceeds Maximum Contaminant L Sample District Due to Matrix Holding times for preparation or analysis Not Detected at the Reporting Limit

- Practical Quantitative Limit % Recovery outside of standard limits. If undiluted re
- Analyte detected in the associated Method II Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pH Not In Range

Page 5 of 7

10-Apr-23

## QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Project: Platt PA Battery

Sample ID: Ics-74113 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 74113 RunNo: 95822 Prep Date: 4/4/2023 Analysis Date: 4/5/2023 SeqNo: 3468624 PQL SPK value SPK Ref Val %REC LowLimit 25.00 85.8 Surr. BFB 1900 1000 37.7 212

Sample ID: mb-74113	SampT	ype: ME	BLK	Tes	tCode: EF						
Client ID: PB\$	Batch	ID: 74	113	RunNo: 95822							
Prep Date: 4/4/2023	Analysis D	ate: 4/	5/2023	SeqNo: 3468626			Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual	
Gasoline Range Organics (GRO)	ND	5.0									
C DED	4000		1000		100	27.7	242				

- Value exceeds Maximum Contaminant Level.
  Sample Ditated Due to Matrix
  Holding times for preparation or analysis enceede
  Not Detected at the Reporting Limit
  Practical Quantitative Limit
  % Recovery outside of standard limits. If undilute

- Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pH Not In Range

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10-Apr-23

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Project: Platt PA Battery

Sample ID: LCS-74113	Samp1	Type: LC	S	Tes	TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS	Batc	h ID: 741	113	F	RunNo: 9	5822				
Prep Date: 4/4/2023	Analysis [	Date: 4/	5/2023		SeqNo: 34	468661	Units: mg/K			
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	Samp1	ype: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volatiles				
Client ID: PB\$	Batch	h ID: 741	113	F	RunNo: 9	5822					
Prep Date: 4/4/2023	Analysis D	)ate: 4/	5/2023	SeqNo: 3468662			Units: mg/K				
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	0.87		1.000		87.3	70	130				

- Value exceeds Maximum Contamina Sample Dibried Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantative 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

Page 7 of 7



Bull Conservemental Asserptio Learnings 1900 Hearling Mr. Olimpurgus, 214 47 (02) TES: 505-145-1975 F.C. 595-245-4 (07) Websin: www.hallenvirosmizital.com

# Sample Log-In Check List

Client Name. EOG		Work Order Num	ber: 2304077		ReptNo: 1
Received By: Juan Re	ojas	4/4/2023 7:25:00 A	м	formatify.	
	vingstan	4M/2023 8:01:55 A	M.	lysonetyje Samlarje	-/-
калеменну дл Ч	lidzz			. src-4 je	··
Chain of Custody					(1
1. Is Chain or Cristody con	iplete?		Yes 🖭	№ Ц	Not Present [ ]
2. How was the sample de	Ivered?		Со <u>чпе</u> т		
<u>Log in</u> 3. Was an edemptimede to	cool the samples?		Yes 🗹	No 🗆	<b>MA</b> []
4. Word all samples receiv	ac at a temperatura	of 20°C to 60°C	Yes M	Мо ∐	NA I I
S Garngče(s) in proper con	tainer(s)?		Yes M	No II	
යි. Sulf de it sample volume	e for imlicated test(s)	17	Yes 💌	No _	
7. Are samples (except VO			Yes 📈	Na I i	
B. Was preservative added	to balties?		Yes [.	No ₹	na 📙
9. Received at least 1 vial v	villi headspace < 1/4	for AQ VOA?	Yes 🗔	No   1	NA ☑
1() Were any sample contai	nera received broke	rt?	үөз ∐	No 22   ,	of preserved
11. Does paperwork match k (Note discrepancies un d			Y9% 🗹	_   t	or pet f<2 cr >12 unless noted
Are matrices currently id:		Custody?	Yes 🖊	Na ∐	Adjustec?
3   laid clinar what analyses		,	Yes 🔽	No 🗆	/
14. Were all holding times al			Yes 🕟	No I	Checked by:
(If no, solify qualonter las	( Auil orization.)			/	11 4/4/23
Special Handling (if a)	plicable)				
15. Was <b>client notifie</b> s of all	discrepances with I	his order?	ras L	Mo 📙	NA i₹
Person Notified:	1	Date			
Sy Whom:		VIa.	□ eMal □ P	hone   Fax	In Person
Regarding:					
Client Instructions	. )	-			
16 Additional remarks:					
17. Cooler Information					
Soaler Na Teing <sup>e</sup>		at Intact See No	Seel Date	Signed By	
11 0.7	Good Not	Present ,Morry			

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4801 Hewkins NE - Albuquerque. NM 87109 Tel. 505-345-3875 Fax 505-345-4107 Analysis Request	Total Coliform (Present/Absent)	24.5
MALL ENVIRON INALYSIS LABC INALHAIIENVICONMENTALCOM INS NE - Albuquerque, NM E 15-3975 Fax 505-345-41 Analysis Request	(AOV) (AOV) (AOV) (AOV) (AOV)	Shance Dispose
VALY VALY VACABler VACABLE SBT6 Ans	PAHs by 8310 or 82705IMS RCRA 8 Meials (D)F, Br, NOs, NOs, PO4, SO4	*****
######################################	EDB (Method 504.1)	3
4901	TPH:8015D(GRO / DRO / MRC) 3031 Pesticides/3082 PCB's	Semarks:
LM-Around Time: Standard Barush 48hr neck Name: Platt PA Battery nect # 22E-BO123 Plase 24	Dixord Seins JNG U.B.C. I. C. J.C.	000 000 000 000 000 000 000 000 000 00
Tum-Kround Time: Standerd Kroun 484, Project Name: Project # 22E-20133 Project	Project Menage:  Sample: Huntary Mon Coolers:  Coolers: A Yes  Cooler Temp: Manager;  Conteiner Preservative  Type and # Type	Hora It.
Second	aldetlon)	TITI
Chain-of-Custody Rec COM (Vector)  E Address: Du Trile  =#:	D Level 4 (F	16523-42 16523-42 16523-43 16523-44 16523-44 16523-44 16523-44 16523-44
Syl (1)		<b>√14</b>
Clent: EOB Mailing Address:	email or Fax#:  QA/QC Packsgar  QA/QC Packsgar  Q Standard  Accreditation:  D NELAC  D EDD (Type)	33343 1198 11.10 1



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

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: WS23-57 4ft Project: Platt PA Battery Collection Date: 4/4/2023 1:00:00 PM Received Date: 4/6/2023 7:22:00 AM 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 RANGE ORG	GANICS				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 RANGE					Analyst	: JJP
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	4/8/2023 10:34:49 PM	74179
Surr. 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

- Value exceeds Maximum Contaminant Level.
  D Sample Dibried Due to Matrix
  H Holding times for preparation or analysis exceeded
  ND Not Detected at the Reporting Limit
  PQL Practical Quantizative Limit
  S % Recovery outside of standard limits. If undiluted results may be e
- B Analyte detected in the associated Method Blank
  E Above Quartization Range/Estimated Value
  J Analyte detected below quartization limits
  P Sample pH Not in Range
  RL. Reporting Limit

- Page 1 of 5

12-Apr-23

## QC SUMMARY REPORT

### Hall Environmental Analysis Laboratory, Inc.

Client: Platt PA Battery Project:

Sample ID: MB-74211 SampType: mblk TestCode: EPA Method 300.0: Anions Client ID: PBS Batch ID: 74211 RunNo: 95862

Prep Date: 4/7/2023 Analysis Date: 4/7/2023 SeqNo: 3471550 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit

Sample ID: LCS-74211 SampType: lcs TestCode: EPA Method 300.0: Anions Client ID: LCSS Batch ID: 74211 RunNo: 95862

Prep Date: 4/7/2023 Analysis Date: 4/7/2023 SeqNo: 3471551 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 1.5 15.00 0 96.9

- Value exceeds Maximum Contaminant L Sample District Due to Matrix Holding times for preparation or analysis Not Detected at the Reporting Limit

- Practical Quantitative Limit % Recovery outside of standard limits. If undiluted re
- Analyte detected in the associated Method B Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pH Not In Range

Page 2 of 5

## QC SUMMARY REPORT

### Hall Environmental Analysis Laboratory, Inc.

Client:	EOG
Project:	Platt PA Battery

Sample ID: LCS-74202 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 74202 RunNo: 95894 Prep Date: 4/7/2023 Analysis Date: 4/10/2023 SeqNo: 3472132 Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Surr. DNOP

Sample ID: MB-74202 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PB\$ Batch ID: 74202 RunNo: 95894 Prep Date: 4/7/2023 Analysis Date: 4/10/2023 SegNo: 3472133 Units: %Rec Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLImit Analyte Surr: DNOP 10.00 87.2

Sample ID: MB-74198 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PB\$ Batch ID: 74198 RunNo: 95898 Prep Date: 4/7/2023 Analysis Date: 4/10/2023 SeqNo: 3472268 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Result Diesel Range Organics (DRO) 10 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 8.3 10.00 83.4 69 147

Sample ID: LCS-74198	SampT	\$	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch	1ID: 74	198	F	RunNo: 9	5898						
Prep Date: 4/7/2023	Analysis D	ate: 4/	10/2023		SeqNo: 34	472269	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual		
Diesel Range Organics (DRO)	46	10	50.00	0	91.8	61.9	130					
Sure DNOP	4.4		5.000		88.5	69	147					

- Value exceeds Maximum Contaminant Sample Diluted Due to Matrix Holding times for preparation or analys Not Detected at the Reporting Limit
- Practical Quantitative Limit
  % Recovery outside of standard limits. If undiluted a
- Above Quantitation Range/Estimated Value Analyte detected below quantitation limits
- Analyte detected below que Sample pH Not In Range

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WO#:

2304260

12-Apr-23

## QC SUMMARY REPORT

### Hall Environmental Analysis Laboratory, Inc.

Client: Platt PA Battery Project:

Sample ID: Ics-74179 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 74179 RunNo: 95869

Prep Date: 4/6/2023 Analysis Date: 4/8/2023 SeqNo: 3471789 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit

23 25.00 90.2 130 1900 185 Surr. BFB 1000 37.7 212

Sample ID: mb-74179 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 74179 RunNo: 95869 Prep Date: 4/6/2023 Analysis Date: 4/8/2023 SeqNo: 3471791 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual ND 5.0

Gasoline Range Organics (GRO) Surr. BFB 970 1000 212 96.7 37.7

- Value exceeds Maximum Contamin Sample Dibried Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit

- Practical Quantitative Limit % Recovery outside of standard limits. If undilus

- Above Quantitation Range/Estimated Value Analyte detected below quantitation limits Sample pH Not In Range

Page 4 of 5

WO#:

2304260

12-Apr-23

12-Apr-23

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Project: Platt PA Battery

Sample ID: LCS-74179 Client ID: LCSS	SampType: LCS Batch ID: 74179			TestCode: EPA Method 8021B: Volatiles RunNo: 95869						
Prep Date: 4/6/2023	Analysis (				SeqNo: 34		Units: mg/K	g		
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	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles							
Client ID: PB\$	Batch ID: 74179			RunNo: 95869							
Prep Date: 4/6/2023	Analysis D	)ate: 4/	8/2023	SeqNo: 3473503 Units: I			Units: mg/K	ıg/Kg			
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	0.83		1.000		83.3	70	130				

- Value exceeds Maximum Contamina Sample Dibried Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantative 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

Page 5 of 5



Hall invitationeenkii Americus Laboratory 1901 Hankius NE 2004 Hankius NE 2004 - 2004 Hankius New 1907 1760 - 2004 Halliots (commented com

# Sample Log-In Check List

Client Name: EGG Wurk Order	Життэрг. 23042 <b>6</b> 0		RepeNo: 1	
Received By. Tracy Casarrubiae 4/6/2023 7:22	:OP AM			
Completed By: Tracy Casarrubias 4/6/2023 7:43	:20 AM			
Reviewed By. STILL UKE 127				
Chain of Custo <u>dy</u>				
1 Is Chath of Custody complete?	yes 🗆	No 🗹	Nat Present 🗍	
2. How was the sample delivered?	Courter			
<u>Log In</u> 2. Was an alternal mode to contithe samples?	Yes ☑	No I I	NA : I	
- Vida dii dikingi inida 27000 ini sangaray	162 182	112 1 1	1601.1	
4. Were all samples received at a temperature of $>0^\circ$ C to 6.0°	୯ 🚧 🛂	No □	NA 🗆	
5. Sample(s) in proper cod/siner(s)?	Yes 🗹	No 🗆		
6 Sufficient sample volume for indicated lest(s)?	Yes 🗹	No. [		
7. Are samples (except VOA and ONG) properly preserves?	Yes 😾	No 🗀		
B. Was preservative added to bolitics?	Yes	No 🚾	ма Ц	
9. Received at least 1 vial with handagede <501 for AQ VOA?	Yes	ا ملا	MA 🗹	
(), Were any astropic constituents received broken?	Yes 🗆	No VI i	≠ of preserved	1
Doos beparwork match builte labefs?    (Note discrepancies on chain of outlody)	yea 🗷	א∘ נַ	botilles checked for pH: (<2 or >12 unless note:	e)
2. Are matrices correctly identified on Chain of Custody?	Yes 🗹	No 🗆	Adjusted?	
3, is it clear what analyses were requested?	Yee 🗹	No l'Ì	* *	
4. Were &I holding times able to be more (If no, nutify oustomer far authorostice.)	Yes 🗸	Np∐	Checked by: JAY/6/7	2.3
pecial Handling (if applicable)				
5. Was cliere notified of all discrepancies with this critic?	Yes 🗔	No □	IV AN	
Person Notified:	Date:			
Sy Winten.	Via □ eMail □	Phone 🗌 Fax	In Persor	
Regarding:				
Client Instructions: Missing mailing address, phone n	umber and email on i	ine COC: TMC 4	8/2/3	
1S. Additional remarks.				
17. Cooler Information				
	No Seal Date	Signed By		
Cooler No Tramp % Condition Seal Infact: Seal if 2.6 Condition Yes Monty				

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4801 Hawkins NE Abuquorquo, NM 87103 Tal. 505-845-3875 Fax 505 345 4107 Analysis Request	8084 Pesticides O VDRO VDRO MRQ) 8084 Pesticides 6082 POB's BDB (Method 504.1) RCRA 8 Metals RCRA 8 Metals (3) F., Br., NO., NO., PO., SO., 8260 (VOA) 8260 (VOA) 8270 (Somi-YOA) Total Collionn (Prosont/Absent)	inks:	CC: Chowco Dixon & Bodriguez Divect Bill to EOG
1 um-Around Time:  E. Standard KRush UB HV.  Project Name:  Project #:  12E-00123-14	Preservative HEAL No. (17) (18) (18) (18) (18) (18) (18) (18) (18		1982 1982 123
Client: ECC. Resources  Mailing Address: CA. File Phane #:	Peckage:  Odard  Olietian: Az Complience  LAC Other  D (Type)  Time   Matrix   Sample Name	Fail WSB-FT	Hay with the Realinquier of by:    All the county of the atom



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

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-10 0'

Project: Platt Battery Collection Date: 7/12/2022 9:30:00 AM Received Date: 7/14/2022 7:00:00 AM Lab ID: 2207651-001 Matrix: SOIL

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 RANGE OR	GANICS					Analys	t: SB
Diesel Range Organics (DRO)	980	150		mg/Kg	10	7/18/2022 6:23:44 PM	68825
Motor Oll Range Organics (MRO)	2200	500		mg/Kg	10	7/18/2022 6:23:44 PM	68825
Surr: DNOP	0	51.1-141	S	%Rec	10	7/18/2022 6:23:44 PM	68825
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/18/2022 6:46:05 PM	68814
Surr. 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

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

- Value exceeds Maximum Contaminant Level.
  Sample Dibuted Due to Matrix
  Holding times for preparation or analysis exceede
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of range due to dilution or ma

- B Analyte detected in the associated Method Blank
  E Estimated value
  J Analyte detected below quantitation limits
  P Sample DI Not in Range
  RL. Reporting Limit
- - Page 1 of 15

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-10 2'

Project: Platt Battery Collection Date: 7/12/2022 9:35:00 AM Received Date: 7/14/2022 7:00:00 AM Lab ID: 2207651-002 Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: JTT
Chloride	1100	60		mg/Kg	20	7/19/2022 1:35:12 PM	68889
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analys	t: SB
Diesel Range Organics (DRO)	830	140		mg/Kg	10	7/18/2022 7:11:45 PM	68825
Motor Oll Range Organics (MRO)	1300	470		mg/Kg	10	7/18/2022 7:11:45 PM	68825
Surr: DNOP	0	51.1-141	S	%Rec	10	7/18/2022 7:11:45 PM	68825
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/18/2022 7:10:07 PM	68814
Surr. 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

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

- Value ecceseds Maximum Contaminant Level.
  Sample Dibried Due to Matrix.
  Holding times for preparation or analysis ecceeded.
  Not Detected at the Reporting Limit
  Practical Quantitative Limit.
  % Recovery outside of range due to dibrion or ma

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

Page 2 of 15

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-10 4'

Project: Platt Battery Collection Date: 7/12/2022 9:40:00 AM Received Date: 7/14/2022 7:00:00 AM Lab ID: 2207651-003 Matrix: SOIL

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 1:47:36 PM	68889
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analys	t: SB
Diesel Range Organics (DRO)	270	73	mg/Kg	5	7/19/2022 10:51:02 AM	68825
Motor Oll Range Organics (MRO)	440	240	mg/Kg	5	7/19/2022 10:51:02 AM	68825
Surr: DNOP	100	51.1-141	%Rec	5	7/19/2022 10:51:02 AM	68825
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/18/2022 7:34:10 PM	68814
Surr. BFB	107	37.7-212	%Rec	1	7/18/2022 7:34:10 PM	68814
EPA METHOD 8021B: VOLATILES					Analys	t: 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

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

- Value exceeds Maximum Contaminant Level.
  Sample Dibuted Due to Matrix
  Holding times for preparation or analysis exceede
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of range due to dilution or ma
- B Analyte detected in the associated Method Blank
  E Estimated value
  J Analyte detected below quantitation limits
  P Sample DI Not in Range
  RL. Reporting Limit

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-11 0'

Project: Platt Battery Collection Date: 7/12/2022 9:45:00 AM Received Date: 7/14/2022 7:00:00 AM Lab ID: 2207651-004 Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JTT
Chloride	1400	60	mg/Kg	20	7/19/2022 2:49:40 PM	68889
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analys	t: SB
Diesel Range Organics (DRO)	48	15	mg/Kg	1	7/19/2022 12:02:50 PM	68825
Motor Oll Range Organics (MRO)	110	50	mg/Kg	1	7/19/2022 12:02:50 PM	68825
Surr. DNOP	94.7	51.1-141	%Rec	1	7/19/2022 12:02:50 PM	68825
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/18/2022 7:58:13 PM	68814
Surr. 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

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

- Value exceeds Maximum Contaminant Level.
  Sample Dibuted Due to Matrix
  Holding times for preparation or analysis exceede
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of range due to dilution or ma

- B Analyte detected in the associated Method Blank
  E Estimated value
  J Analyte detected below quantitation limits
  P Sample DI Not in Range
  RL. Reporting Limit
- - Page 4 of 15

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-11 4'

Project: Platt Battery Collection Date: 7/12/2022 9:55:00 AM Lab ID: 2207651-005 Matrix: SOIL Received Date: 7/14/2022 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: JTT
Chloride	1100	60		mg/Kg	20	7/19/2022 3:02:04 PM	68889
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analys	t: SB
Diesel Range Organics (DRO)	5100	150		mg/Kg	10	7/18/2022 8:47:44 PM	68825
Motor Oll Range Organics (MRO)	3300	490		mg/Kg	10	7/18/2022 8:47:44 PM	68825
Surr: DNOP	0	51.1-141	S	%Rec	10	7/18/2022 8:47:44 PM	68825
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: NSB
Gasoline Range Organics (GRO)	120	24		mg/Kg	5	7/18/2022 8:22:05 PM	68814
Surr. 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

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

- Value exceeds Maximum Contaminant Level.
  Sample Dibuted Due to Matrix
  Holding times for preparation or analysis exceede
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of range due to dilution or ma

- B Analyte detected in the associated Method Blank
  E Estimated value
  J Analyte detected below quantitation limits
  P Sample DI Not in Range
  RL. Reporting Limit
- - Page 5 of 15

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-11 12' Project: Platt Battery Collection Date: 7/12/2022 2:00:00 PM Received Date: 7/14/2022 7:00:00 AM Lab ID: 2207651-006 Matrix: SOIL

Analyses	Result	RL (	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JTT
Chloride	1600	60	mg/Kg	20	7/19/2022 3:14:29 PM	68889
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analys	t: SB
Diesel Range Organics (DRO)	590	71	mg/Kg	5	7/20/2022 2:25:55 PM	68859
Motor Oll Range Organics (MRO)	380	240	mg/Kg	5	7/20/2022 2:25:55 PM	68859
Surr: DNOP	110	51.1-141	%Rec	5	7/20/2022 2:25:55 PM	68859
<b>EPA METHOD 8015D: GASOLINE RANGE</b>	<b>=</b>				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

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

- Value exceeds Maximum Contaminant Level.
  Sample Dibuted Due to Matrix
  Holding times for preparation or analysis exceede
  Not Detected at the Reporting Limit
  Practical Quantative Limit
  % Recovery outside of range due to dilution or ma

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

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-12 0'

Project: Platt Battery Collection Date: 7/12/2022 1:00:00 PM Received Date: 7/14/2022 7:00:00 AM Lab ID: 2207651-007 Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: JTT
Chloride	73	60		mg/Kg	20	7/19/2022 3:26:54 PM	68889
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analys	t: SB
Diesel Range Organics (DRO)	990	150		mg/Kg	10	7/19/2022 4:01:44 PM	68859
Motor Oil Range Organics (MRO)	1900	500		mg/Kg	10	7/19/2022 4:01:44 PM	68859
Surr. DNOP	0	51.1-141	S	%Rec	10	7/19/2022 4:01:44 PM	68859
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/18/2022 8:55:00 PM	68819
Surr. 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

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

- Value ecceseds Maximum Contaminant Level.
  Sample Dibried Due to Matrix.
  Holding times for preparation or analysis ecceeded.
  Not Detected at the Reporting Limit
  Practical Quantitative Limit.
  % Recovery outside of range due to dibrion or ma

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

Page 7 of 15

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-12 4'

Project: Platt Battery Collection Date: 7/12/2022 1:10:00 PM Received Date: 7/14/2022 7:00:00 AM Lab ID: 2207651-008 Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: ЛТ
Chloride	1200	60		mg/Kg	20	7/19/2022 3:39:18 PM	68889
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	: SB
Diesel Range Organics (DRO)	7400	140		mg/Kg	10	7/19/2022 5:12:56 PM	68859
Motor Oll Range Organics (MRO)	3200	460		mg/Kg	10	7/19/2022 5:12:56 PM	68859
Surr: DNOP	0	51.1-141	S	%Rec	10	7/19/2022 5:12:56 PM	68859
EPA METHOD 8015D: GASOLINE RANGE						Analyst	BRM
Gasoline Range Organics (GRO)	410	25		mg/Kg	5	7/18/2022 9:55:00 PM	68819
Surr. BFB	413	37.7-212	S	%Rec	5	7/18/2022 9:55:00 PM	68819
EPA METHOD 8021B: VOLATILES						Analyst	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

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

- Value ecceseds Maximum Contaminant Level.
  Sample Dibried Due to Matrix.
  Holding times for preparation or analysis ecceeded.
  Not Detected at the Reporting Limit
  Practical Quantitative Limit.
  % Recovery outside of range due to dibrion or ma
- B Analyte detected in the associated Method Blank
  E Estimated value
  J Analyte detected below quantitation limits
  P Sample DI Not in Range
  RL. Reporting Limit

Page 8 of 15

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-12 7'

Project: Platt Battery Collection Date: 7/12/2022 1:20:00 PM Received Date: 7/14/2022 7:00:00 AM Lab ID: 2207651-009 Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: ЛТ
Chloride	600	60		mg/Kg	20	7/19/2022 3:51:42 PM	68889
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	t: SB
Diesel Range Organics (DRO)	590	14		mg/Kg	1	7/19/2022 6:00:32 PM	68859
Motor Oli Range Organics (MRO)	270	46		mg/Kg	1	7/19/2022 6:00:32 PM	68859
Surr: DNOP	0	51.1-141	S	%Rec	1	7/19/2022 6:00:32 PM	68859
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst	: BRM
Gasoline Range Organics (GRO)	500	24		mg/Kg	5	7/18/2022 10:14:00 PM	68819
Surr. 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

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

- Value ecceseds Maximum Contaminant Level.
  Sample Dibried Due to Matrix.
  Holding times for preparation or analysis ecceeded.
  Not Detected at the Reporting Limit
  Practical Quantitative Limit.
  % Recovery outside of range due to dibrion or ma

- B Analyte detected in the associated Method Blank
  E Estimated value
  J Analyte detected below quantitation limits
  P Sample DI Not in Range
  RL. Reporting Limit
- - Page 9 of 15

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Project: Platt Battery

SampType: mblk Sample ID: MB-68889 TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 68889 RunNo: 89628

Prep Date: 7/19/2022 Analysis Date: 7/19/2022 SeqNo: 3191050 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit

Sample ID: LCS-68889 SampType: lcs TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 68889 RunNo: 89628

Prep Date: 7/19/2022 Analysis Date: 7/19/2022 SeqNo: 3191051 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

1.5 15.00 0 91.9

- Value exceeds Maximum Contaminant Level. Sample Ditried Due to Matrix Holding times for preparation or analysis excee Not Detected at the Reporting Limit
- Practical Quantitative Limit % Recovery outside of range due to dilution or n
- B Analyte detected E Estimated value
- Analyte detected below quantitation limits Sample pH Not in Range

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WO#:

2207651

25-Jul-22

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

											25-741-22
Client:	EOG										
Project:	Platt Batte	ry									
Sample ID: N	MB-68848	SampT	ype: ME	BLK	Tee	tCode: El	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: P	PBS	Batch	ID: 688	348	F	RunNo: 8	9573			•	
Prep Date:	7/18/2022	Analysis D	ate: 7/	18/2022		SeqNo: 3	188497	Units: %Red	:		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Surr. DNOP		7.3		10.00		73.1	51.1	141			
Sample ID: L	C6-C8848	Come?	ype: LC	e	Too	fCode: El	0A Mathod	8015M/D: Die	ool Panna	Ornanica	
Client ID: L			ID: 688			RunNo: 8		OUTSINED. DIE	ooi italige	Organico	
Preo Date:		Analysis D				SegNo: 3		Units: %Rec			
	77102022										-
Analyte Surr DNOP		Result 3.0	PQL	5.000	SPK Ref Val	%REC 60.5	LowLimit 51.1	HighLimit 141	%RPD	RPDLImit	Qual
Sample ID: N			ype: ME					8015M/D: Die	sel Range	Organics	
Client ID: P			ID: 688			RunNo: 8					
Prep Date:	7/16/2022	Analysis D	ate: 7/	18/2022	;	SeqNa: 3	189637	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Diesel Range On		ND	15 50								
Motor Oil Range ( Surr. DNOP	Organics (MNO)	ND 7.3	50	10.00		72.6	51.1	141			
		1.0		10.00		12.0	01.1	141			
Sample ID: L			ype: LC					8015M/D: Die	sel Range	Organics	
Client ID: L		Batch	ID: 688	325	F	RunNo: 8	9573				
Prep Date:	7/16/2022	Analysis D	ate: 71	18/2022	,	SeqNa: 3	189638	Units: mg/K	g		
Analyte		Result	PQL		SPK Ref Val		LowLimit	HighLimit	%RPD	RPDLImit	Qual
Diesel Range Org	ganics (DRO)	38	15	50.00	0	76.1	64.4	127			
Surr. DNOP		3.7		5.000		73.3	51.1	141			
Sample ID: N	MB-68859	SampT	уре: МЕ	BLK	Tes	tCode: El	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: P	PBS	Batch	ID: 688	859	F	RunNo: 8	9602				
Prep Date:	7/18/2022	Analysis D	ate: 7/	19/2022		SeqNo: 3	191340	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Diesel Range Org		ND	15								
Motor Oil Range Surr. DNOP	Organics (MRO)	ND 5.3	50	10.00		53.1	51.1	141			
SUP: UNUP		5.3		10.00		53.1	51.1	141			
Sample ID: L	CS-68859	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: L	CSS	Batch	ID: 688	859	F	RunNo: 8	9602				
Prep Date:	7/18/2022	Analysis D	ate: 71	19/2022	:	SeqNa: 3	191341	Units: mg/K	g		

- Value exceeds Maximum Contamina Sample Dibried Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantitative Limit % Recovery outside of range due to

PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit

- Analyte detected in the ass Estimated value Analyte detected below qu Sample pH Not In Range

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WO#:

2207651

25-Jul-22

2207651

25-Jul-22

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Project: Platt Battery

Sample ID: LCS-68859	SampT	ype: LC	S	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch	Batch ID: 68859 RunNo: 89602								
Prep Date: 7/18/2022	Analysis D	ate: 71	19/2022	SeqNo: 3191341			341 Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Diesel Range Organics (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	SampTyp	e: MBLK	TestCode	8015M/D: Dies	el Range	Organics		
Client ID: PB\$	Batch II	D: 68860	RunNo	89602				
Prep Date: 7/18/2022	Analysis Dat	e: 7/19/2022	SeqNo	3191354	Units: %Rec			
Analyte	Result	PQL SPK value	SPK Ref Val %R	C LowLimit	HighLimit	%RPD	RPDLImit	Qual
Surr. DNOP	5.6	10.00	5	i.9 51.1	141			

Sample ID: LCS-68860	SampT	SampType: LC\$ TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch	ID: 68	860	F	RunNo: 8	9642				
Prep Date: 7/18/2022	Analysis D	ate: 71	20/2022	SeqNo: 3192049			Units: %Rec	:		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Sure DNOP	5.0		5,000		100	51.1	141			

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

- Analyte detected in the ass Estimated value Analyte detected below qu Sample pH Not In Range

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2207651

25-Jul-22

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client:	EOG
Project:	Platt Battery

Sample ID: Ics-68819	SampT	ype: LC	S	Tes	TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch	Batch ID: 68819 RunNo				InNo: 89553				
Prep Date: 7/15/2022	Analysis D	ate: 7/	18/2022	SeqNo: 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			Tes	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch	ID: 688	819	F	RunNo: 89553						
Prep Date: 7/15/2022	Analysis D	ate: 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	SampT	SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PB\$	Batch	1 ID: 688	B14	RunNo: 89576						
Prep Date: 7/15/2022	Analysis D	)ate: 7/	18/2022	5	SeqNa: 31	189011	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	1100		1000		107	37.7	212			

Sample ID: Ics-68814	SampT	SampType: LC\$			tCode: EF					
Client ID: LCSS	Batch	Batch ID: 68814 RunNo: 89576								
Prep Date: 7/15/2022	Analysis D	ate: 7/	18/2022	SeqNo: 3189012			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	72.3	137			
Surr. BFB	2000		1000		197	37.7	212			

Sample ID: mb-68831	SampType: MBLK	SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PB\$	Batch ID: 68831	RunNo: 89576						
Prep Date: 7/16/2022	Analysis Date: 7/19/2022	SeqNo: 3189059	Units: %Rec					
Analyte	Result PQL SPK v	lue SPK Ref Val %REC LowLi	mit HighLimit %RPD	RPDLImit Qual				
Come RER	00n 1	nn 99.2 3	77 212					

Sample ID: Ics-68831	SampType: L0	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 68	831	F	RunNo: 8	9576					
Prep Date: 7/16/2022	Analysis Date: 7	119/2022	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				

- Value exceeds Maximum Contaminant Sample Dibried Due to Matrix Holding times for preparation or analys Not Detected at the Reporting Limit Practical Quantative Limit % Recovery outside of range due to di

- Analyte detected in the associated Method
   Estimated value
   Analyte detected below quantitation limits
   Sample pH Not in Range

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25-Jul-22

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client:	EOG
Project:	Platt Battery

Sample ID: Ics-68819 Client ID: LCSS Prep Date: 7/15/2022		Type: LC: h ID: 688 Date: 71	819	F	tCode: EF RunNo: 85 SeqNo: 31	9553	od 8021B: Volatiles  Units: mg/Kg			
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	Samp1	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	198		
Client ID: PBS	Batcl	h ID: 688	819	RunNo: 89553						
Prep Date: 7/15/2022	Analysis D	Date: 7/	18/2022		SeqNo: 31	188864	Units: mg/Kg			
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	0.82		1.000		82.1	70	130			

Sample ID: mb-68814	Samp	Гуре: МЕ	BLK	Tes	tCode: EF	les					
Client ID: PBS	Bato	h ID: 688	814 RunNo: 8957			9576					
Prep Date: 7/15/2022	Analysis I	Date: 71	18/2022	2 SeqNo: 3189074 L				Units: mg/Kg			
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	1.1		1.000		107	70	130				

Sample ID: LCS-68814	Samp1	ype: LC	S	Tes	tCode: EF	A Method	8021B: Volati	108		
Client ID: LCSS	Batc	h ID: 688	314	F	RunNo: 8	9576				
Prep Date: 7/15/2022	Analysis [	)ate: 7/	18/2022	5	SeqNa: 31	189075	Units: mg/K	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Benzene	0.94	0.025	1.000	0	93.9	80	120			
Toluene	0.98	0.050	1.000	0	97.9	80	120			
Ethylbenzene	0.98	0.050	1.000	0	98.0	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.2	80	120			
Surr. 4-Bromofluorobenzene	1.0		1.000		103	70	130			

- Value exceeds Maximum Contaminant Sample Dibried Due to Matrix Holding times for preparation or analys Not Detected at the Reporting Limit Practical Quantative Limit % Recovery outside of range due to di

- Analyte detected in the associated Method Estimated value Analyte detected below quantitation limits Sample pH Not In Range

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# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Platt Battery Project:

Sample ID: mb-68831 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 68831 RunNo: 89576

Prep Date: 7/16/2022 Analysis Date: 7/19/2022 SeqNo: 3189098

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit 1.000

Sample ID: LCS-68831 SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: 68831 RunNo: 89576 Prep Date: 7/16/2022 Analysis Date: 7/19/2022 SeqNo: 3189099 Units: %Rec Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

1.0 1.000 104

- Value exceeds Maximum Contaminant Level. Sample Ditried Due to Matrix Holding times for preparation or analysis excee Not Detected at the Reporting Limit
- Practical Quantitative Limit % Recovery outside of range due to dilution or n
- B Analyte detected E Estimated value
- Analyte detected below quantitation limits Sample pH Not In Range

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WO#:

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25-Jul-22



Hati Euriconnemal Analysis Laboromay 9901 Hawkine A.K. Allinquerque, IAI 8710 FEL: 505-535-5975 FAX, 595-345-4107 Website: virus hallowirmonystal.com

# Sample Log-In Check List

Client Name:	EOG		Work	Order Nur	nber: 2207651		RoptNo: 1
Received By:	Juan Roja	is	7/14/20	22 7:00:00	AM	Grand's 29	
Completed By:	Sean Livi	ngston	7/14/20	22 11:20:3	0 AM	Gweir <u>e</u> s Sala	
Reviewed By: \	W.	7.14				_)+ (-†	Jan-
Chain of Cus	tady						
1. Is Chain of C.	istody comp	less?			Yes 🔽	No 📙	Not Present
2. How was the	sample deliv	ered?			Courier		
Log In	-t d	raal Haa			3	IT	
3. Was an attem	pt made to t	co ine samp	les /		Yes 🗸	No 🗆	NA .
4. Were all samp	les recaivad	st s lempera	ture of >0° C	to 6.0°C	Yes 🗹	No 🗌	NA 🗆
5. Sample(s) in p	roper conta	ner(s)?			Yes 🗹	No 🗌	
6. Sufficient eam	ole volume f	or indicated ta	et(s)7		Yes 🗹	No 🗌	
7. Aro samples (e	except VOA	and ONG) pro	party preserve	ed?	Yes 🗹	No 🔲	
8. Was preservat	ve added to	bottles?			Yes 🗌	No ₩	NA 🗌
9. Received at lea	sst 1 val will	h headspace	<1/4" for AQ \	OA?	Yes 🗌	No 🗆	NA ₹
10. Were any sam	iple containe	ers received b	raken?		Yes 🗆	No 🗷	≠ of preserved
11.Does paperwo (Note discreps			,		Yes 🗹	No □	bottles checked for pH; (<2 or >12 uple%s note:
2. Are matrices o					Yes 🗹	No 🗆	Adjusted?
3, is it clear what			-		Yes 🛂	No 🗆	/ 11
4. Were all holdin (If no, notify ou					Yes 🗹	No L	Checked by: 3177/14/2
ipecial Handli	ng (if app	licable)					
15. Was client not	ified of all di	screpancies v	vith this order:		Yes 🗌	No 🗔	NA 🗹
Person 1	Notified.			Date		-	
By Who				Via:	☐ eMail ☐	Phone  Fax	In Person
Regardin	5 S						THE SHIP AND ADDRESS OF THE SHIP ADDRESS O
	structions:					And the second	
<ol><li>Additional ren</li></ol>	arks:						
7. Cooler Inform	nation						
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By	
1	2.1	Good					

	hain	O-Jo-	Chain-of-Custody Record	Turn-Around Time: 5-099	IIIIe: 5-7	600		2		1		The Later of Contract of Contr	
Client	504	506/Wreex		Standard	'⊠' Rush			2	187		7 7	ANAL ENVIRONMENTAL	4 2
[.				Project Name:				-			ם	ABORATO	Y
Mailing	Mailing Address:	30	20,00	2/0	Plot Bottery	eng.	4901	Hawkin	nava iginenvijorimentali.com ns NE - Albitonomia NM3	Albuo		4901 Hawkins NE - Albumerens NM 87100	
		1		Project #:	# # # # # # # # # # # # # # # # # # #	97	Tel	Tel. 505-345-3975	3975	Fax	505	Fax 505-345-4107	
Phone #:	#	-		222	00/43				Ā	alysis	Analysis Request	est	
email	email or Fax#.	/		Project Manager.	ger					²O		(tr	E
QA/QC Packa Cl Standard	GA/OC Package:		☐ Level 4 (Full Validation)	Man.	Manica Pertin	UN	3,803 (802) 8,	bcB.2		PO <sub>4</sub> , Si		nəsqy/li	
Accred	Accreditation	DAZC	☐ Az Compliance	Sampler: C )			DK	(1		·60	1	uasc	
D NELAC	VC,	□ Other		On los:	D_Yes	ON D	/ a	10	-	N '	(A	D14	
□ EDI	□ EDD (Type)			# of Coplers:	-		ษอ	9 p	slel	FO1		) tu	
				Cooler Temparating Chi.		C) 1.52.1.00C	тм ( <sub>)</sub> asn	putel	eM 8		20200	nolilo	
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. (		v) 803	PAHs I	85eo (7 672	S) 02Z8	O leto1	
21/12	9:30	11/2 9:30 50:1		200	777	100	-			-			
-	4:35	-	3HZZ-10 Z	-		100	-						
_	9:40	-	BHZZ-10 4'			5				$\vdash$			
	9:45		, O 11-22HE			700							
	9.55		BHEZ-11 4'			8							
	2:00	_	8HZE11 13,			800				$\vdash$			
	1:00		BHZZ-IE O'			£00							
	1.10	_	BH22-12 4			3							
	1:20	_	BHZE-12 7'			500				$\vdash$			
										+			
Date	Time	Reinquished by:	ed by:	Received by:	νiε: 	1 Date Time	Remarks:	CC: Chank Dixon	7972	\$	COL		1
12 C	Fine.	Relinquished by	ed by	Received by:	Via:	Date Time		Direct Bill 506	C BY	18	\$		
10 P	Ag.	City	CAMMALIZAN	The same of the sa	10,15/10	12							

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-16 0'

Project: Platt Battery Collection Date: 7/14/2022 9:00:00 AM Lab ID: 2207816-001 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	5900	300		mg/Kg	100	7/22/2022 8:46:25 AM	68957
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	SB
Diesel Range Organics (DRO)	7900	740		mg/Kg	50	7/21/2022 7:21:19 PM	68897
Motor Oil Range Organics (MRO)	9200	2500		mg/Kg	50	7/21/2022 7:21:19 PM	68897
Surr. DNOP	0	51.1-141	S	%Rec	50	7/21/2022 7:21:19 PM	68897
EPA METHOD 8015D: GASOLINE RANGE						Analyst	BRM
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	7/20/2022 9:27:00 PM	68881
Surr. 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

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

Qualifiers:

- vano emosedo Maximum Contaminan D Sample Diluted Dae to Matrix H Holding times for preparation or analy ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of range due to d

- Estimated value
  Analyte detected below que
  Sample pH Not In Range
  Reporting Limit

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-16 2'

Collection Date: 7/14/2022 9:05:00 AM Project: Platt Battery Lab ID: 2207816-002 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	: CAS
Chloride	5700	300	mg/Kg	100	0 7/22/2022 8:58:46 AM	68957
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/21/2022 3:46:00 AM	68897
Motor Oll Range Organics (MRO)	ND	48	mg/Kg	1	7/21/2022 3:46:00 AM	68897
Surr. DNOP	66.1	51.1-141	%Rec	1	7/21/2022 3:46:00 AM	68897
EPA METHOD 8015D: GASOLINE RANGE					Analys	t BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/20/2022 9:46:00 PM	68881
Surr. BFB	90.3	37.7-212	%Rec	1	7/20/2022 9:46:00 PM	68881
EPA METHOD 8021B: VOLATILES					Analys	t 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

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

Qualifiers:

- vano emosedo Maximum Contaminan D Sample Diluted Dae to Matrix H Holding times for preparation or analy ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of range due to d

- Estimated value
  Analyte detected below que
  Sample pH Not In Range
  Reporting Limit

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-16 4'

Collection Date: 7/14/2022 9:10:00 AM Project: Platt Battery Lab ID: 2207816-003 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	5200	300	mg/Kg	100	0 7/22/2022 9:11:07 AM	68957
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				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
Surr. DNOP	66.6	51.1-141	%Rec	1	7/21/2022 3:59:38 AM	68897
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/20/2022 10:06:00 PM	68881
Surr. 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	68881
Surr: 4-Bromofluorobenzene	91.0	70-130	%Rec	1	7/20/2022 10:06:00 PM	68881

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

- vano emosedo Maximum Contaminan D Sample Diluted Dae to Matrix H Holding times for preparation or analy ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of range due to d
- Estimated value
  Analyte detected below que
  Sample pH Not In Range
  Reporting Limit
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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-17 0'

Collection Date: 7/14/2022 9:30:00 AM Project: Platt Battery Lab ID: 2207816-004 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
Chloride	9500	600		mg/Kg	200	7/22/2022 9:23:28 AM	68957
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analys	t: SB
Diesel Range Organics (DRO)	5800	1500		mg/Kg	100	7/20/2022 9:33:48 PM	68897
Motor Oil Range Organics (MRO)	6500	4900		mg/Kg	100	7/20/2022 9:33:48 PM	68897
Surr. DNOP	0	51.1-141	S	%Rec	100	7/20/2022 9:33:48 PM	68897
EPA METHOD 8015D: GASOLINE RANGE						Analys	t BRM
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	7/20/2022 10:26:00 PM	68881
Surr. 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	68881
Xylenes, Total	ND	0.50		mg/Kg	5	7/20/2022 10:26:00 PM	68881
Surr. 4-Bromofluorobenzene	89.3	70-130		%Rec	5	7/20/2022 10:26:00 PM	68881

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

- vano emosedo Maximum Contaminan D Sample Diluted Dae to Matrix H Holding times for preparation or analy ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of range due to d

- Estimated value
  Analyte detected below qu
  Sample pH Not In Range
  Reporting Limit
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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-17 2'

Collection Date: 7/14/2022 9:35:00 AM Project: Platt Battery Lab ID: 2207816-005 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	CAS
Chloride	5900	300		mg/Kg	100	7/22/2022 9:35:48 AM	68957
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	: SB
Diesel Range Organics (DRO)	7100	720		mg/Kg	50	7/21/2022 6:09:46 PM	68897
Motor Oli Range Organics (MRO)	8600	2400		mg/Kg	50	7/21/2022 6:09:46 PM	68897
Surr. DNOP	0	51.1-141	S	%Rec	50	7/21/2022 6:09:46 PM	68897
EPA METHOD 8015D: GASOLINE RANGE						Analys	BRM
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	7/20/2022 10:46:00 PM	68881
Surr. BFB	93.7	37.7-212		%Rec	5	7/20/2022 10:46:00 PM	68881
EPA METHOD 8021B: VOLATILES						Analys	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

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

- vano emosedo Maximum Contaminan D Sample Diluted Dae to Matrix H Holding times for preparation or analy ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of range due to d

- Estimated value
  Analyte detected below que
  Sample pH Not In Range
  Reporting Limit
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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-17 4'

Collection Date: 7/14/2022 9:40:00 AM Project: Platt Battery 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
Chloride	6000	300	mg/Kg	10	0 7/22/2022 9:48:09 AM	68957
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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
Surr. DNOP	104	51.1-141	%Rec	1	7/21/2022 2:35:13 PM	68897
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/20/2022 11:06:00 PM	68881
Surr. 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

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

Qualifiers:

- vano emosedo Maximum Contaminan D Sample Diluted Dae to Matrix H Holding times for preparation or analy ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of range due to d

- Estimated value
  Analyte detected below que
  Sample pH Not In Range
  Reporting Limit

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-18 0'

Collection Date: 7/14/2022 9:45:00 AM Project: Platt Battery 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
Chloride	9700	300		mg/Kg	100	7/22/2022 10:00:29 AM	68957
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	: SB
Diesel Range Organics (DRO)	30	13		mg/Kg	1	7/21/2022 1:23:49 PM	68897
Motor Oli Range Organics (MRO)	ND	44		mg/Kg	1	7/21/2022 1:23:49 PM	68897
Surr. DNOP	91.4	51.1-141		%Rec	1	7/21/2022 1:23:49 PM	68897
EPA METHOD 8015D: GASOLINE RANGE						Analyst	BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/20/2022 11:25:00 PM	68881
Surr. 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

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

Qualifiers:

- vano emosedo Maximum Contaminan D Sample Diluted Dae to Matrix H Holding times for preparation or analy ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of range due to d

- Estimated value
  Analyte detected below qu
  Sample pH Not In Range
  Reporting Limit

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-18 2'

Collection Date: 7/14/2022 9:50:00 AM Project: Platt Battery 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
Chloride	5500	300		mg/Kg	100	7/22/2022 10:45:56 AM	68957
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	: ED
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/21/2022 4:13:01 AM	68897
Motor Oll Range Organics (MRO)	ND	48		mg/Kg	1	7/21/2022 4:13:01 AM	68897
Surr. DNOP	65.8	51.1-141		%Rec	1	7/21/2022 4:13:01 AM	68897
EPA METHOD 8015D: GASOLINE RANGE						Analyst	BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/21/2022 12:05:00 AM	68881
Surr. 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	68881
Surr: 4-Bromofluorobenzene	90.7	70-130		%Rec	1	7/21/2022 12:05:00 AM	68881

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

Qualifiers:

- vano emosedo Maximum Contaminan D Sample Diluted Dae to Matrix H Holding times for preparation or analy ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of range due to d

- Estimated value
  Analyte detected below que
  Sample pH Not In Range
  Reporting Limit

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-18 4'

Collection Date: 7/14/2022 9:55:00 AM Project: Platt Battery 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
Chloride	4100	150	mg/Kg	50		
EPA METHOD 8015M/D: DIESEL RANGE ORG		100	mg/ng	-	Analyst	
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
Surr. DNOP	64.7	51.1-141	%Rec	1	7/21/2022 4:26:25 AM	68897
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/21/2022 12:25:00 AM	68881
Surr. 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	68881
Surr: 4-Bromofluorobenzene	91.9	70-130	%Rec	1	7/21/2022 12:25:00 AM	68881

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

- vano emosedo Maximum Contaminan D Sample Diluted Dae to Matrix H Holding times for preparation or analy ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of range due to d

- Estimated value
  Analyte detected below qu
  Sample pH Not In Range
  Reporting Limit
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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-19 0'

Collection Date: 7/14/2022 2:00:00 PM Project: Platt Battery Lab ID: 2207816-010 Matrix: SOIL Received Date: 7/16/2022 10:15:00 AM

A	Result	DI	01	TI-it-	DE	Date Analysis	D-4-L
Analyses	Kesuit	KL	Quar	Umis	DΓ	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: NAI
Chloride	1800	60		mg/Kg	20	7/21/2022 5:33:20 PM	68968
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	: ED
Diesel Range Organics (DRO)	ND	13		mg/Kg	1	7/21/2022 4:09:38 PM	68897
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	7/21/2022 4:09:38 PM	68897
Surr. DNOP	120	51.1-141		%Rec	1	7/21/2022 4:09:38 PM	68897
EPA METHOD 8015D: GASOLINE RANGE						Analyst	BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/21/2022 12:44:00 AM	68881
Surr. BFB	92.2	37.7-212		%Rec	1	7/21/2022 12:44:00 AM	68881
EPA METHOD 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
Ethylbenzene	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
Surr: 4-Bromofluorobenzene	90.2	70-130		%Rec	1	7/21/2022 12:44:00 AM	68881

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

Qualifiers:

- vano emosedo Maximum Contaminan D Sample Diluted Dae to Matrix H Holding times for preparation or analy ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of range due to d

- Estimated value
  Analyte detected below qu
  Sample pH Not In Range
  Reporting Limit

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-19 2'

Collection Date: 7/14/2022 2:05:00 PM Project: Platt Battery Lab ID: 2207816-011 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 ORG	GANICS				Analyst	: ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/21/2022 4:53:12 AM	68897
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/21/2022 4:53:12 AM	68897
Surr. DNOP	61.5	51.1-141	%Rec	1	7/21/2022 4:53:12 AM	68897
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/21/2022 1:04:00 AM	68881
Surr. 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

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

Qualifiers:

- vano emosedo Maximum Contaminan D Sample Diluted Dae to Matrix H Holding times for preparation or analy ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of range due to d

- Estimated value
  Analyte detected below qu
  Sample pH Not In Range
  Reporting Limit

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-19 4'

Collection Date: 7/14/2022 2:10:00 PM Project: Platt Battery Lab ID: 2207816-012 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 OR	GANICS					Analyst	: ED
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/21/2022 5:06:39 AM	68897
Motor Oll Range Organics (MRO)	ND	49		mg/Kg	1	7/21/2022 5:06:39 AM	68897
Surr. DNOP	61.6	51.1-141		%Rec	1	7/21/2022 5:06:39 AM	68897
EPA METHOD 8015D: GASOLINE RANGE						Analyst	BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/21/2022 1:24:00 AM	68881
Surr. 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

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

Qualifiers:

- vano emosedo Maximum Contaminan D Sample Diluted Dae to Matrix H Holding times for preparation or analy ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of range due to d

- Estimated value
  Analyte detected below qu
  Sample pH Not In Range
  Reporting Limit

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-20 0'

Collection Date: 7/14/2022 2:15:00 PM Project: Platt Battery Lab ID: 2207816-013 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	950	60		mg/Kg	20	7/21/2022 6:35:22 PM	68968
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	640	140		mg/Kg	10	7/20/2022 9:10:05 PM	68897
Motor Oil Range Organics (MRO)	1000	460		mg/Kg	10	7/20/2022 9:10:05 PM	68897
Surr. DNOP	0	51.1-141	S	%Rec	10	7/20/2022 9:10:05 PM	68897
EPA METHOD 8015D: GASOLINE RANGE						Analyst	BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/21/2022 1:43:00 AM	68881
Surr. BFB	89.8	37.7-212		%Rec	1	7/21/2022 1:43:00 AM	68881
EPA METHOD 8021B: VOLATILES						Analyst	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-Bromofluorobenzene	89.5	70-130		%Rec	1	7/21/2022 1:43:00 AM	68881

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

Qualifiers:

- vano emosedo Maximum Contaminan D Sample Diluted Dae to Matrix H Holding times for preparation or analy ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of range due to d

- Estimated value
  Analyte detected below qu
  Sample pH Not In Range
  Reporting Limit

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-20 2'

Collection Date: 7/14/2022 2:20:00 PM Project: Platt Battery Lab ID: 2207816-014 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	1600	60	mg/Kg	20	7/21/2022 6:47:47 PM	68968
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/21/2022 5:20:02 AM	68897
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/21/2022 5:20:02 AM	68897
Surr. DNOP	65.6	51.1-141	%Rec	1	7/21/2022 5:20:02 AM	68897
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/21/2022 2:03:00 AM	68881
Surr. 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

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

Qualifiers:

- vano emosedo Maximum Contaminan D Sample Diluted Dae to Matrix H Holding times for preparation or analy ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of range due to d

- Estimated value
  Analyte detected below qu
  Sample pH Not In Range
  Reporting Limit

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Client Sample ID: BH22-20 4'

Collection Date: 7/14/2022 2:25:00 PM Project: Platt Battery 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						Analys	: NAI
Chloride	1500	60		mg/Kg	20	7/21/2022 7:00:11 PM	68968
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analys	: ED
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/21/2022 5:33:23 AM	68897
Motor Oli Range Organics (MRO)	ND	49		mg/Kg	1	7/21/2022 5:33:23 AM	68897
Surr. DNOP	60.1	51.1-141		%Rec	1	7/21/2022 5:33:23 AM	68897
EPA METHOD 8015D: GASOLINE RANGE						Analys	BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/21/2022 2:23:00 AM	68881
Surr. BFB	95.1	37.7-212		%Rec	1	7/21/2022 2:23:00 AM	68881
EPA METHOD 8021B: VOLATILES						Analys	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

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

Qualifiers:

- vano emosedo Maximum Contaminan D Sample Diluted Dae to Matrix H Holding times for preparation or analy ND Not Detected at the Reporting Limit PQL Practical Quantitative Limit S % Recovery outside of range due to d

- Estimated value
  Analyte detected below qu
  Sample pH Not In Range
  Reporting Limit

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

October 17, 2022

FAX:

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

\_\_ \_\_ \_\_\_

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 Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

**Analytical Report** Lab Order 2210001 Date Reported: 10/17/2022

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: WES22-01 0-4' Project: Platt PA Tank Battery Collection Date: 9/27/2022 1:15:00 PM Received Date: 10/1/2022 9:00:00 AM Lab ID: 2210001-001 Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst: DGH
Diesel Range Organics (DRO)	930	130		mg/Kg	10	10/7/2022 1:13:54 PM
Motor Oll Range Organics (MRO)	1200	430		mg/Kg	10	10/7/2022 1:13:54 PM
Surr: DNOP	0	21-129	S	%Rec	10	10/7/2022 1:13:54 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/4/2022 3:47:02 PM
Surr. BFB	88.1	37.7-212		%Rec	1	10/4/2022 3:47:02 PM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	10/4/2022 3:47:02 PM
Toluene	ND	0.049		mg/Kg	1	10/4/2022 3:47:02 PM
Ethylbenzene	ND	0.049		mg/Kg	1	10/4/2022 3:47:02 PM
Xylenes, Total	ND	0.098		mg/Kg	1	10/4/2022 3:47:02 PM
Surr: 4-Bromofluorobenzene	92.6	70-130		%Rec	1	10/4/2022 3:47:02 PM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	4100	150		mg/Kg	50	10/7/2022 7:08:00 PM

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

- Value ecceeds Maximum Contaminant Level.
  D Sample Diluted Due to Matrix
  II Holding times the proparation or analysis exceeded
  ND Not Detected at the Reporting Limit
  PQL Practiced Quantitative Limit
  S % Recovery cettide of range due to dilution or mar

- Estimated value
  Analyte detected below quantitation limits
  Sample pH Not In Range

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**Analytical Report** Lab Order 2210001 Date Reported: 10/17/2022

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: WES22-02 0-4' Project: Platt PA Tank Battery Collection Date: 9/27/2022 1:20:00 PM Received Date: 10/1/2022 9:00:00 AM Lab ID: 2210001-002 Matrix: SOIL

Analyses	Result	RL (	Qual	Units	DF	Date Analyzed		
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst: DGH		
Diesel Range Organics (DRO)	2700	720		mg/Kg	50	10/6/2022 6:10:48 PM		
Motor Oil Range Organics (MRO)	3800	2400		mg/Kg	50	10/6/2022 6:10:48 PM		
Surr: DNOP	0	21-129	S	%Rec	50	10/6/2022 6:10:48 PM		
EPA METHOD 8015D: GASOLINE RANGE						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		

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

- Value ecceeds Maximum Contaminant Level.
  D Sample Diluted Due to Matrix
  II Holding times the proparation or analysis exceeded
  ND Not Detected at the Reporting Limit
  PQL Practiced Quantitative Limit
  S % Recovery cettide of range due to dilution or mar

- Estimated value
  Analyte detected below quantitation limits
  Sample pH Not In Range

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: WES22-03 0-4' Project: Platt PA Tank Battery Collection Date: 9/27/2022 1:25:00 PM Received Date: 10/1/2022 9:00:00 AM Lab ID: 2210001-003 Matrix: SOIL

Analyses	Result	RL Qua	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: DGH
Diesel Range Organics (DRO)	510	72	mg/Kg	5	10/7/2022 1:45:35 PM
Motor Oli Range Organics (MRO)	960	240	mg/Kg	5	10/7/2022 1:45:35 PM
Surr: DNOP	39.6	21-129	%Rec	5	10/7/2022 1:45:35 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/4/2022 4:34:04 PM
Surr. 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

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

- Value exceeds Maximum Contaminant Level.
  D Sample Diluted Due to Matrix
  II Holding times the proparation or analysis exceeded
  ND Not Detected at the Reporting Limit
  PQL Practiced Quantitative Limit
  S % Recovery outside of mage due to dilution or ma

- Estimated value
  Analyte detected below quantitation limits
  Sample pH Not In Range

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: WES22-04 0-4' Project: Platt PA Tank Battery Collection Date: 9/27/2022 1:30:00 PM Received Date: 10/1/2022 9:00:00 AM Lab ID: 2210001-004 Matrix: SOIL

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: DGH
Diesel Range Organics (DRO)	590	75	mg/Kg	5	10/7/2022 2:17:14 PM
Motor Oll Range Organics (MRO)	840	250	mg/Kg	5	10/7/2022 2:17:14 PM
Surr. DNOP	48.2	21-129	%Rec	5	10/7/2022 2:17:14 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/4/2022 4:57:30 PM
Surr. 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

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

- Value exceeds Maximum Contaminant Level.
  D Sample Diluted Due to Matrix
  II Holding times the proparation or analysis exceeded
  ND Not Detected at the Reporting Limit
  PQL Practiced Quantitative Limit
  S % Recovery outside of mage due to dilution or ma

- Estimated value
  Analyte detected below quantitation limits
  Sample pH Not In Range

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: WES22-05 0-4' Project: Platt PA Tank Battery Collection Date: 9/27/2022 1:35:00 PM Received Date: 10/1/2022 9:00:00 AM Lab ID: 2210001-005 Matrix: SOIL

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: DGH
Diesel Range Organics (DRO)	270	69	mg/Kg	5	10/7/2022 3:38:29 PM
Motor Oli 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 RANGE					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
Chloride	2700	150	mg/Kg	50	10/7/2022 8:22:25 PM

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

- Value ecceeds Maximum Contaminant Level.
  D Sample Diluted Due to Matrix
  II Holding times the proparation or analysis exceeded
  ND Not Detected at the Reporting Limit
  PQL Practiced Quantitative Limit
  S % Recovery cettide of range due to dilution or mar

- Estimated value
  Analyte detected below quantitation limits
  Sample pH Not In Range

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: WES22-06 0-4' Project: Platt PA Tank Battery Collection Date: 9/27/2022 1:40:00 PM Received Date: 10/1/2022 9:00:00 AM Lab ID: 2210001-006 Matrix: SOIL

Analyses	Result	RL (	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS					Analyst: DGH
Diesel Range Organics (DRO)	1300	140		mg/Kg	10	10/7/2022 4:10:32 PM
Motor Oll Range Organics (MRO)	2700	480		mg/Kg	10	10/7/2022 4:10:32 PM
Surr: DNOP	0	21-129	S	%Rec	10	10/7/2022 4:10:32 PM
EPA METHOD 8015D: GASOLINE RANGE						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

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

- Value exceeds Maximum Contaminant Level.
  D Sample Diluted Due to Matrix
  II Holding times the proparation or analysis exceeded
  ND Not Detected at the Reporting Limit
  PQL Practiced Quantitative Limit
  S % Recovery outside of mage due to dilution or ma

- Estimated value
  Analyte detected below quantitation limits
  Sample pH Not In Range

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-01 4' Project: Platt PA Tank Battery Collection Date: 9/27/2022 1:45:00 PM Received Date: 10/1/2022 9:00:00 AM Lab ID: 2210001-007 Matrix: SOIL

Analyses	Result	RL (	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst: DGH
Diesel Range Organics (DRO)	2000	720		mg/Kg	50	10/6/2022 7:04:13 PM
Motor Oil Range Organics (MRO)	3300	2400		mg/Kg	50	10/6/2022 7:04:13 PM
Surr: DNOP	0	21-129	S	%Rec	50	10/6/2022 7:04:13 PM
EPA METHOD 8015D: GASOLINE RANGE						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
Chloride	2300	60		mg/Kg	20	10/6/2022 1:40:04 PM

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

- Value exceeds Maximum Contaminant Level.
  D Sample Diluted Due to Matrix
  II Holding times the proparation or analysis exceeded
  ND Not Detected at the Reporting Limit
  PQL Practiced Quantitative Limit
  S % Recovery outside of mage due to dilution or ma

- Estimated value
  Analyte detected below quantitation limits
  Sample pH Not In Range

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-02 4' Project: Platt PA Tank Battery Collection Date: 9/27/2022 1:50:00 PM Received Date: 10/1/2022 9:00:00 AM Lab ID: 2210001-008 Matrix: SOIL

Analyses	Result	RL (	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst: DGH
Diesel Range Organics (DRO)	2500	1400		mg/Kg	100	10/6/2022 7:14:57 PM
Motor Oll Range Organics (MRO)	10000	4800		mg/Kg	100	10/6/2022 7:14:57 PM
Surr: DNOP	0	21-129	S	%Rec	100	10/6/2022 7:14:57 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	10/4/2022 7:42:00 PM
Surr. 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

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

- Value exceeds Maximum Contaminant Level.
  D Sample Diluted Due to Matrix
  II Holding times the proparation or analysis exceeded
  ND Not Detected at the Reporting Limit
  PQL Practiced Quantitative Limit
  S % Recovery outside of mage due to dilution or ma

- Estimated value
  Analyte detected below quantitation limits
  Sample pH Not In Range

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-03 4' Project: Platt PA Tank Battery Collection Date: 9/27/2022 1:55:00 PM Received Date: 10/1/2022 9:00:00 AM Lab ID: 2210001-009 Matrix: SOIL

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: DGH
Diesel Range Organics (DRO)	29	15	mg/Kg	1	10/7/2022 4:42:39 PM
Motor Oll Range Organics (MRO)	89	49	mg/Kg	1	10/7/2022 4:42:39 PM
Surr: DNOP	74.2	21-129	%Rec	1	10/7/2022 4:42:39 PM
EPA METHOD 8015D: GASOLINE RANGE					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

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

- Value exceeds Maximum Contaminant Level.
  D Sample Diluted Due to Matrix
  II Holding times the proparation or analysis exceeded
  ND Not Detected at the Reporting Limit
  PQL Practiced Quantitative Limit
  S % Recovery outside of mage due to dilution or ma

- Estimated value
  Analyte detected below quantitation limits
  Sample pH Not In Range

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## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-04 4' Project: Platt PA Tank Battery Collection Date: 9/27/2022 2:00:00 PM Received Date: 10/1/2022 9:00:00 AM Lab ID: 2210001-010 Matrix: SOIL

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: DGH
Diesel Range Organics (DRO)	620	68	mg/Kg	5	10/7/2022 5:22:37 PM
Motor Oil Range Organics (MRO)	1400	230	mg/Kg	5	10/7/2022 5:22:37 PM
Surr: DNOP	30.2	21-129	%Rec	5	10/7/2022 5:22:37 PM
EPA METHOD 8015D: GASOLINE RANGE					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

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

- Value exceeds Maximum Contaminant Level.
  D Sample Diluted Due to Matrix
  II Holding times the proparation or analysis exceeded
  ND Not Detected at the Reporting Limit
  PQL Practiced Quantitative Limit
  S % Recovery outside of mage due to dilution or ma

- Estimated value
  Analyte detected below quantitation limits
  Sample pH Not In Range

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-01 5' Project: Platt PA Tank Battery Collection Date: 9/29/2022 11:30:00 AM Lab ID: 2210001-011 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 ORG	SANICS					Analyst: DGH
Diesel Range Organics (DRO)	1100	150		mg/Kg	10	10/7/2022 6:05:40 PM
Motor Oll Range Organics (MRO)	2100	490		mg/Kg	10	10/7/2022 6:05:40 PM
Surr: DNOP	0	21-129	S	%Rec	10	10/7/2022 6:05:40 PM
EPA METHOD 8015D: GASOLINE RANGE						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

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

- Value ecceeds Maximum Contaminant Level.
  D Sample Diluted Due to Matrix
  II Holding times the proparation or analysis exceeded
  ND Not Detected at the Reporting Limit
  PQL Practiced Quantitative Limit
  S % Recovery cettide of range due to dilution or mar

- Estimated value
  Analyte detected below quantitation limits
  Sample pH Not In Range Page 11 of 18

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-02 5' Project: Platt PA Tank Battery Collection Date: 9/29/2022 11:45:00 AM Lab ID: 2210001-012 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 ORG	GANICS					Analyst: DGH
Diesel Range Organics (DRO)	31000	1400		mg/Kg	100	10/6/2022 8:18:52 PM
Motor Oli Range Organics (MRO)	19000	4800		mg/Kg	100	10/6/2022 8:18:52 PM
Surr. DNOP	0	21-129	S	%Rec	100	10/6/2022 8:18:52 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	320	99		mg/Kg	20	10/4/2022 9:15:35 PM
Surr. 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

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

- Value ecceeds Maximum Contaminant Level.
  D Sample Diluted Due to Matrix
  II Holding times the proparation or analysis exceeded
  ND Not Detected at the Reporting Limit
  PQL Practiced Quantitative Limit
  S % Recovery cettide of range due to dilution or mar

- Estimated value
  Analyte detected below quantitation limits
  Sample pH Not In Range

Page 12 of 18

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-03 5' Project: Platt PA Tank Battery Collection Date: 9/29/2022 12:00:00 PM Received Date: 10/1/2022 9:00:00 AM Lab ID: 2210001-013 Matrix: SOIL

Analyses	Result	RL Q	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS					Analyst: DGH
Diesel Range Organics (DRO)	360	150		mg/Kg	10	10/7/2022 6:38:05 PM
Motor Oil Range Organics (MRO)	920	500		mg/Kg	10	10/7/2022 6:38:05 PM
Surr: DNOP	0	21-129	S	%Rec	10	10/7/2022 6:38:05 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/4/2022 9:39:04 PM
Surr. 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

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

- Value exceeds Maximum Contaminant Level.
  D Sample Diluted Due to Matrix
  II Holding times the proparation or analysis exceeded
  ND Not Detected at the Reporting Limit
  PQL Practiced Quantitative Limit
  S % Recovery outside of mage due to dilution or ma

- Estimated value
  Analyte detected below quantitation limits
  Sample pH Not In Range

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-04 5' Project: Platt PA Tank Battery Collection Date: 9/29/2022 12:05:00 PM Received Date: 10/1/2022 9:00:00 AM Lab ID: 2210001-014 Matrix: SOIL

Analyses	Result	RL (	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst: DGH
Diesel Range Organics (DRO)	20000	1400		mg/Kg	100	10/6/2022 9:01:20 PM
Motor Oll Range Organics (MRO)	20000	4800		mg/Kg	100	10/6/2022 9:01:20 PM
Surr. DNOP	0	21-129	S	%Rec	100	10/6/2022 9:01:20 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	10/6/2022 1:23:22 PM
Surr. 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

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

- Value exceeds Maximum Contaminant Level.
  D Sample Diluted Due to Matrix
  II Holding times the proparation or analysis exceeded
  ND Not Detected at the Reporting Limit
  PQL Practiced Quantitative Limit
  S % Recovery outside of mage due to dilution or ma

- Estimated value
  Analyte detected below quantitation limits
  Sample pH Not In Range Page 14 of 18

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

Client: Vertex Resources Services, Inc. Platt PA Tank Battery Project:

TestCode: EPA Method 300.0: Anions Sample ID: MB-70647 SampType: MBLK Client ID: PBS Batch ID: 70647 RunNo: 91598

Prep Date: 10/6/2022 Analysis Date: 10/6/2022 SeqNo: 3281919 Units: mg/Kg

15.00

1.5

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit ND 1.5

Sample ID: LCS-70647 SampType: LCS TestCode: EPA Method 300.0: Anions Client ID: LCSS Batch ID: 70647 RunNo: 91598 Analysis Date: 10/6/2022 Prep Date: 10/6/2022 SeqNo: 3281920 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

0

96.4

- Value exceeds Maximum Contaminant Level. Sample District Due to Matrix Holding times for preparation or analysis excee Not Detected at the Reporting Limit
- Practical Quantitative Limit % Recovery outside of range due to dilution or m
- B Analyte detected : E Estimated value
- Analyte detected below quantitation limits Sample pH Not In Range

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WO#:

2210001

17-Oct-22

2210001

17-Oct-22

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Vertex Resources Services, Inc. Project: Platt PA Tank Battery

Sample ID: MB-70634	SampT	уре: мв	ILK	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	Organics	
Client ID: PB\$	Batch	1ID: 706	34	F	RunNo: 91	599				
Prep Date: 10/5/2022	Analysis D	)ate: 10	V6/2022	5	SeqNo: 32	81653	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	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch	ID: 706	34	F	RunNo: 91	1599				
Prep Date: 10/5/2022	Analysis D	Analysis Date: 10/6/2022			SeqNa: 32	288804	Units: mg/K	g		
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			
Surr: DNOP	4.0	4.0 5.000			80.0	21	129			

- Value exceeds Maximum Contaminant Sample Dikried Due to Matrix. Holding times for preparation or analys Not Descade at the Reporting Limit Practical Quantative Limit % Recovery outside of range due to dil

- Analyte detected in the associated Method Estimated value

  Analyte detected below quantitation limits
  Sample plf Not In Range

Page 16 of 18

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Vertex Resources Services, Inc. Project: Platt PA Tank Battery

Sample ID: LCS-70559	SampT	ype: LC	S	Tes	tCode: Ep	A Method	8015D: Gasol	ine Range		
Client ID: LCSS	Batch	1 ID: 70	559	F	RunNo: 91	1536				
Prep Date: 10/3/2022	Analysis [	)ate: 10	V4/2022		SeqNa: 32	279028	Units: mg/K	g		
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	1900 1000			191	37.7	212			

Sample ID: mb-70559	SampT	уре: МВ	BLK	Tes	tCode: EF	A Method	8015D: Gasol	ine Range		
Client ID: PB\$	Batch	ID: 705	559	F	RunNo: 91	536				
Prep Date: 10/3/2022	Analysis Date: 10/4/2022			5	SeqNo: 32	79029	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			

- Value exceeds Maximum Contaminant Sample Dikried Due to Matrix. Holding times for preparation or analys Not Descade at the Reporting Limit Practical Quantative Limit % Recovery outside of range due to dil

- Analyte detected in the associated Method Estimated value Analyte detected below quantitation limits Sample pH Not In Range

Page 17 of 18

WO#:

2210001

17-Oct-22

2210001

17-Oct-22

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

Client: Vertex Resources Services, Inc. Project: Platt PA Tank Battery

	r rum Dutt	,								
Sample ID: Ics-70559	SampT	ype: LC	S	Tes	tCode: EP	A Method	8021B: Volati	108		
Client ID: LCSS	Batch	h ID: 705	559	F	RunNo: 91	1536				
Prep Date: 10/3/2022	Analysis D	)ate: 10	14/2022		SeqNo: 32	279057	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				101	70	130			

Sample ID: mb-70559	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volati	108		
Client ID: PB\$	Batch	1ID: 70	559	F	RunNo: 91	1536				
Prep Date: 10/3/2022	Analysis D	)ate: 10	14/2022		SeqNa: 32	279058	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-Bromofluorobenzene	0.99		1.000		98.8	70	130			

- Value exceeds Maximum Contaminant Sample Dikrted Due to Matrix Holding times for preparation or analys Not Desceded at the Reporting Limit Practical Quantative Limit % Recovery outside of range due to dil

- Analyte detected in the associated Method Estimated value Analyte detected below quantitation limits Sample pH Not In Range

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Hall Earn onnemal Analysis Laborator, 4601 Harvitas NE Albuquergae, NM 87109 TEE: 505-345-3975 FAX: 505-345-4107 Website: www.ballandronmonal.com

# Sample Log-In Check List

Client Name:	Vartex Resi Services, In		Work	Order Num	ber: 2210001		ReptNo: 1
Received By:	Scan Livir	ngston	10/1/200	22 9 00:00	AM	Sala	get-
Completed By:	Sean Livir	ngaton	10/1/200	22 9.39:07	AM	Sala	
Reviewed By:	Sec. 10)	1/22				مدر	100
Chain of Cust	to dy						
1. Is Chain of Cu	etody compl	lete7			Yes 🗹	No 🗌	Not Present
<ol><li>How was the s</li></ol>	sample de iv	ered?			Courier		
Log In							
<ol><li>Was an attern</li></ol>	pl made to d	ool the sampl	08?		Yes 🗸	No 🗌	NA □
4. Ware all samp	les received	at a temperat	une of ≥0°C t	to 6.0°C	Yes 🗹	No 🏻	L AM
5. Sample(s) in p	roper contai	ner(s)?			Yes 🗹	No 🗌	
6. Sufficient sam:	ola yolume fo	or indicated te	st(s)?		Yes 🗹	No 🗌	
7. Are samples (c	ACV tqqqx	and ONG) pro	perly preserve	ed?	Yes 🔽	No 🗌	
8. Was preservat	ive added to	bottes?			Yes 🗌	No 🗷	NA □
9. Received at loa	ast 1 vial will	n headspace •	1/4" for AQ V	OA7	Yes 🗀	No 🗆	NA ☑
10. Were any sam	pie containe	ers received br	oken?		Yes $\square$	No 🗹	# of preserved bottles checked
11. Does paperwor (Note discrepa					Yes 🔽	No 🗆	tor pH: (<2 or >12 unless note:
2. Are matrices o	orrectly ident	lified on Chair	of Custody?		Yes 🗹	No 🗆	Adjusteo?
[3, is it clear what					Yes 🗸	No L	
14. Were all holdin (If no, notify cu					Yas 🔽	No 🗆	Chacked by: SCC (0) (27
Special Handli	ing (if app	licable)					
15. Was dient not	fied of all d	screpancies v	oith this order?	,	Yes 📙	No 🗆	NA 🗹
Person 1	Notified:			Date			
By Who	m: }			Via:	eMail	Phone E Fax	In Person
Regardi	ng:						
Client In	structions:						-
16 Additional ren	naiks:						
	mation						
17. Coolar Inford	The state	Condition	Spal Intect	Seel No	Seal Date	Signed By	
17. Cooler Inform Cooler No	Temp °C	CONTRIBUTI				9	

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	Vertex (ECG)	(606)	12 Standard	II Rush	S 024		A	AI YS	TS	ANALYSTS I ABORATORY
			Project Name:	0;			2000	mos letromacabacalled water	l stroman	
Mailing Address:	BSS: ON	Life	Plast	Plat PA Tank Battery	Battery	4901	Hawkins	4 - Alb	Johnstone	4901 Hawkins NE - Albuquerque, NM 87109
		0	Project #;		5	Te Te	Tel. 505-345-3975	975 F	Fax 505-345-4107	45-4107
Phone #			72E-	22E - 00123-14	<del>u</del> -			Ĕ	Analysis Request	est
email or Fax#:	#		Project Manager	nger				†o		(111
QA/QC Pactage: ☐ Standard	:80	☐ Level 4 (Full Validation)		Michael Mobilit	走		C=1000	S '‡Od		өздүлг
Accreditation: D NELAC		☐ Az Compliance ☐ Other	Sampler: On ite:	SPC SYes	- N	Ha i o	(1.40		68 W.J	Deseud
□ EDD (Type)			# of Coolers:	-	Socialist	.ek	g p		OΛ	) w
			Coaler Temp <sub>(Max 6005)</sub> ; Cantainer Preserval		3. 4-0.1-3/3/3/3/C)	Total Control	B (Metho	9M 8 AЯ: 9F, 8r, N	(AOV) 08 -ime8) 07	sal Collfor
Date Time	Matrix	Sample Name	Type and #	Турв		dI,	<b>a</b> a	~	827	101
4/29 11:30 5011	108	MS22-0 5'	4 m jar	3	מוו	>		>		
1:45	2	86522-02 5'	<u>}_</u>	_	210	-	-8	1		
12:00	00	BES22-03 5'			0.03					
1 12:05	- 9	BES12- 04 5'	1		P10	-		-		
				Sia.						
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П					Ш				32	
9/29 16:34	ACTIVITIES AND ACTIVI	Selly actor	O.A.A.A.	Ne.	9/30/24 (DPS	Remarks:				
Che La	Relinquis	Asia as Reinquis(45 by.	Received by:	-	Date Time Joffer 01:00					
2 122	1000									



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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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)

Celegration -

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Page 1 of 8



#### Analytical Results For:

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

 Received:
 10/06/2023

 Reported:
 10/09/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

 Project Location:
 EOG

Sampling Date: 10/05/2023 Sampling Type: Soil Sampling Condition: Cool & Intac

Sample Received By:

Cool & Intact Shalyn Rodriguez

#### Sample ID: BES 23-50 4' (H235454-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualific
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					
Surrogate: 4-Bromofluorobenzene (PIL	97.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	Qualifie
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						

Cardinal Laboratories

\*=Accredited Analyte

RESIST SCRIT: Liability and Damages. Cardinals initially and client's exclusive remely for any clien arising, whether based in contract or tort, dask be limited to the amount paid by client for analyses. All clients, including those for negligence and any other cases whatenesses shall be deserted without contains the contract or tort, dask be installed to the applicable service. In so, exect shall Cardinal be lable for including, whether the completion of the applicable service. In so, exect shall Cardinal be lable for including, whether the completion of the applicable service, lable of use, or loss of prefix increased by client, the adolescent of the applicable contains a shall contain our or related to the performance of the services between the services between the containing and the client of the applicable containing and the client operated of cardinal laboratories.

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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:
 10/06/2023

 Reported:
 10/09/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

 Project Location:
 EOG

Sampling Date: 10/05/2023
Sampling Type: Soil
Sampling Condition: Cool & Intac

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: BES 23-51 4' (H235454-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualific
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					
Surrogate: 4-Bromofluorobenzene (PIL	96.0	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	352	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	Qualifie
GRO 05-C10*	<10.0	10.0	10/06/2023	ND	180	90.1	200	1.09	
DRO >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	6 48.2-13	4						
Surrogate: 1-Chloroctadecane	93.65	6 49.1-14	8						

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\*=Accredited Analyte

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#### Analytical Results For:

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

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

Sampling Date: 10/05/2023 Sampling Type: Soil Sampling Condition:

Cool & Intact Sample Received By: Shalyn Rodriguez

# nie TD: RES 23-52 4' (H235454-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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					
Surrogate: 4-Bromofluorobenzene (PIL	96.2	% 71.5-13	4						
Chloride, SM4500CI-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	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	76.9	% 48.2-13	4						
Surrogate: 1-Chloroctadecane	89.7	% 49.1-14	*						

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\*=Accredited Analyte

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#### Analytical Results For:

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

 Received:
 10/06/2023

 Reported:
 10/09/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 225-00123-14

Project Name: PLATT PA BATTER
Project Number: 22E-00123-14
Project Location: EOG

Sampling Type: Sampling Condition: Sample Received By:

Sampling Date:

10/05/2023 Soil

Cool & Intact Shalyn Rodriguez

### Sample ID: BES 23-53 4' (H235454-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualific
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					
Surrogate: 4-Bromofluorobenzene (PIL	96.7	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	Qualifie
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	6 48.2-13	4						

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#### Analytical Results For:

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

 Received:
 10/06/2023

 Reported:
 10/09/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

 Project Location:
 EOG

 Sampling Date:
 10/05/2023

 Sampling Type:
 Soil

 Sampling Condition:
 Cool & Intact

Sample Received By: Shalyn Rodriguez

### Sample ID: WES 23-101 0-4' (H235454-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualific
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					
Surrogate: 4-Bromofluorobenzene (PIL	96.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	Qualifie
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-Chloroctadecane	91.2	% 49.1-14	8						

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#### **Notes and Definitions**

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
	Chloride by SM4500C-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

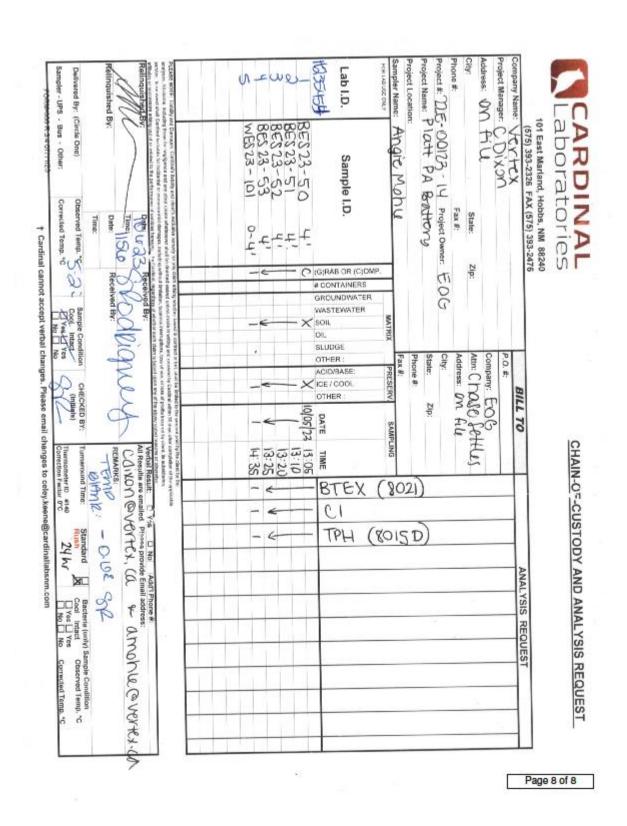
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Released to Imaging: 12/29/2023 7:55:04 AM



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.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 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) Regulated VOCs and Total Trihalomethanes (TTHM) Method EPA 524.2

Total Haloacetic Acids (HAA-5) Method EPA 552.2

Calley D. France -

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.

Celey D. Keene

Lab Director/Quality Manager

Page 1 of 24



Reported: 19-Oct-23 08:49

#### Analytical Results For:

VERTEX RESOURCE GROUP Project: PLATT PA BATTERY
420 SOUTH MAIN, SUITE 202 Project Number: 22E-00123-14

TULSA OK, 74103 Project Manager: CHANCE DIXON

Fax To: NA

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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#### 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

Reported: 19-Oct-23 08:49

Fax To: NA

BES 23 - 54 4' H235578-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Inorganic Compounds										
Chloride	2400		16.0	mg/kg	4	3101318	AC	13-Oct-23	4500-C1-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B	
Tolnene*	<0.050		0.050	mg/kg	50	3101215	ж	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	ж	12-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3101215	л	12-Oct-23	8021B	
Surrogate: 4-Bromoftworoberzene (PID)			103 %	71.5	-134	3101215	ж	12-Oct-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*	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-Oct-23	8015B	
Surrogate: 1-Chlorooctadecane			80.6 %	49.1	-148	3101213	MS	12-Oct-23	8015B	

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#### 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

Reported: 19-Oct-23 08:49

Fax To: NA

BES 23 - 57 4' H235578-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
Cardinal Laboratories											
Inorganic Compounds											
Chloride	16.0		16.0	mg/kg	4	3101318	AC	13-Oct-23	4500-C1-B		
Volatile Organic Compounds by I	EPA Method	8021									
Benzene*	<0.050		0.050	mg/kg	50	3101215	лн	12-Oct-23	8021B		
Tolnene*	<0.050		0.050	mg/kg	50	3101215	лн	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	ЛH	12-Oct-23	8021B		
Total BTEX	<0.300		0.300	mg/kg	50	3101215	лн	12-Oct-23	8021B		
Surrogate: 4-Bromoftworoberzene (PID)			107 %	71.5	-134	3101215	ж	12-Oct-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-Oct-23	8015B		
Surrogate: 1-Chlorooctadecane			80.6 %	49.1	-148	3101213	MS	12-Oct-23	8015B		

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#### 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

Reported: 19-Oct-23 08:49

Fax To: NA

BES 23 - 59 4' H235578-03 (Soil)

Andre	Result	MDL	Reporting Limit	Units	Dilution	Batch	Andres		Method	Mater
Analyte	Result	MDL	Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	d Laborat	ories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	3101318	AC	13-Oct-23	4500-C1-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	лн	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	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	Ж	12-Oct-23	8021B	
Surrogate: 4-Bromoftworobenzene (PID)			103 %	71.5	-134	3101215	ж	12-Oct-23	8021B	
Petroleum Hydrocarbons by G	CFID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
DRO =C10-C28*	229		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
EXT DRO =C28-C36	94.7		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
Surrogate: 1-Chlorooctane			72.1%	48.2	-134	3101213	MS	12-Oct-23	8015B	
Surrogate: 1-Chlorooctadecane			89.4%	49.1	-148	3101213	MS	12-Oct-23	8015B	

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#### 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

Reported: 19-Oct-23 08:49

Fax To: NA

BES 23 - 60 4' H235578-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	d Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	3101318	AC	13-Oct-23	4500-C1-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	лн	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	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	Ж	12-Oct-23	8021B	
Surrogate: 4-Bromoftworoberzene (PID	y		98.5 %	71.5	134	3101215	л	12-Oct-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-Oct-23	8015B	
Surrogate: 1-Chlorooctadecane			80.9 %	49.1	-148	3101213	MS	12-Oct-23	8015B	

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#### 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

Reported: 19-Oct-23 08:49

Fax To: NA

BES 23 - 58 4' H235578-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	d Laborat	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	3101318	AC	13-Oct-23	4500-C1-B	
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	ж	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	ж	12-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3101215	ж	12-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3101215	ж	12-Oct-23	8021B	
Surrogate: 4-Bromoftworobenzene (PID)			103 %	71.5	-134	3101215	ж	12-Oct-23	8021B	
Petroleum Hydrocarbons by Ge	CFID									
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-Oet-23	8015B	
Surrogate: 1-Chlorooctadecane			88.6 %	49.1	-148	3101213	MS	12-Oct-23	8015B	

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#### 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

Reported: 19-Oct-23 08:49

Fax To: NA

### WES 23 - 132 0-4' H235578-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	d Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	3101318	AC	13-Oct-23	4500-C1-B	
Volatile Organic Compounds by I	PA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	ЛН	12-Oct-23	8021B	
Tolnene*	<0.050		0.050	mg/kg	50	3101215	лн	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	лн	12-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3101215	лн	12-Oct-23	8021B	
Surrogate: 4-Bromoftworobenzene (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			72.5 %	48.2	-134	3101213	MS	12-Oct-23	8015B	
Surrogate: 1-Chlorooctadecane			82.6 %	49.1	-148	3101213	MS	12-Oct-23	8015B	

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#### Analytical Results For:

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

Project: PLATT PA BATTERY Project Number: 22E-00123-14

Reported: 19-Oct-23 08:49

Project Manager: CHANCE DIXON

Fax To: NA

### WES 23 - 134 0-4' H235578-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3101318	AC	13-Oct-23	4500-C1-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	лн	12-Oct-23	8021B	
Tolnene*	<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	лн	12-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3101215	Ж	12-Oct-23	8021B	
Surrogate: 4-Bromoftworoberzene (PID	)		98.3 %	71.5	-134	3101215	ж	12-Oct-23	8021B	
Petroleum Hydrocarbons by C	CFID									
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-Oct-23	8015B	
Surrogate: 1-Chlorooctadecane			74.8 %	49.1	-148	3101213	MS	12-Oct-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager

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#### 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

Reported: 19-Oct-23 08:49

Fax To: NA

BES 23 - 55 4' H235578-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
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	ж	12-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3101215	ж	12-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B	
Total Xylenes*	0.353		0.150	mg/kg	50	3101215	ж	12-Oct-23	8021B	GC-NC1
Total BTEX	0.353		0.300	mg/kg	50	3101215	л	12-Oct-23	8021B	GC-NC1
Surrogate: 4-Bromoftworobenzene (PID	)		150 %	71.5	-134	3101215	ж	12-Oct-23	8021B	
Petroleum Hydrocarbons by C	CFID									
GRO C6-C10*	<50.0		50.0	mg/kg	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-Oct-23	8015B	
Surrogate: 1-Chlorooctadecane			125 %	49.1	-148	3101213	MS	12-Oct-23	8015B	

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#### Analytical Results For:

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

Project: PLATT PA BATTERY Project Number: 22E-00123-14

Reported:

19-Oct-23 08:49

Project Manager: CHANCE DIXON

Fax To: NA

BES 23 - 56 4' H235578-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	d Laborat	ories					
Inorganic Compounds										
Chloride	1600		16.0	mg/kg	4	3101317	AC	13-Oct-23	4500-C1-B	QM-07
Volatile Organic Compounds by 1	EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	лн	12-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3101215	лн	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	ЛH	12-Oct-23	8021B	GC-NC1
Total BTEX	0.347		0.300	mg/kg	50	3101215	лн	12-Oct-23	8021B	GC-NC1
Surrogate: 4-Bromoftworoberzene (PID)			132 %	71.5	-134	3101215	лн	12-Oct-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-Oct-23	8015B	
Surrogate: 1-Chlorooctadecane			112 %	49.1	-148	3101213	MS	13-Oct-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager

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#### 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

Reported: 19-Oct-23 08:49

Fax To: NA

BES 23 - 61 4' H235578-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	d Laborat	ories					
Inorganic Compounds										
Chloride	2000		16.0	mg/kg	4	3101317	AC	13-Oct-23	4500-C1-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	лн	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	лн	12-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3101215	лн	12-Oct-23	8021B	
Surrogate: 4-Bromoftworobenzene (PID)	)		101 %	71.5	134	3101215	л	12-Oct-23	8021B	
Petroleum Hydrocarbons by G	CFID									
GRO C6-C10*	<10.0		10.0	mg/kg	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-Oct-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

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#### 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

Reported: 19-Oct-23 08:49

Fax To: NA

BES 23 - 62 4' H235578-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	d Laborat	ories					
Inorganic Compounds										
Chloride	7600		16.0	mg/kg	4	3101317	AC	13-Oct-23	4500-C1-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	лн	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	лн	12-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3101215	ЛH	12-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3101215	лн	12-Oct-23	8021B	
Surrogate: 4-Bromoftworoberzene (PID)			99.4%	71.5	-134	3101215	ж	12-Oct-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
DROC10-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-Oct-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

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#### 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

Reported: 19-Oct-23 08:49

Fax To: NA

BES 23 - 63 4' H235578-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
					_					
			Cardina	d Laborat	ories					
Inorganic Compounds										
Chloride	5680		16.0	mg/kg	4	3101317	AC	13-Oct-23	4500-C1-B	
Volatile Organic Compounds b	y 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	лн	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	Ж	12-Oct-23	8021B	
Surrogate: 4-Bromoftworoberzene (PID)	)		101 %	71.5	134	3101215	ж	12-Oct-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	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-Oct-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

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#### 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

Reported:

19-Oct-23 08:49

Fax To: NA

### WES 23 - 147 0-4' H235578-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	d Laborat	ories					
Inorganic Compounds										
Chloride	112		16.0	mg/kg	4	3101317	AC	13-Oct-23	4500-C1-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	Ж	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	лн	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	Ж	12-Oct-23	8021B	
Surrogate: 4-Bromoftworoberzene (PID)			102 %	71.5	134	3101215	ж	12-Oct-23	8021B	
Petroleum Hydrocarbons by G	CFID									
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-Oct-23	8015B	
Surrogate: 1-Chlorooctadecane			80.6 %	49.1	148	3101213	MS	12-Oct-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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#### 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

Reported: 19-Oct-23 08:49

Fax To: NA

### WES 23 - 148 0-4' H235578-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3101317	AC	13-Oct-23	4500-C1-B	
Volatile Organic Compounds l	y EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	лн	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	лн	12-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3101215	Ж	12-Oct-23	8021B	
Surrogate: 4-Bromoftworoberzene (PID)	)		103 %	71.5	-134	3101215	л	12-Oct-23	8021B	
Petroleum Hydrocarbons by C	CFID									
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-Oct-23	8015B	
Surrogate: 1-Chlorooctadecane			71.2 %	49.1	-148	3101213	MS	12-Oct-23	8015B	

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RAME NOTE: Liability and Designa. Carbolin's billity and destrict sociation remoty for any date noting, whether based in contact or sur, shall be listed to the amount past by client for subjects. All clients, sticking those for negligence are only offer contact without the destruction of the supplicable sension. In to execut shall calculate be labeled for incident or consequentic divines, in the control of the services because of the services because of the services because or subsequentic divines, affiliates or successors arising out of or mixed to the performance of the services because or exhault necessary of the destruction demonstrates.

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Celey D. Keene, Lab Director/Quality Manager

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#### 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

Reported: 19-Oct-23 08:49

Fax To: NA

### WES 23 - 149 0-4' H235578-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin:	al Laborat	tories					
Inorganic Compounds										
Chloride	608		16.0	mg/kg	4	3101317	AC	13-Oct-23	4500-C1-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	Ж	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	ж	13-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3101215	л	13-Oct-23	8021B	
Surrogate: 4-Bromoftworobenzene (PID	)		103 %	71.5	-134	3101215	ж	13-Oct-23	8021B	
Petroleum Hydrocarbons by C	CFID									
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-Oct-23	8015B	
Surrogate: 1-Chlorooctadecane			83.4%	49.1	-148	3101213	MS	12-Oct-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager

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#### 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

Reported: 19-Oct-23 08:49

Fax To: NA

WES 23 - 149 0-4' H235578-15RE1 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	544		16.0	mg/kg	4	3101317	AC	17-Oct-23	4500-C1-B	

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Celey D. Keene, Lab Director/Quality Manager

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#### 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

Reported: 19-Oct-23 08:49

Fax To: NA

## Inorganic Compounds - Quality Control

#### Cardinal Laboratories

		Reporting	**	Spike	Source	*****	%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	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	

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Celey D. Keene, Lab Director/Quality Manager

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#### 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

Reported: 19-Oct-23 08:49

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-Bromoftworobenzene (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-Bromoftworoberzene (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-Bromoftworobenzene (PID)	0.0495		mg/kg	0.0500		99.1	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager

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#### 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

Reported: 19-Oct-23 08:49

Fax To: NA

# Petroleum Hydrocarbons by GC FID - Quality Control

## Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
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-Chlorosctane	425		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			
GRO 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-Chlorosctane	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			
LCS Dup (3101213-BSD1)				Prepared &	Analyzed:	12-Oct-23				
GRO C6-C10	186	10.0	mg/kg	200		93.0	66.4-123	4.91	17.7	
DRO >C10-C28	194	10.0	mg/kg	200		97.1	66.5-118	5.29	21	
Total TPH C6-C28	380	10.0	mg/kg	400		95.0	77.6-123	5.10	18.5	
Surrogate: 1-Chlorooctane	44.5		mg/kg	50.0		89.0	48.2-134			
Surrogate: 1-Chlorooctadecane	48.7		mg/kg	50.0		97.5	49.1-148			

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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#### **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 22 of 24

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Yes UND 3	TPH (6015 D)	>	
		ANALYSIS REQUEST	
Joney Sample Condition act Observed Temp 'C		ST	



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 <a href="https://www.tceq.texas.gov/field/ga/lab.accred.certif.html">www.tceq.texas.gov/field/ga/lab.accred.certif.html</a>.

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)

Celegration -

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Page 1 of 20



#### Analytical Results For:

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

 Received:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

Sampling Date: 10/12/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: EOG

### Sample ID: BES 23 - 64 4' (H235721-01)

BTEX 8021B	(H235/21-01) 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	
Ethylberizene*	< 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 (Pl.	E 98.4	% 71.5-13	14						
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 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	14						
Surrogate: 1-Chloroctadecane	120	% 49.1-14	18						

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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#### Analytical Results For:

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

 Received:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

Project Number: 22E-00123-14
Project Location: EOG

Sampling Date: 10/12/2023 Sampling Type: Soil

Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BES 23 - 65 4' (H235721-02)

BTEX 8021B Analyzed By: MS Reporting Limit True Value QC < 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 7.35 0.050 10/20/2023 2.12 106 2.00 6.37 Ethylbenzene<sup>4</sup> < 0.050 ND Total Xylenes\* <0.150 0.150 10/20/2023 ND 6.39 106 6.00 5.92 Total BTEX 10/20/2023 < 0.300 0.300 ND Surrogate: 4-Bromoflu 97.8 % 71.5-134 Chloride, SM4500CI-B Analyzed By: AC Qualifier Reporting Limit BS True Value QC RPD

512 10/20/2023 432 16.0 ND 108 400 0.00 TPH 8015M Analyzed By: MS Reporting Limit Method Blank BS True Value OC RPD GRO 05-C10\* 196 <10.0 10.0 10/19/2023 ND 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 10.0 10/19/2023 ND

Surrogate: 1-Chlorooctane 89.3 % 48.2-134
Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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#### Analytical Results For:

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

Received: 10/19/2023 10/20/2023 Reported: PLATT PA BATTERY Project Name: Project Number: 22E-00123-14

Sampling Date: 10/12/2023 Sampling Type: Soil Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Project Location: EOG

## nie ID: RFS 23 - 67 4' (H235721-03)

Sample ID: BES 23 - 67 4' BTEX 8021B		(H235721-03) 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*	0.085	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					
Surrogate: 4-Bromofluorobenzene (F	TE 106 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d 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	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*	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	% 49.1-14	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:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

Sampling Date: 10/12/2023
Sampling Type: Soil
Sampling Condition: Cool & Intac

Sample Received By:

Cool & Intact Tamara Oldaker

Project Location: EOG

### Sample ID: BES 23 - 68 4' (H235721-04)

Sample 10: DES 23 - 00 4 (1)	233/21	U-1)							
BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Berzene*	< 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-NC
Total BTEX	0.313	0.300	10/20/2023	ND					GC-NC
Surrogate: 4-Bromofluorobenzene (PIL	107	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	1840	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	Qualifie
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-Chloroctadecane 121 % 49.1-148

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#### Analytical Results For:

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

 Received:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

 Project Location:
 EOG

 Sampling Date:
 10/12/2023

 Sampling Type:
 Soil

 Sampling Condition:
 Cool & Intact

Sample Received By: Tamara Oldaker

## Sample ID: BES 23 - 70 4' (H235721-05)

Sample ID: BES 23 - 70 4 BTEX 8021B				45					
B1EX 8021B	mg/	Ng .	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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 96.1	% 71.5-13	14						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d 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	14						
Surrogate: 1-Chlorooctadecane	81.6	% 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: 10/19/2023 10/20/2023 Reported: PLATT PA BATTERY Project Name:

Project Number: 22E-00123-14 Project Location: EOG

Sampling Date: 10/12/2023 Sampling Type: Soil

Cool & Intact Sampling Condition: Sample Received By: Tamara Oldaker

## -In TD: DEC 32 - 74 41 (U33E734-06)

Sample ID: BES 23 - 71 4' ( BTEX 8021B	.H235721) mg/		Analyze	d 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 (Pl	E 95.9	% 71.5-13	14						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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 06-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >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	14						
Surrogate: 1-Chloroctadecane	104	% 49.1-14	08						

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#### Analytical Results For:

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

 Received:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

EOG

Sampling Type: Sampling Condition: Sample Received By:

Sampling Date:

10/12/2023 Soil

: Cool & Intact y: Tamara Oldaker

Sample ID: BES 23 - 72 4' (H235721-07)

Project Location:

Sample ID: BES 23 - 72 4' BTEX 8021B		H235721-07) 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 (I	PIE 95.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d 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	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*	52.0	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	49.6	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	6 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:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

 Project Location:
 EOG

Sampling Date: 10/12/2023
Sampling Type: Soil
Sampling Condition: Cool & Intac

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: BES 23 - 73 4' (H235721-08)

Sample 1D: BES 23 - 73 4* BTEX 80218		(H235/21-08) 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 (I	PIE 95.0	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	
DRO >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	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.4	6 49.1-14	R						

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#### Analytical Results For:

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

 Received:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

 Project Location:
 EOG

 Sampling Date:
 10/12/2023

 Sampling Type:
 Soil

 Sampling Condition:
 Cool & Intact

Sample Received By: Tamara Oldaker

## Sample ID: BES 23 - 74 4' (H235721-09)

Sample ID: BES 23 - 74 4' BTEX 8021B	-H235721) mg		Analyze	d 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 (Pi	ID 95.1	% 71.5-13	14						
Chloride, SM4500CI-B	mg/	/kg	Analyze	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	14						
Surrogate: L-Chloroctadecane	105	% 49.1-14	18						

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#### Analytical Results For:

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

 Received:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

 Project Location:
 EOG

Sampling Date: 10/12/2023
Sampling Type: Soil
Sampling Condition: Cool & Intac

Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: BES 23 - 75 4' (H235721-10)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	93.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	3520	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	Qualifie
GRO 06-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	% 48.2-13	4						

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#### Analytical Results For:

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

Received: 10/19/2023 10/20/2023 Reported: PLATT PA BATTERY Project Name: Project Number: 22E-00123-14 Project Location: EOG

Sampling Date: 10/12/2023 Sampling Type: Soil Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

## -In TD: DEC 32 - 76 41 (U33E734-11)

Sample ID: BES 23 - 76 4' ( BTEX 8021B	-H235721) mg/		Analyze	d 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	
Ethylberzene*	< 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 (Pl	E 104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	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	10/20/2023	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	% 48.2-13	4						
Surrogate: 1-Chloroctadecane	98.2	% 49.1-14	R						

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10/13/2023

#### Analytical Results For:

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

 Received:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

EOG

Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sampling Date:

Sample ID: BES 23 - 78 4' (H235721-12)

Project Location:

Sample ID: BES 23 - 78 4' ( BTEX 8021B	.H235721) mg/	-	Analyze	d 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 (Pl	IL 103	% 71.5-13	14						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	14						
Surrogate: L-Chloroctadecane	106	% 49.1-14	08						

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#### Analytical Results For:

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

Received: 10/19/2023 10/20/2023 Reported: PLATT PA BATTERY Project Name: Project Number: 22E-00123-14

Sampling Date: 10/13/2023 Sampling Type: Soil Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Project Location: EOG

## -la TD: BEC 32 - 70 41 (U32E734-12)

Sample ID: BES 23 - 79 4' BTEX 8021B	(H235721- mg/		Analyze	d 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 (P.	IL 103	% 71.5-13	14						
Chloride, SM4500CI-B	mg/	/kg	Analyze	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 05-C10*	<10.0	10.0	10/20/2023	ND	196	98.1	200	4.26	
DRO >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: L-Chloroctadecane	102	% 49.1-14	18						

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#### Analytical Results For:

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

 Received:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22F-00123-14

Project Number: 22E-00123-14
Project Location: EOG

Sampling Date: 10/13/2023 Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

## Sample ID: BES 23 - 80 4' (H235721-14)

Sample ID: BES 23 - 80 4' BTEX 8021B	(H235721- mg/		Analyze	d 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	
Ethylberzene*	< 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 (P.	TE 103 9	6 71.5-13	14						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	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	10/20/2023	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	14						
Surrogate: 1-Chlorocetadecane	1159	6 49.1-14	18						

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#### Analytical Results For:

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

Received: 10/19/2023 10/20/2023 Reported: PLATT PA BATTERY Project Name: Project Number: 22E-00123-14 Project Location: EOG

Sampling Type: Sampling Condition: Sample Received By:

Sampling Date:

10/13/2023 Soil

Cool & Intact Tamara Oldaker

Sample ID: BES 23 - 66 5'	(H235721-	15)							
BTEX 8021B	mg/	/kg	Analyze	d 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 (P.	III. 112 9	% 71.5-13	14						
Chloride, 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	10/20/2023	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	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	14						
Surrogate: 1-Chlorooctadecane	99.7	% 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:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

Sampling Date: 10/13/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: EOG

#### Sample ID: BES 23 - 77 5' (H235721-16)

Sample 1D: BES 23 - 77 5' ( BTEX 8021B	H235/21- mg/		Analyze	d 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 (Pl	L 105	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed 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	4						
Surrogate: 1-Chlorooctadecane	92.8	% 49.1-14	8						

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## **Notes and Definitions**

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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 SM4500C-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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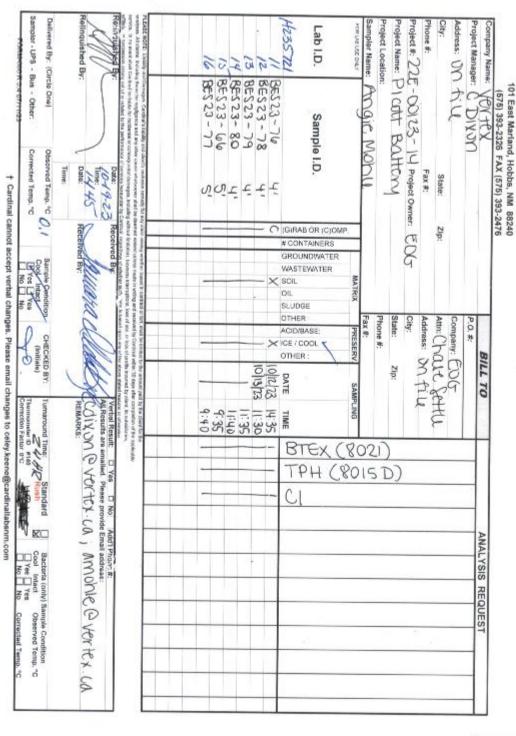
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Address: JAN FILE  PRESERV  CITY:  PRESERV  JOHER:  ACID/BASE:  AC	ROCKING WAS TOWN THE BY	Sample I.D.  Sample I.D.  Sample I.D.  Sample I.D.  Sec. 23-65  BES. 23-65  BES. 23-71  BES. 23-72  BES. 23-72  BES. 23-72  BES. 23-72  BES. 23-73  BES. 23-74  BE
V24	V24	Address: On Fig.
BILL TO ANALYSIS REQUEST		Project Manager:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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.

Celegration -

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

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#### Analytical Results For:

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

Received: 10/19/2023 Reported: 10/20/2023 Project Name: PLATT TANK BATTERY Project Number: NONE GIVEN

NONE GIVEN

Sampling Date: 10/17/2023 Sampling Type: Soil Sampling Condition:

Cool & Intact

Sample Received By: Tamara Oldaker

### Sample ID: BES 23 - 55 6' (H235720-01)

Project Location:

BTEX 8021B	mg/	•	Analyze	d By: JH					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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-NC
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-NC
Surrogate: 4-Bromofluorobenzene (PIL	135 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	Qualifie
GRO C6-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: I-Chlomoctadecane	178	6 49.1-14	e e						

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10/17/2023

Soil

### Analytical Results For:

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

Received: 10/19/2023 Sampling Date: 10/20/2023 Reported: Sampling Type:

PLATT TANK BATTERY Cool & Intact Project Name: Sampling Condition: Project Number: NONE GIVEN Sample Received By: Tamara Oldaker Project Location: NONE GIVEN

Sample ID: BES 23 - 56 6' (H2	235720-0	2)							
BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualific
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	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	Qualifie
GRO C6-C10*	931	100	10/19/2023	ND	206	103	200	1.90	
DRO >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	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	149	6 49.1-14	8						

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10/17/2023

Soil

### Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 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: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker
Project Location: NONE GIVEN

### Sample ID: WES 23 - 151 14' (H235720-03)

Sample ID: WES 23 - 151 14'	(H23572	0-03)							
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*	< 0.500	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	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed 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	6 48.2-13	4						
Surrogate: 1-Chlomoctadecane	198	6 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:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT TANK BATTERY

 Project Number:
 NONE GIVEN

NONE GIVEN

173 %

175 %

48.2-134

49.1-148

 Sampling Date:
 10/17/2023

 Sampling Type:
 Soil

 Sampling Condition:
 Cool & Intac

Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: WES 23 - 152 14' (H235720-04)

Project Location:

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

BTEX 8021B Analyzed By: JH Reporting Limit True Value QC < 0.050 0.050 10/20/2023 ND 2.16 108 2.00 2.19 0.297 0.050 10/20/2023 ND 2.08 104 3.71 GC-NC1 2.81 0.050 10/20/2023 2.17 108 2.00 ND 4.59 Total Xylenes\* 7.05 0.150 10/20/2023 ND 6.53 109 6.00 5.05 Total BTEX 10/20/2023 GC-NC1 10.2 0.300 ND Surrogate: 4-Bromofluorobenzene (PIL 143 % 71.5-134 Chloride, SM4500CI-B Analyzed By: AC Reporting Limit BS True Value QC RPD Qualifier 10/20/2023 432 0.00 832 16.0 ND 108 400 TPH 8015M Analyzed By: MS Reporting Limit Method Blank BS True Value QC RPD GRO C6-C10\* 206 103 319 100 10/19/2023 ND 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

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### Analytical Results For:

VERTEX RESOURCE GROUP CHANCE DIXON 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 8' (H235720-05)

Sample ID: BES 23 - 69 8' (H2 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*	0.598	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 9	% 71.5-13	4						
Chloride, SM4500CI-B	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
GRO C6-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	1175	% 48.2-13	4						
Surrogate: I-Chloroctadecane	1239	6 49.1-14	*						

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### Analytical Results For:

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

Received: 10/19/2023 10/20/2023 Reported: PLATT TANK BATTERY Project Name:

Project Number: NONE GIVEN Project Location: NONE GIVEN

Sampling Date: 10/17/2023 Soil

Sampling Type: Cool & Intact Sampling Condition: Sample Received By: Tamara Oldaker

BTEX 8021B	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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-NC
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-NCI
Surrogate: 4-Bromofluorobenzene (PIL	195 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed 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
GRO C6-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 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	1769	6 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:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT TANK BATTERY

Project Name: PLATT TANK BATTERY
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 10/17/2023 Sampling Type: Soil

Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: BES 23 - 69 12' (H235720-07)

BTEX 80218	mg/	'kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	Qualifie
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 9	16 48.2-13	4						
Surrogate: 1-Chlomoctadecane	86.3	% 49.1-14	e e						

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### Analytical Results For:

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

 Received:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT TANK BATTERY

Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 10/17/2023 Sampling Type: Soil

Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: BES 23 - 69 10' (H235720-08)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	Qualifie
GRO C6-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 9	16 48.2-13	4						
Surrogate: 1-Chlomoctadecane	1745	6 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:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT TANK BATTERY

 Project Number:
 NONE GIVEN

NONE GIVEN

Sampling Date: 10/17/2023
Sampling Type: Soil
Sampling Condition: Cool & Intac

Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: WES 23 - 153 14' (H235720-09)

Project Location:

Sample 1D: WES 23 - 153 1/ BTEX 8021B		mg/kg		Analyzed By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.088	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-NC
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-NC
Surrogate: 4-Bromofluorobenzene (F	IE 139	% 71.5-13	14						
Chloride, SM4500CI-B	mg	/kg	Analyze	Analyzed 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
GRO C6-C10*	194	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.5	% 49.1-14	18						

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10/18/2023

Soil

Sampling Date:

Sampling Type:

### Analytical Results For:

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

Received: 10/19/2023

Reported: 10/20/2023

Project Name: PLATT TANK BATTERY

Project Name: PLATT TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker
Project Location: NONE GIVEN

### Sample ID: WS 23 - 154 (H235720-10)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualific
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	
Ethylberzene*	< 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	120 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	32.0	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	Qualifie
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	4						
Surrogate: I-Chloroctadecane	78.4	% 49.1-14							

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10/18/2023

Soil

### Analytical Results For:

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

 Received:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT TANK BATTERY

Project Name: PLATT TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker
Project Location: NONE GIVEN

Sampling Date:

Sampling Type:

### Sample ID: WS 23 - 155 (H235720-11)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualific
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	
Ethylberizene*	< 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	1139	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	64.0	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	Qualifie
GRO 05-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >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	4						
Surrogate: 1-Chloroctadecane	89.8	% 49.1-14							

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10/18/2023

Soil

### Analytical Results For:

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

 Received:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT TANK BATTERY

Project Name: PLATT TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker
Project Location: NONE GIVEN

Sampling Date:

Sampling Type:

# Sample ID: WS 23 - 156 (H235720-12)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	99.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	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	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	80.2	% 48.2-13	4						
Surrogate: 1-Chloroctadecane	91.4	% 49.1-14	*						

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10/18/2023

### Analytical Results For:

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

Received: 10/19/2023 Sampling Date: 10/20/2023 Reported: Sampling Type:

Soil PLATT TANK BATTERY Cool & Intact Project Name: Sampling Condition: Project Number: NONE GIVEN Sample Received By: Tamara Oldaker Project Location: NONE GIVEN

# Sample ID: WS 23 - 156 (H235720-12)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualific
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)	99.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	80.0	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	Qualifie
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	4						
Surrogate: 1-Chloroctadecane	91.4	% 49.1-14							

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### **Notes and Definitions**

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
5-04	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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Wanager: Wan	Project Owner:  Fax #:  Project Owner:  Fax #:  Project Owner:  Fax #:  Project Owner:  Fax #:  Fax #:	SOL MATRIX OIL SLUDGE OTHER Phone ACIDEASE: PRE	ANALYSIS REQUEST
A WES	Times	A CONTRACTOR OF THE CONTRACTOR	4:30 4:50 10:10 10

Page 15 of 16

101 East Marland, Hobbs, NM 88240 (575) 393-2328 FAX (575) 393-2476  me: Vertex (EQG)  gen: Chance Dixon On file State: Zip: Fax #:  Project Owner:  Plat It hak BATTEN Project Owner:  Plat It Fax #:  Project Owner:  Plat It Fax #:  Project Owner:  Fax #:  Project Owner:  Plat It Fax #:  Project Owner:  Fax #:  Fax #:  Project Owner:  Fax #:  Project Owner:  Gen Chance On file  State: Zip:  Fax #:  Project Owner:  Fax #:  Project Owner:  Fax #:  Project Owner:  Fax #:  Fax #:  Project Owner:  Fax #:  Fax #	### Marland, Hobbs, NM 88240  93-2328 FAX (575) 393-2476  FEX X (EQG)  And C D X (On  Fax X:  Fax X:  Project Owner.  Fax X:  Phone X:  Fax X:  Phone X:  Fax X:	Access NOTE: Leading of Corrupts. Commissional Advances in collecting these for modified states in collecting these for modified states in collecting the first states in collecting unlast here By:  Relimquished By:  Relimquished By:  Circle One)  Sampler - UPS - Bus - Other:	H235720 12 WS 12 WS	POR UNITED IN THE PARTY OF THE	. 8	ime:	Project #:	City	Address:	Project Manager:	101 (6 Company Name:
83.2476  83.2476  83.2476  83.2476  84. CONTAINERS  GROUNDANATER  WASTEWATER  WASTEWATER  COST Intendition  OIL  SLUDGE  SLUDGE  SLUDGE	SAMPLIA  SAMPLIA  SAMPLIA  SAMPLIA  COMPANIES  GROUNDAN, TER  WATROX  PRESERVI  Address:  City:  Address:  City:  SAMPLIA  Address:  City:  Phono #:  Fax #:  Fax #:  SAMPLIA  Address:  City:  Address:  City:  Phono #:  Fax #:  Fax #:  SAMPLIA  Address:  City:  Address:  Address:  City:  Address:  Ad	Laboration flexible and control mechanics are made in recognitions and day when we are exclusions and but has be recognitive as the polymerate and control mechanics and the polymerate and control mechanics are polymerate and control mechanics are made in the polymerate and control mechanics are made in the polymerate and control mechanics are polymerated as a polymerat	13-154 13-155 23-156	Sample I.D.		Tank BA	Fax #:	Statu:	DU FIRE	Chance Dixon	1 East Marland, Hobbs, NN 576) 393-2326 FAX (575) 3
	PO. #: EO G Company: Q. q. E. V. Address: City: State: Zip: Phone #: Fax #: SAMPUM ACID:BASS OTHER: OTHER OTHER OTHER OTHER: OTHER O	To any date of the particular flower is contract of the contra	GROUN WASTEL SOL OIL SUDGE	AINERS DANATER WATER MATER				Zip:			M 88240 93-2476
TIME  THE DATE OF CONTROL OF CONT		Email address:  [+ex.ca Bacteris (only) Coal interts  Lyas Ches								ANALYSIS REQUEST	
ANALYSIS RE  ANALY	ANALYSIS REQUIRED TO THE PROPERTY OF THE PROPE	Sample Condition Observed Temp. 'C								JEST	

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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 <a href="https://www.tceq.texas.gov/field/ga/lab.accred.certif.html">www.tceq.texas.gov/field/ga/lab.accred.certif.html</a>.

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)

Celegration -

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

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### Analytical Results For:

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

 Received:
 10/26/2023

 Reported:
 10/30/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

 Project Location:
 EOG

Sampling Date: 10/23/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact

Sample Received By: Shalyn Rodriguez

# Sample ID: WES 23 - 160 4-14' (H235873-01)

BTEX 8021B	* (H2336 mg/		Analyze	d By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualific
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 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	448	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	Qualifie
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 9	6 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:
 10/26/2023

 Reported:
 10/30/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

 Project Location:
 EOG

Sampling Date: 10/23/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact

Sample Received By: Shalyn Rodriguez

# Sample ID: WES 23 - 161 4-14' (H235873-02)

Sample ID: WES 23 - 161 4-14 BTEX 8021B	4" (H235) mg/		Analyze	d 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 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	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 C6-C10*	12.2	10.0	10/27/2023	ND	194	97.0	200	3.26	
DRO >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 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	6 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: 10/26/2023 10/30/2023 Reported: PLATT PA BATTERY Project Name: Project Number: 22E-00123-14 Project Location: EOG

Sampling Date: 10/23/2023 Sampling Type: Soil Cool & Intact Sampling Condition: Sample Received By:

Shalyn Rodriguez

# 

Sample 1D: WES 23 - 162 4-14 BTEX 8021B	4" (H235) mg/		Analyze	d 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 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	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 C6-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	1179	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	6 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: 10/26/2023 10/30/2023 Reported: PLATT PA BATTERY Project Name: Project Number: 22E-00123-14

10/23/2023 Sampling Date: Sampling Type: Soil Sampling Condition: Sample Received By:

Cool & Intact Shalyn Rodriguez

Project Location: EOG

### ple ID: WES 23 - 163 4-14' (H235873-04)

BTEX 8021B	mg/	'kg	Analyze	d By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualific
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 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	1220	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	Qualifie
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	4						
Surrogate: I-Chloroctadecane	107 9	6 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:
 10/26/2023

 Reported:
 10/30/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

Sampling Date: 10/24/2023
Sampling Type: Soil
Sampling Condition: Cool & Intac

Sample Received By:

Cool & Intact Shalyn Rodriguez

Project Location: EOG

# Sample ID: BES 23 - 55 16' (H235873-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	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-NC
Total BTEX	0.442	0.300	10/27/2023	ND					GC-NC
Surrogate: 4-Bromofluorobenzene (PIL	125	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	Qualifie
GRO C6-C10*	36.3	10.0	10/27/2023	ND	194	97.0	200	3.26	
DRO >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	6 48.2-13	4						

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### **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.
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 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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Table built in the formage. Comment datable and identify actuate you and you are produced to the control of the formage of the	Project Name: PLOTT BOTTONY  Project Location:  Project Location:  Sample Location:  Sample NODIC MODIC  Providuzion:  Sample I.D.  Sample I.D.  Sample I.D.  Providuzion:  Prox. #  Propride Notice   Propride   Propride #  Propride Notice   Propride Notice   Propride   Propride #  Propride Notice   Propride Notice   Propride   Propride	State: Zip:	100 3
Transport of the field in the smaller pick of the state of the state of the smaller pick of the smaller pi	ACIDIBASE  ACIDIBASE  X ICE (COOL  OTHER  TIME  TIME  13:50  X BTEX (8021)  X TPH (8015 D)  X CI	PO.# Company: EOG Attn:Chqse Nothu	BILL TO ANALYSIS REQUEST

Page 8 of 8



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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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)

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Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



# Analytical Results For:

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

Received: 11/02/2023 Reported: 11/06/2023 Project Name: PLATT PA BATTERY

Project Number: 22E-00123-14

Project Location: **EOG**  Sampling Date: 10/31/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

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 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	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						
	00.6	0/ 40.1.14	0						

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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Celey D. Keene

S-04



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

# 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: Sample Received By: 22E-00123-14 Dionica Hinojos

Applyzod By: 14

Project Location: **EOG** 

# Sample ID: BES 23-56 12' (H236028-02)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					5-04
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, SM4500CI-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-Chloroctadecane	104	% 49 1-14	18						

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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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

Applyzod By: 14

Project Location: EOG

# Sample ID: BES 23-82 4' (H236028-03)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
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, SM4500CI-B	mg,	/kg	Analyze	ed 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	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	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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# Analytical Results For:

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

Received: 11/02/2023 Reported: 11/06/2023

Project Name: PLATT PA BATTERY Project Number: 22E-00123-14

Project Location: **EOG**  Sampling Date: 10/31/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

# 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, SM4500CI-B	mg/	'kg	Analyzed 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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# 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

Analyzed By: JH

Project Location: EOG

### Sample ID: BES 23-84 4' (H236028-05)

BTEX 8021B

DIEX GOZID	mg/	r r g	Allulyzo	.u by. 511					
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, SM4500CI-B	mg,	/kg	Analyze						
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	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	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Celey D. Keene



# 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

Analyzed By: JH

Project Location: EOG

### Sample ID: BES 23-85 4' (H236028-06)

BTEX 8021B

	9	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, SM4500CI-B	mg,	/kg	Analyzed 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	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	92.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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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

Analyzed By: JH

Project Location: EOG

### Sample ID: BES 23-86 4' (H236028-07)

BTEX 8021B

	<u> </u>			• •					
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	Analyzed 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	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2023	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 Reported: 11/06/2023 Project Name: PLATT PA BATTERY

Project Number: 22E-00123-14

Project Location: **EOG**  Sampling Date: 10/31/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

# 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, SM4500CI-B	mg/	/kg	Analyzed 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

Analyzed By: JH

Project Location: EOG

### Sample ID: BES 23-88 4' (H236028-09)

BTEX 8021B

DIEX GOZID	11197	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, SM4500CI-B	mg,	/kg	Analyze	ed 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	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	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.0	% 49.1-14	8						

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Celey D. Keene



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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 Reported: 11/06/2023 Project Name: PLATT PA BATTERY

Project Number: 22E-00123-14

Project Location: **EOG**  Sampling Date: 10/31/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

# 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 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	3280	16.0	11/06/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS				10.6 10.4 11.1 10.4	
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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	140	% 49 1-14	8						

140 % Surrogate: 1-Chlorooctadecane 49.1-148

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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	ed 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, SM4500CI-B	mg	/kg	Analyze	ed 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	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	11/03/2023	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

Analyzed By: JH

Project Location: EOG

# Sample ID: BES 23-89 4' (H236028-12)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 311					
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, SM4500CI-B	mg,	/kg	Analyzed 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

Analyzed By: JH

Project Location: EOG

### Sample ID: BES 23-90 4' (H236028-13)

BTEX 8021B

DILX GOZID	iiig/	, kg	Allulyzo	.u by. 511					
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, SM4500CI-B	mg,	/kg	Analyze	ed 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	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	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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11/01/2023

Sampling Date:

### Analytical Results For:

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

Received: 11/02/2023

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 5	% 71.5-13	4						
Chloride, SM4500CI-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
Reported: 11/06/2023
Project Name: PLATT PA BATTERY

Project Name: PLATT PA BATTERY
Project Number: 22E-00123-14

Project Location: EOG

Sampling Date: 11/01/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

### Sample ID: BES 23-92 4' (H236028-15)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a 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, SM4500CI-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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

Applyzod By: 14

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11/01/2023

Sampling Date:

### Analytical Results For:

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

Received: 11/02/2023

Reported:11/06/2023Sampling Type:SoilProject Name:PLATT PA BATTERYSampling Condition:Cool & IntactProject Number:22E-00123-14Sample Received By:Dionica Hinojos

Analyzed By: JH

Project Location: EOG

### Sample ID: BES 23-93 4' (H236028-16)

BTEX 8021B

DIEX GOZID	11197	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, SM4500CI-B	mg,	/kg	Analyze	ed 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	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	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						

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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 Reported: 11/06/2023 Project Name: PLATT PA BATTERY

22E-00123-14

Project Location: **EOG** 

Project Number:

Sampling Date: 11/01/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

### 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, SM4500CI-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						

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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 Sample Received By: Project Number: 22E-00123-14 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	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 9	% 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 Reported: 11/06/2023 Project Name: PLATT PA BATTERY

Project Number: 22E-00123-14

Project Location: **EOG**  Sampling Date: 11/01/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

### 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	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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### 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

Analyzed By: JH

Project Location: EOG

### Sample ID: BES 23-97 4' (H236028-20)

BTEX 8021B

DILX GOZID	11197	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, SM4500CI-B	mg,	/kg	Analyze	ed 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	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	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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### 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

Analyzed By: JH

Project Location: EOG

### Sample ID: BES 23-98 4' (H236028-21)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, SM4500CI-B	mg,	/kg	Analyze	d 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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### **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 SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg D. Freene

Relinquished By:

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

0bserved Temp. °C

Date:

Time:

Corrected Temp. °C

Sample Condition
Cool Intact
Yes Yes
No No

CHECKED BY: (Initials)

Turnaround Time:

Thermometer ID #140 Correction Factor 0°C

Standard Rush 48 M

Bacteria (only) Sample Condition
Cool Intact Observed Temp.

| Yes | Yes | Yes | No | Corrected Temp.

Observed Temp. °C Corrected Temp. °C

### CHAIN OF CUSTODY AND ANALYSIS REQUEST



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

CONTRACTOR OF THE PROPERTY OF	(0:0) 000 1010 : (0:0) 000 -:	3												-	-			
Company Name:	" くさつお×			1	BILL TO					\ \ \	ANALYSIS		REQUEST	EST				
Project Manager: ( , (	"C.Dixon		F	P.O. #:										_				
Address: On	た。		0	Company: EUG	50G													
City:	State:	Zip:	_	Attn:CD	Attn: Chase Sett	7					08							
Phone #:	Fax #:			Address:	on file	d					_							
Project #: 22E	Project #: 22E-00123-14 Project Owner:	E06		City:														
Project Name:	Platt PA Batton		(0	State:	Zip:													
Project Location	n.			Phone #:			)	)										
Sampler Name:	Angin Month		7	Fax #:			21	5 [										
FOR LAB USE ONLY			MATRIX	PRESERV		SAMPLING	30	119								,		
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Lab I.D.	Sample I.D.	G)RAB OR (C) CONTAINER	GROUNDWAT WASTEWATER SOIL DIL SLUDGE	OTHER: ACID/BASE: CE / COOL	DATE	TIME	BTEX	TPH (	CI						3			
	BES23-55 20'	Ω	×	×	03123	8 11:00	×	×	Y						8			
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Cu						07:40												
4	BES23-83 41					3:45												9
5	BES23-84 4'					13:50												
6						13:55												
ン	BES23-86 4					14:00									,			-
8	1					35.												
8	BES 23-88 4"					01:11			=									
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PLEASE NOTE: Liability and analyses. All claims includi service. In no event shall Caffliates or successors arisis	lient's exclusive r cause whatso equental dama	claim arising claim arising emed waive without limitate rdinal, regard	remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the were shall be deemed waked unless made in writing and received by Cardinal within 30 days after completion of the ges, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiarie ges, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.	tort, shall be lim eceived by Cardi ss of use, or loss based upon any	ited to the amount p nal within 30 days at of profits incurred by of the above stated	aid by the client for ter completion of th client, its subsidiari easons or otherwis	the e applicable es, e.	0				×						
Relingdished By:	Patr	Receiv	Received By:		ē	Verbal Result: ☐ Yes ☐ No Add'l Phone #:   All Results are emailed. Please provide Email address:	sult: are em	☐ Yes	□ No lease pro	lo /	Add'l Phone #: e Email address	one #: ddress:						
MILL	Time: 04	2	3.	1		Cdixon	101	1	FORTEX.CA	()	٠.		7	amonte o vertex. Ca	(A)	2	S	
Relinquished By:	y: Date:	Receiv	Received By:			REMARKS:				0	_							

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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

Corrected Temp. °C

Sample Condition
Cool Intact
Yes Yes
No No

CHECKED BY:

Turnaround Time: Thermometer ID #140 Correction Factor 0°C

Standard Rush 8

X

Bacteria (only) Sample Condition
Cool Intact Observed Temp
Yes Yes
No No Corrected Temp

Corrected Temp. °C Observed Temp. °C

Time; 20 Streed Temp. °C-1.34

## CHAIN-OF-CUSTODY AND ANA LYSIS REQUEST



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

Company Name: V	Vertx									BILL	170						AN	ANALYSIS			REQUEST	7				1000
Project Manager: (	DIXON							P.O. #	#								$\exists$	$\dashv$		$\dashv$	$\perp$					
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City:		State:	Zip:				_	ttn:	S	200	Attn: Chase settle	te														
Phone #:	_	Fax #:					_	ddre	:SS:	3	Address: On Ale		я												-	
Project #: 22E-00123-14	20123-14 F	Project Owner:		E06	ч		_	City:																14		
Project Name: Platt PA Batton	Att PA BO	TEN.					(0	State:		Z	Zip:	,												31		
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Sampler Name: A	Angir Mohu	Q					77	Fax #:					21	5 1												
FOR LAB USE ONLY	٥			П	M	MATRIX		PR	PRESERV	?	SAMPLING	ING	30	15							7					
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# CHAIN-OF-SUSTODY AND ANALYSIS REQUEST

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

Company Name: YEXTEX	BILL TO	ANALYSIS REQUEST	
Project Manager: C DIXON	P.O. #:		
Address: On file	company: EOG		
City: State: Zip:	Attn: Chase Settle	~ 	
Phone #: Fax #:	Address: On file		
Project #: 22E-00123-14 Project Owner: EDG		>	
sattony	State: Zip:		
Project Location:	Phone #:	)	
Sampler Name: Angic Mohit	Fax #:	- Maria	
	PRESERV. SAMPLING	802	
CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	BTEX (8 TPH (8	
RES23-99 U'C # 0 X	V	×	1
-			
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	Ve Ail	Verbal Result:	>
Relinquished By:    Date:		REMARKS:	
Delivered By: (Circle One)  Observed Temp. °C1, Z° - Sample Condition Cool Intact Cool Intact Corrected Temp. °C	CHECKED BY: (Initials)	Turnaround Time: Standard Bacteria (only) Sample Condition  Rush Cool Intact Observed Temp. °C  Thermometer ID #140 UV NC Pres Pres  Correction Factor (%)	
		1	



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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Analyzed By: JH/

Project Location: EOG

BTEX 8021B

### Sample ID: WES 23 - 167 4-10' (H236154-01)

mg/kg

DIEXOGEED	9/	119	Andryzo	u 5 y : 5:::,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2023	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, SM4500CI-B	mg	/kg	Analyze	d 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	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*	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

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Celey D. Keene



### 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

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	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, SM4500CI-B	mg,	/kg	Analyze	ed 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	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*	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	8						

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Celey D. Keine



11/07/2023

### Analytical Results For:

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

Received: 11/09/2023

mg/kg

Reported:11/13/2023Sampling Type:SoilProject Name:PLATT PA BATTERYSampling Condition:Cool & IntactProject Number:22E-00123-14Sample Received By:Dionica Hinojos

Analyzed By: JH/

Sampling Date:

Project Location: EOG

BTEX 8021B

### Sample ID: WES 23 - 169 4-20' (H236154-03)

	9,	9	7	7: 5::.,					
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, SM4500CI-B	mg,	/kg	Analyze	ed 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	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*	<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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Celey D. Keene



### 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

Analyzed By: JH/

Project Location: EOG

BTEX 8021B

### Sample ID: WES 23 - 171 4-10' (H236154-04)

mg/kg

	9,	9	7	7: 5::.,					
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	ed 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	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*	<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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137	% 49.1-14	8						

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Celey D. Keene



### 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 Sample Received By: Project Number: 22E-00123-14 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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Celecy D. Keene



### 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	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	Analyze	ed 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	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*	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137	% 49.1-14	8						

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\*=Accredited Analyte

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Celey D. Keine



### **Notes and Definitions**

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

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

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Freene

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



3000 000 000	E75) 202 2226 EAY (575) 393-2476		
Company Name: VEY-EX		BILL TO	ANALYSIS REQUEST
0	(*)	P.O. #:	
Address: On file		Company: CUC	
City:	State: Zip:	Attn: Chase SETTE	
Phone #:	Fax #:	Address: On hit	
Project #: 22E~00123-14	Project Owner: EOG	City:	
	TONY	State: Zip:	)
Project Location:		Phone #:	_
Andire	Mohle	1	07
9.0		PRESERV. SAMPLING	(8
Lab I.D. Sample I.D	-	OTHER: OCID/BASE: OE/COOL OTHER:	BTEX (
-	- X s	X 11/07/23	9:30 × × ×
3 WES23-169	4-20'	10	10:00
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6 MEX CS - 1 1 3	300		
PLEASE NOTE: Liability and Damages. Cardinal's liability a analyses. All claims including those for negligence and any analyses. All claims including those for incidental or	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, 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 the behalf and the contract of the	act or tort, shall be limited to the amount paid by the and received by Cardinal within 30 days after comes, loss of use, or loss of profits incurred by client,	e client for the pleton of the applicable is substitution of the applicable is substitution.
affiliates or successors arising out of	Polate: Date: Received By:	All C	Verbal Result: Pes No Add'I Phone #: All Results are emailed. Please provide Email address: Cdi xon & Vertex. Ca   amohite & Vertex. Ca
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Sampler - UPS - Bus - Other:	Corrected Temp. °C	A	Correction Factor 0°C 4 K Nr No No Corrected Temp. °C

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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

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

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	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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**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

QUESTI	ONS (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	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	I ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
I hereby certify that the information given above is true and complete to the best of my to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required uses which may endanger public health or the environment. The acceptance of a C-141 report by idequately investigate and remediate contamination that pose a threat to groundwater, surface the document regions the appropriate of respectivity for compliance with any other federal case.

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

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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 3

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

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)	
What method was used to determine the depth to ground water	Attached Document	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between 1000 (ft.) and ½ (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)	
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1 and 5 (mi.)	
A subsurface mine	Between 1 and 5 (mi.)	
An (non-karst) unstable area	Between 1 and 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Medium	
A 100-year floodplain	Between 1 and 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan	Remediation Plan	
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.		
Requesting a remediation	plan approval with this submission	Yes
Attach a comprehensive report de	monstrating the lateral and vertical extents of soil contaminatio	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical	ll 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 milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 Cl 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
	IMAC 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 NMAC,
On what estimated date wi	Il the remediation commence	03/01/2023
On what date will (or did) the	ne final sampling or liner inspection occur	11/07/2023
On what date will (or was)	the remediation complete(d)	12/04/2023
What is the estimated surfa	ace area (in square feet) that will be reclaimed	16505
What is the estimated volui	me (in cubic yards) that will be reclaimed	3360
What is the estimated surfa	ice area (in square feet) that will be remediated	16505
What is the estimated volui	me (in cubic yards) that will be remediated	3360
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
These estimated dates and measu	rements are recognized to be the best guess or calculation at th	

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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**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:	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

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

hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement

Name: Tina Huerta

Title: Regulatory Reporting Supervisor

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.

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

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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 5

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

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	No

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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 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 hereby agree and sign off to the above statement

I hereby agree and sign off to the above statement

Title: Regulatory Reporting Supervisor
Email: tina\_huerta@eogresources.com
Date: 12/28/2023

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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 7

Action 298036

<b>QUESTIONS</b>	(continued)
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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

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

### **CONDITIONS**

Operator:	OGRID:
EOG RESOURCES INC P.O. Box 2267	7377
	Action Number:
Midland, TX 79702	298036
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### CONDITIONS

Created	Condition	Condition Date
Ву		
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