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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Date

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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VERSATILITY. EXPERTISE.

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		
	e: Platt PA Battery	I	1
Spill Coor		X: 32.715484	Y: -104.357324
•	fic Conditions	Value	Unit
1	Depth to Groundwater	>55	feet
Within 300 feet of any continuously flowing		16,271	feet
	watercourse or any other significant watercourse	-,	
3	Within 200 feet of any lakebed, sinkhole or playa lake	40,874	feet
	(measured from the ordinary high-water mark)	,	
4	Within 300 feet from an occupied residence, school,	1,888	feet
	hospital, institution or church	,	
	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
	domestic or stock watering purposes, or		_
	ii) Within 1000 feet of any fresh water well or spring	2,623	feet
	Within incorporated municipal boundaries or within a		
	defined municipal fresh water field covered under a		
6	municipal ordinance adopted pursuant to Section 3-27-	No	(Y/N)
	3 NMSA 1978 as amended, unless the municipality		
	specifically approves		
7	Within 300 feet of a wetland	7,996	feet
8	Within the area overlying a subsurface mine	No	(Y/N)
			Critical
9	Within an unstable area (Karst Map)	Medium	High
	, , , , ,		Medium
			Low
10	Within a 100-year Floodplain	500	year
	, , , , , , , , , , , , , , , , , , , ,		,
11	 Soil Type	Reagan loam 0-1 slo	pes and 1 to 3 slopes
11	Зон туре	Neagan Ioani 0-1 3io	pes and 1 to 3 slopes
12	Ecological Classification	Loamy	
12	Leorogical Classification	Loaniy	
13	Geology	Qp	
		4.	
	NINA C 40 45 20 42 5 (T-1) 4 3 5 4 5 5 5 5	E4 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 feet 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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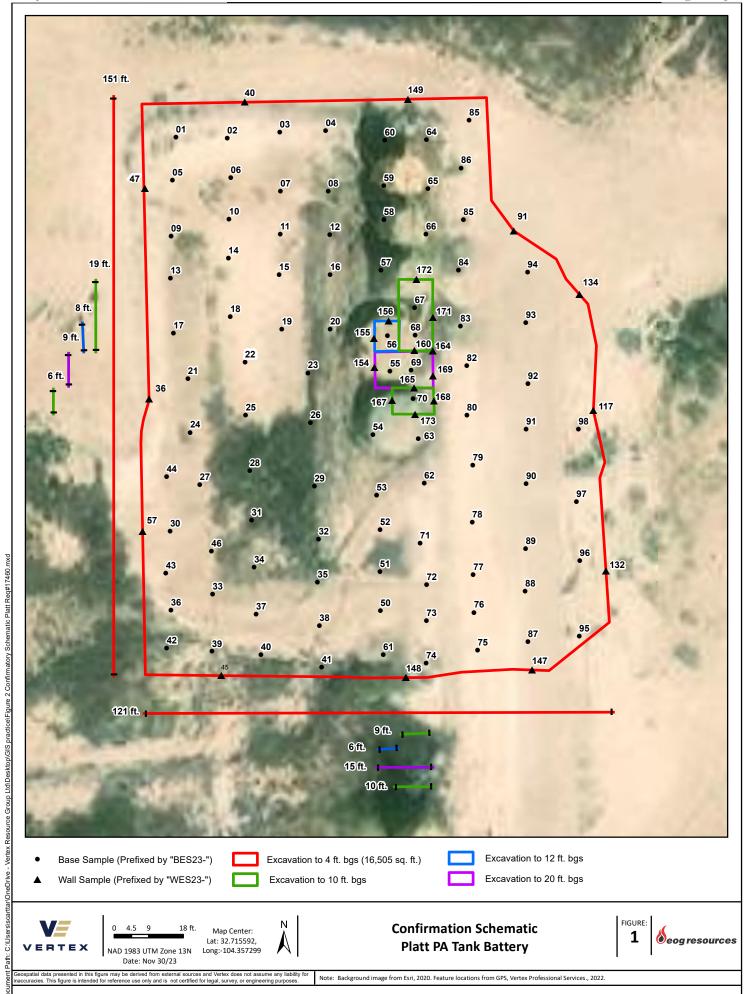
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9.0 Limitations

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,

						aboratory	nesuits - i	Depth to C	iroundwat					
Sample Description			Fi	eld Screeni	ng				Petroleum	-	ons		T	
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic 3 Compounds (PetroFlag)	Chloride Concentration	Voli Beuzene (mg/kg)	BIEX (Total)	Gasoline Range Organics	ට ක් Diesel Range Organics (DRO) (ක්	(mg/kg) (MRO)	(GRO + DRO)	ত্ত্ব Total Petroleum সু 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 BES23-06	4	2023-02-20 2023-02-20	-	350 2350	482 9094	ND ND	ND ND	ND ND	23 74	81 120	23 74	104 194	210 6900	
BES23-07	4	2023-02-20	_	2210	5481	ND	ND	ND	510	910	510	1420	6200	
BES23-08	4	2023-02-20	-	2420	2065	ND	ND	ND	270	570	270	840	2400	
BES23-09	4	2023-02-20	-	2450	5153	ND	ND	ND	140	310	140	450	5200	
BES23-10	4	2023-02-20	-	2030	6582	ND	ND	ND	170	280	170	450	5300	
BES23-11	4	2023-02-20	-	2120	7964	ND	ND	ND	170	250	170	420	5000	
BES23-12	4	2023-02-20	-	1840	6155	ND	ND	ND	200	320	200	520	5200	
BES23-13	4	2023-02-20	-	1760	5654	ND	ND	ND	79	120	79	199	5900	
BES23-14 BES23-15	4	2023-02-20 2023-02-20	-	1270 2440	5852 5145	ND ND	ND ND	ND ND	80 74	110 160	80.00 74.00	190.00 234.00	5000 10000	
BES23-16	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	ND	ND	ND	77	110	77.00	187.00	2400	
BES23-23	4	2023-03-22	-	658	3499	ND	ND	ND	100	120	100.00	220.00	3300	
BES23-24 BES23-25	4	2023-03-22 2023-03-22	-	614 378	5265 5621	ND ND	ND ND	ND ND	170 100	200 120	170.00 100.00	370.00 220.00	5500 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 BES23-34	4	2023-03-27	-	13 269	1724 2532	ND ND	ND	ND ND	ND 12	ND ND	ND 12.00	ND 12.00	1400 2400	
BES23-35	4	2023-03-27 2023-03-27	-	13	1811	ND	ND ND	ND	ND	ND	ND	ND	1400	
BES23-36	4	2023-03-27	-	24	3461	ND	ND	ND	ND	ND	ND	ND	3100	
BES23-37	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 240	ND 570	ND	ND	6800	
BES23-42	4	2023-03-31	-	-	-	ND	ND	ND	240	570	240.00	810.00	ND	
BES23-43 BES23-44	4	2023-03-31 2023-03-31	-	-	-	ND ND	ND ND	ND ND	250 230	590 590	250.00 230.00	840.00 820.00	ND ND	
BES23-50	4	2023-10-05	-	453	510	ND	ND	ND	22	ND	22	22	208	
BES23-51	4	2023-10-05	-	506	450	ND	ND	ND	11.2	ND	11.2	11.2	352	
BES23-52	4	2023-10-05	_	310	775	ND	ND	ND	ND	ND	ND	ND	192	
BES23-53	4	2023-10-05	-	1,209	250	ND	ND	ND	304	ND	377.8	378	2680	
BES23-54	4	2023-10-06	-	965	2500	ND	ND	ND	420	ND	420	525	2400	
BES23-55	20	2023-10-31	-	105	825	ND	ND	ND	ND	ND	ND	ND	1010	
BES23-56	12	2023-10-31	-	414	925	ND	1.45	40.2	692	95.1	732.2	827	1010	
BES23-57	4	2023-10-06	-	158	300	ND	ND	ND	ND	ND 10.4	ND	ND 103	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 ND	94.7	229 ND	324 ND	160	
BES23-60	4	2023-10-06	-	337 839	225	ND ND	ND ND	ND ND	ND 137	ND 75.0	ND 137	ND 213	48 2000	
BES23-61	4	2023-10-06 2023-10-06	-	772	1975 7725	ND ND	ND ND	ND ND	35.7	75.9 ND	35.7	36	7600	
BES23-62 BES23-63	4	2023-10-06	-	608	3688	ND	ND	ND	188	60.2	188	248	5680	
BES23-64	4	2023-10-00	-	1,269	655	ND	ND	ND	262	196	262	458	512	
BES23-65	4	2023-10-12	-	967	550	ND	ND	ND	75.2	34	75.2	109.2	512	
BES23-66	5	2023-10-12	-	1,102	263	ND	ND	ND	256	39.7	256	295.7	208	



Table 3. Confirmatory S				Field Scre	een and La	aboratory	Results - I	Depth to G	iroundwat	er 51-100	feet bgs		
9	Fie	eld Screeni	ng				Petroleum						
			w			Vol	atile			Extractable		1	Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(ppm)	留で (ppm)	(ppm)	m (mg/kg)	(mg/kg)	(mg/kg)	'⊡ (mg/kg)	<u>≥ ≥</u> (mg/kg)	(mg/kg)	ピチ (mg/kg)	(mg/kg)
BES23-67	10	2023-10-30	4	60	2872	ND	ND	ND	19.2	ND	ND	ND	480
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	ND	52	49.6	52	101.6	8100
BES23-73 BES23-74	4	2023-10-12 2023-10-12	-	1,130 800	1,600 475	ND ND	ND ND	ND ND	41.1 186	17 153	41.1 186	58.1 339	1600 288
BES23-74	4	2023-10-12	-	460	3255	ND	ND	ND	21.3	ND	21.3	ND	3520
BES23-76	4	2023-10-12	-	600	2600	ND	ND	ND	27.5	ND	27.5	ND	2520
BES23-77	5	2023-10-12	-	65	3500	ND	ND	ND	ND	ND	ND	ND	3420
BES23-78	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 BES23-84	4	2023-10-31 2023-10-31	-	194 246	350 925	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	192 912
BES23-85	4	2023-10-31	-	340	750	ND	ND	ND	ND	ND	ND	ND	640
BES23-86	4	2023-10-31	-	264	825	ND	ND	ND	ND	ND	ND	ND	560
BES23-87	4	2023-10-31	-	113	250	ND	ND	ND	ND	ND	ND	ND	112
BES23-88	4	2023-10-31	-	251	1000	ND	ND	ND	ND	ND	ND	ND	976
BES23-89	4	2023-11-01	-	379	1000	ND	ND	ND	ND	ND	ND	ND	800
BES23-90	4	2023-11-01	-	445	800	ND	ND	ND	ND	ND	ND	ND	832
BES23-91	4	2023-11-01	-	278 411	900 625	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	800 624
BES23-92 BES23-93	4	2023-11-01 2023-11-01	-	137	675	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	256
BES23-94	4	2023-11-01	-	1,148	1,175	ND	ND	ND	93.4	73.5	93.4	166.9	1460
BES23-95	4	2023-11-01	-	87	375	ND	ND	ND	ND	ND	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 2023-03-23	0	10 12	738 650	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	64 ND
WES23-45	0-4	2023-03-24	ND	33	244	ND 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	32
WES23-147	0-4 0-4	2023-10-06	-	134	300	ND	ND ND	ND	ND	ND	ND	ND	112
WES23-148 WES23-149	0-4	2023-10-06 2023-10-06	-	52 82	275 550	ND ND	ND ND	ND ND	ND 42.4	ND 21.7	ND 42.2	ND 64.1	32 544
WS23-154	4-14	2023-10-00	-	-	-	ND	ND	ND	ND	ND	ND	ND	32
WS23-155	4-14	2023-10-17	-	-	-	ND	ND	ND	10.7	ND	10.7	10.7	64
WS23-156	14	2023-10-17	-	-	-	ND	ND	ND	ND	ND	ND	ND	80
WES23-160	0-14	2023-10-23	-	456	375	ND	ND	ND	13.9	ND	ND	ND	448
WES23-164	0-20	2023-10-31	-	1269	2563	ND	ND	ND	ND	ND	ND	ND	1230
WES23-167	4-10	2023-11-07	-	-	-	ND	ND	ND	15.9	ND	15.9	15.9	2080
WES23-168	4-10	2023-11-07	-	-	-	ND	ND	ND	13.8	ND	13.8	13.8	1,070
WES23-169	4-10	2023-11-07	-	-	-	ND	ND ND	ND	ND	ND	ND	ND	1,340
WES23-171 WES23-172	4-10 4-10	2023-11-07 2023-11-07	-	-	-	ND ND	ND ND	ND ND	ND 34.8	ND ND	ND 34.8	ND 34.8	608 608
WES23-172	4-10	2023-11-07	-	-	-	ND	ND	ND	137	30.9	137	167.9	1,500
	. 10	2020 11 07					.,,,,	.,,,	-27	55.5	20,	207.5	2,500



APPENDIX A - NMOCD C-141 Reports

Received by OCD: 12/28/2023 12:34:52 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

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

MAR 27 2008

Form C-141 Revised October 10, 2003

OCD ARTESIA

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

Release Notification and Corrective Action

NKM (Name of C	<u> </u>	09494	057			ATOR			Initia	al Report	⊠ Fin	nal Repo
Yates Petr	ompany oleum Cor	poration		OGRID Nu 25575	ımber	per Contact						at Rept
Address				20070		Robert Asher Telephone No.						
104 S. 4 TH						505-748-14						
Facility Na Platt PA T		,		API Numbe	-	Facility Ty	pe		 -	·		
		/		30-015-2390)6	Battery						
Surface Ov Fee	vner	N		Mineral (State	Owner				Lease]	No.		
Unit Letter	Section	Township	T D.	LOC	ATIO	N OF RE			*			
K	16	18S	Range 26E	Feet from the	North	/South Line	Feet from the	East/We	est Line	County Eddy		
				Latitude 32.	71561	Longitud	e_ 104.35672					
Type of Rele				NAT	URE	OF REL						
Produced Wa	ıter					Volume of 30 B/PW	Release			lecovered		
Source of Re	lease		·	······································			Iour of Occurrence		6 B/PW	Hour of Disc	auam:	
Water Pump Was Immedia	ate Notice G	iven?				Date and Hour of Occurrence 1/6/2007 AM If YES, To Whom? Date and Hour of Discovery 1/6/2007 AM						
			Yes 🔲	No 🗌 Not Re	quired		whom? her/NMOCD					
By Whom?			***		<u> </u>	Date and Hour						
Jerry Fanning Was a Watero	y YPC Envi	ronmental				1/6/2007, 9	:30 AM (VM); 1/8	8/2007, 9:	19 AM (1	EM)		
			Yes 🖂	No		If YES, Vo N/A	lume Impacting th	e Waterco	ourse.			
If a Watercou N/A	rse was Imp	acted, Describ	e Fully.*			14/71			······			·
Describe Caus	se of Proble	n and Remed	ial Action	Takan *				70-4				
Transition ble	w out on dis	charge side of	f the water	r pump. Fluids w	ere con	tained within	berm. Vacuum tri	ick called				
Describe Area					· · · · · · · · · · · · · · · · · · ·	- 						
An approxima	te area of 30)' X 40' Wel	Is and nor	nn chut down ""	วลirs กาล	de standina f	luids vacuumed u	177:11			1,	
horizontal deli	neation, bas	ed on sample	results Ya	ites will submit w	ork plac	or request sa	luids vacuumed u	p. wiii sa closure. (imple to a	determine ve ated soils ba	rtical and	
Protection Ar	ea: No, Dist	ance to Surf	ace Water	sampling was co r Body: >1000; '	nducted	on 2/22/2008	ampling event for 3 & 3/18/2008. Do 10. Based on enc	epth to G	round W	ater: 50-99	', Wellhead	d
Petroleum Co	rporation r	equests closu	re.	. 20dy 1000 ,		ANKING 15	iv. Based on enc	losed info	ormation	/documenta	tion, Yates	S
I hereby certify	that the inf	ormation give	n above i	r true and popula	4441.	1						
regulations all	operators ar	e required to r	eport and	or file certain rel	ease not	e best of my ki difications and	nowledge and und	lerstand th	iat pursua	ant to NMOC	D rules an	d
should their on	r the enviror	nment. The ac	ceptance	of a C-141 report	by the l	NMOCD mar	perform corrective ked as "Final Rep	ort" does	not reliev	ses which ma	ty endange: or of liabilit	r tv
or the environn	nent. In add	ition, NMOC	D accenta	ivestigate and ren	nediate d port doe	contamination	ked as "Final Report that pose a threat the operator of res	to ground	d water, s	urface water	, human he	alth
federal, state, o	r local laws	and/or regula	tions.				me oberator of tes	ponsibilit	y for com	pliance with	any other	
Signature:	201	100		OIL CONSERVATION DIVISION								
Printed Name: I	Robert Ashe	r	Ap	Approved by District Supervisor:								
Title: Environm	ental Regula	ntory Agent			Ap	proval Date:	· · · · · · · · · · · · · · · · · · ·	Expiration Date:				
E-mail Address:	boba@ypci	ım.com				nditions of A _l	pproval:	1,500				
Date: Friday, M	arch 28-200	R DI	none: 505-	749 1471		•	•		Attached			
Attach Addition			ione. 303-	740-14/1	L							İ

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?					
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes 🛛 No				
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.					
Characterization Report Checklist: Each of the following items must be included in the report.					
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring 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.

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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.					
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:				

ew Mexico

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 District office must be notified 2 days prior to final sampling)						
Description of remediation activities						
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Chase Settle Title: Rep Safety & Environmental Sr						
Signature: Chase Settle	Date: 12/7/2023					
email: Chase_Settle@eogresources.com	Telephone: _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:					

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

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

			Rel	ease Notific	catio	n and Co	orrective A	ction	i	
				O .	PER/	ATOR			☐ Initia	al Report 🛛 Final Report
Name of Company OGRID Number Yates Petroleum Corporation 25575						Contact Robert Asher				
Address 104 S. 4 TH	Street					Telephone 1 505-748-14		***************************************		
Facility Na Platt PA Ta	ime	/		API Number		Facility Typ Battery				
Surface Ow Fee				Mineral C	Owner	Lease No.			No.	
L					ATIO	N OF RE	TACE	 		
									County Eddy	
				Latitude 32.	71561	Longitude	e <u>104.35672</u>	<u>. </u>		J.,
				NAT	URE	OF RELI	EASE			
Type of Rele Produced Wa						Volume of 40 B/PW	Release		Volume R 30 B/PW	Recovered
Source of Re Water Tank	elease	****				Date and H 6/23/2007		е		Hour of Discovery 7 AM
Was Immedia	ate Notice G		Yes [No Not Re	equired	If YES, To Whom?				
By Whom? Robert Asher Was a Water						Date and Hour 7/5/2007, 10:39 AM (VM); 7/5/2007, 10:47 AM (EM) If YES, Volume Impacting the Watercourse.				
If a Watercou	urse was Imp	pacted, Descri	Yes ⊠ ibe Fully.*		Perman.	N/A			PAPERSON	
	ner inside w	em and Remed vater pump par			mp not	t to start and a	llowing water tan	k to ovei	r run, Flui	ids were contained within berm.
An approximation corrective act	ate area of 3 tion taken. I	Depth to Grou	ells shut do und Wate	own, repairs made	ead Pro	otection Area:	: No. Distance to	al and ho	orizontal de Water B	elineation will be made and ody: >1000', SITE
regulations all public health should their o	Il operators a or the enviro operations ha nment. In ad	are required to onment. The a ave failed to a ddition, NMO	o report and acceptance dequately in CD accept.	d/or file certain re e of a C-141 repor investigate and re	elease no rt by the emediate	otifications an a NMOCD ma a contaminatio	d perform correct orked as "Final Re on that pose a thre	tive actio port" do at to gro	ons for rele es not relie and water.	uant to NMOCD rules and cases which may endanger eve the operator of liability, surface water, human health ompliance with any other
Signature: Self .					OIL CONSERVATION DIVISION					
Printed Name:	: Robert Asl	her				Approved by District Supervisor:				
Title: Environ	ımental Regi	ulatory Agent				Approval Date	:	Expiration Date:		
E-mail Addres	ss: boba@yr	ocnm.com			c	Conditions of Approval:			Attached	
Date: Tuesday, January 08, 2008 Phone: 505-748-1471					İ					

^{*} Attach Additional Sheets If Necessary

of New Mexico

Incident ID | nKMW0800950646

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?	☐ 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
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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
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Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes 🛛 No
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 ✓ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wel ✓ Field data ✓ Data table of soil contaminant concentration data 	ls.
☐ 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	

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✓ Laboratory data including chain of custody

✓ Topographic/Aerial maps

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Application ID

New Mexico

Incident ID	nKMW0800950646
District RP	
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Closure

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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 must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ 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 O 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
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:

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
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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. 4TH 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

^{*} Attach Additional Sheets If Necessary

e 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?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes 🏻 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes 🏻 No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes 🏻 No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination 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 12:34:52 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

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

Page 29 of 390

Incident ID	nKMW0800950937
District RP	
Facility ID	
Application ID	

Closure

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

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 must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	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 ren human health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the cor accordance with 19.15.29.13 NMAC including notification to the Other 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 neditions 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 vater, 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	YATES	PETROLEUM (CORPORATI	105 So. 4th St., Artesia, NM 88210					
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NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

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Received by OCD: 12/28/2023 12:34:52 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

è		NOTIF	ICAT	ON (OF FI	RE, BR	EAKS,	SPILLS	LE	AKS, A	ND BL	OWOUTS		
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DESCRIPTION OF AREA SURFACE SANDY X LOAM DESCRIBE GENERAL CONDITIONS PREVAILING (TEMPERATURE, PRECIPITATION, ETC.)** Clear summer day about 90+°. Note: Pumper left note on daily gauge sheet in office - note found 11:30 AM 8-5-92. I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF PRINTED NAME AND TITLE Juanita Goodlett, Prod. SupviPATE 8-5-92														
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APPENDIX C - Closure Criteria Determination Documentation

	e: Kleeman PB Battery/Platt PA Battery rdinates:	X: 32.715484	Y: -104.357324		
	ific Conditions		Unit		
1	Depth to Groundwater		feet		
	Within 300 feet of any continuously flowing				
2	watercourse or any other significant watercourse	16,271	feet		
	Within 200 feet of any lakebed, sinkhole or playa lake				
3	(measured from the ordinary high-water mark)	40,874	feet		
_	Within 300 feet from an occupied residence, school,	Value >55 16,271 lake 40,874 ool, 1,888 ic s for 2,623 ing 2,623 nin a r a 3-27- No	_		
4	hospital, institution or church	1,888	feet		
	i) Within 500 feet of a spring or a private, domestic				
-	fresh water well used by less than five households for	2,623	feet		
5	domestic or stock watering purposes, or				
	ii) Within 1000 feet of any fresh water well or spring	2,623	feet		
	Within incorporated municipal boundaries or within a				
	defined municipal fresh water field covered under a				
6	municipal ordinance adopted pursuant to Section 3-27-	No	(Y/N)		
	3 NMSA 1978 as amended, unless the municipality				
	specifically approves				
7	Within 300 feet of a wetland	7,996	feet		
8	Within the area overlying a subsurface mine	No	(Y/N)		
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 to 3 slope		
12	Ecological Classification	Loamy			
13	Geology	Qp			
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	51-100'	<50' 51-100' >100'		

TALON

BORING LOG

Project No.: 700438.242.01

38.242.01 Weather: Clear, Temp.: 75°F

Driller: D. Londagin

Site Name: Kleeman PB Battery

Logger: D. Adkins

Rig Type: Reich Drill

Location: Eddy County, New Mexico

Field Instrument: NA

Bit Size: 5-7/8"

Date: 5/18/2021

Latitude: 32.71559 N

Drilling Method: Air Rotary

Boring Number: B-1

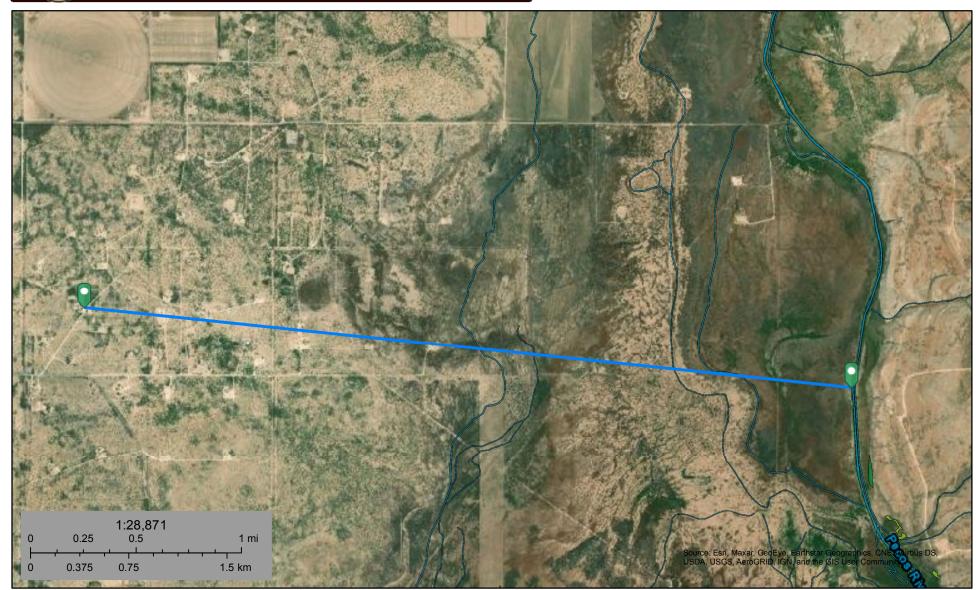
Longitude: -104.35707 W Sample Retrieval Method: Drill Cuttings

Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	nscs	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)	
		0-10'				Light red/brown sandy Loam	None Slight Mod. Strong		
		10-15′				Light brown clayey fine Sand (SC) and caliche	None Slight Mod. Strong		
		15-35′				Gray to light gray sandy Clay (CL) with varying amounts of caliche.	None Slight Mod. Strong		
		35-55′				Light olive/gray to light red/brown fine Sand (SP)	None Slight Mod. Strong		
						TD 55′	None Slight Mod. Strong		
							None Slight Mod. Strong		
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	Surface Elevation: Notes: Groundwater Not Encountered @ 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

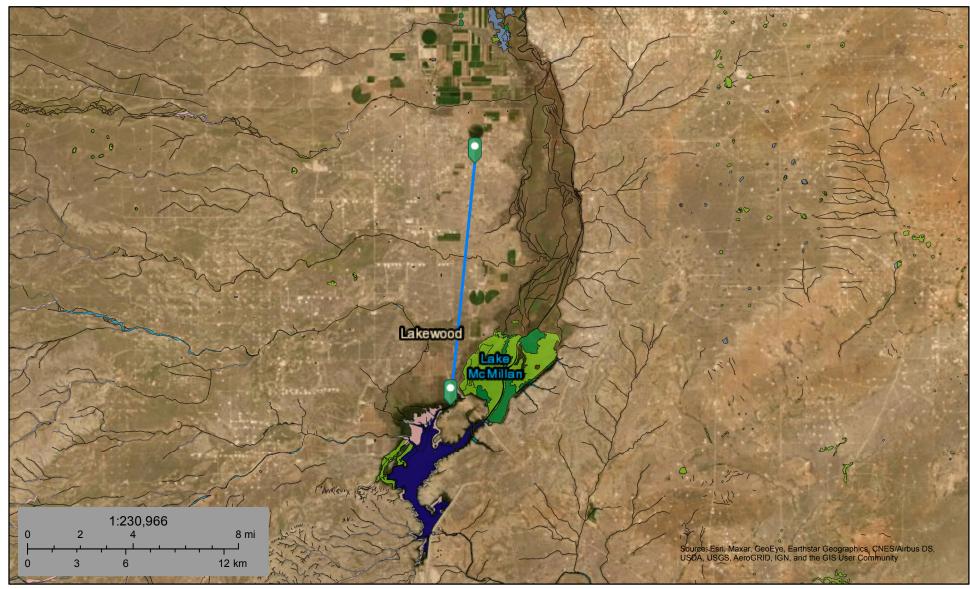
Lake

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.





November 15, 2021

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

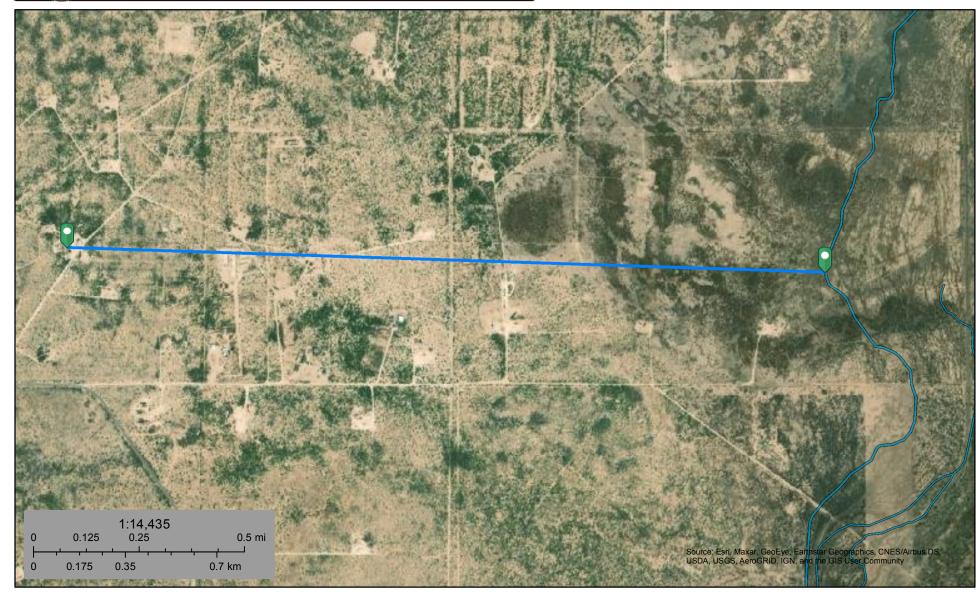
Riverine

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









November 15, 2021

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

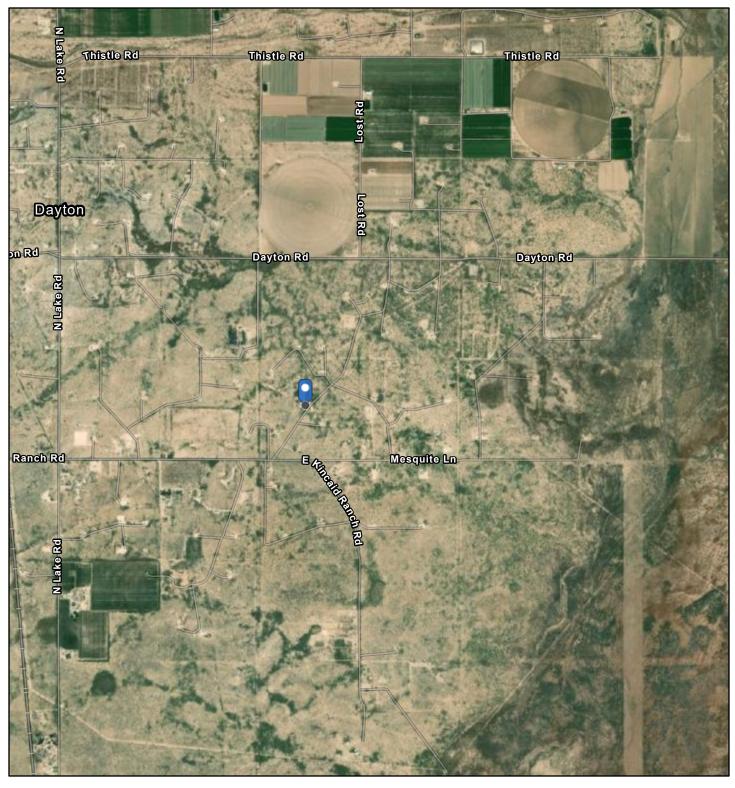
Freshwater Pond

Lake

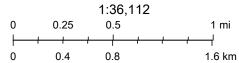
Riverine

Other

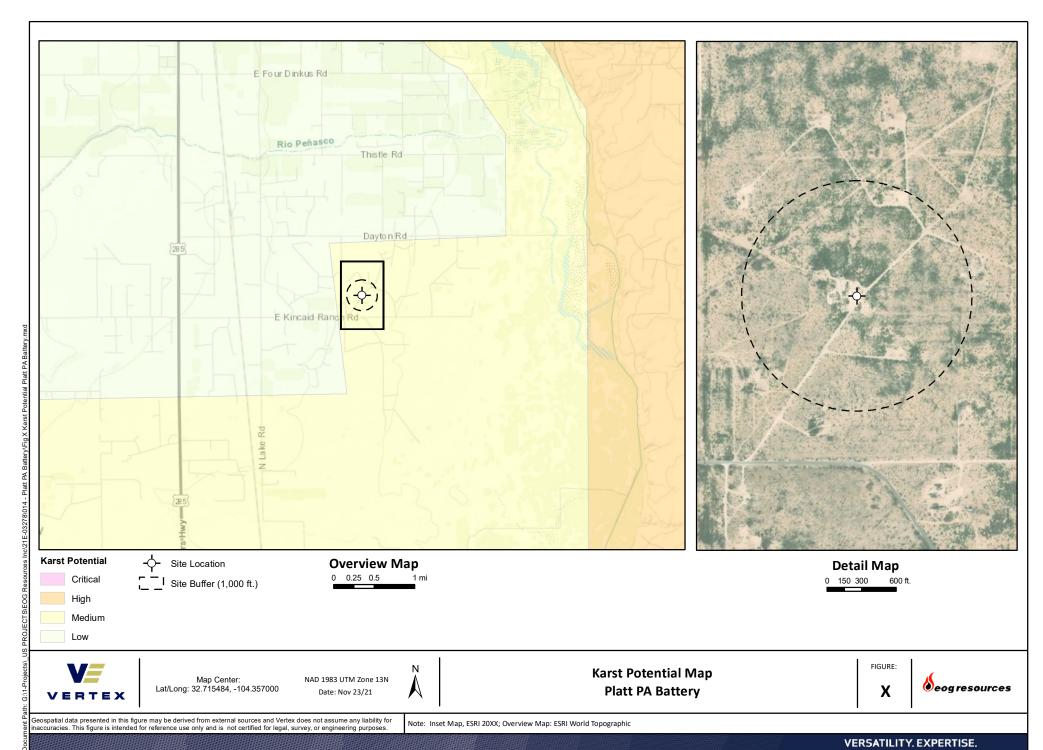
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



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 08:012:08 AM

National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone D NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLI Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** ---- 513---- Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary **Coastal Transect Baseline**

Digital Data Available

OTHER

FEATURES

MAP PANELS

No Digital Data Available

Profile Baseline

Hydrographic Feature

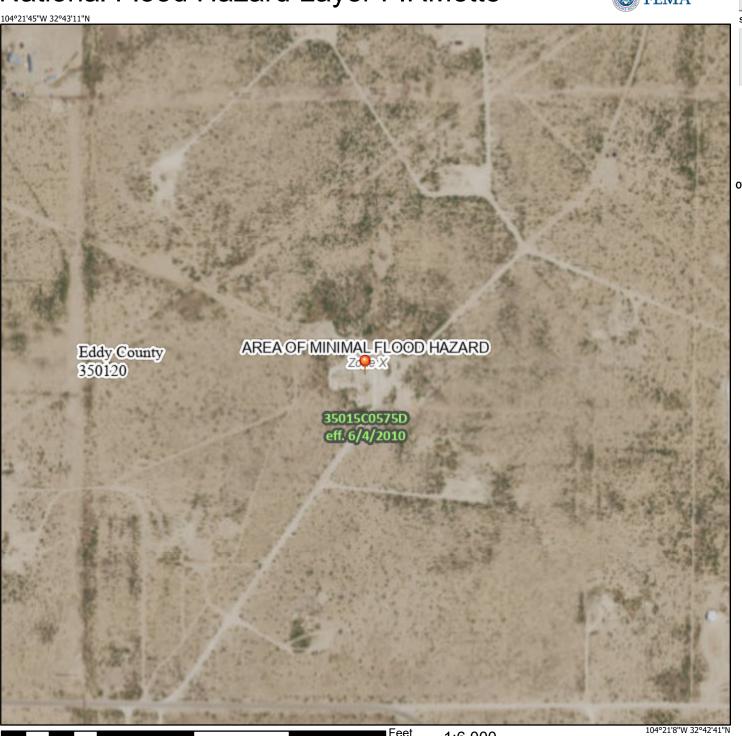
Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 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

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Water Features

Transportation

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



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

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 scale

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

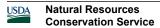
Available water supply, 0 to 60 inches: Moderate (about 8.2

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

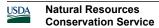
Available water supply, 0 to 60 inches: Moderate (about 8.2

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

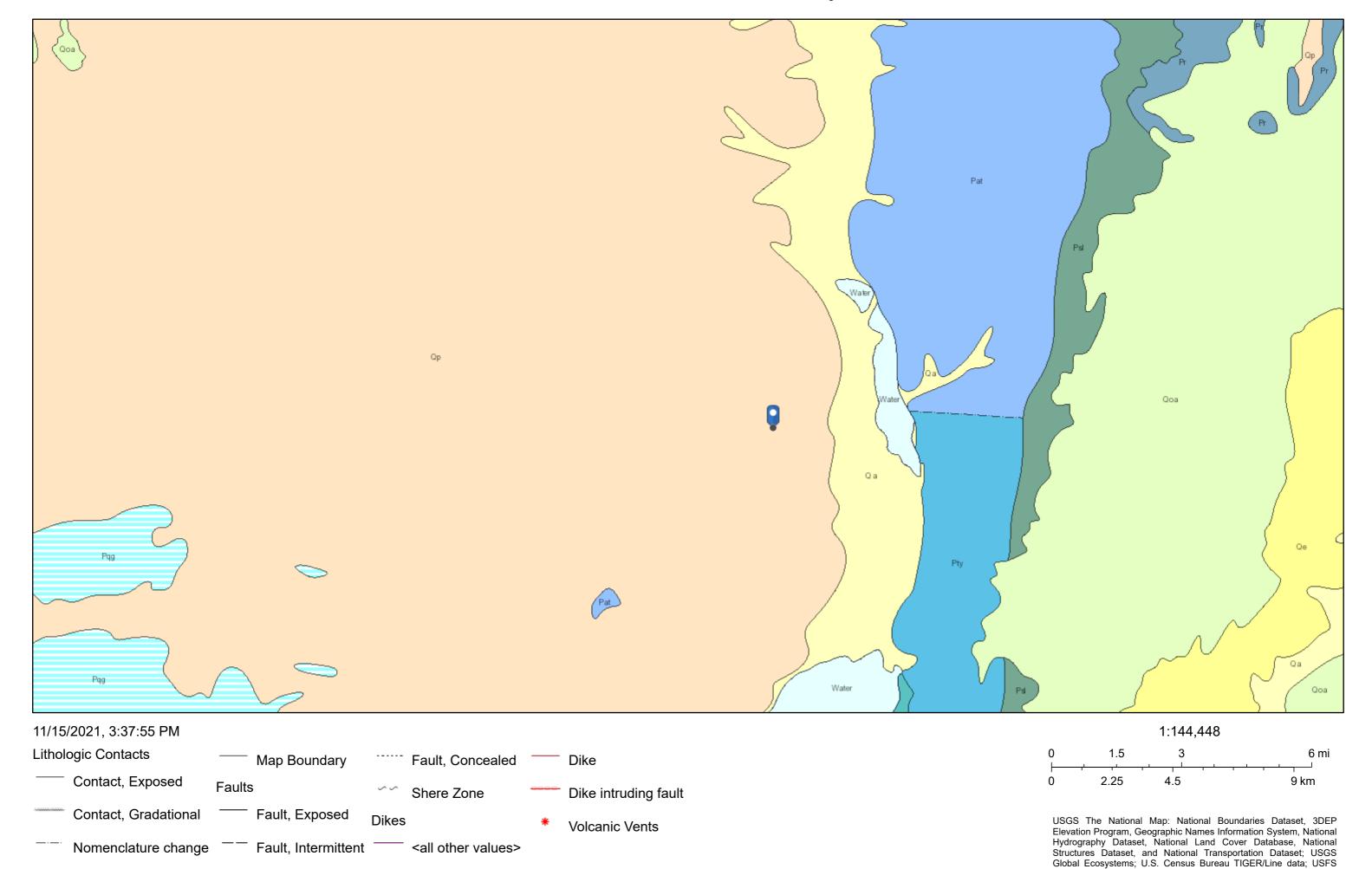
Percent of map unit: 1 percent

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











West wall Facing West



Northern part of west wall Facing West

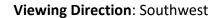


North wall Facing Northwest



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 Times					
Arrived at Site					
Departed Site					
Field Notes					

- **8:36** Arrived on site and filled out paperwork. Talked to the BDS crew about tasks for the day. I will be collecting 4' base samples and if some need to be dug down, they will still be here for that.
- 10:41 Collected 5 base samples and all screened within criteria
- 11:30 Collected 5 more base samples. Screened within criteria for chlorides
- 12:32 All samples screened within criteria for tph. Jarred them up to send to lab

Next Steps & Recommendations

1



Site Photos

Viewing Direction: South



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

<Artesia_Regulatory@eogresources.com>

Subject: Platt PA Tank Battery (NKMW0800950646, NKM0800950937, NKM0800949657)

Good Morning,

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

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

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

Thank you,

Tina Huerta

Regulatory Specialist

Direct: 575.748.4168

Cell: 575.703.3121

Email: tina huerta@eogresources.com

eog resources

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

Cc: Artesia S&E Spill Remediation; Artesia Regulatory

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

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

Attachments: <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: <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 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: ocd.enviro@emnrd.nm.gov

Cc: Artesia S&E Spill Remediation; Artesia Regulatory

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

Date: March 15, 2023 4:31:08 PM

Good afternoon,

Platt PA Battery K-16-18S-26E

Eddy County, NM

NKMW0800950646, NKMW0800950937, NKMW0800949657

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

Thank you,

Miriam Morales

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



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: Chase Settle
To: Chance Dixon

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 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 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 Huerta Regulatory Specialist Direct: 575.748.4168 Cell: 575.703.3121

Email: tina huerta@eogresources.com

eog resources

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

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

Seog resources

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 OF	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	t: 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

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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	t: NAI
Chloride	540	60		mg/Kg	20	2/23/2023 11:38:22 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	t: SB
Diesel Range Organics (DRO)	20	8.6		mg/Kg	1	2/24/2023 2:31:36 PM	73319
Motor Oil 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	t: 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 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: BS23-03 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
Surr. BFB	100	37.7-212		%Rec	1	2/23/2023 2:28:00 PM	73304
EPA METHOD 8021B: VOLATILES						Analys	t: CCM
Benzene	ND	0.024		mg/Kg	1	2/23/2023 2:28:00 PM	73304
Toluene	ND	0.049		mg/Kg	1	2/23/2023 2:28:00 PM	73304
Ethylbenzene	ND	0.049		mg/Kg	1	2/23/2023 2:28:00 PM	73304
Xylenes, Total	ND	0.098		mg/Kg	1	2/23/2023 2:28:00 PM	73304
Surr: 4-Bromofluorobenzene	82.1	70-130		%Rec	1	2/23/2023 2:28:00 PM	73304

- 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: BS23-04 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	GANICS			Analyst:			
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	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	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.

 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: BS23-05 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 (THOD 8015M/D: DIESEL RANGE ORGANICS Anal				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

- Value exceeds Marrimum Contaminant Level.
 Sample Dibrad 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

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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	t: JTT
Chloride	6900	300		mg/Kg	100	2/24/2023 8:42:43 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					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
Surr. 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.

 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: BS23-07 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						Analyst	: JTT
Chloride	6200	300		mg/Kg	100	2/24/2023 8:55:04 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	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						Analyst	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						Analyst	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

- 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: BS23-08 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	DIESEL RANGE ORGANICS Analys				t: DGH		
Diesel Range Organics (DRO)	270	48		mg/Kg	5	2/23/2023 5:16:43 PM	73319
Motor OII Range Organics (MRO)	570	240		mg/Kg	5	2/23/2023 5:16:43 PM	73319
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.
 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 8 of 24

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

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: BS23-10 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	: ЈПТ
Chloride	5300	300	mg/Kg	100	2/24/2023 9:32:07 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE OR	INGE ORGANICS Analy					t: DGH
Diesel Range Organics (DRO)	170	44	mg/Kg	5	2/23/2023 5:59:14 PM	73319
Motor Oll 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	: 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 Un	uits D	F Date Anal	yzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: ЈТТ
Chloride	5000	150	mg	yKg 5	0 2/24/2023 9	:44:27 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: DGH
Diesel Range Organics (DRO)	170	19	mg	yKg 2	2/23/2023 6	:20:23 PM	73319
Motor Oll Range Organics (MRO)	250	97	mg	yKg 2	2/23/2023 6	:20:23 PM	73319
Surr: DNOP	98.3	69-147	%F	Rec 2	2/23/2023 6	:20:23 PM	73319
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: CCM
Gasoline Range Organics (GRO)	ND	4.9	mg	yKg 1	2/23/2023 5	:25:00 PM	73304
Surr. BFB	97.8	37.7-212	%F	Rec 1	2/23/2023 5	:25:00 PM	73304
EPA METHOD 8021B: VOLATILES						Analyst	: JJP
Benzene	ND	0.025	mg	yKg 1	2/27/2023 1	0:57:36 AM	73304
Toluene	ND	0.049	mg	yKg 1	2/27/2023 1	0:57:36 AM	73304
Ethylbenzene	ND	0.049	mg	yKg 1	2/27/2023 1	0:57:36 AM	73304
Xylenes, Total	ND	0.099	mg	yKg 1	2/27/2023 1	0:57:36 AM	73304
Surr: 4-Bromofluorobenzene	87.0	70-130	%F	Rec 1	2/27/2023 1	0:57:36 AM	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: BS23-12 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

Andres	Donald	DI	01	Timite	DE	Data Amalanad	D-4-b
Analyses	Result	KL	Quai	Units	DΕ	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 Oil 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.

 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: BS23-13 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	: ЈПТ
Chloride	5900	300		mg/Kg	100	2/24/2023 10:09:09 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS					Analyst	: DGH
Diesel Range Organics (DRO)	79	9.6		mg/Kg	1	2/28/2023 3:16:19 PM	73319
Motor Oli Range Organics (MRO)	120	48		mg/Kg	1	2/28/2023 3:16:19 PM	73319
Surr. DNOP	83.8	69-147		%Rec	1	2/28/2023 3:16:19 PM	73319
EPA 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 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

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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	: ЈПТ
Chloride	5000	300	mg/Kg	100	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 Oil 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 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

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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	: ЛТ
Chloride	10000	600		mg/Kg	200	2/24/2023 10:58:32 AM	73338
EPA METHOD 8015M/D: DIESEL RANGE OF	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	74	9.8		mg/Kg	1	2/24/2023 2:55:36 PM	73319
Motor Oli 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
Sum: 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 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

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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	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 Oll 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 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: BS23-17 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 OR	GANICS				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
Surr. 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

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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	t: NAI
Chloride	62	60	mg/Kg	20	2/23/2023 4:11:19 PM	73338
EPA METHOD 8015M/D: DIESEL RANGE OR	RGANICS				Analyst	t: DGH
Diesel Range Organics (DRO)	29	10	mg/Kg	1	2/23/2023 7:23:27 PM	73319
Motor Oll 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	t: CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	2/23/2023 7:43:00 PM	73304
Sum: BFB	98.8	37.7-212	%Rec	1	2/23/2023 7:43:00 PM	73304
EPA METHOD 8021B: VOLATILES					Analyst	t: 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.

 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: BS23-19 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					Analys	t: NAI
Chloride	99	60	mg/Kg	20	2/23/2023 4:23:44 PM	73338
EPA METHOD 8015M/D: DIESEL RANGE OF	GANICS				Analys	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					Analys	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					Analys	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.

 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: BS23-20 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					Analys	t: NAI
Chloride	77	60	mg/Kg	20	2/23/2023 6:52:37 PM	73347
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: DGH
Diesel Range Organics (DRO)	18	9.8	mg/Kg	1	2/24/2023 3:54:11 PM	73319
Motor Oll Range Organics (MRO)	ND	49	mg/Kg	1	2/24/2023 3:54:11 PM	73319
Surr. DNOP	120	69-147	%Rec	1	2/24/2023 3:54:11 PM	73319
EPA METHOD 8015D: GASOLINE RANGE					Analys	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					Analys	t: JJP
Benzene	ND	0.024	mg/Kg	1	2/27/2023 2:54:15 PM	73304
Toluene	ND	0.049	mg/Kg	1	2/27/2023 2:54:15 PM	73304
Ethylbenzene	ND	0.049	mg/Kg	1	2/27/2023 2:54:15 PM	73304
Xylenes, Total	ND	0.097	mg/Kg	1	2/27/2023 2:54:15 PM	73304
Surr: 4-Bromofluorobenzene	92.8	70-130	%Rec	1	2/27/2023 2:54:15 PM	73304

- 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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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		ype: LC		Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch	ID: 733	: 73319 RunNo: 94848							
Prep Date: 2/22/2023	Analysis D	ate: 2/2	23/2023	5	SeqNo: 3427959		Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	88.3	61.9	130			
Surr: DNOP	4.1		5.000		82.4	69	147			

			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 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 Client ID: LCSS		ype: LC			TestCode: EPA Method 8015D: Gasoline Range RunNo: 94853					
Prep Date: 2/22/2023	Analysis D	ate: 21	23/2023	SeqNo: 3428438 Units: mg				g		
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: EF	,				
Client ID: PB\$	Batch	ID: 73	304	F	RunNo: 94	4853				
Prep Date: 2/22/2023	Analysis D	ate: 2/	23/2023		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								
C DED	4000		1000		404	27.7	242			

- 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

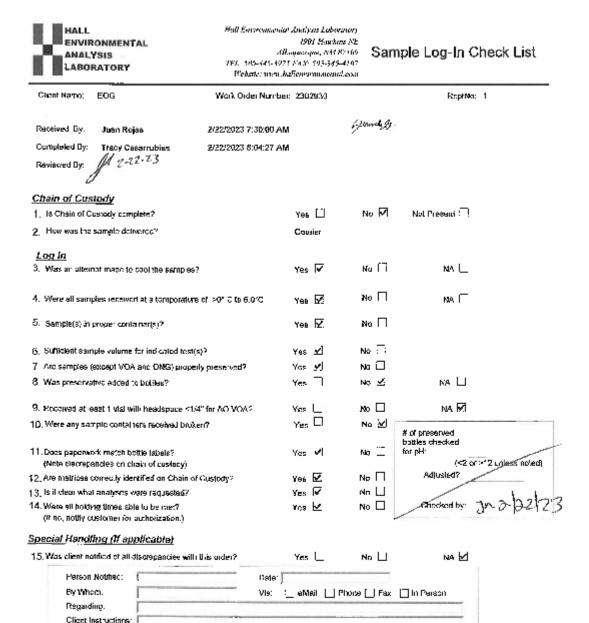
Sample ID: Ics-73304	SampType: LCS			Tes						
Client ID: LCSS	Batch ID: 73304			RunNo: 94853						
Prep Date: 2/22/2023	Analysis Date: 2/23/2023			SeqNo: 3428437			Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Benzene	0.86	0.025	1.000	0	85.8	80	120			
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			TestCode: EPA Method 8021B: Volatiles						
Client ID: PB\$	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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Cooler No. | Temp *C | Condition | Seal fulact | Seal No. | Social Date | | Signed By

Addlichal rensarka.
 Cooter Information

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Cood

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 49U1 Hawk.ns NE - Albuquerque, Nid 87408 Tol. 505-345-3975 "ax 505-345-4107 Analysis Request	COMPAND MARE MARE MARE MARCO	1/21/22 AS Z-SOSVECT Bill to EOC
Record Tum-Around Time: U Standarc MRush UR MC Project Name: Project Name: Project #: Project #:	Project Manager. Chance Chance Sampler Reservative Breed Type Brid Type Con siner Type Brid Type Con Siner Type Brid Brids Con Siner Type Brids Con Siner T	Rate orders Wise
Chain-of-Custody Record	ima Marrix I Az Con Co. Co. Co. Co. Co. Co. Co. Co. Co. Co.	Date: Trne: Refinquighed by: Dpys: Trne: Refinquets of by UNLOWN LYMB MAR UNLOWN II researcy; camp as a usual or text feach



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 OR	GANICS				Analyst	: PRD
Diesel Range Organics (DRO)	93	9.7	mg/Kg	1	3/29/2023 2:32:41 PM	73997
Motor Oll 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.

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: 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						Analyst	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 Oil 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						Analyst	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						Analyst	CCM
Benzene	ND	0.024		mg/Kg	1	3/28/2023 2:09:00 AM	73922
Toluene	ND	0.047		mg/Kg	1	3/28/2023 2:09:00 AM	73922
Ethylbenzene	ND	0.047		mg/Kg	1	3/28/2023 2:09:00 AM	73922
Xylenes, Total	ND	0.094		mg/Kg	1	3/28/2023 2:09:00 AM	73922
Surr. 4-Bromofluorobenzene	89.9	70-130		%Rec	1	3/28/2023 2:09:00 AM	73922

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: BS23-23 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					Analys	t CAS
Chloride	3300	150	mg/Kg	50	3/28/2023 11:20:58 AM	73947
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: PRD
Diesel Range Organics (DRO)	100	9.8	mg/Kg	1	3/28/2023 5:19:48 PM	73950
Motor Oli 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	t 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	t 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.

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: 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 Project: Platt PA Battery Collection Date: 3/22/2023 9:20:00 AM Lab ID: 2303C36-005 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 5600 300 mg/Kg 100 3/28/2023 11:45:40 AM 73947 EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: PRD mg/Kg 1 3/29/2023 2:09:35 PM 73950 Diesel Range Organics (DRO) 100 9.6 Motor Oil Range Organics (MRO) mg/Kg 1 3/29/2023 2:09:35 PM 73950 120 Surr: DNOP 1 3/29/2023 2:09:35 PM 73950 90.5 69-147 %Rec **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM Gasoline Range Organics (GRO) ND 4.8 mg/Kg 1 3/28/2023 3:14:00 AM 73922 Sur: BFB 37.7-212 %Rec 1 3/28/2023 3:14:00 AM 73922 88.0 **EPA METHOD 8021B: VOLATILES** Analyst: CCM Benzene ND 0.024 mg/Kg 1 3/28/2023 3:14:00 AM 73922 Toluene ND 0.048 3/28/2023 3:14:00 AM 73922 mg/Kg 1 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.

Qualifiers:

- Sample Diluted Due to Matrix Holding times for preparation or analy Not Detected at the Reporting Limit Practical Quantative Limit
- POL.
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value Analyte detected below quantitation limits
- Sample pH Not In Range 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

Result	RL	Qual Units	DF	Date Analyzed	Batch
				Analyst	: CAS
5600	300	mg/Kg	100	3/28/2023 11:58:01 AM	73960
E ORGANICS				Analyst	: PRD
190	10	mg/Kg	1	3/28/2023 4:54:11 PM	73950
190	51	mg/Kg	1	3/28/2023 4:54:11 PM	73950
95.8	69-147	%Rec	1	3/28/2023 4:54:11 PM	73950
Ε				Analyst	CCM
ND	4.9	mg/Kg	1	3/28/2023 3:35:00 AM	73922
86.6	37.7-212	%Rec	1	3/28/2023 3:35:00 AM	73922
				Analyst	CCM
ND	0.025	mg/Kg	1	3/28/2023 3:35:00 AM	73922
ND	0.049	mg/Kg	1	3/28/2023 3:35:00 AM	73922
ND	0.049	mg/Kg	1	3/28/2023 3:35:00 AM	73922
ND	0.099	mg/Kg	1	3/28/2023 3:35:00 AM	73922
85.5	70-130	%Rec	1	3/28/2023 3:35:00 AM	73922
	5600 E ORGANICS 190 190 95.8 GE ND 86.6 ND ND	5600 300 E ORGANICS 190 10 190 51 95.8 69-147 6E ND 4.9 86.6 37.7-212 ND 0.025 ND 0.049 ND 0.049 ND 0.099	5600 300 mg/Kg E ORGANICS 190 10 mg/Kg 190 51 mg/Kg 95.8 69-147 %Rec 6E ND 4.9 mg/Kg 86.6 37.7-212 %Rec ND 0.025 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.099 mg/Kg	5600 300 mg/Kg 100 E ORGANICS 190 10 mg/Kg 1 190 51 mg/Kg 1 95.8 69-147 %Rec 1 6E ND 4.9 mg/Kg 1 86.6 37.7-212 %Rec 1 ND 0.025 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1	Analyst 5600 300 mg/kg 100 3/28/2023 11:58:01 AM E ORGANICS Analyst 190 10 mg/kg 1 3/28/2023 4:54:11 PM 190 51 mg/kg 1 3/28/2023 4:54:11 PM 95.8 69-147 %Rec 1 3/28/2023 4:54:11 PM 6E Analyst ND 4.9 mg/kg 1 3/28/2023 3:35:00 AM 86.6 37.7-212 %Rec 1 3/28/2023 3:35:00 AM Analyst ND 0.025 mg/kg 1 3/28/2023 3:35:00 AM ND 0.049 mg/kg 1 3/28/2023 3:35:00 AM ND 0.049 mg/kg 1 3/28/2023 3:35:00 AM ND 0.049 mg/kg 1 3/28/2023 3:35:00 AM ND 0.049 mg/kg 1 3/28/2023 3:35:00 AM

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 OR	GANICS					Analyst	: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/28/2023 1:09:06 PM	73950
Motor Oli 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.

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: BS23-28 4ft Project: Platt PA Battery Collection Date: 3/22/2023 9:35:00 AM Lab ID: 2303C36-008 Matrix: SOIL Received Date: 3/24/2023 7:25:00 AM

Analyses Result RL Qual Units DF Date Analyzed Batch **EPA METHOD 300.0: ANIONS** Analyst: CAS 6100 300 mg/Kg 100 3/28/2023 12:22:42 PM 73960 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: PRD mg/Kg 1 3/28/2023 5:15:33 PM 73950 Diesel Range Organics (DRO) 220 9.5 Motor Oil Range Organics (MRO) mg/Kg 1 3/28/2023 5:15:33 PM 73950 Surr: DNOP 1 3/28/2023 5:15:33 PM 73950 84.4 69-147 %Rec **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 Sur: BFB 37.7-212 %Rec 1 3/28/2023 4:18:00 AM 73922 84.9 **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 3/28/2023 4:18:00 AM 73922 mg/Kg 1 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.

Qualifiers:

- Sample Diluted Due to Matrix Holding times for preparation or analy Not Detected at the Reporting Limit Practical Quantative Limit
- POL.
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value Analyte detected below quantitation limits
- Sample pH Not In Range
- 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 OR	GANICS					Analyst	: PRD
Diesel Range Organics (DRO)	860	98		mg/Kg	10	3/28/2023 1:41:06 PM	73950
Motor Oil 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.

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

Analyte detected in the associated Method Blank

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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	100	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 OII 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
 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 OF	RGANICS				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
 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 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 15.00 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 PA	A Battery	
Sample ID: MB-73945	SampType: MBLK T	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PB\$	Batch ID: 73945	RunNo: 95601
Prep Date: 3/27/2023	Analysis Date: 3/28/2023	SeqNo: 3459545 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref V	al %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10	
Motor Oil Range Organics (MRO)	ND 50	
Surr: DNOP	9.3 10.00	93.2 69 147
Sample ID: MB-73950	SampType: MBLK T	estCode: EPA Method 8015M/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 value SPK Ref V	al %REC LowLimit HighLimit %RPD RPDLimit Quai
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 T	estCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 73945	RunNo: 95601
Prep Date: 3/27/2023	Analysis Date: 3/28/2023	SeqNo: 3459550 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref V	al %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	42 10 50.00 0	83.4 61.9 130
Surr: DNOP	4.4 5.000	88.1 69 147
Sample ID: LCS-73950	SampType: LCS T	estCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 73950	RunNo: 95601
Prep Date: 3/27/2023	Analysis Date: 3/28/2023	SeqNo: 3459551 Units: mg/Kg
Analyte	Result PQL SPK value SPK Ref V	al %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	42 10 50.00 0	84.8 61.9 130
Surr: DNOP	4.3 5.000	85.5 69 147
Sample ID: MB-73997	SampType: MBLK T	restCode: 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 V	al %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10	
Motor Oil Range Organics (MRO) Surr: DNOP	ND 50 8.8 10.00	87.7 69 147

- D Sample Diluted 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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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

EOG Client: Project: Platt PA Battery

Sample ID: LCS-73997	SampType: LCS TestCode: EPA Method 80				8015M/D: Die	esel Rang	Organics			
Client ID: LCSS	Batch ID: 73997			RunNo: 95646						
Prep Date: 3/29/2023	Analysis D	ate: 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 8					8015M/D: Die	sel Range	Organics	
Client ID: PB\$	Batch II	D: 73987	R	unNo: 9	5646				
Prep Date: 3/28/2023	Analysis Dat	e: 3/29/2023	s	eqNo: 34	461648	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	8015M/D: Die	sel Rang	e Organics					
Client ID: LCSS	Batch ID: 7	3987	F	RunNo: 9	5646				
Prep Date: 3/28/2023	Analysis Date:	3/29/2023	5	SeqNo: 3	461649	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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Qual

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

Client:	EOG
Project:	Platt PA Battery

Project: Platt PA	A Battery		
Sample ID: Ics-73946	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range
Client ID: LCSS	Batch ID: 73946	RunNo: 95599	
Prep Date: 3/27/2023	Analysis Date: 3/28/2023	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	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range
Client ID: PBS	Batch ID: 73946	RunNo: 95599	
Prep Date: 3/27/2023	Analysis Date: 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		
Surr: BFB	980 1000	98.1 37.7	212
Sample ID: Ics-73922	SampType: LC\$	TestCode: EPA Method	8015D: Gasoline Range
Client ID: LCSS	Batch ID: 73922	RunNo: 95595	
Prep Date: 3/24/2023	Analysis Date: 3/27/2023	SeqNo: 3459448	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
Sum: BFB	2000 1000	196 37.7	212
Sample ID: mb-73922	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range

Gasoline Range Organics (GRO)	ND	5.0			
Surr: BFB	910	1000	91.1	37.7	212

Batch ID: 73922

Analysis Date: 3/27/2023

Client ID: PBS

Prep Date: 3/24/2023

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

RunNo: 95595

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

SeqNo: 3459449

Units: mg/Kg

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

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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	RunNo: 9	5599					
Prep Date: 3/27/2023	Analysis [Date: 3/	28/2023	5	eqNo: 3	459418	Units: mg/K	(g			
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	SampT	ype: ME	BLK	Test						
Client ID: PBS	Batcl	n ID: 73	346	F	tunNo: 9	5599				
Prep Date: 3/27/2023	Analysis D	ate: 3/	28/2023	S	eqNo: 34	459419	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.89		1.000		89.1	70	130			

Sample ID: Ics-73922	SampT	ype: LC	\$	Tes	tCode: El					
Client ID: LCSS	Batcl	h ID: 73	922	F	RunNo: 9					
Prep Date: 3/24/2023	Analysis D	ate: 3/	27/2023	5	SeqNo: 3	459504	Units: mg/k	(g		
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	SampType: MBLK			Tes						
Client ID: PB\$	Batch ID: 73922			R	tunNo: 9					
Prep Date: 3/24/2023	Analysis D	ate: 3/	27/2023	S	eqNo: 34	459505	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		89.0	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 Analyte detected below quantitation limits Sample pli Not in Range Reporting Limit

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Hall Environmental Analysis Laboratory 4000 Berovius NE Albaquerque, 244 & 168 Test: 202-144-1952 F.C. 262-144-15 Februe: www.kalienwesmental.com

Sample Log-In Check List

Olient Name:	Fon		Wor	(Order Numbe	. 2303	XC3 6		ReptNo: 1
Received By.	Tracy Cas	emublee	3/24/20)23 7:25:00 AN	1			
Completed By.	Tracy Cas	errublee	3/24/20	023 8:00:43 AN	1			
Reviewer By.	fd 3-t	4-23						
Chain of Custi	ody							
1. Is Chain of Cus	itody coinal	ete?			Yes		No R	Not Present 🗆
2. How was the s	ample delm	ereg ⁾			Сош	ier		
Log In						_		
Was all attempt	o at aham I	och the esmp	lee?		Yes	VI.	Nn I	l NA i l
4. Were all sample	es receivad	at a tampera	mura o£ >0°C	570.6 cf	Үөв	Z:	№Г	NA 🗆
5. Sample(s) in pr	oper contail	rer(s)?			Yee	Ø	к₀ []	
6. Sufficient samp	le volume fo	or inercated to	est(s)?		Y 6 6	Ø	No □	
7, Are samples (e)	oppl VOA :	and ONG; pro	aperky preserv	ed?	Yes	Ы	No 🗆	
 Ува развомал 					Yes	П	No 🗹	NA L
9. Received at lea	at 1 vist will	i headspace	<1.4" for AQ \	/GA?	Yes	_	M∘ □	NA ☑
IC Word any samp	ole conta na	rs received b	raken7		Yes	П	No b⊄	# of preserved bottles checked
l 1. Boes paperveri (Note diacraps:			ì		Yes	Ņ	No 🔟	for pHr [<2 or >12 onless note
2 Atematrices co	recity ident	iñea an Ghail	niet Gustady?		Yes	∇	Na□	Adjusted?
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HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE · Afbuquerque, NM 87108 Tel. 505-845-3975 Fax 505-845-4107 Analysis Request	FPH, 80/15D (GRO / DRO / MRO) 8084 Pesticides/8082 PCB's EOB (Meihod 504.1) PAHs by 8310 or 827081MS RCRA 8 Meitals 6) F., Br., NOs., NOs., POs., SOs. B270 (Somi-VOA) Total Coliform (Present/Absent)					Remarks: Concovered by part of Fernandul Bobrigues Concot Bill to EOC Prive the Annual School of the
Chain-of-Custody Record Turn-Around Time: Clent: Ecolo (250x005) (100x10) Project Name: Mailing Address: Double (100x10) Project Name: Project #: Project #:	rokago. O Level 4 (Full Validation) of O Other Type) Type) Type Ty	29:00 5017 REGISTAL 464 407 Jan 1CA 001	8573-72 UCH UNITAN	4353	9:45 8523-79 UCT WILLIAM 0009 V	Reincuis red by Carlo Control



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

andel

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 Analyst: SNS **EPA METHOD 300.0: ANIONS** mg/Kg 20 3/28/2023 2:49:57 PM 73982 EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: PRD 1 3/29/2023 12:18:15 AM 73977 Diesel Range Organics (DRO) ND 9.7 mg/Kg Motor Oil Range Organics (MRO) 1 3/29/2023 12:18:15 AM 73977 mg/Kg 1 3/29/2023 12:18:15 AM 73977 Sur: DNOP 89.6 69-147 %Rec **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 3/28/2023 1:55:00 PM 73962 Sur: BFB 37.7-212 %Rec 1 3/28/2023 1:55:00 PM 73962 103 **EPA METHOD 8021B: VOLATILES** Benzene ND 0.025 mg/Kg 1 3/28/2023 1:55:00 PM 73962 Toluene ND 0.049 3/28/2023 1:55:00 PM 73962 mg/Kg 1 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.

Qualifiers:

- Sample Diluted Due to Matrix Holding times for preparation or analy 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 Blank
- Above Quantitation Range/Estimated Valu-Analyte detected below quantitation limits
- Sample pH Not In Range RI. orting 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

Page 2 of 5

Client:

2303C82

03-Apr-23

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

Platt PA Battery Project: Sample ID: MB-73977 TestCode: EPA Method 8015M/D: Diesel Range Organics SampType: MBLK Client ID: PBS Batch ID: 73977 RunNo: 95601 Prep Date: 3/28/2023 Analysis Date: 3/28/2023 SeqNo: 3460487 Units: mg/Kg Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit Diesel Range Organics (DRO) 10 Motor Oil Range Organics (MRO) 50 ND Surr: DNOP 10.00 83.2 8.3 147 TestCode: EPA Method 8015M/D: Diesel Range Organics Sample ID: LCS-73977 SampType: LCS Client ID: LCSS Batch ID: 73977 RunNo: 95601 Prep Date: 3/28/2023 Analysis Date: 3/28/2023 SeqNo: 3460488 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLImit Diesel Range Organics (DRO) 45 50.00 89.9 61.9 130 Surr. DNOP 5.000

Sample ID: MB-73997	SampType: MBLK	Test	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 73997	R	tunNo: 95646						
Prep Date: 3/29/2023	Analysis Date: 3/29/20	123 S	eqNo: 3461213	Units: %Rec					
Analyte	Result PQL SP	K 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	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 73	997	F	RunNo: 9	5646				
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	60	147			,

- Value exceeds Maximum Contaminar Sample Diluted Due to Matrix Holding times for preparation or analy 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 3 of 5

03-Apr-23

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

900

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 Surr. BFB 2000 1000 198 37.7 212

Sample ID: MB-73962	SampType: MBLK			Tes	tCode: El					
Client ID: PB\$	Batch ID: 73962			F	RunNo: 9					
Prep Date: 3/27/2023	Analysis D	Analysis Date: 3/28/2023			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								

90.3

37.7

212

1000

Surr. BFB

- 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	ype: LC	S	Tes	TestCode: EPA Method 8021B; Volatiles						
Client ID: LCSS	Batc	h ID: 739	62	RunNo: 95638							
Prep Date: 3/27/2023	Analysis [)ate: 3/2	28/2023	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				
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	ype: ME	BLK	TestCode: EPA Method			8021B: Volati	les		
Client ID: PB\$	Batch	h ID: 739	962	RunNo: 95638						
Prep Date: 3/27/2023	Analysis D)ate: 3/	28/2023	SeqNo: 3461098			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	0.90		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

Client Nazire.	EOG		Wark	Crder Num	ber: 2303C92		RopiNo: 1	
Hotrived By.	Tracy Case	arrubias.	3/25/20	23 11:00:00	I AM			
Completed By:	Tracy Case			23 11:30:03				
Reviewed By: J								
Chain of Cust	ody					_		
1. Is Chair of Cos	stody cempi	ete7			Yes 🗆	No 🕅	Noti³resent ∐	
2. How was the s	ample defive	ered7			Courier			
<u>Log In</u>							_	
3. Was an elitemp	t made to c	ool the samp	los7		Yes M	No I I	на П	
ń. Were all samp	es received	al a tempera	dure of >0°C	lo 8.0°C	Yes 🗹	№П	NA 🗆	
5. Semple(a) in pr	roper contain	пецві?			Yes 🔽	No l'il		
5. Sufficient eamp	ie voume fo	or Indicated b	esl(s)?		Yes 🔽	No 🗆		
7, Amisamolos (d				e d?	Yea 🖾	No □		
8. Was preservate	on Babba no	hattles?			Yee 🗀	No ☑	NA II	
9 Rocewood af loa	s: 1 val wtt	n headapace	<1/4" for AQ \	/CA?	Yes 🗆	ж₀ П	ка 🗹	
), Were any sam	ple contaire	rs received 3	imken?		ا∟ موγ	No 🗹	# of preserved bolifies checked	
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17. <u>Coaler Inform</u>		i and	Line	1 =				
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n	7/		100	Tagi			Į.	

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 MTBE / TMB's (8021) TPH-8015D(GRO / DRO / MRO) 8081 Pesticides/8082 PCB's PAHs by 8310 or 8270SIMS RCRA 8 Metals QQ F, Br, NO ₂ , NO ₂ , PO ₆ , SO ₂ 8260 (VOA) 8270 (Somi VOA) Total Coliforn: (Present/Absent)		2 Systy 100 Dive to the total outs and the contracted outs and desired to the contracted outs and desired to the contracted outs and desired to the contracted outs and desired to the contracted outs and desired to the contracted outs and desired
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) control: Clevel 4 (Full Validation) control: Clevel 4 (Full Validation) Control: Control: Clevel 4 (Full Validation) Control: Clevel 4	15:08 50:1 USC3-40 URFTURDW 100 001	Date: Time: Relinquished by: 3.00 Converted by: Visit Date: Time: Remarks: Converted Discovery Office Converted Discovery Office Converted Discovery Office Converted Discovery Office Converted Discovery Office Converted Office



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

andel

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	: SNS
Chloride	ND	61	mg/Kg	20	3/28/2023 2:49:57 PM	73982
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analys	: PRD
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	3/29/2023 12:18:15 AM	73977
Motor Oll 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	: 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

Page 2 of 5

03-Apr-23

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

Client: EOG											
Project: Platt PA	Battery										
Sample ID: MB-73977	SampTyp	e: MB	LK	Tes	tCode: Ep	A Method	8015M/D: Die	sel Range	Organics		
Client ID: PBS	Batch II	Batch ID: 73977			RunNo: 95601						
Prep Date: 3/28/2023	Analysis Date: 3/28/2023				SeqNa: 34	160487	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	8.3		10.00		83.2	69	147				
Sample ID: LCS-73977	SampTyp	e: LCS	3	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	Organics		
Client ID: LCSS	Batch II	D: 739	77	F	RunNo: 95	5601					
Prep Date: 3/28/2023	Analysis Dat	te: 3/2	8/2023		SeqNa: 34	60488	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	SampTyp	e: MB	LK	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	Organics		
Client ID: PBS	Batch II	D: 739	97	F	RunNo: 95	646					
Prep Date: 3/29/2023	Analysis Dat	te: 3/2	9/2023		SeqNa: 34	61213	Units: %Rec	:			
	-										
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual	

Sample ID: LCS-73997	SampType: LCS	TestCode: EPA Method 8	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
Sum DNOD	45 5000	90.5 60	147

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 3 of 5

03-Apr-23

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

Client: Platt PA Battery Project:

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	SampType: MBLK			Tes						
Client ID: PB\$	Batch ID: 73962			RunNo: 95638						
Prep Date: 3/27/2023	Analysis D	ate: 3/	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 exceeded
 Not Detected at the Reporting Limit
 Practical Quantative Limit
 % Recovery outside of standard limits. If undiluted n
- 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

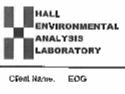
Sample ID: LCS-73962		ype: LC			tCode: Ep						
Client ID: LCSS		h ID: 739		•	RunNo: 9	5638					
Prep Date: 3/27/2023	Analysis [Date: 3/2	28/2023		SeqNo: 3/	461097	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual	
Benzene	0.90	0.025	1.000	0	90.5	80	120				
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	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PB\$	Batch ID: 73962		RunNo: 95638							
Prep Date: 3/27/2023	Analysis Date: 3/28/2023		SeqNo: 3461098			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	0.90		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 havir-voremal Analysis Informitory AMD Homeous NA Albegreeges, 1934 97109 Sample Log-In Check List TEL 5913-146-1907 BAZ 503-143-4107

				PEGSWE: 44F	w.hallenvironn	emova ow		
Client Nazire.	EOG		Wark	: Crder Num	iber: 2303C9	2		RepINo: 1
Hotoved By.	Tracy Cas	amubias	3/25/20	123 11:00:0	3 AM			
Completed By:	Tracy Cas	annubias	3/25/20	123 11:30:0	3 AM			
Reviewed By: J	n.3/2.	7/23						
Chain of Cust	ody							
1. Is Chain of Co	stody cempl	lete?			Yes 🗆	l No	· M	Not Present
2. How was the s	ample deivi	ered7			Courier			
Log In								
3. Was an elitemp	at made to c	ool the samp	les?		Yes M	No	11	на П
4. Were all samp	bewieden zei	al a tempera	lure of >0°C	lo 8.0°C	Yes 🗹	No	, П	NA 🗆
5. Semple(a) in pr	Mper contai	пенеі?			Yes M	No	1"1	
S. Sufficient eamp	de voume fo	or Indicated b	esl(s)?		Yes 😾	No	\Box	
7, Amisamolos (d	xcept VOA i	and ONG) pr	perty preserv	e d?	Yes 🔽	No		
8. Was preservate	yn addad in	hattles?			Yes 🗀	No	\square	NA II
9 Roceved at lea	at 1 vial with	h headapace	<1/4" for AGP	VCA?	Yes 🗆	No	П	ка 🗹
[]. Were any samp	ple containe	rs raceived 3	imken?		ل ۱۹۶۶	No	Ø	# of preserved
1. (Joes pane-wor					Yes 🗹	No		bolifes checked for pH: (:2/27 >12 unless noted)
(Mote discrepat 2, Are metrices co					Yes M	Na	П	Adjusted?
3, lis ii clear what:					Yes 🛂	No	Ŀ	
4 Were all helding (If no, notify cur					Yes 🗹	No		Checked by: TMC 3/25
pecial Handlin	ng (if app	ticable)						
15. Was client not	⊼ea of all di	screpancies	with this order	,	Yaş ∟	. No	L	NA M
Person N	Astilied:			Dale			_	
By Whon	n: j			Via.	☐ eMail	Phane	Fax	∐ In Person
Regardin	g.							
Clent lus	structions:							
16 Addtlonsliren	arks:							
17. <u>Coaler Inform</u>	nation							
Cooler No	Temp 'C 4.0	Condition	Sed Intacl	Seal No	Seef Date	Signed	By_	-
'n		Good	Yes	Yagi				

Chain-of-Custody Record Turn-hound Time: Cherry EOL (2 Sept.WCG) Children Relation	HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE - A buquarque. NM 87108 Tel. 505-345-3976 Fax 505-345-4107 Analysis Request	ETEX MTBE / TMB's (8021) TPH:8015D(GRO / DRO / MRO) 8081 Peaticides/8082 PCB's PAHs by 9310 or 827063MS RCRA 8 Metals RCRA 8 Metals QP F, Br, MOs, MOs, POs, SO, 8260 (VOA) 8270 (Somi VOA) Total Coliforn: (Present/Absent)	Dobs Time Remarks: Mark M
	Turn-Around Time Standard Project Verner Project Verner Project Werner Project #: Project #: Project #:	Project Manager: Chook Color Chook Goders Color Color Color	Soil 1922-40 46-400 WE 1000 100 000



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 Qu	al 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 Oil 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	rt	ex.	R	esi	ources	Services,	Inc.
_					_		_			

Project: Platt PA	Battery	
Sample ID: MB-73997	SampType: MBLK Te	estCode: 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 Va	ai %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: LCS Te	estCode: 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 Va	ai %REC LowLimit HighLimit %RPD RPDLimit Quai
Diesel Range Organics (DRO)	45 10 50.00 0	90.7 61.9 130
Surr. DNOP	4.5 5.000	90.5 69 147
Sample ID: MB-73987	SampType: MBLK Te	estCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	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 Va	ai %REC LowLimit HighLimit %RPD RPDLimit Quai
Surr. DNOP	9.2 10.00	91.6 69 147
Sample ID: LCS-73987	SampType: LCS Te	estCode: 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

PQL SPK value SPK Ref Val %REC LowLimit HighLimit

- Value exceeds Maximum Contaminant Sample Ditried Due to Matrix Holding times for preparation or analyx Not Destocked at the Reporting Limit Practical Quantative 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

%RPD

RPDLImit

Qual

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	Batch ID: 73975 RunNo: 95642								
Prep Date: 3/28/2023	Analysis D)ate: 3/	29/2023		SeqNa: 34	461081	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	SampT	уре: МЕ	LK	Tes	tCode: EF	•				
Client ID: PB\$	Batch	1 ID: 73	75	F	RunNo: 95	642				
Prep Date: 3/28/2023	Analysis D	ate: 3/	29/2023	/2023 SeqNo: 3461082				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		102	37.7	212			

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

- Above Quantitation Range/Estimated Value Analyse 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 Client ID: LCSS		Type: LC:			tCode: Ep					
Prep Date: 3/28/2023	Analysis (Date: 37	29/2023		461088	Units: mg/Kg				
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			
Toluere	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	PA Method	8021B: Volati	108		
Client ID: PBS	Batch	1ID: 73 9	75	F	RunNo: 95	5642				
Prep Date: 3/28/2023	Analysis D	ate: 3/2	29/2023		SeqNa: 34	461089	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr. 4-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.	- 133 -		
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 8 11131	ile care es coot de sample	-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? sricias 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.hallenv ronmen:sl.com kins NE - Albuq.erque, NM 87109 345-3875 Fax 505-345-4107 Analysis Request		Shrigh C.
HALL ENVIRONME ANALYSIS LABORA www.hellenv ronmen;sloom 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3976 Fax 505:345-4107 Analysis Request	Total Coliform (Present/Masent)	
IR Period rique reque	(AOV-ime2) DYS8	
VI SIS Sis 5 x8	(AOV) 08S8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ENVIRO LYSIS LAE Bllenv ronmen; Bl.O. Albuquerque. NI Fax 505-345 Analysis Request	© F, 3r, NO ₃ , NO ₃ , PO ₄ , SO ₄	
子 日 日 日 日	RCRA 8 Metals	
Ns N 85-39	SMISOYS8 to 0168 yd eHAFI	
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HALL ANAL www.hel so1 Hawkins NE -	8'80'9' Pesticides/R08'z PCB's	
490 €	(оям і ояд і оябудагив:нят	Remarks: CC. Chownee Dixon Divect Rill to ECO
	(rsns) शतको 1धरा प्रयास	
Tum-Around Time. = Standord III Rush Wild the Project Name: Project #: Project #: 725-00123-14	Project Manager: Sempler: Ferror Or (2001) Sempler: Ferror Or (2001) A of Coolers: Cooler Templer: Or (2001) Container: Type and # Type Type and # Type	Visi:
Chaing Address: Dr. C. C.	amail or Fax4: 2A/OC Package: 2 Standard Accreditation: D Az Compliance NELAC EDD (Type) Dete T me Matrix Sample Name	



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 Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				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 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. Platt PA Battery Project:

Sample ID: MB-73997 TestCode: EPA Method 8015M/D: Diesel Range Organics SampType: MBLK Client ID: PBS Batch ID: 73997 RunNo: 95646 Prep Date: 3/29/2023 Analysis Date: 3/29/2023 SeqNo: 3461213 Units: mg/Kg Analyte 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 87.7 147 8.8

Sample ID: LCS-73997	SampT	ype: LC	S	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/	29/2023	5	eqNo: 34	61214	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	SampT	уре: МЕ	BLK	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch	ID: 73	987	F	RunNo: 98	5646					
Prep Date: 3/28/2023	Analysis D	ate: 3/	29/2023	5	SeqNo: 3461648			;			
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: LCS	TestCode: EPA Method 8015M/D; Diesel Range Organics
		5 5
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
Same DMOD	4.4 5.000	87.3 60 147

- 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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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	npType: LCS TestCode: EPA Method				A 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	: MBLK TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PB\$	Batch	1ID: 739	75	5 RunNo: 95642						
Prep Date: 3/28/2023	Analysis D	ate: 3/2	29/2023	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								
Come RER	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: LC\$-73975 Client ID: LC\$\$ Prep Date: 3/28/2023		Type: LC: h ID: 738 Date: 37	975	-			d 8021B: Volatiles Units: mg/Kg			
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	SampT	ype: ME	BLK TestCode: EPA Metho			PA Method	8021B: Volatiles				
Client ID: PB\$	Batch	1 ID: 73	975	RunNo: 95642							
Prep Date: 3/28/2023	Analysis D)ate: 3/1	29/2023		SeqNo: 34	461089	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	0.89		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

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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.	- 133 -		
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 8 11131	ile care es coot de sample	-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	
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	oft match boille laLe.s? sricias 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	
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HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenv ronmen:sl.com kins NE - Albuq.erque, NM 87109 345-3875 Fax 505-345-4107 Analysis Request		Shrigh C.
HALL ENVIRONME ANALYSIS LABORA www.hellenv ronmen;sloom 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3976 Fax 505:345-4107 Analysis Request	Total Coliform (Present/Masent)	
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Chaing Address: Dr. C. C.	amail or Fax4: 2A/OC Package: 2 Standard Accreditation: D Az Compliance NELAC EDD (Type) Dete T me Matrix Sample Name	



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 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 5:28:24 PM
Motor Oil 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
- - Page 1 of 16

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 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 2 of 16

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 Oll 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 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 3 of 16

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BS23-34 4ft Collection Date: 3/27/2023 11:15:00 AM Project: Platt PA Battery Lab ID: 2303D76-004 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)	12	9.6	mg/Kg	1	3/30/2023 6:11:21 PM
Motor Oil 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 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: BS23-35 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
 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 5 of 16

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 Oli 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 Oil 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

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	Qual Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				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 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
- - Page 8 of 16

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 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: BS23-40 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 OF	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 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: BS23-41 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 Q	nal Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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 pH 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
- - Page 12 of 16

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

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	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PB\$	Batch	ID: 74	015	RunNo: 95677								
Prep Date: 3/29/2023	Analysis D	ate: 3/	30/2023	SeqNo: 3462620 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	10		10.00		102	69	147					

Sample ID: LCS-74015	SampT	ype: LC	s	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch	1D: 74	015	RunNo: 95677							
Prep Date: 3/29/2023	Analysis D	ate: 3/	30/2023	S	eqNo: 34	462621	Units: mg/K	g			
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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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	ype: Ms	3	Tes	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: B\$23-31 4ft	Batch	ID: 74	005	F	RunNo: 95669						
Prep Date: 3/29/2023	Analysis D	ate: 3/	30/2023	5	eqNo: 3	463594	Units: mg/K	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual	
Gasoline 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	SampType: MSD TestCode: EPA Method 8015D: Gasoline Range										

Sample ID: 2303d76-001am8d	SampT	уре: мя	BD	Tes	PA Method	8015D: Gaso	iline Rang	9		
Client ID: B\$23-31 4ft	Batch	atch ID: 74005 RunNo: 95669								
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	SampType: LC\$ 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: 34	463607	Units: mg/K	g		
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	tCode: El	d 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	5	SeqNo: 3	463608	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											

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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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	SampType: LCS TestCode: EPA Meth Batch ID: 74005 RunNo: 95669						od 8021B: Volatiles							
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	Ref Val %REC LowLimit			%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: PBS	Batcl	n ID: 74	005	F	tunNo: 9	5669				
Prep Date: 3/29/2023	Analysis D	ate: 3/	30/2023	5	eqNo: 34					
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-Bromoffworobenzene	0.92		1.000		91.8	70	130			

Sample ID: 2303d76-002ame Client ID: B\$23-32 4ft Prep Date: 3/29/2023		ype: M8 1 ID: 74 late: 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-Bromoffworobenzene	0.90		0.9671		92.9	70	130			

Sample ID: 2303d76-002am8	d Samp1	Type: MS	D	Tes	8021B: Volat	lles				
Client ID: B\$23-32 4ft	Batcl	h ID: 740	005	F	RunNo: 9	5669				
Prep Date: 3/29/2023	Analysis D)ate: 3/	31/2023	S	SeqNo: 34	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-Bromofluorobenzene	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

Client Neme	Verlex Reso Services, In		Work Orde	Nurnber: 2	303076			RoptNo. 1	
Received By:	Tracy Cass	arrubias	3/29/2023 7:	35:00 AM					
Completed by:	Tracy Casa	arrubias	3/29/2023 7:	9:37 AM					
Reviewed By:	J~3/	129/2.	3						
Chain of Cus	stody								
1. Is Chain of C	Sustany covnjak	ato?		γ	cs · ·	No b	₩	Not Proson:	
how was the	ватрю веім;	rod?		9	cuner				
Log In 3. Was an affer	npt mada to co	oci tha agripi	es ⁷	·	∞ ⊻	No [na 🗆	
4. Were all sam	ples received :	at a temperal	lura of >D°C ho 6 ()	'c •	rs ⊻ l	No L	_	Na .J	
5. Sample(s) in	proper cursain	ner(s)?		•	ns 🛂	No [
Б, Sufficient san	ngle vuluine fo	n indicated te	នាទែរ?	Y	as 🛂	No L			
			pe:ly p:eserved?		V	No	_ 		
8 Was preserve			, , , ,	Ye	es 🗆	No 5	7	NA [
9. Received at I	cest 1 yes with	heedapace :	dM* for AQ VOA7	Y	.s П	No :	ı	NA M	
(I). Were any sis	niple container	rs rare ved h	омен у	Y	ل وو	Na F	~	# of preserved	
i 1. Does paperw (Note discree	urk maten bett ancies on ohe			Y	ee ⊡	No :	٦	bottlas checked fou pH. (<2 or <12 indess na	iteri)
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15 Was alient n	otříleů of all dis	enequencies o	vith this omter>	Υ	ee 🗆	No .		NA ·ZZ	
Person	Notified:			Date:					
Dy Wh				Via ∏ (eMail [Pliane 🗀 [Fier	☐ In Person	
Regard	- ,								
Ctenti	instruziona.								
16. Additional re	maiks								
17. <u>Coaler Info</u> Cooler No		Cardiline	Seal Infact , Sea	ING See	l Date	Skmed By			
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HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallcnvironme-rtal.com www.hallcnvironme-rtal.com www.hallcnvironme-rtal.com	3675 Fax 505-345-4107 Analysis Request	luesq√//u	als) (ON _,OI (AOV)	9 Ме 8r, и (AOV)	8250 ((건) (전) (전) (전)	>	>	2	2	<i>'</i>				>	>>	\		charge Dixon & Robines		cled cele will be dearly refuled on the straphesingfort.
AN www	Tel. 505-345-3575) (18D) Setici Setino	9 1909 1003	>!	>	>	7		>>	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	77.77	7	2	>	>	Remarks:	7.99.10	s possibility. Am sub-contact
Turr-Around Time: U Sterderd Bush 40th Project Name: A Battery	100123-14	Project Menager: CVAVACAL DIKOM	Sempler Covered Reducing Control Contr	Cooler Temphersons CF1 31 -0.7x 2.9 ("C)	Container Preservative HEAL No. Type and # Type	402 por 100 1001	1 1 002	003	Lav	VOC	000	£00	000	000	010	100	¥ 018	Manual cy: Ve. Speke limb	Data	Tasked to other, acr wife is his screen was as not be of in
Client: そうら (esov Ceso Provided) Provided Provided (very ex) Provided Prov	Pronord:	sxkg: Pax#: Clevel 4 (Full Validation)	n: D Az Compliance		Date Time Matrix Sample Name T	3ho 11:00 Goil 18523-31 485 4	434 722-2058 1 Som 1	4,	~	11:20 1 PROB-35 UPA	8523 - 26	1 Kr30 (RS23-37 4Pt	HIS 1 8523-38 YH	11:40 12:02-39 ULT	HM2 1 4523- 110 714	11:50 1 8583-41 2511	11.55 W LEASON YOU	Cole Time. Relinus red by	Selinquished by:	15



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

Result	RL	Qual	Units	DF	Date Analyzed
E ORGANICS					Analyst: PRD
ND	9.9		mg/Kg	1	3/30/2023 5:28:24 PM
ND	49		mg/Kg	1	3/30/2023 5:28:24 PM
76.8	69-147		%Rec	1	3/30/2023 5:28:24 PM
SE .					Analyst: JJP
ND	4.8		mg/Kg	1	3/30/2023 10:15:04 PM
101	37.7-212		%Rec	1	3/30/2023 10:15:04 PM
					Analyst: JJP
ND	0.024		mg/Kg	1	3/30/2023 10:15:04 PM
ND	0.048		mg/Kg	1	3/30/2023 10:15:04 PM
ND	0.048		mg/Kg	1	3/30/2023 10:15:04 PM
ND	0.097		mg/Kg	1	3/30/2023 10:15:04 PM
89.0	70-130		%Rec	1	3/30/2023 10:15:04 PM
					Analyst: SNS
2400	60		mg/Kg	20	3/30/2023 6:22:00 PM
	E ORGANICS ND ND 76.8 GE ND 101 ND ND ND ND ND ND ND ND ND 89.0	ND 9.9 ND 49 76.8 69-147 SE ND 4.8 101 37.7-212 ND 0.024 ND 0.048 ND 0.048 ND 0.097 89.0 70-130	ND 9.9 ND 49 76.8 69-147 GE ND 4.8 101 37.7-212 ND 0.024 ND 0.048 ND 0.048 ND 0.097 89.0 70-130	BE ORGANICS ND 9.9 mg/Kg ND 49 mg/Kg 76.8 69-147 %Rec SE ND 4.8 mg/Kg 101 37.7-212 %Rec ND 0.024 mg/Kg ND 0.048 mg/Kg ND 0.048 mg/Kg ND 0.048 mg/Kg ND 0.097 mg/Kg 89.0 70-130 %Rec	BE ORGANICS ND 9.9 mg/Kg 1 ND 49 mg/Kg 1 76.8 69-147 %Rec 1 SE ND 4.8 mg/Kg 1 101 37.7-212 %Rec 1 ND 0.024 mg/Kg 1 ND 0.048 mg/Kg 1 ND 0.048 mg/Kg 1 ND 0.048 mg/Kg 1 ND 0.048 mg/Kg 1 ND 0.097 mg/Kg 1 89.0 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 % 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: BS23-32 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

Result	RL	Qual Units	DF	Date Analyzed
ORGANICS				Analyst: PRD
ND	9.6	mg/Kg	1	3/30/2023 5:49:49 PM
ND	48	mg/Kg	1	3/30/2023 5:49:49 PM
80.6	69-147	%Rec	1	3/30/2023 5:49:49 PM
				Analyst: JJP
ND	4.8	mg/Kg	1	3/30/2023 11:25:41 PM
103	37.7-212	%Rec	1	3/30/2023 11:25:41 PM
				Analyst: JJP
ND	0.024	mg/Kg	1	3/30/2023 11:25:41 PM
ND	0.048	mg/Kg	1	3/30/2023 11:25:41 PM
ND	0.048	mg/Kg	1	3/30/2023 11:25:41 PM
ND	0.097	mg/Kg	1	3/30/2023 11:25:41 PM
91.0	70-130	%Rec	1	3/30/2023 11:25:41 PM
				Analyst: SNS
1600	60	mg/Kg	20	3/30/2023 6:34:24 PM
	ND ND 80.6 ND 103 ND ND ND ND ND ND ND ND ND ND ND 91.0	ND 9.6 ND 48 80.6 69-147 ND 4.8 103 37.7-212 ND 0.024 ND 0.048 ND 0.048 ND 0.097 91.0 70-130	ND 9.6 mg/kg ND 48 mg/kg 80.6 69-147 %Rec ND 4.8 mg/kg 103 37.7-212 %Rec ND 0.024 mg/kg ND 0.048 mg/kg ND 0.048 mg/kg ND 0.048 mg/kg ND 0.097 mg/kg 91.0 70-130 %Rec	ND 9.6 mg/Kg 1 ND 48 mg/Kg 1 80.6 69-147 %Rec 1 ND 4.8 mg/Kg 1 103 37.7-212 %Rec 1 ND 0.024 mg/Kg 1 ND 0.048 mg/Kg 1 ND 0.048 mg/Kg 1 ND 0.048 mg/Kg 1 ND 0.048 mg/Kg 1 ND 0.048 mg/Kg 1 ND 0.097 mg/Kg 1 91.0 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 % 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 Oll 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 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: BS23-34 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
 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	ıal 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 Oli 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
 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: BS23-36 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 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

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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

Result	RL Q	ual Units	DF	Date Analyzed
RGANICS				Analyst: PRD
ND	10	mg/Kg	1	3/30/2023 7:15:39 PM
ND	50	mg/Kg	1	3/30/2023 7:15:39 PM
101	69-147	%Rec	1	3/30/2023 7:15:39 PM
				Analyst: JJP
ND	4.9	mg/Kg	1	3/31/2023 2:10:08 AM
101	37.7-212	%Rec	1	3/31/2023 2:10:08 AM
				Analyst: JJP
ND	0.025	mg/Kg	1	3/31/2023 2:10:08 AM
ND	0.049	mg/Kg	1	3/31/2023 2:10:08 AM
ND	0.049	mg/Kg	1	3/31/2023 2:10:08 AM
ND	0.099	mg/Kg	1	3/31/2023 2:10:08 AM
88.5	70-130	%Rec	1	3/31/2023 2:10:08 AM
				Analyst: SNS
1800	60	mg/Kg	20	3/30/2023 7:36:27 PM
	ND ND 101 ND ND ND ND ND ND ND ND ND ND ND 88.5	ND 10 ND 50 101 69-147 ND 4.9 101 37.7-212 ND 0.025 ND 0.049 ND 0.049 ND 0.099 88.5 70-130	ND 10 mg/Kg ND 50 mg/Kg 101 69-147 %Rec ND 4.9 mg/Kg 101 37.7-212 %Rec ND 0.025 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.099 mg/Kg 88.5 70-130 %Rec	ND 10 mg/Kg 1 ND 50 mg/Kg 1 101 69-147 %Rec 1 ND 4.9 mg/Kg 1 101 37.7-212 %Rec 1 ND 0.025 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.099 mg/Kg 1 88.5 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 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 Oil 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 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: BS23-40 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 Oli 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 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: BS23-41 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
ORGANICS				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 101 ND ND ND ND ND ND ND ND ND ND ND ND 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	DRGANICS 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 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 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	al Units	DF	Date Analyzed		
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				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	ma/Ka	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
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative Limit
 s % Racovery 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 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	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	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 % 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

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	Test	Code: El	PA Method	8015M/D: Die	sel Rang	Organics	
Client ID: PB\$	Batch	Batch ID: 74015			tunNo: 9	5677				
Prep Date: 3/29/2023	Analysis D	Analysis Date: 3/30/2023			SeqNo: 3462620			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	10		10.00		102	69	147			

Sample ID: LCS-74015	SampT	ype: LC	s	Test	Code: El	PA Method	8015M/D: Die	esel Rang	e Organics		
Client ID: LCSS	Batch	Batch ID: 74015			tunNo: 9	5677					
Prep Date: 3/29/2023	Analysis Date: 3/30/2023			S	eqNo: 34	462621	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				

- 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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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	ype: Ms		Tes	tCode: El	PA Method	8015D: Gaso	ilne Rang	ө		
Client ID: B\$23-31 4ft	Batch ID: 74005			R	RunNo: 98	5669					
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: 2303d76-001am8d	SampT	ype: Ms	SD.	Tes	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: B\$23-31 4ft	Batch	Batch ID: 74005			RunNo: 9	5669					
Prep Date: 3/29/2023	Analysis D	ate: 3/	30/2023	SeqNo: 3463595			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	ype: LC	:\$	Tes	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	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	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	9	
Client ID: PB\$	Batch	1D: 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 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 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: LCS-74005 Client ID: LCSS	Batcl	Type: LC	005	F	RunNo: 9	5669	8021B: Volat			
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	SampType: MBLK			tCode: El	illes				
Client ID: PB\$	Batch	Batch ID: 74005			RunNo: 9	5669				
Prep Date: 3/29/2023	Analysis D	Analysis Date: 3/30/2023			eqNo: 34	463615	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-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			

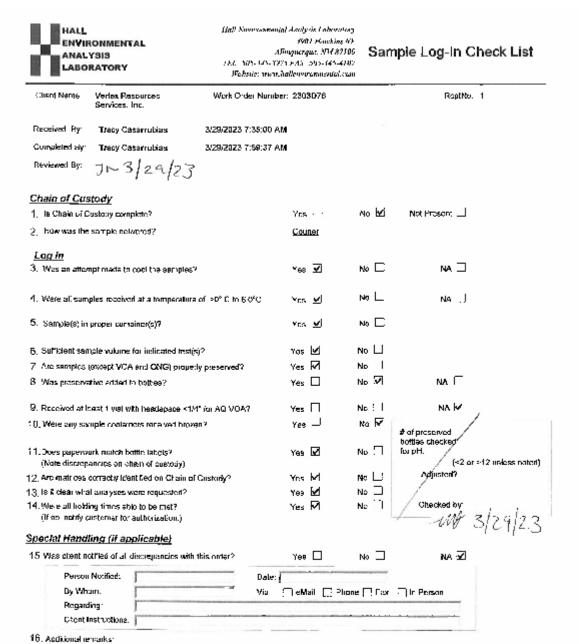
Sample ID: 2303d76-002ams	d Samp1	Type: MS	SD.	Tes	TestCode: EPA Method 8021B: Volatiles					
Client ID: B\$23-32 4ft	Batc	h ID: 74	005	F	RunNo: 9	5669				
Prep Date: 3/29/2023	Analysis D	Date: 3/	31/2023	5	eqNo: 3	463630	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%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
 Analyte detected below quantitation limits
 Sample pli Not in Range
 RL. Reporting Limit

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

Morty

Yes

17. Cooler Information

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Goog

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallcnvironmental.com 4931 Hawkins NE - Afluquerque, NM 97109 -al. 505-345-3575 Fax 505-345-4107 Analysis Request	### (BOS1) ### (B
Chain-of-Custody Record Client: FOO (250x C25) (Vertex) Mailing Address: Cure File Project W. Contract Projec	



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 Lab ID: 2304077-001 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 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 Oll 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
EPA METHOD 8015D: GASOLINE RANGE					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

- 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

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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						Analys	t: JMT
Chloride	ND	60		mg/Kg	20	4/5/2023 9:32:23 PM	74150
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS					Analys	t: DGH
Diesel Range Organics (DRO)	250	10		mg/Kg	1	4/6/2023 5:33:44 PM	74121
Motor Oll 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						Analys	t: 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						Analys	t: JJP
Benzene	ND	0.024		mg/Kg	1	4/5/2023 12:58:38 PM	74113
Toluene	ND	0.048		mg/Kg	1	4/5/2023 12:58:38 PM	74113
Ethylbenzene	ND	0.048		mg/Kg	1	4/5/2023 12:58:38 PM	74113
Xylenes, Total	ND	0.096		mg/Kg	1	4/5/2023 12:58:38 PM	74113
Surr: 4-Bromofluorobenzene	87.2	70-130		%Rec	1	4/5/2023 12:58:38 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 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 O	RGANICS					Analys	t: DGH
Diesel Range Organics (DRO)	230	9.8		mg/Kg	1	4/6/2023 6:16:42 PM	74121
Motor OII 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

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10-Apr-23

Qual

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

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	Samp1	ype: LC	S	Tes	TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batc	Batch ID: 74113 RunNo: 95822								
Prep Date: 4/4/2023	Analysis [)ate: 4/	5/2023		SeqNa: 34	468624	Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	85.8	70	130			
Surr. BFB	1900		1000		191	37.7	212			

Sample ID: mb-74113	SampT	Tes	tCode: EF	A Method	8015D: Gasol	ine Range				
Client ID: PB\$	Batch	Batch ID: 74113 RunNo: 95822								
Prep Date: 4/4/2023	Analysis D	ate: 4/	5/2023	SeqNo: 3468626			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								
C DEB	4000		4000		400	27.7	242			

- 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 6 of 7

10-Apr-23

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

Client: Project: Platt PA Battery

Sample ID: LCS-74113 Client ID: LCSS Prep Date: 4/4/2023		Type: LC: h ID: 741 Date: 4/5	113	F	tCode: Ep RunNo: 9; SeqNo: 3;					
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: El	PA Method	8021B: Volati	108		
Client ID: PB\$	Batch	h ID: 741	113	RunNo: 95822						
Prep Date: 4/4/2023	Analysis D)ate: 4/	5/2023	SeqNo: 3468662			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	0.87		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 Nance. EOG		Work Order Numb	ær: 2304077		ReptNo: 1
Received By: Juan Re	ojas	4/4/2023 7:25:00 A	м	Legendo (g)	
	vingstan	4/4/2023 8:D1:55 A4	м	i provincia primi Similar je	-/-
Reviewed By JA 4	lulzz			. sv—·c-4 ja	»
Chain of Custody					
1. Its Chain or Chistody con	rplete?		Ycs ¥d	No ∐	Nat Present []
 How was the sample ce 	Ivered?		Солцег		
<u>Log in</u> 3. Was an stlempt mede to	conditie semples?		Yet 🗹	No 🗆	мд Ц
4. Word all samples receiv	ac at a tampereture o	form City Birth	Yes M	No L	MA I I
S Garngče(s) in proper con	tainer(s)?		Yes M	No II	
යි. Sulf de it sample volum	e for imlicated test(s)?	•	Yes 🗷	No _	
7. Are samples (except VO	A and ONG) properly	preserved?	Yes 💆	Na I i	
B. Was preservative added	to bolties?		Yes [.	No ₹.	na 📙
9. Received all least 1 vial v	villi headspace < 1/4"	for AQ VOA?	Yes 🗔	No 1	NA ☑
1(I Ware any sampla conta	nera received broken	?	үө₃∷	No 20 ,	of preserved
11. Does paperwork match i (Note discrepancies un c			Yes 🗹	_ t	or pet: (<2 cr >12 unless noted
Are matrices currently id		usinde?	Yes 🗠	Na ∐	Adjustec?
3 lairi dinar what analyses		,	Yes 🗹	No 🗆	
14. Were all holding times a	Na to sa me?		Yee 🕏	- No = /	Checked by:
(If no, solify quaterner to	(Buil orization.)				W 4/4/23
Special Handling (if a	oplicable)				
15. Was dient notified of all	រើសបានក្នុងពេញស្វាម៉ាញ (។	is order?	Yes 🔟	Ma 📙	NA 🔽
Person Notified:	J	Date.			
Sty Whorm		VIa.	□ вМе! □ г	Phone Fax	In Person
Regarding:	1				
Client Instructions	- 3		The Control of the Co		
16 Additional ramarks:					
17. Cooler Information					
Coaler Na Terna ^a		t Intact See No	Seel Date	Signed By	
1 0.7	'Good Not I	Present (Morry			

RATORY 108			
HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4801 Hawkins NE - Albuquerque. NM 87108 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request	9260 (VOA) 8270 (Somi VOA) Total Coliform (Present/Absent)		non
HALL ENVIRON INALYSIS LABC www.hallenvironmental.com ins NE - Albuquarque. NM 1 15-3975 Fax 5/05-345-41 Analysis Request		ナ	Chance Dixore
######################################	★ TPH: 801 Feebicles/3082 PCB's 8081 Peebicles/3082 PCB's 8081 Peebicles/3082 PCB's	メ メメ	Remarks:
48hr			VB: Colo Time Re
Standard Time: Standard A.Rush 48th rect Name: Platt PA Sattery Rect # 22E-00123 Base 24	Tuntar Kh	>	WALLAMANA ONE: Sociologia by Visite of the Control
Tum-Around Time: Standerd Project Name: Project #	Project Merage: Samples: Husc On Ice: The Cooler Temp.mar Container Pre Type and # Typ Hora		Received by NAMA Received by:
broom	uli Valtdetton)	4 T 4	
Chain-of-Custody Record COS (Vector) Reddress: Par Fill.	D Level 4 (F mpliance Sample Na WES33.7	8 E533 - 43 8 E533 - 43 5 E533 - 44	Ruth Him Mindales of
iin-of-Cu		12.05 12.05 12.15 12.15	2 1 2
Clent: £0 g	email or Fex#: QA/QC Package: Standard Accreditation: : Az D NELAC	12.82 11.15 11.15	Date: Time: 35/3/2003 AV: 35/00/2003 AV: 35/00/2000



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 Lab ID: 2304260-001 Matrix: SOIL Received Date: 4/6/2023 7:22:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	CAS
Chloride	ND	61	mg/Kg	20	4/8/2023 1:57:48 AM	74211
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analys	: PRD
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	4/10/2023 11:08:48 AM	74198
Motor Oll 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					Analys	: 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					Analys	: 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

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

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

12-Apr-23

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

Client:	EOG
Project:	Platt PA Battery

Sample ID: LCS-74202	SampT	ype: LC:	s	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch	ID: 742	202	F	RunNo: 9	5894					
Prep Date: 4/7/2023	Analysis D	ate: 4/1	10/2023		SeqNo: 3	472132	Units: %Rec	;			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual	
Surr: DNOP	4.5		5.000		90.2	69	147				

Sample ID: MB-74202	SampTy	pe: MBLK	Tee	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PB\$	Batch I	ID: 74202	ı	RunNo: 9	5894					
Prep Date: 4/7/2023	Analysis Da	te: 4/10/2023	:	SeqNo: 34	472133	Units: %Rec	:			
Analyte	Result	PQL SPK valu	e SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual	
Sure DNOP	8.7	10.0	1	87.2	69	147				

Sample ID: MB-74198	SampType: MBLK			Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PB\$	Batch	1ID: 74	198	F	RunNo: 95	5898					
Prep Date: 4/7/2023	Analysis D	ate: 4/	10/2023	5	SeqNa: 34	72268	Units: mg/K	9			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual	
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr. DNOP	8.3		10.00		83.4	69	147				

Sample ID: LCS-74198	SampT	ype: LC	\$	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: LCSS	Batch	1D: 74	198	RunNo: 95898									
Prep Date: 4/7/2023	Analysis D)ate: 4/	10/2023		SeqNo: 34	172269	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						
Surr. DNOP	4.4		5.000		88.5	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 limin

- 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

12-Apr-23

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

970

Client:

Surr. BFB

Project: Platt PA Battery

Sample ID: Ics-74179	Samp1	ype: LC	S	Tes	tCode: Ep	A Method	8015D: Gasol	ine Range		
Client ID: LCSS	Batch	1D: 74	179	F	RunNo: 9	5869				
Prep Date: 4/6/2023	Analysis D)ate: 4/	8/2023	5	SeqNa: 34	171789	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	90.2	70	130			
Surr. BFB	1900		1000		185	37.7	212			

Sample ID: mb-74179	SampType: MBLK			Tes	TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PB\$	Batch	1ID: 74	179	F	RunNo: 9	5869				
Prep Date: 4/6/2023	Analysis D)ate: 4/	8/2023	5	SeqNo: 34	471791	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								

37.7

212

1000

- 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

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

Page 4 of 5

12-Apr-23

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

Client: Project: Platt PA Battery

Sample ID: LCS-74179	SampT	ype: LC	s	Tes	tCode: Ep	A Method	8021B: Volati	les		
Client ID: LCSS	Batch	h ID: 741	179	F	RunNo: 95	5869				
Prep Date: 4/6/2023	Analysis D)ate: 4/(8/2023		SeqNo: 34	173502	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	Samp1	ype: ME	BLK	TestCode: EPA Method 8021B; Volatiles						
Client ID: PB\$	Batch	h ID: 741	179	RunNo: 95869						
Prep Date: 4/6/2023	Analysis [)ate: 4/	8/2023		SeqNo: 34	473503	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	0.83		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

Yes COunter Yes V Yes V Yes V Yes V Yes I Yes I Yes I Yes I Yes I	No M No □ No □ No □ No □ No □	Mal Present :□ NA : NA □ NA □	
Counter Yes Yes Yes Yes Yes Yes Yes Yes	No	na □ na □	
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Counter Yes Yes Yes Yes Yes Yes Yes Yes	No	na □ na □	
Counter Yes Yes Yes Yes Yes Yes Yes Yes	No	na □ na □	
Yes 🗹 Yes 🗹 Yes 🗹 Yes 🗹 Yes 🛒 Yes 🖂	No □ No □ No □ No □ No □	NA □	
Yes ☑ Yes ☑ Yes ☑ Yes ☑ Yes ☐	No □ No □ No □ No □ No □	NA □	
Yes ☑ Yes ☑ Yes ☑ Yes ☑ Yes ☐	No □ No □ No □ No □ No □	NA □	
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al Date	Signed By		
		es M No	(*2 or :-12 unless noted) Adjusted? Adjusted? Adjusted? Checked by: Adjusted? Adjusted. Adj

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com kins NE Abuquorquo, NM 87103 845-3875 Fax 505 345 4107 Analysis Request			Kemaiks: CC: Chowing Dixon & Fernando Rodriguez Durect Bill to EOG
IALL ENVIRONM INALYSIS LABOI www.hallenvironmertal.com ins NE Abuquerque, NM 87 15-3875 Fax 505 345 4107 Analysis Request	(AOV-incoc) DT28 (AOV-incoc) DT28 (AOV-incoc) Pt0T		CC: Choured Divord Threet Bill to EOG preetly, Any excent seed as with a early water on
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Client: ECC Resources Mailing Address: Con File Phane #:	L Level 4 (Full Vel	4 14:00 2011 WSB-57 4F+	اسم



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

andel

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 OF	RGANICS					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	: 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	: 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 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 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						Analyst	: ЈПТ
Chloride	1100	60		mg/Kg	20	7/19/2022 1:35:12 PM	68889
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	830	140		mg/Kg	10	7/18/2022 7:11:45 PM	68825
Motor Oil 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						Analyst	: 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						Analyst	: 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

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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 Lab ID: 2207651-003 Matrix: SOIL Received Date: 7/14/2022 7:00:00 AM

	- ·				-	D (1 - 1 - 1	D 4 1
Analyses	Result	KL	Quai	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JTT
Chloride	1200	60		mg/Kg	20	7/19/2022 1:47:36 PM	68889
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	: SB
Diesel Range Organics (DRO)	270	73		mg/Kg	5	7/19/2022 10:51:02 AM	68825
Motor Oli Range Organics (MRO)	440	240		mg/Kg	5	7/19/2022 10:51:02 AM	68825
Surr: DNOP	100	51.1-141		%Rec	5	7/19/2022 10:51:02 AM	68825
EPA METHOD 8015D: GASOLINE RANGE	i .					Analyst	: 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						Analyst	: NSB
Benzene	ND	0.024		mg/Kg	1	7/18/2022 7:34:10 PM	68814
Toluene	ND	0.048		mg/Kg	1	7/18/2022 7:34:10 PM	68814
Ethylbenzene	ND	0.048		mg/Kg	1	7/18/2022 7:34:10 PM	68814
Xylenes, Total	ND	0.096		mg/Kg	1	7/18/2022 7:34:10 PM	68814
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	7/18/2022 7:34:10 PM	68814

- 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 3 of 15

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	: ЛТ
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	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/18/2022 7:58:13 PM	68814
Sum: BFB	102	37.7-212	%Rec	1	7/18/2022 7:58:13 PM	68814
EPA METHOD 8021B: VOLATILES					Analys	: 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 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

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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

- 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 12' Project: Platt Battery Collection Date: 7/12/2022 2:00:00 PM

Lab ID: 2207651-006 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	1600	60		mg/Kg	20	7/19/2022 3:14:29 PM	68889
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS					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
EPA METHOD 8015D: GASOLINE RANGE						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

- 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 Lab ID: 2207651-007 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	73	60		mg/Kg	20	7/19/2022 3:26:54 PM	68889
EPA METHOD 8015M/D: DIESEL RANGE OR					Analys	t: SB	
Diesel Range Organics (DRO)	990	150		mg/Kg	10	7/19/2022 4:01:44 PM	68859
Motor Oll 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

- 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 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 OR	GANICS					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

- 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	: ЈПТ
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
EPA METHOD 8015D: GASOLINE RANGE						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

- 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: Platt Battery Project:

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.

Client: EOG		
Project: Platt Bat	ttery	
Sample ID: MB-68848	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 68848	RunNo: 89573
Prep Date: 7/18/2022		SegNo: 3188497 Units: %Rec
	Analysis Date: 7/18/2022	•
Analyte		SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr. DNOP	7.3 10.00	73.1 51.1 141
Sample ID: LCS-68848	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 68848	RunNo: 89573
Prep Date: 7/18/2022	Analysis Date: 7/18/2022	SeqNo: 3188498 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr. DNOP	3.0 5.000	60.5 51.1 141
Sample ID: MB-68825	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 68825	RunNo: 89573
Prep Date: 7/16/2022	Analysis Date: 7/18/2022	SegNo: 3189637 Units: mg/Kg
	•	
Analyte Diesel Range Organics (DRO)	ND 15	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Motor Oil Range Organics (MRO)	ND 50	
Surr. DNOP	7.3 10.00	72.6 51.1 141
Sample ID: LCS-68825	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 68825	RunNo: 89573
Prep Date: 7/16/2022	Analysis Date: 7/18/2022	SeqNo: 3189638 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 76.1 64.4 127
Surr. DNOP	3.7 5.000	73.3 51.1 141
Sample ID: MB-68859	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PB\$	Batch ID: 68859	RunNo: 89602
Prep Date: 7/18/2022	Analysis Date: 7/19/2022	SeqNo: 3191340 Units: mg/Kg
Analyte	-	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 15	SPRING VOI JONES COMMINE TRIGICINE JONES TO THE COMMINE COMMINE COMMINE TRIGICINE JONES TO THE COMMINE
Motor Oil Range Organics (MRO)	ND 50	
Surr. DNOP	5.3 10.00	53.1 51.1 141
Sample ID: LCS-68859	SampType: LC\$	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 68859	RunNo: 89602
Prep Date: 7/18/2022	Analysis Date: 7/19/2022	SeqNo: 3191341 Units: mg/Kg

- Value exceeds Maximum Contamins Sample District Due to Matrix Holding times for preparation or anal Not Detected at the Reporting Limit Practical Quantative Limit % Recovery outside of range due to 6

Result

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

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

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Qual

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	SampType: LCs TestCode: Ep./						Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 68859			RunNo: 89602									
Prep Date: 7/18/2022	Analysis D	ate: 71	19/2022		SeqNa: 31	191341	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 0 76.5 64.4 127									
Surr. DNOP	3.0		5.000		59.3	51.1	141						

Sample ID: MB-68860	SampType: MBLK TestCode: EPA Method 80						8015M/D: Dies	el Range	Organics	
Client ID: PB\$	Batch	D: 688	60	F	RunNo: 85	9602				
Prep Date: 7/18/2022	Analysis Da	te: 7/1	9/2022	5	SeqNa: 31	191354	Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Surr. DNOP	5.6		10.00		55.9	51.1	141			

Sample ID: LCS-68860	SampTyp	SampType: LC\$ TestCode: EPA Method 80						Organics	
Client ID: LCSS	Batch II	D: 68860	F	RunNo: 8	9642				
Prep Date: 7/18/2022	Analysis Dat	e: 7/20/2022		SeqNo: 3	192049	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 associated Method Estimated value Analyte detected below quantitation limits Sample pH Not In Range

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Client:

2207651

25-Jul-22

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

Project: Platt Batt	ery									
Sample ID: Ics-68819	Samp1	ype: LC	S	Tes	tCode: EP	A Method	8015D: Gasol	ine Range		
Client ID: LCSS	Batc	h ID: 688	819	F	RunNo: 85	9553				
Prep Date: 7/15/2022	Analysis [)ate: 7/	18/2022		SeqNo: 31	188815	Units: mg/K	g		
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	SampT	уре: МВ	LK	Tes	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch	ID: 688	819	F	RunNo: 85	9553					
Prep Date: 7/15/2022	Analysis D	ate: 7/	18/2022	SeqNo: 3188816			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	890		1000		89.1	37.7	212				

Sample ID: mb-68814	SampT	SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PB\$	Batch	Batch ID: 68814 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: lcs-68814	SampT	ype: LC	S	Tes	tCode: EF	A Method	8015D: Gasol	ine Range)	
Client ID: LCSS	Batch	Batch ID: 68814 RunNo: 89576								
Prep Date: 7/15/2022	Analysis D	ate: 7/	18/2022	5	189012	Units: mg/K	g			
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	Te	estCode: EPA Method	8015D: Gasol	ine Range	,	
Client ID: PB\$	Batch ID: 68831		RunNo: 89576				
Prep Date: 7/16/2022	Analysis Date: 7/19/2	022	SeqNo: 3189059	Units: %Rec	;		
Analyte	Result PQL SF	PK value SPK Ref Va	%REC LowLimit	HighLimit	%RPD	RPDLImit	Qual
Come RER	990	1000	002 377	212			

Sample ID: Ics-68831	SampType: LCS	Test	Code: EPA Method	EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 68831	R	unNo: 89576							
Prep Date: 7/16/2022	Analysis Date: 7/19/20	22 S	SeqNo: 3189060 Units: %Rec							
Analyte	Result PQL SPI	K value SPK Ref Val	%REC LowLimit	HighLimit	%RPD	RPDLImit	Qual			
Surr. BFB	2100	1000	210 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 range due to

- Analyte detected in the ass Estimated value Analyte detected below qui 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 Client ID: LCSS		Type: LC			tCode: Ep		8021B: Volati	les		
Prep Date: 7/15/2022	Analysis I				SeqNo: 31		Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual
Benzene	0.81	0.025	1.000	0	80.6	80	120			
Toluene	0.82	0.050	1.000	0	81.7	80	120			
Ethylbenzene	0.81	0.050	1.000	0	81.4	80	120			
Xylenes, Total	2.4	0.10	3.000	0	80.5	80	120			
Surr. 4-Bromofluorobenzene	0.83		1.000		83.4	70	130			

Sample ID: mb-68819	SampT	ype: ME	ILK	Tes	tCode: EF	les				
Client ID: PB\$	Batch	1D: 688	819	F	RunNo: 85	9553				
Prep Date: 7/15/2022	Analysis D)ate: 7/	18/2022		SeqNa: 31	188864	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	0.82		1.000		82.1	70	130			

Sample ID: mb-68814	Samp	Гуре: МЕ	BLK	Tes	tCode: EF	A Method	8021B: Volati	les		
Client ID: PBS	Bato	Batch ID: 68814			RunNo: 85	9576				
Prep Date: 7/15/2022	Analysis I	Date: 71	18/2022		SeqNa: 31	189074	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	1.1		1.000		107	70	130			

Sample ID: LCS-68814	Samp1	ype: LC	S	Tes	tCode: EF	108						
Client ID: LCSS	Batc	h ID: 688	314	F	RunNo: 8	9576						
Prep Date: 7/15/2022	Analysis [)ate: 7/	18/2022	SeqNo: 3189075 Units:				mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLImit	Qual		
Benzene	0.94	0.025	1.000	0	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 Contaminar Sample Dibried Due to Matrix Holding times for preparation or analy Not Detected at the Reporting Limit Practical Quantitative 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

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#:

2207651

25-Jul-22



Hall Euricommunal Analysis Laboromay 4901 Hawkine ME Allinquerque, NIA 87109 FEL: 505-545-3975 FAX, 595-345-4107 Website: vin a hallomiromomial.com

Sample Log-In Check List

Client Name:			212 -					
	EOG		Work	Order Nun	nber: 2207651		RoptNo: 1	
Received By:	Juan Roji	85	7/14/20	22 7:00:00	AM	i pover <u>s</u> S.L.l.		
Completed By:	Sean Livi	ingston	7/14/20	22 11:20:3	0 AM	< /	/-	
Reviewed By:	WY	7.14	22			_),(-1)	Series -	
Chain of Cus	tody							
 Is Chain of C. 	ustody comp	dece?			Yes 🔽	No 📙	Not Present	
2. How was the	sample delic	vared?			Courier			
Log In 3. Was an attern	pt made to	cool the samp	les?		Yes ▼	No 🗆	NA 🗌	
4. Were all samp	des receivad	st s tempera	ture of >0° C	to 6.0°C	Yes 🗹	No 🗌	NA 🗆	
5. Sample(s) in p	aroper conta	iner(s)?			Yes 🗹	No 🗌		
6. Sufficient eam	ale volume f	for indicated to	est(s)?		Yes 🗹	No 🗌		
7. Arc samples (e	except VOA	and ONG) pro	party preserv	ed?	Yes 🗹	No 🗌		
8. Was preservat	we added to	bottles?			Yos 🗌	No 🗹	NA 🗌	
9. Received at la	ast 1 val wil	h headspace	<1/4" for AO \	OA?	Yes 🗌	No 🗆	NA 🗹	
10. Were any san	iple contains	ers received b	raken?		Yes 🗆	No 🗷	≠ of preserved	
11.Does paperwo (Note discreps			,		Yes 🗹	No □	bottles checked for pH; (<2 or >12 up	less noted)
2. Are matrices o	onectly iden	rified on Chair	of Custody?		Yes 🔽	No 🗆	Adjusted?	
3, is it clear what			?		Yes 🗹	No 🗆	/	1. do
4. Were all holdin (If no, notify cu					Yes 🗹	No 🗔	Checked by: -JN 7	11417
ipecial Handli	ng (if app	olicable)						
15. Was client not	ified of all di	iscrepancies v	vith this order	?	Yes 🗌	No 🖂	NA 🗹	
Person 1	Notified.	·		Date				
By Who				Va:	eMail	Phone 🗍 Fax	☐ In Person	
Regardin Client In	ng: structions:	1	-					
16. Additional rem								
_								
	Temp °C	Condition	Seal Intact	Seal No	Soul Date	Cinned the		
 Cooler Information Cooler No. 	Land in Co.	Good	Sear Intact	2691 MO	Seal Date	Signed By		

-		5	Chami-or-custody Necold	CHILDRICA IIIIE. S-Deg	7-0	600		477		BARRY.	THE PRINCE	
Client	504/	EDW/WILLX		Standard	'A' Rush			2 2	A L	N V	AALL ENVIKONMENTAL ANALYSIS LABORATORY	AL
				Project Name:) 34				nelled.		WAN hellendingsmental con	2
Mailing Address:	Address	30	576	210	Plost Bottery	erg	48011	lawkins N	E - All	Johnone	4901 Hawkins NE - Albuchemus NM 87109	
#		1		Project #:	# EEE.00123-014	24	Tel. 5	Tel. 505-345-3975	375	Fax 5	Fax 505-345-4107	1
email or Faxit	Faxit	,		Drotord Manager	100				2	919.	Analysis request	100
QA/OC Package:	ackage dard		□ Level 4 (Full Validation)	Man.	Monica PEPPIN	U.	ьсв. о \ мво (8021)		PO ₄ . SO		in a sdA\t	
Accreditation:	lation.	DAZC	□ Az Compliance	Sampler: C)	-		DK	(1	-60		uas	
D NELAC	, o	□ Other		On loe:	D_Yes	ON O	/ a	10				
□ EDD (Type)	(Type)	- 31		# of Coplers:	-		ยอ.	g p:	slel eOl	2000		
				Cooler Temparada, ch.		100/1-521.040	тм (лави	putel		(VO/	270	
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.		A) 803 J sHA9	ARORA GLA	sseo (<i>r</i>	S) 07S8 O leto1	
21/12	9:30	9:30 5017		200	722	1000	-		1			
-	4:35	-	3HZZ-10 Z	-		100			-			
	9:40		BHEZ-10 4'	-		3			-			
	50:02					P000			-			
	9.55		BHEZ-11 4'			8			-	t		+
	2:00		8HIEN 13,			8			-			
	00:1		BH32-1E 0'			8						
	1.10	_	BH22-12 4			3						
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Date	Time	Relinquished by:	ed by:	Received by:	Vis. 4.5.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.	1 Date Time	Remarks:	CC: Chank Dixon	- Free	Syka	2	
- CA	Firme.	Relinquished by	equished by	Received by:	Via: Via:	72	-	Direct Bill 506	Bill	500		

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 Oli 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					Analyst	CAS
Chloride	5700	300	mg/Kg	100	7/22/2022 8:58:46 AM	68957
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst	: 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					Analyst	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					Analyst	BRM
Benzene	ND	0.024	mg/Kg	1	7/20/2022 9:46:00 PM	68881
Toluene	ND	0.048	mg/Kg	1	7/20/2022 9:46:00 PM	68881
Ethylbenzene	ND	0.048	mg/Kg	1	7/20/2022 9:46:00 PM	68881
Xylenes, Total	ND	0.097	mg/Kg	1	7/20/2022 9:46:00 PM	68881
Surr. 4-Bromofluorobenzene	87.9	70-130	%Rec	1	7/20/2022 9:46:00 PM	68881

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.

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
- - Page 3 of 0

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						Analyst	CAS
Chloride	9500	600		mg/Kg	200	7/22/2022 9:23:28 AM	68957
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: 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						Analyst	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						Analyst	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.

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: BH22-17 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	SANICS					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.

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: BH22-17 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	100	7/22/2022 9:48:09 AM	68957
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	91	15	mg/Kg	1	7/21/2022 2:35:13 PM	68897
Motor Oll 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.

- 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 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	0 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 que
 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 OR	GANICS					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	7/22/2022 10:58:17 AM	68957
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	: ED
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/21/2022 4:26:25 AM	68897
Motor Oll Range Organics (MRO)	ND	48	mg/Kg	1	7/21/2022 4:26:25 AM	68897
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.

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: BH22-19 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

Analyses	Result	RL	Qual Units	DF	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	SANICS				Analyst	: ED
Diesel Range Organics (DRO)	ND	13	mg/Kg	1	7/21/2022 4:09:38 PM	68897
Motor Oli 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 OR	GANICS				Analyst	: ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/21/2022 4:53:12 AM	68897
Motor Oll 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 que
 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					Analys	CAS
Chloride	2200	150	mg/Kg	50	7/22/2022 11:22:58 AM	68968
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	: ED
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/21/2022 5:06:39 AM	68897
Motor Oil 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					Analys	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					Analys	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	SANICS					Analyst	: SB
Diesel Range Organics (DRO)	640	140		mg/Kg	10	7/20/2022 9:10:05 PM	68897
Motor Oli Range Organics (MRO)	1000	460		mg/Kg	10	7/20/2022 9:10:05 PM	68897
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 ORG	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 OR	GANICS				Analys	: ED
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/21/2022 5:33:23 AM	68897
Motor Oil 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

Michael Moffitt Vertex Resources Services, Inc. 3101 Boyd Drive Carlsbad, NM 88220

TEL: (505) 506-0040

FAX:

RE: Platt PA Tank Battery OrderNo.: 2210001

Dear Michael Moffitt:

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

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

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

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

Sincerely,

Andy 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	ANICS					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 ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	2700	720		mg/Kg	50	10/6/2022 6:10:48 PM
Motor Oll 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 Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: DGH
Diesel Range Organics (DRO)	510	72	mg/Kg	5	10/7/2022 1:45:35 PM
Motor Oll 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 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: WES22-04 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 Qua	l Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: DGH
Diesel Range Organics (DRO)	590	75	mg/Kg	5	10/7/2022 2:17:14 PM
Motor Oil 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 Contentinent Levet.
 D Sample Oblised Due to Matrix
 II Holding times the preparation or analysis exceeded
 ND Not Detected at the Reporting Linit
 PQL Practice() Quantitative Limit
 S % Recovery cetaids of range due to dilution or mail

- 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

Result	RL	Qual	Units	DF	Date Analyzed
RGANICS					Analyst: DGH
1300	140		mg/Kg	10	10/7/2022 4:10:32 PM
2700	480		mg/Kg	10	10/7/2022 4:10:32 PM
0	21-129	S	%Rec	10	10/7/2022 4:10:32 PM
					Analyst: RAA
ND	24		mg/Kg	5	10/4/2022 5:44:21 PM
91.3	37.7-212		%Rec	5	10/4/2022 5:44:21 PM
					Analyst: RAA
ND	0.12		mg/Kg	5	10/4/2022 5:44:21 PM
ND	0.24		mg/Kg	5	10/4/2022 5:44:21 PM
ND	0.24		mg/Kg	5	10/4/2022 5:44:21 PM
ND	0.49		mg/Kg	5	10/4/2022 5:44:21 PM
96.4	70-130		%Rec	5	10/4/2022 5:44:21 PM
					Analyst: JTT
1500	60		mg/Kg	20	10/6/2022 1:27:39 PM
	ND 91.3 ND ND ND ND ND 96.4	ND 140 24 91.3 37.7-212 ND 0.24 ND 0.24 ND 0.24 ND 0.49 96.4 70-130	NGANICS 1300 140 2700 480 0 21-129 S ND 24 91.3 37.7-212 ND 0.12 ND 0.24 ND 0.24 ND 0.49 96.4 70-130	RGANICS 1300 140 mg/Kg 2700 480 mg/Kg 0 21-129 S %Rec ND 24 mg/Kg 91.3 37.7-212 %Rec ND 0.12 mg/Kg ND 0.24 mg/Kg ND 0.24 mg/Kg ND 0.24 mg/Kg ND 0.24 mg/Kg ND 0.49 mg/Kg 96.4 70-130 %Rec	RGANICS 1300 140 mg/Kg 10 2700 480 mg/Kg 10 0 21-129 \$ %Rec 10 ND 24 mg/Kg 5 91.3 37.7-212 %Rec 5 ND 0.12 mg/Kg 5 ND 0.24 mg/Kg 5 ND 0.24 mg/Kg 5 ND 0.24 mg/Kg 5 ND 0.24 mg/Kg 5 ND 0.24 mg/Kg 5 ND 0.49 mg/Kg 5 96.4 70-130 %Rec 5

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 Oll 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 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: 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

ı	Qual	Units	DF	Date Analyzed		
				Analyst: DGH		
400		mg/Kg	100	10/6/2022 7:14:57 PM		
800		mg/Kg	100	10/6/2022 7:14:57 PM		
129	S	%Rec	100	10/6/2022 7:14:57 PM		
				Analyst: RAA		
24		mg/Kg	5	10/4/2022 7:42:00 PM		
212		%Rec	5	10/4/2022 7:42:00 PM		
				Analyst: RAA		
0.12		mg/Kg	5	10/4/2022 7:42:00 PM		
0.24		mg/Kg	5	10/4/2022 7:42:00 PM		
0.24		mg/Kg	5	10/4/2022 7:42:00 PM		
0.48		mg/Kg	5	10/4/2022 7:42:00 PM		
130		%Rec	5	10/4/2022 7:42:00 PM		
				Analyst: JTT		
150		mg/Kg	50	10/7/2022 8:34:50 PM		
	24 212 0.12 0.24 0.24 0.48 130	400 800 129 \$ 24 212 0.12 0.24 0.24 0.48 1.130	800 mg/kg 129 S %Rec 24 mg/kg 212 %Rec 0.12 mg/kg 0.24 mg/kg 0.24 mg/kg 0.48 mg/kg	800 mg/kg 100 129 S %Rec 100 24 mg/kg 5 212 %Rec 5 0.12 mg/kg 5 0.24 mg/kg 5 0.24 mg/kg 5 0.24 mg/kg 5 0.24 mg/kg 5 0.48 mg/kg 5 0.48 mg/kg 5		

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: 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 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: 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	GANICS				Analyst: DGH			
Diesel Range Organics (DRO)	620	68	mg/Kg	5	10/7/2022 5:22:37 PM			
Motor Oll 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 ecceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times the preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQI. Practiced Quantitative Limit
 S % Recovery cutside 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	GANICS					Analyst: DGH		
Diesel Range Organics (DRO)	1100	150		mg/Kg	10	10/7/2022 6:05:40 PM		
Motor Oil 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 exceeds Maximum Contentinent Levet.
 D Sample Oblised Due to Matrix
 II Holding times the preparation or analysis exceeded
 ND Not Detected at the Reporting Linit
 PQL Practice() Quantitative Limit
 S % Recovery cetaids of range due to dilution or mail

- 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 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	SANICS					Analyst: DGH
Diesel Range Organics (DRO)	31000	1400		mg/Kg	100	10/6/2022 8:18:52 PM
Motor Oll 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

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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 Lab ID: 2210001-013 Matrix: SOIL Received Date: 10/1/2022 9:00:00 AM

Analyses	Result	RL C	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst: DGH
Diesel Range Organics (DRO)	360	150		mg/Kg	10	10/7/2022 6:38:05 PM
Motor Oll 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 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: 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

Result	RL (Qual	Units	DF	Date Analyzed
GANICS					Analyst: DGH
20000	1400		mg/Kg	100	10/6/2022 9:01:20 PM
20000	4800		mg/Kg	100	10/6/2022 9:01:20 PM
0	21-129	S	%Rec	100	10/6/2022 9:01:20 PM
					Analyst: RAA
ND	25		mg/Kg	5	10/6/2022 1:23:22 PM
92.2	37.7-212		%Rec	5	10/6/2022 1:23:22 PM
					Analyst: RAA
ND	0.12		mg/Kg	5	10/6/2022 1:23:22 PM
ND	0.25		mg/Kg	5	10/6/2022 1:23:22 PM
ND	0.25		mg/Kg	5	10/6/2022 1:23:22 PM
ND	0.49		mg/Kg	5	10/6/2022 1:23:22 PM
96.7	70-130		%Rec	5	10/6/2022 1:23:22 PM
					Analyst: JTT
1100	60		mg/Kg	20	10/6/2022 3:31:46 PM
	20000 20000 0 ND 92.2 ND ND ND ND ND ND ND	ANICS 20000 1400 20000 4800 0 21-129 ND 25 92.2 37.7-212 ND 0.12 ND 0.25 ND 0.25 ND 0.25 ND 0.49 96.7 70-130	GANICS 20000 1400 20000 4800 0 21-129 S ND 25 92.2 37.7-212 ND 0.12 ND 0.25 ND 0.25 ND 0.25 ND 0.25 ND 0.49 96.7 70-130	GANICS 20000 1400 mg/kg 20000 4800 mg/kg 0 21-129 \$ %Rec ND 25 mg/kg 92.2 37.7-212 %Rec ND 0.12 mg/kg ND 0.25 mg/kg ND 0.25 mg/kg ND 0.25 mg/kg ND 0.49 mg/kg 96.7 70-130 %Rec	ANICS 20000 1400 mg/Kg 100 20000 4800 mg/Kg 100 0 21-129 S %Rec 100 ND 25 mg/Kg 5 92.2 37.7-212 %Rec 5 ND 0.12 mg/Kg 5 ND 0.25 mg/Kg 5 ND 0.25 mg/Kg 5 ND 0.25 mg/Kg 5 ND 0.25 mg/Kg 5 ND 0.49 mg/Kg 5 96.7 70-130 %Rec 5

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

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 1.5 15.00 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

Page 15 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

Sample ID: MB-70634	SampT	уре: мв	ILK	Tes	tCode: EP	A Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	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		n ID: 706			RunNo: 91					
Prep Date: 10/5/2022	Analysis D)ate: 10	VG/2022	5	SeqNo: 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		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 pH 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	Samp1	ype: LC	\$	Tes	tCode: Ep	A Method	8015D: Gasol	ine Range		
Client ID: LCSS	Batcl	h 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		1000		191	37.7	212			

Sample ID: mb-70559	SampT	уре: МВ	LK	Tes	tCode: EP	A Method	8015D: Gasol	ine Range		
Client ID: PB\$	Batch	ID: 705	559	F	RunNo: 91	536				
Prep Date: 10/3/2022	Analysis D	ate: 10	14/2022	5	SeqNo: 32	79029	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	930		1000		92.9	37.7	212			

- Value exceeds Maximum Contaminant L. Sample Dibried Due to Matrix Holding times for preparation or analysis Not Detected at the Reporting Limit Practical Quanitative Limit % Recovery outside of range due to dilot

- 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. Platt PA Tank Battery Project:

Troject. Flatt?	t Talk Date	-,								
Sample ID: Ics-70559	SampT	ype: LC:	S	Tes	tCode: Ep	A Method	8021B: Volati	108		
Client ID: LCSS	Batch	ID: 705	559	F	RunNo: 91	1536				
Prep Date: 10/3/2022	Analysis D	ate: 10	14/2022		SeqNa: 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		1.000		101	70	130			

Sample ID: mb-70559	SampT	Гуре: МВ	LK	Tes	tCode: EF	PA Method	8021B: Volati	108		
Client ID: PB\$	Batch	h ID: 705	559	F	RunNo: 91	1536				
Prep Date: 10/3/2022	Analysis D)ate: 10	14/2022	5	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 L. Sample Dibried Due to Matrix Holding times for preparation or analysis Not Detected at the Reporting Limit Practical Quantitative Limit % Recovery outside of range due to dilat

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

Page 18 of 18



Hall Earn onnernal Analysis Laboratory 4501 Harvitas NE Allosporgue, NM 87109 TEU: 505-345-3975 FAX: 505-345-4107 Website: www.hallondronmontal.com

Sample Log-In Check List

Client Name:	Vartex Res Services, Ir		Work	Order Num	ber: 2210001		ReptNo: 1
Received By:	Scan Livin	ngaton	10/1/20	22 9 00:00	AM	Sul	nat-
Completed By:	Sean Livin	ngaton	10/1/200	22 9.39:07	AM	5-6	
Reviewed By:	Sec 101	1/22					· /
Chain of Cust	ody						
 Is Chain of Cu 	etody compl	lete?			Yes 🗹	No 🗆	Not Present
How was the s	ample de iv	ered?			Courier		
Log In 3. Was an attem	ol made to d	ool the sample	08?		Yes 🗸	No □	NA □
4. Were all samp	les received	at a temperat	ure of >0° C t	5 5.0°C	Yes 🗹	No 🗌	NA 🗀
5. Sample(s) in p	roper contai	ner(s)?			Yos 🗹	No 🗆	
6, Sufficient same	ola yolume fo	or indicated te	st(s)?		Yes 🗹	No 🗌	
7. Are samples (d	ACV tracos	and ONG) pro	perly preserve	d?	Yos 🗸	No 🗆	
8. Was preservat	ive added to	bottes?			Yes 🗌	No 🗹	NA □
9. Received at loa	st 1 visi will	n haadspace •	:1/4" for AQ V	OA?	Yes 🗀	No □	NA M
(), Were any sam	ple containe	ers received br	oken?		Yes \square	No 🗹	# of preserved buttles checked
1. Does paperwor (Note discrepa					Yes 🔽	No 🗆	tor pH: (<2 or >12 unless noted)
2. Are matrices of	creatly iden	lified on Chain	of Custody?		Yes 🗹	No 🗌	/vdjdsted?
is it clear what					Yes 🔽	No L	/
 Were all holdin (If no, notify cu 					Yas 🗹	No 🗆	Chacked by: SCC (0) (127
pecial Handli	ng (if app	licable)					
15. Was client not	fied of all d	screpancies w	ith this order?		Yes 🗌	No 🗆	NA ☑
Person 1	Notified:	-	-	Date		NAME OF TAXABLE PARTY.	
By Whor	m:)			Via:	eMail	Phone Ex	In Person
Regardin	ng:						
Client In	structions:					Market Co. Co. Co. Co. Co. Co. Co. Co. Co. Co.	
16 Additional ren	narks:						
7. Coolar Inform	nation						
Cooler No	Temp *C	Consition	Spal Intect	Sesl No	Seal Date	Signed By	
1	3.3	Good					
H. 10. 10. 11. 1							

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	Vertex (ECG)	(606)	12 Standard	I I Rush	S 024		AR	IAIYS	TSI	ANALYSTS I ABORATORY
			Project Name:	0.1			7001	mos letromacabacalled water	tromon	- Common le
Mailing Address:	ess: Oh	Life	PIRAT	Plat PA Tank Battery	Battery	4901	Hawkins	NE - Alb	nonecone	4901 Hawkins NE - Albuquerous, NM 87109
		9	Project #;		5	Ę.	Tel. 505-345-3975	3975	Fax 505-345-4107	345-4107
Phone #:			22E-	22E - 00123-14	V -			Ĕ	Analysis Request	lest
email or Fax#:	#		Project Manager	nger.		.3350		†o		(Ju
OA/OC Package: ☐ Standard	:eô	☐ Level 4 (Full Validation)		Michael Mobilit	ŧ			PO ₄ , S		iesdA\Ju
Accreditation: DI NELAC		☐ Az Complianos ☐ Olber	Sampler: On ite:	SPC SYES	SN II	Ha i o	(1.40			JeseJc
□ EDD (Type)			# of Coolers:	-	Speculiarie	.ek	g p	sjej) w
			Coaler Tempjind (ng 05)	1911 7	3-4-61-79333 (°C))dsi08:) IM /⊀;	oitse'd f oriteM) 8 68 yd si	9M 8 M6 5, Βή Ν	(AOV) 0 -ime8) 0	il Colltor
Date Time	Matrix	Sample Name	Type and #	Type	TICAL INC.		3 0 3	КСР	978	stoT
9/29 11:30 Spil	1080	BES22-0 5'	4 m jour	30.	011	> >		>		
11:45	5	8ES12-02 5'	3-	_	210	-				
12:00	00	3			013	_				
12:05	25	BES12- 04 5'	-		70	-	8 7			
				514						
	2.									
	- 0,3									
9/79 16:34	Relinquiston by	States by Chatter	Received by:	VIBC	Date Time	Remarks:				
Debeij Time.	Relinquis	Reinquis (45 py.	<u>}</u> ≚	₹	£	_				
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October 09, 2023

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

RE: PLATT PA BATTERY

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

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

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

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

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 & Intact

Sample Received By: 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						
Surrogate: 1-Chlorooctadecane	89.1	% 49.1-14	8						

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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

EOG

Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

10/05/2023

Sampling Date:

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

Project Location:

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	% 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	% 48.2-13	4						
Surrogate: 1-Chloroctadecane	93.6	% 49.1-14							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Page 3 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 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 Cool & Intact Sampling Condition: Sample Received By:

Shalyn Rodriguez

Sample ID: BES 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	Qualifie
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	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	76.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.7	% 49.1-14							

Cardinal Laboratories *=Accredited Analyte

REASE NOTE: Liability and Demages. Cardinals liability and client's exclusive remarky for any clien arising, whether based in contract or tot, shall be limited to the amount paid by client for analyses. All dains, including those for reagligence and any other course eventurement shall be deemed watered unless made in witting and resched by Cardinal within thinty (XI) days after completed of the applicable service. In no sent shall Cardinal be liable for incidence or consequented demages, including, without initiation, business interruptions, base of use, or loss of prifits incurred by client, its admissional particular or accesses a simple or or related to the performance of the services beworker by Cardinal, regardless of whether such client is based on any of the income stated measures or otherwise. Namelan related above. This report and in our reportation except in full written approved of Cardinal Educatories.

والمساورة والمنافضة والمتأثرة ويوماكان أثاث

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 8



Analytical Results For:

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

10/06/2023 Received: 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: Sample Received By:

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	% 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	% 48.2-13	4						
Surrogate: I-Chloroctadecane	105 9	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:
 10/06/2023

 Reported:
 10/09/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

EOG

Sampling Type: Sampling Condition: Sample Received By:

Sampling Date:

10/05/2023 Soil

Cool & Intact Shalyn Rodriguez

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

Project Location:

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	96.1	% 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 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

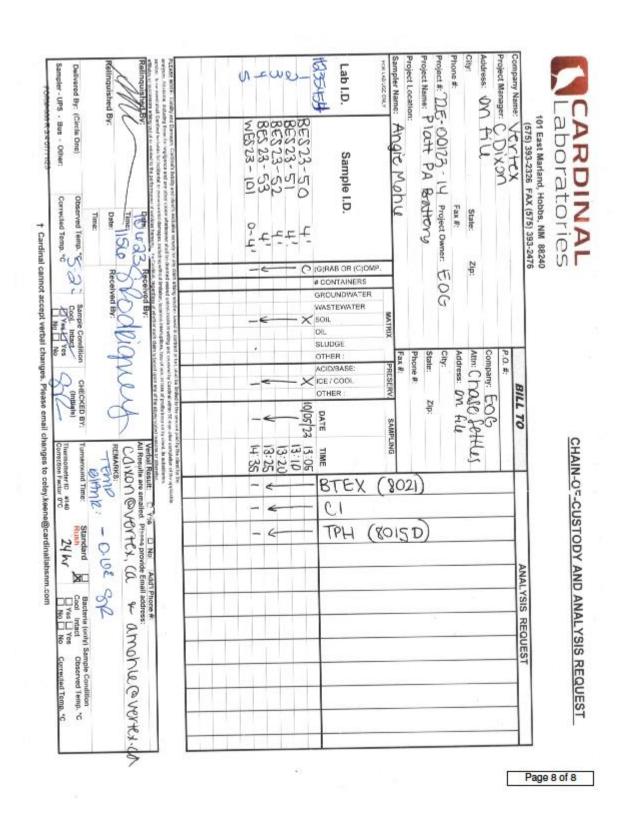
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October 19, 2023

TULSA, OK 74103

CHANCE DIXON

VERTEX RESOURCE GROUP

420 SOUTH MAIN, SUITE 202

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.tceo.texas.gov/fieid/ga/lab.accredited accredited 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 (Colliert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

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.

Sincerely

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 Project Number: 22E-00123-14 420 SOUTH MAIN, SUITE 202 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
			Cardina	d 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	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*	<0.150		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
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	16.0		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	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-Bromoftworobenzene (PID)			107 %	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*	<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)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
Cardinal Laboratories											
Inorganic Compounds											
Chloride	160		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	ЛH	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)			103 %	71.5	134	3101215	ж	12-0ct-23	8021B		
Petroleum Hydrocarbons by GC	FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B		
DRO >C10-C28*	229		10.0	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	12-0ct-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
			Cardin:	al Laborat	tories					
Inorganic Compounds										
Chloride	48.0		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	л	12-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3101215	ж	12-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3101215	Ж	12-Oct-23	8021B	
Surrogate: 4-Bromoftworoberzene (PID)			98.5 %	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*	<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	
Cardinal Laboratories											
Inorganic Compounds											
Chloride	64.0		16.0	mg/kg	4	3101318	AC	13-Oct-23	4500-CI-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	л	12-Oct-23	8021B		
Ethylbenzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B		
Total Xylenes*	<0.150		0.150	mg/kg	50	3101215	лн	12-Oct-23	8021B		
Total BTEX	<0.300		0.300	mg/kg	50	3101215	лн	12-Oct-23	8021B		
Surrogate: 4-Bromoftworobenzene (PID)			103 %	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*	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-Oct-23	8015B		
Surrogate: 1-Chlorooctadecane			88.6 %	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

Reported: 19-Oct-23 08:49

Project Manager: CHANCE DIXON

Fax To: NA

WES 23 - 132 0-4' H235578-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
Cardinal Laboratories											
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		
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	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			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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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 - 134 0-4' H235578-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
Cardinal Laboratories											
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	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	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-Bromoftworoberzene (PID)			98.3 %	71.5	-134	3101215	ж	12-0et-23	8021B		
Petroleum Hydrocarbons by GC I	TID OIL										
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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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 o

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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
			Cardina	d Laborat	ories					
Inorganic Compounds										
Chloride	1060		16.0	mg/kg	4	3101318	AC	13-Oct-23	4500-C1-B	
Volatile Organic Compounds	by EPA Method	8021								S-04
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	ЛH	12-Oct-23	8021B	
Total Xylenes*	0.353		0.150	mg/kg	50	3101215	лн	12-Oct-23	8021B	GC-NC1
Total BTEX	0.353		0.300	mg/kg	50	3101215	лн	12-Oct-23	8021B	GC-NC1
Surrogate: 4-Bromoftworobenzene (Pl.	D)		150 %	71.5	-134	3101215	лн	12-0es-23	8021B	
Petroleum Hydrocarbons by	GCFID									
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
Project Manager: CHANCE DIXON

Reported: 19-Oct-23 08:49

Fax To: NA

BES 23 - 56 4' H235578-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	1600		16.0	mg/kg	4	3101317	AC	13-Oct-23	4500-C1-B	QM-07
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	Ж	12-Oct-23	8021B	
Tolnene*	<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	л	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-Bromoftworobenzene (PID)			132 %	71.5	-134	3101215	ж	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	al Laborat	ories					
Inorganic Compounds										
Chloride	2000		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	12-Oct-23	8021B	
Tolnene*	<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	л	12-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3101215	ж	12-Oct-23	8021B	
Surrogate: 4-Bromoftworobenzene (PID)			101 %	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*	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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The subject of the services because or otherwise, heads in the superior destruction. This report date and the temporaries of carbonic allocation destructions.

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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
			Cardin	al 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	л	12-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3101215	лн	12-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3101215	лн	12-Oct-23	8021B	
Surrogate: 4-Bromoftworobenzene (PIL))		99.4 %	71.5	-134	3101215	л	12-Oct-23	8021B	
Petroleum Hydrocarbons by (GCFID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
DRO -C10-C28*	35.7		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
Surrogate: 1-Chlorooctane	•		74.3 %	48.2	-134	3101213	MS	12-Oct-23	8015B	
Surrogate: 1-Chlorooctadecane			86.4%	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 - 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 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	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-Bromofluorobenzene (PID)			101 %	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*	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
			Cardin	al Laborat	tories					
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	л	12-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3101215	л	12-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3101215	ж	12-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3101215	л	12-Oct-23	8021B	
Surrogate: 4-Bromoftworoberzene (PID))		102 %	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*	<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	

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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
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		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	ЛH	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-Bromoftworobenzene (P1D)			103 %	71.5	-134	3101215	лн	12-0es-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			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.

The subject of the services because or otherwise, heads in the superior destruction. This report date and the temporaries of carbonic allocation destructions.

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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
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	608		16.0	mg/kg	4	3101317	AC	13-Oct-23	4500-CI-B	
Volatile Organic Compounds by 1	EPA Method	8021								
Benzene*	<0.050		0.050	mg/kg	50	3101215	ЛН	13-Oct-23	8021B	
Tolnene*	<0.050		0.050	mg/kg	50	3101215	лн	13-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3101215	лн	13-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3101215	лн	13-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3101215	лн	13-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5	-134	3101215	л	13-0ct-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
DRO >C10-C28*	42.4		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
EXT DRO =C28-C36	21.7		10.0	mg/kg	1	3101213	MS	12-Oct-23	8015B	
Surrogate: 1-Chlorooctane			72.2 %	48.2	-134	3101213	MS	12-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
			Cardin	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

Page 18 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 TULSA OK, 74103 Project: PLATT PA BATTERY
Project Number: 22E-00123-14
Project Manager: CHANCE DIXON
Fax To: NA

Reported: 19-Oct-23 08:49

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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The subject of the services because or otherwise, heads in the superior destruction. This report date and the temporaries of carbonic allocation destructions.

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Celey D. Keene, Lab Director/Quality Manager

Page 19 of 24



Analytical Results For:

VERTEX RESOURCE GROUP 420 SOUTH MAIN, SUITE 202 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
	Mesent	Lantit	Unid	LETEI	Nesuni	PRINCE	Lamos	KFD	Limit	Protes
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 &	Analyzod:	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-Bromoftworoberzene (PID)	0.0495		mg/kg	0.0500		99.1	71.5-134			

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The subject of the services because or otherwise, heads in the superior destruction. This report date and the temporaries of carbonic allocation destructions.

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

Petroleum Hydrocarbons by GC FID - Quality Control

Fax To: NA

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-Chlorooctane	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: I	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-Chlorooctane	44.3		mg/kg	50.0		88.6	48.2-134			
Surrogate: 1-Chlorooctadecane	45.8		mg/kg	50.0		91.6	49.1-148			
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			

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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

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October 20, 2023

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

RE: PLATT PA BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/19/23 14:45.

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

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

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

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 Project Location:

Sampling Date: 10/12/2023 Sampling Type: Soil Sampling Condition:

Sample Received By:

Cool & Intact

Tamara Oldaker

nle ID: BES 23 - 64 4' (H235721-01)

Sample ID: BES 23 - 64 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 98.4	% 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	512	16.0	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 06-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	262	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	196	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	92.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 9	6 49.1-14	8						

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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 10/20/2023 Reported: Project Name: Project Number:

PLATT PA BATTERY 22E-00123-14 EOG

Sampling Date: 10/12/2023 Sampling Type: Soil

Cool & Intact Sampling Condition: Sample Received By: Tamara Oldaker

nie TD+ RES 23 - 65 4' (H235721-02)

Project Location:

	1235721-								
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	
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 (PIL	97.8	% 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	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	Qualifie
GRO 05-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	75.2	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	34.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chloroctadecane	109	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Page 3 of 20



Analytical Results For:

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

Received: 10/19/2023 10/20/2023 Reported: PLATT PA BATTERY Project Name: Project Number: 22E-00123-14

EOG

Sampling Type: Sampling Condition: Sample Received By:

Sampling Date:

10/12/2023 Soil

Cool & Intact Tamara Oldaker

Project Location:

Sample ID: BES 23 - 67 4' (I	H235721-	03)							
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*	0.085	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 (PII.	106	% 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						

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 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

ple ID: BES 23 - 68 4' (H235721-04)

Sample 1D: BES 23 - 68 4 BTEX 80218		mg/kg		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*	0.095	0.050	10/20/2023	ND	2.12	106	2.00	6.37	
Total Xylenes*	0.219	0.150	10/20/2023	ND	6.39	106	6.00	5.92	GC-NC1
Total BTEX	0.313	0.300	10/20/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PIL 107 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	10/20/2023	ND	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*	13.8	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	5790	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	1210	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	79.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 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 10/20/2023 Reported: PLATT PA BATTERY Project Name: Project Number: 22E-00123-14

EOG

Sampling Date: 10/12/2023 Sampling Type: Soil Sampling Condition:

Cool & Intact Sample Received By: Tamara Oldaker

nie TD+ RES 23 - 70 4' (H235721-05)

Project Location:

Sample ID: BES 23 - 70 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.	II. 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 06-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-Chloroctadecane	81.6	% 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 Project Location: EOG

Sampling Date: 10/12/2023 Sampling Type: Soil

Cool & Intact Sampling Condition: Sample Received By: Tamara Oldaker

nie ID: RES 23 - 71 4' (H235721-06)

Sample ID: BES 23 - 71 4' (H BTEX 8021B	1235721- mg/		Anabose	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	95.9	% 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	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	Qualifie
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	4						
Surrogate: I-Chlomoctadecane	104	6 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 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 - 72 4' (H235721-07)

BTEX 8021B	mg/kg		Analyze	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	95.2	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	8100	16.0	10/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 05-C10*	<10.0	10.0	10/19/2023	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	6 48.2-13	4						
Surrogate: I-Chloroctadecane	103 9	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

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

 Received:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

PLATT PA BATTERY 22E-00123-14 EOG 10/12/2023 Soil

Cool & Intact Tamara Oldaker

Sample ID: BES 23 - 73 4' (H235721-08)

Project Location:

Sample ID: BES 23 - 73 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 (F	VII. 95.0	% 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	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 05-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	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	99.4	% 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 Date: 10/12/2023 Sampling Type: Soil Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

nie ID: RFS 23 - 74 4' (H235721-09)

Sample ID: BES 23 - 74 4 BTEX 8021B		1235721-09) mg/kg		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 (PIL 95.1	% 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	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-Chloroctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 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

Sampling Date:

Sampling Type:

 Received:
 10/19/2023

 Reported:
 10/20/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 225-00123-14

Project Name: PLATT PA BATTE:
Project Number: 22E-00123-14
Project Location: EOG

A BATTERY Sampling Condition: 23-14 Sample Received By: 10/12/2023

Soil

Cool & Intact Tamara Oldaker

Sample ID: BES 23 - 75 4' (H235721-10)

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* < 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 93.3 % 71.5-134 Chloride, SM4500CI-B Analyzed By: AC Qualifier Reporting Limit True Value QC RPD BS 3520 10/20/2023 3.77 16.0 ND 416 104 400 TPH 8015M Analyzed By: MS mg/kg Reporting Limit Method Blank BS True Value OC RPD GRO 05-C10* 196 <10.0 10.0 10/20/2023 ND 98.1 200 4.26 DRO >C10-C28* 21.3 10.0 10/20/2023 ND 210 105 200 3.48

ND

Surrogate: 1-Chlorooctane 84.6 % 48.2-134
Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

<10.0

10.0

EXT DRO >C28-C36

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10/20/2023

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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 Type: Soil Sampling Condition: Sample Received By:

Sampling Date:

Cool & Intact Tamara Oldaker

10/12/2023

Project Location: EOG

Sample ID: BES 23 - 76 4' (H235721-	11)							
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	
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 (PI.	D 104	% 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	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-Chlorooctadecane	98.2	% 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: 10/13/2023 Sampling Type: Soil Cool & Intact Sampling Condition:

Sample Received By: Tamara Oldaker

Sample ID: BES 23 - 78 4' (I	H235721-	12)							
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 (PII.	103	% 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	4880	16.0	10/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 05-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	93.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	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: 10/13/2023 Sampling Type: Soil Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

-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.	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	7800	16.0	10/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 06-C10*	<10.0	10.0	10/20/2023	ND	196	98.1	200	4.26	
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	14						
Surrogate: 1-Chloroctadecane	102 9	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 Date: 10/13/2023 Sampling Type: Soil Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

ple ID: BES 23 - 80 4' (H235721-14)

Sample 1D: BES 23 - 80 4* BTEX 8021B	(H235/21- mg/		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 (F	PIE 103 9	6 71.5-13	14						
Chloride, SM4500CI-B	mg/	mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	10/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 06-C10*	<10.0	10.0	10/20/2023	ND	196	98.1	200	4.26	
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 9	% 48.2-13	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 PA BATTERY Project Name:

Project Number: 22E-00123-14 Project Location:

EOG

Sampling Date: 10/13/2023 Soil

Sampling Type: Cool & Intact Sampling Condition: Sample Received By: Tamara Oldaker

nle ID: RFS 23 - 66 5' (H235721-15)

Sample ID: BES 23 - 66 5 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 (PID 1129	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	208	16.0	10/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 05-C10*	<10.0	10.0	10/19/2023	ND	182	90.9	200	1.33	
DRO >C10-C28*	256	10.0	10/19/2023	ND	195	97.7	200	0.530	
EXT DRO >C28-C36	39.7	10.0	10/19/2023	ND					
Surrogate: 1-Chloroctane	91.9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.7	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

Sampling Type: Sampling Condition: Sample Received By:

Sampling Date:

Cool & Intact Tamara Oldaker

10/13/2023

Soil

Project Location: EOG

Sample ID: BES 23 - 77 5' (H235721-16)

Sample ID: BES 23 - 77 5' 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	IL 105 9	% 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	3240	16.0	10/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO 05-C10*	<10.0	10.0	10/19/2023	ND	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: L-Chloroctadecane	92.8	% 49.1-14							

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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 SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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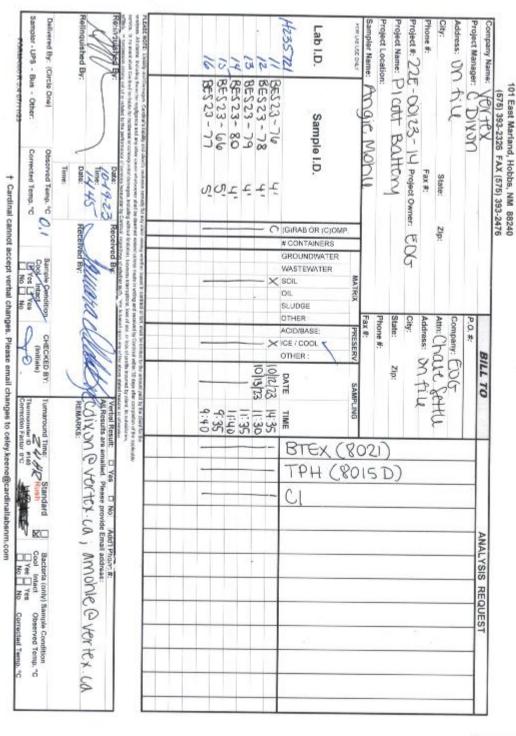
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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 www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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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10/17/2023

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

Sampling Type: Soil Project Name: PLATT TANK BATTERY Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Sampling Date:

Project Location: NONE GIVEN

Sample ID: BES 23 - 55 6' (H235720-01)

Sample 10: BES 23 - 55 6 (H2 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	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualific
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	Qualific
GRO 05-C10*	828	100	10/19/2023	ND	206	103	200	1.90	
DRO >C10-C28*	5270	100	10/19/2023	ND	195	97.7	200	3.68	
EXT DRO >C28-C36	946	100	10/19/2023	ND					
Surrogate: 1-Chlorooctane	202 9	6 48.2-13	4						
Surrogate: 1-Chloroctadecane	178	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

Sample ID: BES 23 - 56 6' (H2 BTEX 8021B	235720-0 mg/	•	Anabre	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Bervene*	<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	
			-4-4						
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	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	931	100	10/19/2023	ND	206	103	200	1.90	
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	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 TANK BATTERY

 Project Number:
 NONE CITIEN

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: 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 9	% 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	528	16.0	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1190	100	10/19/2023	ND	206	103	200	1.90	
DRO >C10-C28*	5320	100	10/19/2023	ND	195	97.7	200	3.68	
EXT DRO >C28-C36	1040	100	10/19/2023	ND					
Surrogate: 1-Chlorooctane	230 9	% 48.2-13	4						
Surrogate: I-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
 Sampling Date:
 10/17/2023

 Reported:
 10/20/2023
 Sampling Type:
 Soil

Project Name: PLATT TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker
Project Location: NONE GIVEN

Sample ID: WES 23 - 152 14' (H235720-04)

BTEX 8021B	mg/		Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	10/20/2023	ND	2.16	108	2.00	2.19	
Toluene*	0.297	0.050	10/20/2023	ND	2.08	104	2.00	3.71	GC-NC1
Ethylbenzene*	2.81	0.050	10/20/2023	ND	2.17	108	2.00	4.59	
Total Xylenes*	7.05	0.150	10/20/2023	ND	6.53	109	6.00	5.05	
Total BTEX	10.2	0.300	10/20/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PIL	143 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	832	16.0	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	319	100	10/19/2023	ND	206	103	200	1.90	
DRO >C10-C28*	2670	100	10/19/2023	ND	195	97.7	200	3.68	
EXT DRO >C28-C36	433	100	10/19/2023	ND					
Surrogate: 1-Chlorooctane	173 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	175	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
 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	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*	0.598	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	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	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 05-C10*	89.2	10.0	10/20/2023	ND	206	103	200	1.90	
DRO >C10-C28*	1230	10.0	10/20/2023	ND	195	97.7	200	3.68	
EXT DRO >C28-C36	265	10.0	10/20/2023	ND					
Surrogate: 1-Chlorooctane	1179	6 48.2-13	4						
Surrogate: 1-Chloroctadecane	1239	6 49.1-14	*						

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10/17/2023

Soil

Sampling Date:

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:

Sampling Type: PLATT TANK BATTERY Cool & Intact Project Name: Sampling Condition: Project Number: NONE GIVEN Sample Received By: Tamara Oldaker Project Location: NONE GIVEN

nle TD: RES 23 - 69 14' (H235720-06)

Sample ID: BES 23 - 69 14' (H BTEX 8021B	mg/		Analyze	d By: MS					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.100	0.100	10/20/2023	ND	2.16	108	2.00	2.19	
Toluene*	0.241	0.100	10/20/2023	ND	2.08	104	2.00	3.71	GC-NC1
Ethylbenzene*	11.5	0.100	10/20/2023	ND	2.17	108	2.00	4.59	
Total Xylenes*	3.31	0.300	10/20/2023	ND	6.53	109	6.00	5.05	
Total BTEX	15.1	0.600	10/20/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PIL	195	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	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	6 48.2-13	4						
Surrogate: 1-Chlomoctadecane	1769	6 49.1-14	*						

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10/17/2023

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: BES 23 - 69 12' (H									
BTEX 8021B	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	10/20/2023	ND	2.16	108	2.00	2.19	
Toluene*	< 0.050	0.050	10/20/2023	ND	2.08	104	2.00	3.71	
Ethylbenzene*	0.932	0.050	10/20/2023	ND	2.17	108	2.00	4.59	
Total Xylenes*	0.612	0.150	10/20/2023	ND	6.53	109	6.00	5.05	
Total BTEX	1.54	0.300	10/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PIL	155	% 71.5-13	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	1260	16.0	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	76.9	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	1090	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	181	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: I-Chloroctadecane	863	% 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
 Sampling Date:
 10/17/2023

 Reported:
 10/20/2023
 Sampling Type:
 Soil

Project Name: PLATT TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker
Project Location: NONE GIVEN

Sample ID: BES 23 - 69 10' (H235720-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.200	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 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	656	16.0	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
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	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	1749	6 49.1-14	8						

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10/17/2023

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

ple ID: WES 23 - 153 14' (H235720-09)

Sample 1D: WES 23 - 153 1/ BTEX 8021B	4" (H235/2 mg,		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	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	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	10/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
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

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

nle TD: WC 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	Qualifier
Benzene*	< 0.050	0.050	10/20/2023	ND	2.16	108	2.00	2.19	
Toluene*	< 0.050	0.050	10/20/2023	ND	2.08	104	2.00	3.71	
Ethylbenzene*	< 0.050	0.050	10/20/2023	ND	2.17	108	2.00	4.59	
Total Xylenes*	< 0.150	0.150	10/20/2023	ND	6.53	109	6.00	5.05	
Total BTEX	<0.300	0.300	10/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PIL	120 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	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	Qualifier
GRO 05-C10*	<10.0	10.0	10/19/2023	ND	196	98.1	200	4.26	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	210	105	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					
Surrogate: 1-Chlorooctane	72.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.4	% 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
 Sampling Date:
 10/18/2023

 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: 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	
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	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	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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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:
 10/18/2023

 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: 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	Analyze	d 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 06-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						

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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 10/20/2023 Reported: PLATT TANK BATTERY Project Name: Project Number:

NONE GIVEN NONE GIVEN

Sampling Date: 10/18/2023 Soil

Sampling Type: Cool & Intact Sampling Condition: Sample Received By: Tamara Oldaker

ole ID: WS 23 - 156 (H235720-12)

Project Location:

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	Analyze	d 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

5-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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.
	Onloride 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 14 of 16

Project Manager: Change	Chance Dixon	P.O.#	ANALYSIS REQUEST
2.00		Company: EOG	
Project #: Project Name: The Augustine	Project Owner	Address: City: State: Zig	
Sampler Name: Zach E	43		
HassTao	(G)RAB OR (C)OMP. WONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER ACIDMASE: CECOOL OTHER: DATE	BTEY TPH CL
1 1 1 1 1 1 1	24 8 H	10-773 4:00 4:20 4:31 4:50	
8 8 £ 523-	63 11	10:10 10:10 18:20	4
makes it came in heigh best for explosion was settle. In one of self-code its label to inside all fill make discovering set of or reason in the Rellinguished By: Rellinguished By: Rellinguished By:		when the word of the state of t	Topython much to the Constitution of the capitable formula to constitution of the capitable formula to constitution of the capitable formula to the capitable formula formula to the capitable formula formul
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. C 0/1 Sample Condition	libon CHECKED BY: Turnaround Time:	

Page 15 of 16

101 East Marland, Hobbs, NM 88240 (878) 393-2328 FAX (575) 393-2476 Company Name: Veftex CEOG Project Manager: DARLE DIXON Address: DA VEV Project Manne: Plat t Lak BATTCAY Project Location: Plat t Lak BATTCAY Project Location: Sample I.D. Sampler Name: Plat t Lak BATTCAY Project Location: Sample I.D. Sampler Name: Plat t Lak BATTCAY Project Location: Sample I.D. Sampler Name: Plat t Lak BATTCAY Project Location: Sample I.D. Sampler Name: Plat t Lak BATTCAY Project Location: Sample I.D. Sampler Name: Plat t Lak BATTCAY Project Location: Sample I.D. Sampler Name: Plat t Lak BATTCAY Project Location: Sample I.D. Sampler Name: Plat t Lak BATTCAY Project Location: Sample I.D. Sampler Name: Plat t Lak BATTCAY Project Location: Sample I.D. Sampler Name: Plat t Lak BATTCAY Project Location: Sample I.D. Sampler Name: Plat t Lak BATTCAY Project Location: Sample I.D. Sampler Name: Plat t Lak BATTCAY Project Location: Sample I.D. Sampler Name: Plat t Lak BATTCAY Project Location: Sample I.D. ANATROX Project Location: Sample I.D. Sampler Name: Plat t Lak BATTCAY Project Location: Sample I.D. ANATROX Project Location: Sample I.D. ANATROX Project Location: Sample I.D. ANATROX Project Location: Sample I.D. ANATROX Project Location: Sample I.D. ANATROX Project Location: Sample I.D. ANATROX Project Location: Sample I.D. ANATROX Project Location: Sample I.D. ANATROX Project Location: Sample I.D. ANATROX Project Location: Sample I.D. ANATROX Project Location: Sample I.D. ANATROX Project Location: Sample I.D. ANATROX Project Location: Sample I.D. ANATROX Project Location: Sample I.D. ANATROX Project Location: Sample I.D. ANATROX ANATROX Project Location: Sample I.D. ANATROX Project Location: Sample I.D. ANATROX ANATROX Project Location: Sample I.D. ANATROX ANATROX ANATROX Project Location: Sample I.D. ANATROX ANATROX ANATROX ANATROX ANATROX ANATROX ANATROX ANATROX ANATROX ANATROX ANATROX ANATROX ANATROX ANATROX ANATROX ANATROX ANATROX ANAT	Of East Marland, Hobbs, NM 88240 (878) 393-2476 Vertex (EOG) Charle Dixon Fax #: Project Owner. Fax #: Project Owner. Project Owner. Fax #: Project Owner. Project Owner. Fax #: Project Owner. P	Sample I.D. Sampl
88240 Sample Condition Sampl	88240 88240 803-2476 803-2476 803-2476 803-2476 8040000000000000000000000000000000000	BILL TO ANA P.O. #: COG Company: Q.A. F. 'v.e. Address: Addre
	BILL TO D. #: FOG Impany: 0.4 F. G the: Zip: be: Zip: DATE TIME ACID SERVING ONTE TIME A	BILL TO ANA TO G MIDSANY: Q.A. F. Le Time Time Time Time To be indeed for a war and mid by the client for any contract of the contracts The client for a first any contracts T

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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 www.tceq.texas.gov/field/ga/lab.accred.certif.html.

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

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

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:
 10/26/2023

 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 & Intac

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: WES 23 - 160 4-14' (H235873-01)

BTEX 8021B	mg/		Analyze	d By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	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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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:
 10/26/2023

 Reported:
 10/30/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

EOG

Sampling Type: Sampling Condition: Sample Received By:

Sampling Date:

10/23/2023 Soil

Cool & Intact Shalyn Rodriguez

Sample ID: WES 23 - 161 4-14' (H235873-02)

Project Location:

Sample 1D: WES 23 - 161 4-1 BTEX 8021B	4" (H235) mg/		Analyze	d By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	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	Qualifie
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	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	6 49.1-14	8						

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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:
 10/26/2023

 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 - 162 4-14' (H235873-03)

Sample ID: WES 23 - 162 4-14									
BTEX 8021B	mg/	kg	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 05-C10*	151	10.0	10/27/2023	ND	194	97.0	200	3.26	
DRO >C10-C28*	1670	10.0	10/27/2023	ND	187	93.7	200	2.51	
EXT DRO >C28-C36	304	10.0	10/27/2023	ND					
Surrogate: 1-Chlorooctane	1179	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	6 49.1-14	8						

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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:
 10/26/2023

 Reported:
 10/30/2023

 Project Name:
 PLATT PA BATTERY

 Project Name:
 PLATT PA BATTER

 Project Number:
 22E-00123-14

 Project Location:
 EOG

Sampling Type: Sampling Condition: Sample Received By:

Sampling Date:

10/23/2023 Soil

Cool & Intact Shalyn Rodriguez

Sample ID: WES 23 - 163 4-14' (H235873-04)

Sample 1D: WES 23 - 163 4-14 BTEX 8021B	4" (H235) mg/		Analyze	ed By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	10/26/2023	ND	2.04	102	2.00	1.64	
Toluene*	< 0.050	0.050	10/26/2023	ND	2.10	105	2.00	1.81	
Ethylbenzene*	< 0.050	0.050	10/26/2023	ND	2.11	105	2.00	1.17	
Total Xylenes*	< 0.150	0.150	10/26/2023	ND	6.30	105	6.00	0.0421	
Total BTEX	<0.300	0.300	10/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PIL	106	% 71.5-13	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	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	Qualifier
GRO 05-C10*	<10.0	10.0	10/27/2023	ND	194	97.0	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	187	93.7	200	2.51	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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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:
 10/26/2023

 Reported:
 10/30/2023

 Project Name:
 PLATT PA BATTERY

 Project Number:
 22E-00123-14

 Project Location:
 EOG

 Sampling Date:
 10/24/2023

 Sampling Type:
 Soil

 Sampling Condition:
 Cool & Intact

Sample Received By: Shalyn Rodriguez

Sample ID: BES 23 - 55 16' (H235873-05)

Sample ID: BES 23 - 55 16' (H BTEX 8021B	mg/		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 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	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	
	219	10.0	10/27/2023	ND					
EXT DRO >C28-C36									
EXT DRO >C28-C36 Surrogate: 1-Chlorocetane	101		4						

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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 7 of 8

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CHECKED BY: Turnaround Time: Standard Standard Booteria (only) Sample Condition Turnaround Time: Standard Checked By: Turnaround Time: Standard Cool Intact Corrected Textor O'C Corrected	OTHER TIME DATE TIME BT X	SAMPLING (8021) 8015 D)	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 www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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 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	1010	16.0	11/06/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.6	% 49.1-14	8						

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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 Sample Received By: Project Number: 22E-00123-14 Dionica Hinojos

Project Location: **EOG**

Sample ID: BES 23-56 12' (H236028-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	0.663	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	0.788	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	GC-NC1
Total BTEX	1.45	0.300	11/03/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	140	% 71.5-13	14						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	11/06/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	40.2	10.0	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	692	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	95.1	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	92.9	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	18						

Surrogate: 1-Chlorooctadecane 104 %

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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 23-82 4' (H236028-03)

BTEX 8021B

DIEX GOZID	ıııg,	N9	Allulyzo	.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	102 9	% 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	% 49.1-148	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	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/06/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

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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	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	912	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	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 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 23-85 4' (H236028-06)

BTEX 8021B

DIEX GOZID	1119/	- Kg	Allulyzo	Analyzed 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, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	11/06/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	92.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

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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

	9/	9	7111411720	,					
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	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	11/06/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/05/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/05/2023	ND					
Surrogate: 1-Chlorooctane	70.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.0	% 49.1-14	8						

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Analytical Results For:

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

Fax To: NA

 Received:
 11/02/2023
 Sampling Date:
 10/31/2023

 Reported:
 11/06/2023
 Sampling Type:
 Soil

Project Name: PLATT PA BATTERY Sampling Condition: Cool & Intact
Project Number: 22E-00123-14 Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: EOG

Sample ID: BES 23-87 4' (H236028-08)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	ed 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	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	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 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 23-88 4' (H236028-09)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	11/06/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.0	% 49.1-14	8						

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Analytical Results For:

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

Fax To: NA

Received: 11/02/2023 Sampling Date: 10/31/2023

Reported: 11/06/2023 Sampling Type: Soil Project Name: PLATT PA BATTERY

Sampling Condition: Cool & Intact Sample Received By: Project Number: 22E-00123-14 Dionica Hinojos

Project Location: **EOG**

Sample ID: WES 23-163 0-20' (H236028-10)

BTEX 8021B	mg/kg		Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.088	0.050	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	0.143	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	GC-NC1
Ethylbenzene*	7.54	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	4.42	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	GC-NC1
Total BTEX	12.2	0.300	11/03/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	193 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	3280	16.0	11/06/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	190	10.0	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	1840	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	282	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	121 9	% 48.2-13	4						
Surrogata: 1 Chlorocetadaeana	140	9/- 10 1 14	0						

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	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	< 0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1230	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	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 Sample Received By: Project Number: 22E-00123-14 Dionica Hinojos

Project Location: **EOG**

Sample ID: BES 23-89 4' (H236028-12)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, 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	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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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 23-91 4' (H236028-14)

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	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	800	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	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3	% 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: 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)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, 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						

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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 23-93 4' (H236028-16)

BTEX 8021B

	9/	9	7111411720						
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	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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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: 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

Applyzod By: 14

Project Location: EOG

Sample ID: BES 23-94 4' (H236028-17)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1460	16.0	11/06/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	93.4	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	73.5	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	93.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 49.1-14	8						

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Celey D. Kreene



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

Applyzod By: 14

Project Location: EOG

Sample ID: BES 23-95 4' (H236028-18)

RTFY 8021R

BIEX 8021B	mg	/ kg	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	432	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	114	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celey D. Keine



11/01/2023

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

Sampling Date:

Project Location: EOG

Sample ID: BES 23-96 4' (H236028-19)

BTEX 8021B

DIEX GOZID	ıııg,	- Kg	Allulyzo	.u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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 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 23-97 4' (H236028-20)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	1.96	98.1	2.00	10.6	
Toluene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	10.4	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.92	96.2	2.00	11.1	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.99	99.9	6.00	10.4	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 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	768	16.0	11/06/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	195	97.5	200	2.34	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	184	92.0	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 49.1-14	8						

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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

DIEX GOZID	ıııg,	- Kg	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	1.86	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 9	% 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	11/04/2023	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

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

0bserved Temp. °C

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



	(3/3) 393-2320 FAX (3/3) 393-24/0	+/0				
Company Name:	5		BILL TO			ANALYSIS REQUEST
Project Manager:	C.Dixon		P.O. #:			
Address: On	さら		Company: EUG			
City:	State:	Zip:	Attn: Chase Sett	तं		
Phone #:	Fax #:		Address: on file	<u></u>		
Project #: 22E	Project #: 22E-00123-14 Project Owner: EDG	" EDG	City:			
Project Name:	Platt PA Batton		State: Zip:			
Project Location:	n		Phone #:)	<u>)</u>	
Sampler Name:	Angio Monto		Fax #:	121	5 0	
FOR LAB USE ONLY	r	MATRIX	PRESERV. SAME	SAMPLING	019	
		S ER		(8	(80	
Lab I.D.	Sample I.D.	(G)RAB OR (C) # CONTAINER GROUNDWAT WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	BTEX	TPH (
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7	86			14:00		
00	BES23-87 4'			7: 2: 2:		
o	BES 23-89 4'			-		
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PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Caffiliates or successors arising the services or successors arising the property of the services.	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tont, shall be limited to the amount paid by the client for the nanyses. 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 him. 30 days after the applicable service in no event shall Cardinal be liable for incidental or consequental damages, including whore the production in the production of use or loss of profits incurred by client, its subsidiaries, stillates or successors arising out of or related to the performance of services i. "Purifier by Cardinal, regardless of whether such claim is based upon any of the above stated deasons or otherwise.	iny claim arising whether based in contrac deemed walved unless made in writing ar g without limitation, business interruptions, Cardinal, regardless of whether such claim	remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for th were shall be deemed waived 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 "nur,ider by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwises	pplicabl	le	
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CHAIN-OF-CUSTODY AND ANA LYSIS REQUEST



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Company Name:	* Yortx				BILL T	70			ANALYSIS	YSIS REQUEST	
Project Manager:	C. DIXON			P.O	P.O. #:						
Address: ()\(\)	アス			Co	Company: TOG						
City:		State:	Zip:	Att	Attn: Chase Settle	CHE			,		
Phone #:		Fax #:		Ad	Address: On F	かる	2				3
Project #: 22	Project #: 22E-00173-1	Project Owner:	: E06								186
Project Name:		Battony		Sta	State: Zip:	×					P
Project Location:				Ph	Phone #:		_				
Sampler Name:	Angie	Mohu		Fa	Fax #:		21				
FOR LAB USE ONLY	4			MATRIX	PRESERV. S	SAMPLING	_				
	20 T	,	IERS VATER	TER			(80 X (8		1		
H231628	Sample I.D.	e I.U.	(G)RAB OF # CONTAIN GROUNDV	WASTEWA SOIL OIL SLUDGE OTHER:	ACID/BASE ICE / COOL OTHER : DATE	TIME	BTE	CI	8	×	
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12	BES23- 89	Į.		-	. 1 10/01/23	0	_	-			1
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15	BES23- 92	ť				9:35					
14	BES23-93	Ť				04:40					
17	BES23-94	÷				10:35					
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PLEASE NOTE: Liability a analyses. All claims includ service. In no event shall C	PLEASE NOTE: Liability and Damages. Cardinal's liability and client secclusive remedy for any claim arising whether based in contract or but, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	nd client's exclusive remedy for an other cause whatsoever shall be donsequental damages, including	y claim arising wheth eemed waived unles without limitation, but	ner based in contract or tort ss made in writing and receisiness interruptions, loss of	shall be limited to the amouved by Cardinal within 30 dayuse, or loss of profits incurre	nt paid by the client for the safter completion of the a by client, its subsidiaries,	pplicable				
) Sec) H	Parte: 0/31/23	Received By:	Зу:		Verbal Result: All Results are ema	lt: ☐ Yes re emailed. P	Yes □ No Add'I Phone #:	☐ No Add'I Phone #: ase provide Email address	one #:	
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Veilliduistied b	Ÿ.	Time: 3:20	Kacalyad	7		NEWARNO.					
Delivered By: (Circle One)	Circle One)	Observed Temp. °C-1.38	,	Sample Condition Cool Intact	CHECKED BY:	Turnaround Time:	Time:	Standard		Bacteria (only) Sample Condition	Condition
Sampler - UPS -	Bus - Other:	Corrected Temp. °C	THUD [☐ Yes ☐ Yes ☐ No ☐ No	\$	Thermometer ID #140 Correction Factor 0°C	D #140 tor 0°C	M 84	, ł	Yes Yes No Correc	Corrected Temp. °C
	01/01/01/01/01									ı	THE R. P. LEWIS CO., LANSING, MICH. 400, LANSING, ST., LAN

CHAIN-OF-SUSTODY AND ANALYSIS REQUEST

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

Company Name: VEY+CX	BILL TO	ANALYSIS REQUEST
Project Manager: C DIXON	P.O. #:	
Address: On Fife	company: EOG	
City: State: Zip:	Attn: Chase Settle	
Phone #: Fax #:	Address: On File	
Project #: 22E-00123-14 Project Owner: EDG	City:	
	State: Zip:	
Project Location:	Phone #:	
Sampler Name: ANAIT MONT	Fax #:	
P.	MATRIX PRESERV. SAMPLING	014
CONTAINERS GROUNDWATER WASTEWATER	SOIL DIL SLUDGE DTHER: ACID/BASE: CE / COOL DTHER:	BTEX (8 TPH (8
BES23-99 4' C	X 11/01/23 1	× × ×
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 analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal writin 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by "artinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	ased in contract or tort, shall be limited to the amount paid by the client for the adein writing and received by Cardinal within 30 days after completion of the iss interruptions, loss of use, or loss of profits incurred by client, its subsidiaries ther such claim is based upon any of the above stated reasons or otherwise	ne applicable s.s.
Time:	Received By: Verbal Result: All Results are Cdixon	Verbal Result:
Received	RE	
1.25.	Sample Condition CHECKED BY: Cool Intact (Initials) Thermometer ID #140 Correction Factor 0°C	Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C rID #140 LS Pes L Yes Bacter 0°C LS Pes L Yes Bacter 0°C LS Pes L Yes Bacter 0°C LS Pes L Yes Bacter 0°C LS Pes L Yes Bacter 0°C LS Pes L Yes Bacter 0°C LS Pes L Yes Bacter 0°C LS Pes L Yes Bacter 0°C LS Pes L Yes Bacter 0°C LS Pes L Yes Bacter 0°C LS Pes L Yes Bacter 0°C LS Pes L Yes Bacter 10°C LS Pes LS Pes L Yes Bacter 10°C LS Pes L



November 13, 2023

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

RE: PLATT PA BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 11/09/23 13:05.

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

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



11/07/2023

Soil

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: Reported: 11/13/2023 Sampling Type:

Project Name: PLATT PA BATTERY Sampling Condition: Cool & Intact Project Number: 22E-00123-14 Sample Received By: Dionica Hinojos

Project Location: **EOG**

Sample ID: WES 23 - 167 4-10' (H236154-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2023	ND	2.02	101	2.00	0.852	
Toluene*	<0.050	0.050	11/10/2023	ND	2.12	106	2.00	7.31	
Ethylbenzene*	<0.050	0.050	11/10/2023	ND	2.27	113	2.00	8.10	
Total Xylenes*	<0.150	0.150	11/10/2023	ND	6.88	115	6.00	7.96	
Total BTEX	<0.300	0.300	11/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137 9	% 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 - 168 4-10' (H236154-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2023	ND	2.02	101	2.00	0.852	
Toluene*	<0.050	0.050	11/10/2023	ND	2.12	106	2.00	7.31	
Ethylbenzene*	<0.050	0.050	11/10/2023	ND	2.27	113	2.00	8.10	
Total Xylenes*	<0.150	0.150	11/10/2023	ND	6.88	115	6.00	7.96	
Total BTEX	<0.300	0.300	11/10/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	11/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2023	ND	188	94.2	200	2.53	
DRO >C10-C28*	13.8	10.0	11/10/2023	ND	199	99.6	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	11/10/2023	ND					
Surrogate: 1-Chlorooctane	116 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132 9	% 49.1-14	8						

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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: 1H /

Project Location: EOG

RTFY 8021R

Sample ID: WES 23 - 169 4-20' (H236154-03)

B1EX 8021B	mg,	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	11/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2023	ND	188	94.2	200	2.53	
DRO >C10-C28*	<10.0	10.0	11/10/2023	ND	199	99.6	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	11/10/2023	ND					
Surrogate: 1-Chlorooctane	121	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139	% 49.1-14	8						

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Celey & Keene



Analytical Results For:

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

Received: 11/09/2023

Reported: 11/13/2023

Project Name: PLATERY

Project Name: PLATT PA BATTERY
Project Number: 22E-00123-14

Project Location: EOG

RTFY 8021R

Sampling Date: 11/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: WES 23 - 171 4-10' (H236154-04)

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	11/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2023	ND	188	94.2	200	2.53	
DRO >C10-C28*	<10.0	10.0	11/10/2023	ND	199	99.6	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	11/10/2023	ND					
Surrogate: 1-Chlorooctane	119	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137	% 49.1-14	8						

Analyzed By: 1H /

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Analytical Results For:

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

Received: 11/09/2023
Reported: 11/13/2023
Project Name: PLATT PA BATTERY

Project Name: PLATT PA BATTERY
Project Number: 22E-00123-14

Project Location: EOG

BTEX 8021B

Sampling Date: 11/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: WES 23 - 172 4-10' (H236154-05)

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 9	% 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	608	16.0	11/10/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Dogult	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	Result	Reporting Limit	Analyzea	ricaloa blank	55	70 110007017	True value qe	5	Quaoi
GRO C6-C10*	<10.0	10.0	11/10/2023	ND	188	94.2	200	2.53	Quac.
GRO C6-C10* DRO >C10-C28*			•			,	•		Quac.

Analyzed By: JH/

Surrogate: 1-Chlorooctane 132 % 48.2-134 Surrogate: 1-Chlorooctadecane 154 % 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: 11/09/2023
Reported: 11/13/2023
Project Name: PLATT PA BATTERY

Project Name: PLATT PA BATTERY
Project Number: 22E-00123-14

Project Location: EOG

Sampling Date: 11/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

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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Notes and Definitions

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

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476		
	BILL TO	ANALYSIS REQUEST
··	P.O. #:	
Address: OM FITC	Company: CUO	
City: State: Zip:	Attn: CDUNC SCIENCE	
ne #:	Address: On hite	
Project #: 22E~ 00123-14 Project Owner: E06		
Œ	State: Zip:	
Project Location:	Phone #:	_
Anair Mohle	Fax #:	15
	PRESERV. SAMPLING	800
G)RAB OR (C)OM CONTAINERS GROUNDWATER WASTEWATER SOIL	DIL SLUDGE DTHER: ACID/BASE: CE / COOL DTHER:	TPH (S
107 4-20 X	-×	
WES23-169 4-20'	10:00	
WAR 121-823-M 7	10:10	
6 WES23-173 4-800	V 11:50	
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affiliates or successors arising out of a related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any at the Received By: Time: Ti	Verbal Result: All Results are 6 Cdi xon	Verbal Result: Yes No Add'I Phone #: All Results are emailed. Please provide Email address: Cdi xon @ Vortcx. Ca ' amoh le @ Vortcx. Ca
Relinquished By: Date: Received By: Time:	REMARKS:	
Delivered By: (Circle One) Observed Temp. °C Cool Intact.	tion CHECKED BY:	Standard B
Sampler - UPS - Bus - Other: Corrected Temp. °C	o is	©C + 8 hr □ No

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

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

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

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

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

QUESTIONS

Action 298050

QUESTIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	298050
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites				
Incident ID (n#)	nKMW0800950646			
Incident Name	NKMW0800950646 PLATT PA #005 @ 30-015-23906			
Incident Type	Produced Water Release			
Incident Status	Remediation Closure Report Approved			
Incident Well	[30-015-23906] PLATT PA #005			

ocation of Release Source				
Please answer all the questions in this group.				
Site Name	PLATT PA #005			
Date Release Discovered	06/23/2007			
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	Cause: Equipment Failure Water Tank Produced Water Released: 40 BBL Recovered: 30 BBL Lost: 10 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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

District IV

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 298050

1220 S. St Francis Dr., Santa Fe, NM 8/505 Phone:(505) 476-3470 Fax:(505) 476-3462	
QUESTI	IONS (continued)
Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377 Action Number: 298050 Action Type: [C-141] Remediation Closure Request C-141 (C-141-y-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.	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	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
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	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
	Name: Tine Huarta

Title: Regulatory Reporting Supervisor

Date: 12/28/2023

Email: tina_huerta@eogresources.com

I hereby agree and sign off to the above statement

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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 298050

QUESTIONS (continued)

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	298050
	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	
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 demonstrating the lateral and vertical extents	of soil contamination 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 extents of contamination been fully of	delineated Yes
Was this release entirely contained within a lined containment a	area No
Soil Contamination Sampling: (Provide the highest observable val	lue 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	r 8260B) 1.5
Benzene (EPA SW-846 Method 8021B o	or 8260B) 0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization repor which includes the anticipated timelines for beginning and completing the re	rt includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, mediation.
On what estimated date will the remediation commence	03/01/2023
On what date will (or did) the final sampling or liner inspection or	ccur 11/07/2023
On what date will (or was) the remediation complete(d)	12/04/2023
What is the estimated surface area (in square feet) that will be re	reclaimed 16505
What is the estimated volume (in cubic yards) that will be reclain	med 3360
What is the estimated surface area (in square feet) that will be re	emediated 16505
What is the estimated volume (in cubic yards) that will be remed	liated 3360
These estimated dates and measurements are recognized to be the best gues	ss or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that proposed remediation measures may have to be mi	inimally 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.

District I

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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 298050

QUESTIONS (continued)

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	298050
	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 8:12:08 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 298050

QUESTIONS (continued)

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	298050
	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 298050

QUESTIONS (continued)

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	298050
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	292244
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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QUESTIONS, Page 7

Action 298050

QUESTIONS (continued)

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	298050
	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 298050

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	7377
	Action Number:
	298050
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Create: By	Condition	Condition Date
bhall	Remediation Closure approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. The reclamation report will need to address all of the requirements of 19.15.29.13 NMAC including pictures of the reclaimed area and a proposed revegetation plan. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	12/29/2023