wsp

WSP USA

3300 North "A" Street Building 1, Unit 222 Midland, Texas 79705 432.704.5178

March 14, 2022

District I New Mexico Oil Conservation Division 1625 N. French Drive Hobbs, New Mexico 88240

RE: Closure Request
EVGSAU Satellite 3
Incident Number NAPP2125634309
Lea County, New Mexico

To Whom It May Concern:

WSP USA Inc. (WSP) on behalf of ConocoPhillips Company, (COP) presents the following Closure Request detailing site assessment and soil sampling activities at the EVGSAU Satellite 3 (Site) in Unit J, Section 32, Township 17 South, Range 35 East, in Lea County, New Mexico (Figure 1). The purpose of the site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a liquid mist of crude oil and produced water from the flare stack at the Site. Based on field observations, field screening activities, and soil sample laboratory analytical results, COP is submitting this Closure Request and requesting no further action (NFA) for Incident Number NAPP2125634309.

RELEASE BACKGROUND

On August 12, 2021, a release from the flare stack resulted in a liquid mist of approximately 0.57 barrels (bbls) of crude oil and 5.1 bbls of produced water onto the surface of the well pad. There were no freestanding fluids to recover. COP reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification Form C-141 (Form C-141) on August 12, 2021. The release was assigned Incident Number NAPP2125634309.

SITE CHARACTERIZATION

WSP characterized the Site according to Table 1, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Depth to groundwater at the Site is estimated to be between 50 feet and 100 feet below ground surface (bgs) based on the nearest groundwater well data. The nearest permitted groundwater well with depth to groundwater data is the New Mexico Office of the State Engineer (NMOSE) well L-07695, located approximately 0.3 miles southeast of the Site. The groundwater well has a reported depth to groundwater of 85 feet bgs and a total depth of 198 feet bgs. All wells used for depth to groundwater determination are depicted on Figure 1. The referenced well records are included in Attachment 1.



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The closest continuously flowing or significant watercourse to the Site is a freshwater palustrine, located approximately 0.2 miles southwest of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, or church. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low karst designation area). Site receptors are identified on Figure 1.

CLOSURE CRITERIA

Based on the results of the Site Characterization, the following NMOCD Table 1 Closure Criteria (Closure Criteria) apply:

Benzene: 10 milligrams per kilogram (mg/kg)

Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg

 Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000

TPH: 2,500 mg/kg

Chloride: 10,000 mg/kg

SITE ASSESSMENT ACTIVITIES

On November 10, 2021, WSP personnel visited the Site to evaluate the release and map the surface mist extent. On February 25, 2022, WSP returned to the Site to conduct site assessment activities. Assessment soil samples SS01 through SS19 were collected within and around the release extent from depths ranging from 0.25 feet to 0.5 feet bgs. Due to the surface mist nature of the release, shallow surface samples were collected to identify any potential impacts. Samples SS01 through SS09, SS14, SS18, and SS19 were collected within the mist area to assess for the presence or absence of impacted soil. Soil samples SS10 through SS13 and SS15 through SS17 were collected around the mist area to confirm the lateral extent of the mist release. The soil samples were field screened for volatile aromatic hydrocarbons and chloride utilizing a calibrated photoionization detector (PID) and Hach® chloride QuanTab® test strips, respectively. The mist extent and soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation was conducted during the Site visit. A photographic log is included in Attachment 2.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported at or below 4 degrees Celsius (°C) under strict chain-of-custody (COC) procedures to Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics, TPH-



District I Page 3

diesel range organics, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

SOIL ANALYTICAL RESULTS

Laboratory analytical results for soil samples SS01 through SS19 indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Site Closure Criteria. Additionally, laboratory analytical results for soil samples SS10 through SS13 and SS15 through SS17 provided lateral delineation to below the most stringent Table 1 Closure Criteria. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Attachment 3.

CLOSURE REQUEST

Site assessment activities were conducted at the Site to address the August 12, 2021 mist release from the flare stack. Soil samples SS01 through SS09, SS14, SS18, and SS19 were collected within the surface mist area to assess for the presence or absence of soil impacts. Additionally, soil samples SS10 through SS13 and SS15 through SS17 were collected around the mist area to confirm the lateral extent of the release. Laboratory analytical results for the soil samples indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Site Closure Criteria and provided lateral delineation of the release to below the most stringent Table 1 Closure Criteria.

Based on soil sample laboratory analytical results compliant with the Closure Criteria, no impacted soil was identified, and no excavation was warranted as a result of the release. As such, COP respectfully requests no further action for Incident Number NAPP2125634309. If you have any questions or comments, please do not hesitate to contact Ms. Aimee Cole at (720) 384-7365. The final Form C-141 is included in Attachment 4.

Sincerely,

WSP USA Inc.

Hadlie Green Assistant Consultant, Geologist Aimee Cole

Since Cale

Sr. Consultant, Environmental Scientist

cc: Rahul Kaushik, COP

Hadie Green



District I Page 4

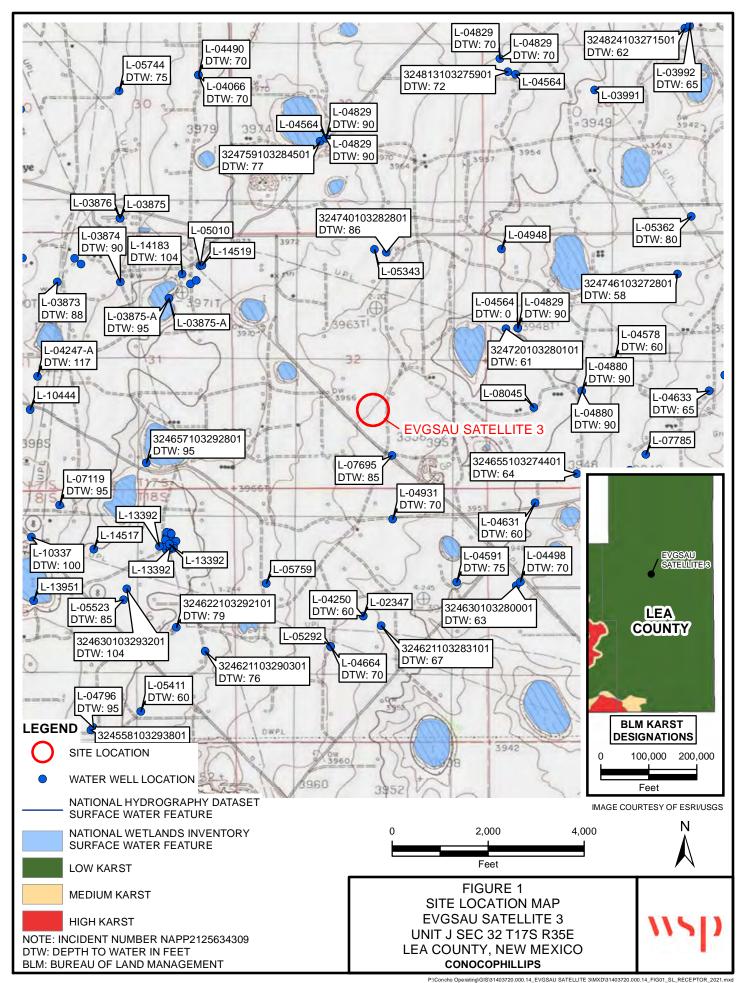
Attachments:

Figure 1 Site Location Map
Figure 2 Soil Sample Locations
Table 1 Soil Analytical Results
Attachment 1 Referenced Well Records

Attachment 2 Photographic Log

Attachment 3 Laboratory Analytical Reports

Attachment 4 Final C-141



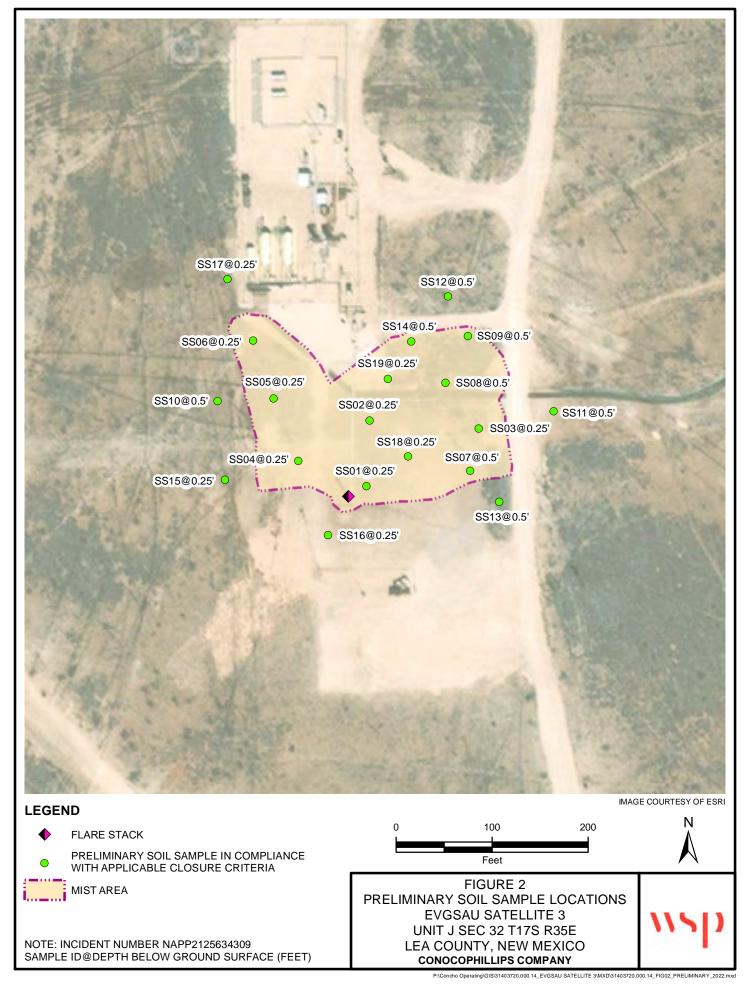


Table 1

Soil Analytical Results EVGSAU Satellite 3 Incident Number NAPP2125634309 Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	TPH-DRO (mg/kg)	TPH-GRO (mg/kg)	TPH-ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Cl	osure Criteria (NM	AC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
Soil Samples										
SS01	02/25/2022	0.25	< 0.00200	< 0.00399	71.6	<49.9	<49.9	71.6	71.6	407
SS02	02/25/2022	0.25	< 0.00201	< 0.00402	66.1	< 50.0	<50.0	66.1	66.1	26.1
SS03	02/25/2022	0.25	< 0.00199	< 0.00398	60.7	<50.0	<50.0	60.7	60.7	401
SS04	02/25/2022	0.25	< 0.00202	< 0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	79.8
SS05	02/25/2022	0.25	< 0.00202	< 0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	206
SS06	02/25/2022	0.25	< 0.00200	< 0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	239
SS07	02/16/2022	0.5	< 0.00201	< 0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	33.4
SS08	02/16/2022	0.5	< 0.00201	< 0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	18.2
SS09	02/16/2022	0.5	< 0.00199	< 0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	6.84
SS10	02/16/2022	0.5	< 0.00198	< 0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	5.87
SS11	02/16/2022	0.5	< 0.00201	< 0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	9.1
SS12	02/16/2022	0.5	< 0.00198	< 0.00396	55.7	<50.0	<50.0	55.7	55.7	38.8
SS13	02/22/2022	0.5	< 0.00201	0.21	<50.0	<50.0	<50.0	<50.0	<50.0	304
SS14	02/22/2022	0.5	< 0.00198	0.174	144	<49.9	202	144	346	60.7
SS15	02/25/2022	0.25	< 0.00202	< 0.00403	<50.0	< 50.0	<50.0	<50.0	<50.0	182
SS16	02/25/2022	0.25	< 0.00198	< 0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	54.1

Table 1

Soil Analytical Results EVGSAU Satellite 3 Incident Number NAPP2125634309 Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	TPH-DRO (mg/kg)	TPH-GRO (mg/kg)	TPH-ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Clo	osure Criteria (NM	AC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
SS17	02/25/2022	0.25	< 0.00201	< 0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	26.5
SS18	02/25/2022	0.25	< 0.00199	< 0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	195
SS19	02/25/2022	0.25	< 0.00200	< 0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	273

Notes:

ft - feet/foot

mg/kg - milligrams per kilograms

BTEX - benzene, toluene, ethylbenzene, and total xylenes

TPH - total petroleum hydrocarbons

DRO - diesel range organics

GRO - gasoline range organics

ORO - oil range organics

NMOCD - New Mexico Oil Conservation Division

NMAC - New Mexico Administrative Code

< - indicates result is less than the stated laboratory method practical quantitation limit

NE - Not Established

BOLD - indicates results exceed the higher of the background sample result or applicable regulatory standard

Greyed data represents samples that were excavated



New Mexico Office of the State Engineer

Water Right Summary

get image list

WR File Number: L 07695 Subbasin: L Cross Reference:

Primary Purpose: SRO SECONDARY RECOVERY OF OIL

Primary Status: PMT PERMIT

Total Acres: 0 Subfile: - Header: -

Total Diversion: 0 Cause/Case: -

Owner: PHILLIPS PETROLEUM COMPANY

Documents on File

				Sta	atus		From/			
	Trn#	Doc	File/Act	1	2	Transaction Desc.	To	Acres	Diversion	Consumptive
get nages	532474	COMB	1979-08-13	PMT	PBU	L-4829, L-7695 & L-7816- COMB	F	0	480	
get iages	488415	APPRO	1978-07-24	PMT	PCW	L 07695	T	0	480	

Current Points of Diversion

(NAD83 UTM in meters)

 POD Number
 Well Tag
 Source
 64 Q16 Q4 Sec Tws Rng
 X
 Y
 Other Location Desc

 L 04829 S
 Shallow
 3 4 32 178 35E
 642554 3628586*
 3628586*

An () after northing value indicates UTM location was derived from PLSS - see Help

Priority Summary

PriorityStatusAcresDiversionPod Number05/05/1977PMT0480L 04829 SShallow

Place of Use

QQ									
256 64 Q16 Q4Sec	e Tws	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
04	188	35E	0	0		SRO	05/05/1977	TRN	SEE PREVIOUS
									DESCRIPTION FOR TOTAL
									DIVERSION PERMITTED.
05	188	35E	0	0		SRO	05/05/1977	TRN	SEE PREVIOUS
									DESCRIPTION FOR TOTAL
									DIVERSION PERMITTED.
18	3 17S	35E	0	0		SRO	05/05/1977	TRN	SEE PREVIOUS
									DESCRIPTION FOR TOTAL
									DIVERSION PERMITTED.
35	178	34E	0	0		SRO	05/05/1977	TRN	SEE PREVIOUS
									DESCRIPTION FOR TOTAL
									DIVERSION PERMITTED.
3 18	3 17S	35E	0	0		SRO	05/05/1977	TRN	SEE PREVIOUS
									DESCRIPTION FOR TOTAL
									DIVERSION PERMITTED.
4 24	17S	34E	0	0		SRO	05/05/1977	TRN	
1 3 05	188	35E	0	0		SRO	05/05/1977	TRN	SEE PREVIOUS
									DESCRIPTION FOR TOTAL
									DIVERSION PERMITTED.
X									

Source

 Acres
 Diversion
 CU
 Use
 Priority
 Source
 Description

 0
 0
 SRO
 05/05/1977
 GW

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

11/8/21 7:22 AM WATER RIGHT



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

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

X

L 04829 S

4 32 17S 35E

642554 3628586*

Driller License: 46

Driller Company:

ABBOTT BROTHERS COMPANY

Driller Name: MURRELL ABBOTT

05/04/1979

12.75

Drill Finish Date:

05/14/1979

Plug Date:

Log File Date:

Casing Size:

06/06/1979

PCW Rcv Date:

06/06/1979

Source:

Shallow

Pump Type:

Drill Start Date:

TURBIN

Pipe Discharge Size:

Depth Well:

198 feet

Estimated Yield: Depth Water:

85 feet

Water Bearing Stratifications:

Top Bottom Description

198 Sandstone/Gravel/Conglomerate

Casing Perforations:

Bottom Top

85

115 195

Meter Number:

Meter Make:

BROKS

Meter Serial Number: 78092085223

Meter Multiplier:

10.0000

Number of Dials:

8632

Meter Type:

Diversion

Unit of Measure: **Usage Multiplier:** Barrels 42 gal.

Return Flow Percent:

Reading Frequency: Quarterly

Meter Readings (in Acre-Feet)

Read Date	Year M	tr Reading	Fla	g Rdr	Comment	Mtr Amount Online
01/01/2005	2005	0	A	jw		0
03/31/2005	2005	944409	A	jw		121.728
08/08/2005	2005	217766	R	jw	Meter Rollover	352.339
09/30/2005	2005	548362	A	RPT		426.116
12/31/2005	2005	119382	R	RPT	Meter Rollover	736.006
03/31/2006	2006	248548	A	RPT		166.486
**YTD Met	er Amounts:	Year		Amount		
		2005		1636.189		
		2006		166.486		

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

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the data.

11/8/21 7:22 AM

POINT OF DIVERSION SUMMARY



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources	(Cooperator Access)	Data Category:		Geographic Area:		
obdo water Resources	(cooperator /tecess)	Site Information	~	United States	~	GO

Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access realtime water data from over 13,500 stations nationwide.
- Full News

USGS 324720103280101 17S.35E.33.13321

Available data for this site SUMMARY OF ALL AVAILABLE DATA V GO

Well Site

DESCRIPTION:

Latitude 32°47'35", Longitude 103°28'10" NAD27 Lea County, New Mexico , Hydrologic Unit 12080003

Well depth: 220 feet

Land surface altitude: 3,952.00 feet above NGVD29.

Well completed in "High Plains aquifer" (N100HGHPLN) national aquifer.

Well completed in "Ogallala Formation" (1210GLL) local aquifer

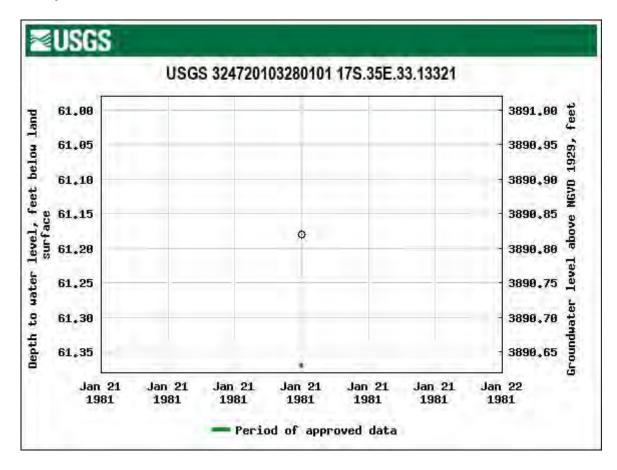
AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1981-01-21	1981-01-21	1
Revisions	Unavailable (site:0) (timese	eries:0)

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center Email questions about this site to New Mexico Water Science Center Water-Data Inquiries

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News





	PHOTOGRAPHIC LOG	
ConocoPhillips	EVGSAU Satellite 3	NAPP2125634309
Company	Lea County, New Mexico	

Photo No. Date
1 November 10, 2021

Photo of mist area taken during initial site assessment.



Photo No. Date
2 February 25, 2022

Photo of mist area around flare taken during soil sampling activities.





	PHOTOGRAPHIC LOG	
ConocoPhillips	EVGSAU Satellite 3	NAPP2125634309
Company	Lea County, New Mexico	

Photo No. Date

3 February 25, 2022

Photo of mist area taken during soil sampling activities.



Photo No.	Date
4	February 25, 2022

Photo of mist area taken during soil sampling activities.





Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-1977-1

Laboratory Sample Delivery Group: 31403720.000task14.02

Client Project/Site: EVGSAU Satellite 3

For:

WSP USA Inc. 2777 N. Stemmons Freeway Suite 1600 Dallas, Texas 75207

Attn: Kalei Jennings

MEAMER

Authorized for release by: 3/1/2022 6:47:48 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

LINKS

Review your project results through

TOTAL TICCOS

Have a Question?



Visit us at:

www.eurofinsus.com/Env

Released to Imaging: 4/5/2022 8:30:24 AM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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12

16

Client: WSP USA Inc.
Project/Site: EVGSAU Satellite 3

Laboratory Job ID: 890-1977-1 SDG: 31403720.000task14.02

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Definitions/Glossary

Client: WSP USA Inc. Job ID: 890-1977-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000task14.02

Qualifiers

GC VOA

Qualifier **Qualifier Description** MS and/or MSD recovery exceeds control limits. U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description**

S1-Surrogate recovery exceeds control limits, low biased. U Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

MS and/or MSD recovery exceeds control limits. U Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report. Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid CFU

CNF Contains No Free Liquid DFR Duplicate Error Ratio (normalized absolute difference)

Colony Forming Unit

Dil Fac Dilution Factor

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

Decision Level Concentration (Radiochemistry) DLC

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level" MCL MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

Method Detection Limit MDL Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present PQL **Practical Quantitation Limit**

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) TEF Toxicity Equivalent Quotient (Dioxin) TEQ

TNTC Too Numerous To Count

Eurofins Carlsbad

Released to Imaging: 4/5/2022 8:30:24 AM

Case Narrative

Client: WSP USA Inc.

Project/Site: EVGSAU Satellite 3

Job ID: 890-1977-1

SDG: 31403720.000task14.02

Job ID: 890-1977-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-1977-1

Receipt

The samples were received on 2/17/2022 4:32 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-19818 and analytical batch 880-20400 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-1971-A-1-D MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: SS11 (890-1977-5), SS12 (890-1977-6), (890-1972-A-1-E), (890-1972-A-1-F MS) and (890-1972-A-1-G MSD). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300 ORGFM 28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-19898 and analytical batch 880-19941 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Carlsbad 3/1/2022 Client: WSP USA Inc.

Project/Site: EVGSAU Satellite 3

Client Sample ID: SS07

Date Collected: 02/16/22 10:22

Date Received: 02/17/22 16:32

Job ID: 890-1977-1

SDG: 31403720.000task14.02

Lab Sample ID: 890-1977-1

Matrix: Solid

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		02/24/22 08:00	03/01/22 06:15	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/24/22 08:00	03/01/22 06:15	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/24/22 08:00	03/01/22 06:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		02/24/22 08:00	03/01/22 06:15	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/24/22 08:00	03/01/22 06:15	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		02/24/22 08:00	03/01/22 06:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130			02/24/22 08:00	03/01/22 06:15	1
1,4-Difluorobenzene (Surr)	95		70 - 130			02/24/22 08:00	03/01/22 06:15	1
- Method: Total BTEX - Total BTE)	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			03/01/22 19:21	1
Analyte		Qualifier	RL	Unit ma/Ka	<u>D</u>	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			02/22/22 15:50	1
•								
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)						·
	•	RO) (GC) Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Gasoline Range Organics	•	Qualifier		<mark>Unit</mark> mg/Kg	D	Prepared 02/21/22 08:32	Analyzed 02/21/22 15:53	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result	Qualifier U			<u>D</u>			
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0	Qualifier U	50.0	mg/Kg	<u>D</u>	02/21/22 08:32	02/21/22 15:53	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <50.0 <50.0	Qualifier U U U	50.0	mg/Kg	<u>D</u>	02/21/22 08:32	02/21/22 15:53 02/21/22 15:53	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate	Result <50.0 <50.0 <50.0	Qualifier U U U	50.0 50.0 50.0	mg/Kg	<u>D</u>	02/21/22 08:32 02/21/22 08:32 02/21/22 08:32	02/21/22 15:53 02/21/22 15:53 02/21/22 15:53	1 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result <50.0 <50.0 <50.0 <50.0 <60.0 %Recovery	Qualifier U U U	50.0 50.0 50.0 <i>Limits</i>	mg/Kg	<u>D</u>	02/21/22 08:32 02/21/22 08:32 02/21/22 08:32 Prepared	02/21/22 15:53 02/21/22 15:53 02/21/22 15:53 Analyzed	1 1 1 Dil Fac
C10-C28)	Result	Qualifier U U Qualifier	50.0 50.0 50.0 Limits 70 - 130	mg/Kg	<u> </u>	02/21/22 08:32 02/21/22 08:32 02/21/22 08:32 Prepared 02/21/22 08:32	02/21/22 15:53 02/21/22 15:53 02/21/22 15:53 Analyzed 02/21/22 15:53	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U U Qualifier	50.0 50.0 50.0 Limits 70 - 130	mg/Kg	<u>D</u>	02/21/22 08:32 02/21/22 08:32 02/21/22 08:32 Prepared 02/21/22 08:32	02/21/22 15:53 02/21/22 15:53 02/21/22 15:53 Analyzed 02/21/22 15:53	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Client Sample ID: SS08

Date Collected: 02/16/22 10:26

Date Received: 02/17/22 16:32

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		02/24/22 08:00	03/01/22 06:35	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/24/22 08:00	03/01/22 06:35	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/24/22 08:00	03/01/22 06:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		02/24/22 08:00	03/01/22 06:35	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/24/22 08:00	03/01/22 06:35	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		02/24/22 08:00	03/01/22 06:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			02/24/22 08:00	03/01/22 06:35	1

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Lab Sample ID: 890-1977-2

Matrix: Solid

Client: WSP USA Inc.

Project/Site: EVGSAU Satellite 3

Job ID: 890-1977-1 SDG: 31403720.000task14.02

Lab Sample ID: 890-1977-2

Client Sample ID: SS08

Date Collected: 02/16/22 10:26 Date Received: 02/17/22 16:32

Sample Depth: 0.5

Method: 8021B	- Volatile Organic	Compounds	(GC)	(Continued)
MICHIOU. UUZ ID	- voiatile Organic	Compounds		(Continueu)

Surrogate	%Recovery Quality	fier Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94	70 - 130	02/24/22 08:00	03/01/22 06:35	1

Method:	Total	BTFX	- Total	BTFX	Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			03/01/22 19:21	1

Mothod: 8015 NM	Diosal Range	Organice	(DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			02/22/22 15:50	1

Method: 8015B	NM Discol	Dange Ore	aaniee (DD()) (CC)
MICHIOU. OU IOD	INIVI - DIESEI	Rallue Oli	ualiics lunc	JI (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		02/21/22 08:32	02/21/22 16:14	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		02/21/22 08:32	02/21/22 16:14	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/21/22 08:32	02/21/22 16:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

Surroyate	Mecovery Qualifier	Liliits	riepaieu	Allalyzeu	DIIF
1-Chlorooctane	81	70 - 130	02/21/22 08:32	02/21/22 16:14	
o-Terphenyl	85	70 - 130	02/21/22 08:32	02/21/22 16:14	
_					

Method: 3	00.0 - Anions,	Ion Chroma	tography -	Soluble

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.2	4.97	mg/Kg		_	02/22/22 18:29	1

Client Sample ID: SS09 Lab Sample ID: 890-1977-3

Date Collected: 02/16/22 10:30 Date Received: 02/17/22 16:32

Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds (GC)

		()						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/24/22 08:00	03/01/22 06:56	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/24/22 08:00	03/01/22 06:56	1
Ethylbenzene	< 0.00199	U	0.00199	mg/Kg		02/24/22 08:00	03/01/22 06:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		02/24/22 08:00	03/01/22 06:56	1
o-Xylene	< 0.00199	U	0.00199	mg/Kg		02/24/22 08:00	03/01/22 06:56	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		02/24/22 08:00	03/01/22 06:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130			02/24/22 08:00	03/01/22 06:56	1
1,4-Difluorobenzene (Surr)	92		70 - 130			02/24/22 08:00	03/01/22 06:56	1

ı						
ı	Mothod	Total	DTEV	Total	DTEV	Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	ma/Ka			03/01/22 19:21	1

Analyte	•	•	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH			<49.9	U	49.9	mg/Kg		-	02/28/22 20:00	1

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Matrix: Solid

Client: WSP USA Inc.

Job ID: 890-1977-1

Project/Site: EVGSAU Satellite 3

SDG: 31403720.000task14.02

Client Sample ID: SS09 Lab Sample ID: 890-1977-3

Date Received: 02/17/22 16:32

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9	mg/Kg		02/22/22 09:05	02/22/22 14:27	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg		02/22/22 09:05	02/22/22 14:27	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		02/22/22 09:05	02/22/22 14:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130			02/22/22 09:05	02/22/22 14:27	1
o-Terphenyl	81		70 - 130			02/22/22 09:05	02/22/22 14:27	1
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: SS10

Lab Sample ID: 890-1977-4

Date Collected: 02/16/22 10:34

Matrix: Solid

Date Received: 02/17/22 16:32

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/24/22 08:00	03/01/22 07:16	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/24/22 08:00	03/01/22 07:16	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/24/22 08:00	03/01/22 07:16	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		02/24/22 08:00	03/01/22 07:16	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/24/22 08:00	03/01/22 07:16	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		02/24/22 08:00	03/01/22 07:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130			02/24/22 08:00	03/01/22 07:16	1
1,4-Difluorobenzene (Surr)	99		70 - 130			02/24/22 08:00	03/01/22 07:16	1
Method: Total BTEX - Total BTEX	(Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			03/01/22 19:21	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)						
Method: 8015 NM - Diesel Range Analyte	•	O) (GC) Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
_	•	Qualifier	RL	Unit mg/Kg	D	Prepared	Analyzed 02/28/22 20:00	Dil Fac
Analyte Total TPH	Result <50.0	Qualifier U			<u>D</u>	Prepared		
Analyte	Result <50.0	Qualifier U			<u>D</u>	Prepared Prepared		1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	Result <50.0	Qualifier U RO) (GC) Qualifier	50.0	mg/Kg			02/28/22 20:00	1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0 Ge Organics (Dige Result	Qualifier U RO) (GC) Qualifier U	50.0	mg/Kg		Prepared	02/28/22 20:00 Analyzed	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <50.0	Qualifier U RO) (GC) Qualifier U	50.0 RL 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 02/22/22 09:05 02/22/22 09:05	02/28/22 20:00 Analyzed 02/22/22 14:48 02/22/22 14:48	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	Result <50.0 Ge Organics (Dige Result <50.0	Qualifier U RO) (GC) Qualifier U	50.0 RL 50.0	mg/Kg Unit mg/Kg		Prepared 02/22/22 09:05	02/28/22 20:00 Analyzed 02/22/22 14:48	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <50.0	Qualifier U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 02/22/22 09:05 02/22/22 09:05	02/28/22 20:00 Analyzed 02/22/22 14:48 02/22/22 14:48	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <50.0	Qualifier U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 02/22/22 09:05 02/22/22 09:05 02/22/22 09:05	02/28/22 20:00 Analyzed 02/22/22 14:48 02/22/22 14:48	1 Dil Fac 1 1

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Client Sample Results

Client: WSP USA Inc.

Job ID: 890-1977-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000task14.02

Client Sample ID: SS10 Lab Sample ID: 890-1977-4 Date Collected: 02/16/22 10:34

Matrix: Solid Date Received: 02/17/22 16:32

Sample Depth: 0.5

Method: 300.0 - Anions, Ion Chrom	atography -	Soluble						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.87		4.98	mg/Kg			02/22/22 18:42	1

Client Sample ID: SS11 Lab Sample ID: 890-1977-5

Date Collected: 02/16/22 10:44

Date Received: 02/17/22 16:32

Sample Depth: 0.5

Method: 8021B - Volatile Organic	Compounds (GC)						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00201	U	0.00201	mg/Kg		02/24/22 08:00	03/01/22 07:37	
Toluene	<0.00201	U	0.00201	mg/Kg		02/24/22 08:00	03/01/22 07:37	
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/24/22 08:00	03/01/22 07:37	
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		02/24/22 08:00	03/01/22 07:37	
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/24/22 08:00	03/01/22 07:37	
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		02/24/22 08:00	03/01/22 07:37	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	101		70 - 130			02/24/22 08:00	03/01/22 07:37	
1,4-Difluorobenzene (Surr)	99		70 - 130			02/24/22 08:00	03/01/22 07:37	
Method: Total BTEX - Total BTEX	Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00402	U	0.00402	mg/Kg			03/01/22 19:21	
Method: 8015 NM - Diesel Range	Organics (DR)	O) (GC)						
Analyte	•	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.0	U	50.0	mg/Kg			02/28/22 20:00	
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)						
Analyte	•	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		02/22/22 09:05	02/22/22 16:09	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/22/22 09:05	02/22/22 16:09	
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/22/22 09:05	02/22/22 16:09	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
1-Chlorooctane	63	S1-	70 - 130			02/22/22 09:05	02/22/22 16:09	-
o-Terphenyl	70		70 - 130			02/22/22 09:05	02/22/22 16:09	
Method: 300.0 - Anions, Ion Chro	matography -	Soluble						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa

Client Sample Results

Client: WSP USA Inc.

Job ID: 890-1977-1

Project/Site: EVGSAU Satellite 3

SDG: 31403720.000task14.02

Client Sample ID: SS12

Lab Sample ID: 890-1977-6

Date Collected: 02/16/22 10:46 Date Received: 02/17/22 16:32

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00198	U	0.00198	mg/Kg		02/24/22 08:00	03/01/22 07:57	
Toluene	<0.00198	U	0.00198	mg/Kg		02/24/22 08:00	03/01/22 07:57	
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/24/22 08:00	03/01/22 07:57	
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		02/24/22 08:00	03/01/22 07:57	
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/24/22 08:00	03/01/22 07:57	
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		02/24/22 08:00	03/01/22 07:57	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	94		70 - 130			02/24/22 08:00	03/01/22 07:57	
1,4-Difluorobenzene (Surr)	96		70 - 130			02/24/22 08:00	03/01/22 07:57	
Method: Total BTEX - Total BTEX	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00396	U	0.00396	mg/Kg			03/01/22 19:21	
_					_			
Method: 8015 NM - Diesel Range Analyte	Result	Qualifier	RL	Unit	<u>D</u>	Prepared	Analyzed	
Analyte			RL 50.0	Unitmg/Kg	<u>D</u>	Prepared	Analyzed 02/28/22 20:00	
Analyte Total TPH	Result 55.7	Qualifier			<u>D</u>	Prepared		
Analyte Total TPH Method: 8015B NM - Diesel Rang	Result 55.7 ge Organics (Di	Qualifier			D	Prepared Prepared		
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	Result 55.7 ge Organics (Di	Qualifier RO) (GC) Qualifier	50.0	mg/Kg			02/28/22 20:00	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 55.7 ge Organics (Di Result	Qualifier RO) (GC) Qualifier	50.0	mg/Kg		Prepared	02/28/22 20:00 Analyzed	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 55.7 ge Organics (Di Result <50.0	Qualifier RO) (GC) Qualifier U	50.0 RL 50.0	mg/Kg Unit mg/Kg		Prepared 02/22/22 09:05	02/28/22 20:00 Analyzed 02/22/22 16:30	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result	Qualifier RO) (GC) Qualifier U	50.0 RL 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 02/22/22 09:05 02/22/22 09:05	02/28/22 20:00 Analyzed 02/22/22 16:30 02/22/22 16:30	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result	Qualifier RO) (GC) Qualifier U	50.0 RL 50.0 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 02/22/22 09:05 02/22/22 09:05	02/28/22 20:00 Analyzed 02/22/22 16:30 02/22/22 16:30 02/22/22 16:30	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier RO) (GC) Qualifier U	50.0 RL 50.0 50.0 50.0 Limits	mg/Kg Unit mg/Kg mg/Kg		Prepared 02/22/22 09:05 02/22/22 09:05 02/22/22 09:05 Prepared	02/28/22 20:00 Analyzed 02/22/22 16:30 02/22/22 16:30 02/22/22 16:30 Analyzed	Dil Fa
_	Result	Qualifier RO) (GC) Qualifier U Qualifier S1-	50.0 RL 50.0 50.0 50.0 Limits 70 - 130	mg/Kg Unit mg/Kg mg/Kg		Prepared 02/22/22 09:05 02/22/22 09:05 02/22/22 09:05 Prepared 02/22/22 09:05	02/28/22 20:00 Analyzed 02/22/22 16:30 02/22/22 16:30 Analyzed 02/22/22 16:30	Dil Fa
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier RO) (GC) Qualifier U Qualifier S1-	50.0 RL 50.0 50.0 50.0 Limits 70 - 130	mg/Kg Unit mg/Kg mg/Kg		Prepared 02/22/22 09:05 02/22/22 09:05 02/22/22 09:05 Prepared 02/22/22 09:05	02/28/22 20:00 Analyzed 02/22/22 16:30 02/22/22 16:30 Analyzed 02/22/22 16:30	Dil Fa

Surrogate Summary

Client: WSP USA Inc.

Job ID: 890-1977-1

Project/Site: EVGSAU Satellite 3

SDG: 31403720.000task14.02

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-1965-A-1-F MS	Matrix Spike	110	94	
890-1965-A-1-G MSD	Matrix Spike Duplicate	107	100	
890-1977-1	SS07	121	95	
890-1977-2	SS08	103	94	
890-1977-3	SS09	98	92	
890-1977-4	SS10	96	99	
890-1977-5	SS11	101	99	
890-1977-6	SS12	94	96	
LCS 880-19818/1-A	Lab Control Sample	100	100	
LCSD 880-19818/2-A	Lab Control Sample Dup	98	101	
MB 880-19818/5-A	Method Blank	97	96	
MB 880-20211/5-A	Method Blank	95	96	

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limit
		1CO1	OTPH1	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
90-1971-A-1-C MS	Matrix Spike	71	78	
90-1971-A-1-D MSD	Matrix Spike Duplicate	71	67 S1-	
90-1972-A-1-F MS	Matrix Spike	70	60 S1-	
00-1972-A-1-G MSD	Matrix Spike Duplicate	72	61 S1-	
0-1977-1	SS07	78	81	
0-1977-2	SS08	81	85	
0-1977-3	SS09	71	81	
)-1977-4	SS10	72	82	
)-1977-5	SS11	63 S1-	70	
0-1977-6	SS12	64 S1-	70	
S 880-20026/2-A	Lab Control Sample	101	106	
CSD 880-20026/3-A	Lab Control Sample Dup	100	106	
B 880-20026/1-A	Method Blank	75	91	

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

-				Percent Surrogate Re
		1CO2	OTPH2	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
LCS 880-19894/2-A	Lab Control Sample	96	100	
LCSD 880-19894/3-A	Lab Control Sample Dup	88	104	
MB 880-19894/1-A	Method Blank	79	86	
Surrogate Legend				

Surrogate Summary

Client: WSP USA Inc.

Project/Site: EVGSAU Satellite 3

1CO = 1-Chlorooctane OTPH = o-Terphenyl Job ID: 890-1977-1 SDG: 31403720.000task14.02

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Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-19818/5-A

Analysis Batch: 20400

Matrix: Solid

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 19818

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/24/22 08:00	02/28/22 23:32	•
Toluene	<0.00200	U	0.00200	mg/Kg		02/24/22 08:00	02/28/22 23:32	
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/24/22 08:00	02/28/22 23:32	
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/24/22 08:00	02/28/22 23:32	
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/24/22 08:00	02/28/22 23:32	
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/24/22 08:00	02/28/22 23:32	

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepare	d Analyz	zed Dil Fac	
4-Bromofluorobenzene (Surr)	97		70 - 130	02/24/22 0	8:00 02/28/22	23:32 1	
1,4-Difluorobenzene (Surr)	96		70 - 130	02/24/22 0	8:00 02/28/22	23:32 1	

Lab Sample ID: LCS 880-19818/1-A

Matrix: Solid

Analysis Batch: 20400

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 19818

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1102		mg/Kg		110	70 - 130	
Toluene	0.100	0.1021		mg/Kg		102	70 - 130	
Ethylbenzene	0.100	0.1029		mg/Kg		103	70 - 130	
m-Xylene & p-Xylene	0.200	0.2346		mg/Kg		117	70 - 130	
o-Xylene	0.100	0.1157		mg/Kg		116	70 - 130	

LCS LCS

Surrogate	%Recovery G	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-19818/2-A

Matrix: Solid

Analysis Batch: 20400

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 19818

	Spike	LCSD	LCSD				%Rec.		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1092		mg/Kg		109	70 - 130	1	35	
Toluene	0.100	0.09963		mg/Kg		100	70 - 130	2	35	
Ethylbenzene	0.100	0.09835		mg/Kg		98	70 - 130	5	35	
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	4	35	
o-Xylene	0.100	0.1099		mg/Kg		110	70 - 130	5	35	

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1.4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-1965-A-1-F MS

Matrix: Solid

Analysis Batch: 20400

Client Sample ID: Matrix Spike Prep Type: Total/NA

Prep Batch: 19818

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U F1	0.0996	0.04902	F1	mg/Kg		49	70 - 130	
Toluene	< 0.00199	U F1	0.0996	0.05235	F1	mg/Kg		52	70 - 130	

Eurofins Carlsbad

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QC Sample Results

Client: WSP USA Inc. Job ID: 890-1977-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000task14.02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-1965-A-1-F MS Client Sample ID: Matrix Spike **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 20400 Prep Batch: 19818

	Sample	Sample	Бріке	IVIO	IVIS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00199	U F1	0.0996	0.05893	F1	mg/Kg		58	70 - 130	
m-Xylene & p-Xylene	<0.00398	U F1	0.199	0.1369	F1	mg/Kg		69	70 - 130	
o-Xylene	<0.00199	U	0.0996	0.07178		mg/Kg		72	70 - 130	

MS MS Surrogate %Recovery Qualifier Limits 70 - 130 4-Bromofluorobenzene (Surr) 110 1,4-Difluorobenzene (Surr) 70 - 130 94

Lab Sample ID: 890-1965-A-1-G MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid Prep Type: Total/NA **Analysis Batch: 20400** Prep Batch: 19818

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U F1	0.0990	0.05903	F1	mg/Kg		60	70 - 130	19	35
Toluene	<0.00199	U F1	0.0990	0.05664	F1	mg/Kg		57	70 - 130	8	35
Ethylbenzene	<0.00199	U F1	0.0990	0.06109	F1	mg/Kg		61	70 - 130	4	35
m-Xylene & p-Xylene	<0.00398	U F1	0.198	0.1402		mg/Kg		71	70 - 130	2	35
o-Xylene	<0.00199	U	0.0990	0.07240		mg/Kg		73	70 - 130	1	35

MSD MSD Surrogate Qualifier Limits %Recovery 70 - 130 4-Bromofluorobenzene (Surr) 107 1,4-Difluorobenzene (Surr) 70 - 130 100

Lab Sample ID: MB 880-20211/5-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 20400 Prep Batch: 20211 MR MR

	MID	IVID						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/24/22 11:19	02/28/22 10:45	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/24/22 11:19	02/28/22 10:45	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/24/22 11:19	02/28/22 10:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/24/22 11:19	02/28/22 10:45	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/24/22 11:19	02/28/22 10:45	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/24/22 11:19	02/28/22 10:45	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	02/24/22 11:19	02/28/22 10:45	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/24/22 11:19	02/28/22 10:45	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-19894/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 19888** Prep Batch: 19894

мв мв Result Qualifier RL Unit Prepared Gasoline Range Organics <50.0 U 50.0 mg/Kg 02/21/22 08:32 02/21/22 11:22

(GRO)-C6-C10

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-19894/1-A

Matrix: Solid

Analysis Batch: 19888

MB MB

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19894

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/21/22 08:32	02/21/22 11:22	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/21/22 08:32	02/21/22 11:22	1
	МВ	MB						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130			02/21/22 08:32	02/21/22 11:22	1
o-Terphenvl	86		70 - 130			02/21/22 08:32	02/21/22 11:22	1

Lab Sample ID: LCS 880-19894/2-A **Client Sample ID: Lab Control Sample** Matrix: Solid Prep Type: Total/NA Analysis Batch: 19888 Prep Batch: 19894 LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics 1000 832.2 83 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 791.6 mg/Kg 79 70 - 130

C10-C28)			
	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	100		70 - 130

Lab Sample ID: LCSD 880-19894/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 19888

Prep Batch: 19894

 Spike
 LCSD
 LCSD
 KRec.
 RPD

 nalyte
 Added
 Result
 Qualifier
 Unit
 D
 %Rec
 Limits
 RPD
 Limit

 asoline Range Organics
 1000
 812.8
 mg/Kg
 81
 70 - 130
 2
 20

Analyte		Added	Result	Qualifier	Unit	ט	%Rec	Limits	RPD	Limit
Gasoline Range Organics		1000	812.8		mg/Kg		81	70 - 130	2	20
(GRO)-C6-C10										
Diesel Range Organics (Over		1000	829.3		mg/Kg		83	70 - 130	5	20
C10-C28)										
	ICSD ICSD									

	LCSD	LUSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	88		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: 890-1971-A-1-C MS

Client Sample ID: Matrix Spike

Matrix: Solid Prep Type: Total/NA
Analysis Batch: 19888 Prep Batch: 19894

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<50.0	U	1000	993.5		mg/Kg		98	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	<50.0	U	1000	1190		mg/Kg		119	70 - 130	
C10 C20)										

C10-C28)			
	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	71		70 - 130
o-Terphenyl	78		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-1971-A-1-D MSD

Matrix: Solid

Analysis Batch: 19888

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 19894

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<50.0	U	998	1028		mg/Kg		101	70 - 130	3	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<50.0	U	998	1177		mg/Kg		118	70 - 130	1	20
C40 C20\											

C10-C28)

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	71		70 - 130
o-Terphenyl	67	S1-	70 - 130

Lab Sample ID: MB 880-20026/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 20030

Prep Type: Total/NA Prep Batch: 20026

мв мв

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		02/22/22 09:05	02/22/22 11:45	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		02/22/22 09:05	02/22/22 11:45	1
C10-C28)								
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/22/22 09:05	02/22/22 11:45	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75	70 - 130	02/22/22 09:05	02/22/22 11:45	1
o-Terphenyl	91	70 - 130	02/22/22 09:05	02/22/22 11:45	1

Lab Sample ID: LCS 880-20026/2-A

Matrix: Solid

Analysis Batch: 20030

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 20026

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	849.9		mg/Kg		85	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1050		mg/Kg		105	70 - 130	
C10-C28)								

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: LCSD 880-20026/3-A

Matrix: Solid

Analysis Batch: 20030

Client Sample ID: Lab Control Sample Dup
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Prep Type: Total/NA

Prep Batch: 20026

	Spike	LCSD	LCSD				%Rec.		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	802.5		mg/Kg		80	70 - 130	6	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	986.2		mg/Kg		99	70 - 130	6	20	
C10-C28)										

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-20026/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid
Analysis Batch: 20030
Prep Type: Total/NA
Prep Batch: 20026

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: 890-1972-A-1-F MS Client Sample ID: Matrix Spike

Matrix: Solid Prep Type: Total/NA

Analysis Batch: 20030 Prep Batch: 20026

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1225		mg/Kg		123	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1240		mg/Kg		122	70 - 130	

	IVIS	IVIS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	70		70 - 130
o-Terphenyl	60	S1-	70 - 130

Lab Sample ID: 890-1972-A-1-G MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid
Analysis Batch: 20030
Prep Type: Total/NA
Prep Batch: 20026

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1256		mg/Kg		126	70 - 130	2	20
Diesel Range Organics (Over	<50.0	U	998	1271		mg/Kg		126	70 - 130	2	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	72		70 - 130
o-Terphenyl	61	S1-	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-19898/1-A

Matrix: Solid

Client Sample ID: Method Blank
Prep Type: Soluble

Analysis Batch: 19941

Analysis Batch. 19941								
	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			02/22/22 17:13	1

Lab Sample ID: LCS 880-19898/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 19941

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	257.8		mg/Kg	_	103	90 - 110	

QC Sample Results

Client: WSP USA Inc.

Job ID: 890-1977-1

Project/Site: EVGSAU Satellite 3

SDG: 31403720.000task14.02

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-19898/3-A

Client Sample ID: Lab Control Sample Dup
Matrix: Solid

Prep Type: Soluble

Analysis Batch: 19941

Spike LCSD LCSD %Rec. RPD Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 258.5 mg/Kg 103 90 - 110

Lab Sample ID: 890-1978-A-1-F MS

Client Sample ID: Matrix Spike

Matrix: Solid Prep Type: Soluble

Analysis Batch: 19941

Sample Sample Spike MS MS %Rec. Result Qualifier Added Analyte Result Qualifier Unit D %Rec Limits Chloride 491 F1 252 809.2 F1 mg/Kg 126 90 - 110

Lab Sample ID: 890-1978-A-1-G MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid Prep Type: Soluble

Analysis Batch: 19941

MSD MSD %Rec. RPD Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit Limits **RPD** Limit Chloride 491 F1 252 834.6 F1 136 90 - 110 20 mg/Kg

Client: WSP USA Inc. Job ID: 890-1977-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000task14.02

GC VOA

Prep Batch: 19818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1977-1	SS07	Total/NA	Solid	5035	
890-1977-2	SS08	Total/NA	Solid	5035	
890-1977-3	SS09	Total/NA	Solid	5035	
890-1977-4	SS10	Total/NA	Solid	5035	
890-1977-5	SS11	Total/NA	Solid	5035	
890-1977-6	SS12	Total/NA	Solid	5035	
MB 880-19818/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-19818/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-19818/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1965-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
890-1965-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 20211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-20211/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 20400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1977-1	SS07	Total/NA	Solid	8021B	19818
890-1977-2	SS08	Total/NA	Solid	8021B	19818
890-1977-3	SS09	Total/NA	Solid	8021B	19818
890-1977-4	SS10	Total/NA	Solid	8021B	19818
890-1977-5	SS11	Total/NA	Solid	8021B	19818
890-1977-6	SS12	Total/NA	Solid	8021B	19818
MB 880-19818/5-A	Method Blank	Total/NA	Solid	8021B	19818
MB 880-20211/5-A	Method Blank	Total/NA	Solid	8021B	20211
LCS 880-19818/1-A	Lab Control Sample	Total/NA	Solid	8021B	19818
LCSD 880-19818/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	19818
890-1965-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	19818
890-1965-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	19818

Analysis Batch: 20636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1977-1	SS07	Total/NA	Solid	Total BTEX	
890-1977-2 890-1977-3	SS08 SS09	Total/NA Total/NA	Solid Solid	Total BTEX Total BTEX	
890-1977-4	SS10	Total/NA	Solid	Total BTEX	
890-1977-5	SS11	Total/NA	Solid	Total BTEX	
890-1977-6	SS12	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 19888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1977-1	SS07	Total/NA	Solid	8015B NM	19894
890-1977-2	SS08	Total/NA	Solid	8015B NM	19894
MB 880-19894/1-A	Method Blank	Total/NA	Solid	8015B NM	19894
LCS 880-19894/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	19894
LCSD 880-19894/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	19894
890-1971-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	19894
890-1971-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	19894

Client: WSP USA Inc.

Job ID: 890-1977-1

Project/Site: EVGSAU Satellite 3

SDG: 31403720.000task14.02

GC Semi VOA

Prep Batch: 19894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1977-1	SS07	Total/NA	Solid	8015NM Prep	
890-1977-2	SS08	Total/NA	Solid	8015NM Prep	
MB 880-19894/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-19894/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-19894/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1971-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1971-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 20026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1977-3	SS09	Total/NA	Solid	8015NM Prep	
890-1977-4	SS10	Total/NA	Solid	8015NM Prep	
890-1977-5	SS11	Total/NA	Solid	8015NM Prep	
890-1977-6	SS12	Total/NA	Solid	8015NM Prep	
MB 880-20026/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-20026/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-20026/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1972-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1972-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 20030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1977-3	SS09	Total/NA	Solid	8015B NM	20026
890-1977-4	SS10	Total/NA	Solid	8015B NM	20026
890-1977-5	SS11	Total/NA	Solid	8015B NM	20026
890-1977-6	SS12	Total/NA	Solid	8015B NM	20026
MB 880-20026/1-A	Method Blank	Total/NA	Solid	8015B NM	20026
LCS 880-20026/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	20026
LCSD 880-20026/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	20026
890-1972-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	20026
890-1972-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	20026

Analysis Batch: 20075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1977-1	SS07	Total/NA	Solid	8015 NM	
890-1977-2	SS08	Total/NA	Solid	8015 NM	

Analysis Batch: 20572

Lab Sample ID 890-1977-3	Client Sample ID SS09	Prep Type Total/NA	Matrix Solid	Method Prep Batch 8015 NM
890-1977-4	SS10	Total/NA	Solid	8015 NM
890-1977-5	SS11	Total/NA	Solid	8015 NM
890-1977-6	SS12	Total/NA	Solid	8015 NM

HPLC/IC

Leach Batch: 19898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1977-1	SS07	Soluble	Solid	DI Leach	
890-1977-2	SS08	Soluble	Solid	DI Leach	
890-1977-3	SS09	Soluble	Solid	DI Leach	

 Client: WSP USA Inc.
 Job ID: 890-1977-1

 Project/Site: EVGSAU Satellite 3
 SDG: 31403720.000task14.02

HPLC/IC (Continued)

Leach Batch: 19898 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1977-4	SS10	Soluble	Solid	DI Leach	
890-1977-5	SS11	Soluble	Solid	DI Leach	
890-1977-6	SS12	Soluble	Solid	DI Leach	
MB 880-19898/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-19898/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-19898/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1978-A-1-F MS	Matrix Spike	Soluble	Solid	DI Leach	
890-1978-A-1-G MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 19941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1977-1	SS07	Soluble	Solid	300.0	19898
890-1977-2	SS08	Soluble	Solid	300.0	19898
890-1977-3	SS09	Soluble	Solid	300.0	19898
890-1977-4	SS10	Soluble	Solid	300.0	19898
890-1977-5	SS11	Soluble	Solid	300.0	19898
890-1977-6	SS12	Soluble	Solid	300.0	19898
MB 880-19898/1-A	Method Blank	Soluble	Solid	300.0	19898
LCS 880-19898/2-A	Lab Control Sample	Soluble	Solid	300.0	19898
LCSD 880-19898/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	19898
890-1978-A-1-F MS	Matrix Spike	Soluble	Solid	300.0	19898
890-1978-A-1-G MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	19898

Client: WSP USA Inc.

Job ID: 890-1977-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000task14.02

Client Sample ID: SS07

Date Collected: 02/16/22 10:22 Date Received: 02/17/22 16:32

Lab Sample ID: 890-1977-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	19818	02/24/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20400	03/01/22 06:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20636	03/01/22 19:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20075	02/22/22 15:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	19894	02/21/22 08:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19888	02/21/22 15:53	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	19898	02/21/22 09:19	CH	XEN MID
Soluble	Analysis	300.0		1			19941	02/22/22 18:10	CH	XEN MID

Client Sample ID: SS08 Lab Sample ID: 890-1977-2

Date Collected: 02/16/22 10:26

Date Received: 02/17/22 16:32

Matrix: Solid

XEN MID

Matrix: Solid

Dil Initial Final Batch Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA Prep 5035 4.97 g 5 mL 19818 02/24/22 08:00 KL XEN MID 8021B 03/01/22 06:35 Total/NA Analysis 1 5 mL 5 mL 20400 MR XEN MID Total/NA Total BTEX 20636 03/01/22 19:21 Analysis A.I XEN MID 1 Total/NA Analysis 8015 NM 20075 02/22/22 15:50 XEN MID Total/NA 8015NM Prep 10.00 g 19894 02/21/22 08:32 DM XEN MID Prep 10 mL Total/NA Analysis 8015B NM 19888 02/21/22 16:14 AJ XEN MID Soluble 19898 DI Leach 5.03 g 50 mL 02/21/22 09:19 CH **XEN MID** Leach

Client Sample ID: SS09 Lab Sample ID: 890-1977-3

19941

02/22/22 18:29

CH

1

Date Collected: 02/16/22 10:30 Date Received: 02/17/22 16:32

Analysis

300.0

Soluble

Dil Batch Batch Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA Prep 5035 5.03 g 5 mL 19818 02/24/22 08:00 KL XEN MID Total/NA Analysis 8021B 5 mL 5 mL 20400 03/01/22 06:56 MR XEN MID Total/NA Total BTEX 20636 03/01/22 19:21 XEN MID Analysis 1 A.I Total/NA Analysis 8015 NM 20572 02/28/22 20:00 ΑJ XEN MID Total/NA Prep 8015NM Prep 10.03 g 10 mL 20026 02/22/22 09:05 DM XEN MID Total/NA 8015B NM 20030 02/22/22 14:27 XEN MID Analysis 1 Soluble DI Leach 5.05 g 50 mL 19898 02/21/22 09:19 CH XEN MID Leach Soluble Analysis 300.0 19941 02/22/22 18:35 СН XEN MID

Lab Sample ID: 890-1977-4 **Client Sample ID: SS10**

Date Collected: 02/16/22 10:34 Date Received: 02/17/22 16:32

Г										
	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	19818	02/24/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20400	03/01/22 07:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20636	03/01/22 19:21	AJ	XEN MID

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Page 21 of 29

Matrix: Solid

Client: WSP USA Inc.

Job ID: 890-1977-1

SDG: 31403720.000task14.02

Client Sample ID: SS10

Lab Sample ID: 890-1977-4

Matrix: Solid

Matrix: Solid

Date Collected: 02/16/22 10:34 Date Received: 02/17/22 16:32

Project/Site: EVGSAU Satellite 3

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			20572	02/28/22 20:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20026	02/22/22 09:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20030	02/22/22 14:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	19898	02/21/22 09:19	CH	XEN MID
Soluble	Analysis	300.0		1			19941	02/22/22 18:42	CH	XEN MID

Client Sample ID: SS11 Lab Sample ID: 890-1977-5

Date Collected: 02/16/22 10:44 **Matrix: Solid**

Date Received: 02/17/22 16:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	19818	02/24/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20400	03/01/22 07:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20636	03/01/22 19:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20572	02/28/22 20:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	20026	02/22/22 09:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20030	02/22/22 16:09	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	19898	02/21/22 09:19	CH	XEN MID
Soluble	Analysis	300.0		1			19941	02/22/22 18:48	CH	XEN MID

Client Sample ID: SS12 Lab Sample ID: 890-1977-6

Date Collected: 02/16/22 10:46 Date Received: 02/17/22 16:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	19818	02/24/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20400	03/01/22 07:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20636	03/01/22 19:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20572	02/28/22 20:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	20026	02/22/22 09:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20030	02/22/22 16:30	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	19898	02/21/22 09:19	CH	XEN MID
Soluble	Analysis	300.0		1			19941	02/22/22 18:54	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: WSP USA Inc. Job ID: 890-1977-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000task14.02

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority		rogram	Identification Number	Expiration Date
Texas	N	ELAP	T104704400-21-22	06-30-22
The following analytes are the agency does not offer	. ,	ut the laboratory is not certifi	ied by the governing authority. This list ma	y include analytes for which
Analysis Method	Prep Method	Matrix	Analyte	
8015 NM		Solid	Total TPH	
Total BTEX		Solid	Total BTEX	

Method Summary

Client: WSP USA Inc.

Job ID: 890-1977-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000task14.02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Sample Summary

Client: WSP USA Inc.

Project/Site: EVGSAU Satellite 3

Job ID: 890-1977-1

SDG: 31403720.000task14.02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1977-1	SS07	Solid	02/16/22 10:22	02/17/22 16:32	0.5
890-1977-2	SS08	Solid	02/16/22 10:26	02/17/22 16:32	0.5
890-1977-3	SS09	Solid	02/16/22 10:30	02/17/22 16:32	0.5
890-1977-4	SS10	Solid	02/16/22 10:34	02/17/22 16:32	0.5
890-1977-5	SS11	Solid	02/16/22 10:44	02/17/22 16:32	0.5
890-1977-6	SS12	Solid	02/16/22 10:46	02/17/22 16:32	0.5

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3			Una	Chain of Custody	ISTODY	Work Order No:	
LABCRATORIES		Houston,TX (281) 24 Midland,TX (432-7)	40-4200 Dallas,T) 04-5440) EL Pasc	x (214) 902-0300 o,TX (915)585-34	Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334 Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296		
	Hobbs,NN	(575-392-7550) Pho	enix,AZ (480-355-	0900) Atlanta,GA	Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)	WW	
Project Manager: Kalei Jennings		Bill to: (if different)	different) Kale	Kalei Jennings		Work Order Comm	
		Company Name:		WSP USA	Prog	Program: UST/PST PRP Brownfields	RC Buperfund □
Address: 3300 North A Street		Address:	3300	3300 North A Street]	
te ZIP:		City, State ZIP:		Midland, Texas 79705		Level III ST/UST	- LRRP LIvel IV
Phone: 432 704 5178		Email: Kalei.Jennings@wsp.com	nnings@wsp.c	om	Deli	Deliverables: EDD ADaPT	Other:
Project Name: EVGSAU Satellite 3		Turn Around	a.		ANALYSIS REQUEST	W	Work Order Notes
er:	Task 14.02	Routine 🗹					
9.0. Number:		Rush:					
Sampler's Name: Mercy Rotich.		Due Date:					
SAMPLE RECEIPT Temp Blank:	Yes No	Wet Ice: Yes N	8				
Temperature (°C): $3.0/2.8$		Thermometer ID	ners))			
Yes N	-Mm-	00',		-	890-1977 Chain of Custody		the design of by the
Sample Custody Seals: Yes No NA	Total C	Total Containers:		+		lat	lab, if received by 4:30pm
Sample Identification Matrix	Date Sampled	Time Depth	Numbe	BTEX (E		y y	Sample Comments
SS07 S	02/16/22	10:22 0.5	_	\vdash			Discrete
SS08 S	02/16/22	10:26 0.5'	1 ×	×			Discrete
	02/16/22		1 ×	×			Discrete
SS10 S	02/16/22		1 ×	×			Discrete
SS11 S	02/16/22	10:44 0.5'	1 ×	×			Discrete
SS12 S		10:46 0.5'	1 ×	×			Discrete
Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed	8	13PPM	පි පි	As Ba Be B As Ba Be C	Cd Ca Cr Co Cu Fe d Cr Co Cu Pb Mn M	Mo Ni K Se Ag SiO2 TI U	Na Sr Tl Sn U V Zn 1631 / 245.1 / 7470 / 7471 : Hg
otice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control	f samples constitutes les and shall not assu	a valid purchase order me any responsibility fo	from client compar or any losses or exp	ny to Xenco, its affi penses incurred by	liates and subcontractors. It assigns stands the client if such losses are due to circums	t assigns standard terms and conditions due to circumstances beyond the control	
Relinquished by: (Signature)	Received by: (Signature)	(Signature)	Dat	Date/Time	Date/Time Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Markey			2/17/	17/27 4:322			
					4		
					6		

089 N Canal St

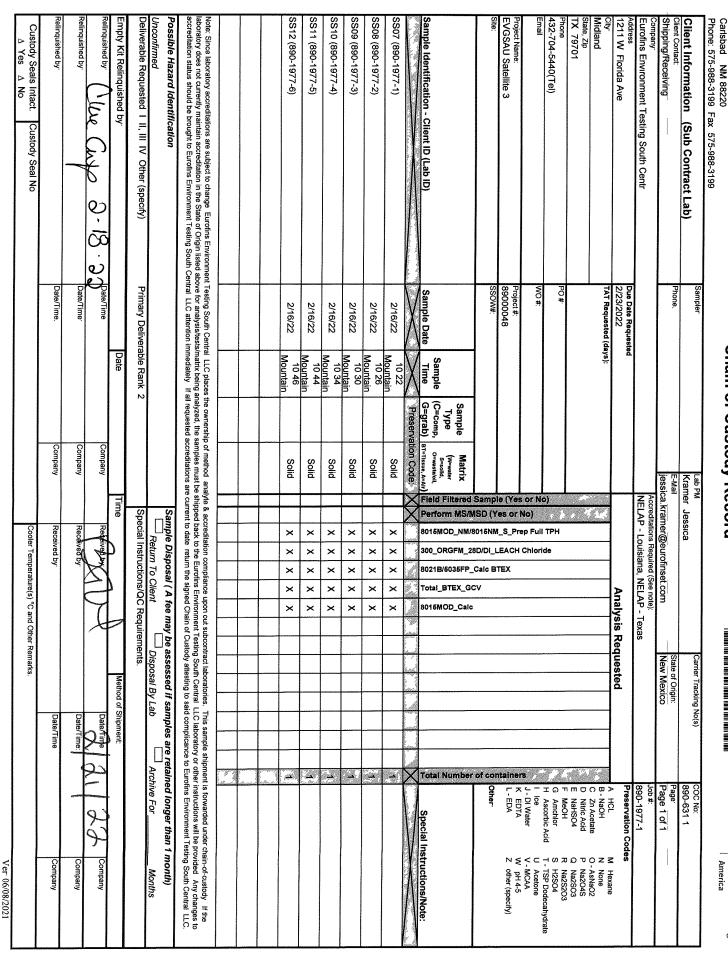
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Chain of Custody Record

💸 eurofins 🏻

Environment Testing



Login Sample Receipt Checklist

Client: WSP USA Inc. Job Number: 890-1977-1 SDG Number: 31403720.000task14.02

Login Number: 1977 List Source: Eurofins Carlsbad

List Number: 1 Creator: Clifton, Cloe

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: WSP USA Inc. Job Number: 890-1977-1

SDG Number: 31403720.000task14.02

Login Number: 1977 **List Source: Eurofins Midland** List Number: 2 List Creation: 02/21/22 08:09 AM

Creator: Teel, Brianna

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	True	

<6mm (1/4").



Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-1998-1

Laboratory Sample Delivery Group: 31403720.00

Client Project/Site: EVGSAU Satellite 3

For:

WSP USA Inc. 2777 N. Stemmons Freeway Suite 1600 Dallas, Texas 75207

Attn: Kalei Jennings

J. KRAMER

Authorized for release by: 3/2/2022 7:22:39 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

.....LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: WSP USA Inc.

Project/Site: EVGSAU Satellite 3

Laboratory Job ID: 890-1998-1

SDG: 31403720.00

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Definitions/Glossary

Client: WSP USA Inc. Job ID: 890-1998-1 Project/Site: EVGSAU Satellite 3

SDG: 31403720.00

Qualifiers

GC VOA

Qualifier **Qualifier Description** S1+ Surrogate recovery exceeds control limits, high biased. U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description**

S1-Surrogate recovery exceeds control limits, low biased. S1+ Surrogate recovery exceeds control limits, high biased. Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report. Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid CFU Colony Forming Unit **CNF** Contains No Free Liquid

DFR Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor**

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

Decision Level Concentration (Radiochemistry) DLC

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level" MCL MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

Method Detection Limit MDL Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present PQL Practical Quantitation Limit

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) TEF Toxicity Equivalent Quotient (Dioxin) TEQ

TNTC Too Numerous To Count

Case Narrative

Client: WSP USA Inc. Job ID: 890-1998-1 Project/Site: EVGSAU Satellite 3

SDG: 31403720.00

Job ID: 890-1998-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-1998-1

Receipt

The samples were received on 2/22/2022 3:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.2°C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-20253/2-A) and (880-11670-A-1-D MS). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Matrix: Solid

Client: WSP USA Inc.

Project/Site: EVGSAU Satellite 3

Job ID: 890-1998-1

SDG: 31403720.00

Client Sample ID: SS13 Lab Sample ID: 890-1998-1

Date Collected: 02/22/22 10:32 Date Received: 02/22/22 15:10

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		02/28/22 07:30	02/28/22 16:50	1
Toluene	0.0324		0.00201	mg/Kg		02/28/22 07:30	02/28/22 16:50	1
Ethylbenzene	0.0265		0.00201	mg/Kg		02/28/22 07:30	02/28/22 16:50	1
m-Xylene & p-Xylene	0.0274		0.00402	mg/Kg		02/28/22 07:30	02/28/22 16:50	1
o-Xylene	0.124		0.00201	mg/Kg		02/28/22 07:30	02/28/22 16:50	1
Xylenes, Total	0.151		0.00402	mg/Kg		02/28/22 07:30	02/28/22 16:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130			02/28/22 07:30	02/28/22 16:50	1
1,4-Difluorobenzene (Surr)	90		70 - 130			02/28/22 07:30	02/28/22 16:50	1
Method: Total BTEX - Total BTEX	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.210		0.00402	mg/Kg			02/28/22 18:56	1
Method: 8015 NM - Diesel Range	Organice (DD	O) (GC)						
Analyte	•	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			02/25/22 15:07	1
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)						
Analyte	• •	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		02/24/22 15:51	02/25/22 01:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/24/22 15:51	02/25/22 01:31	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/24/22 15:51	02/25/22 01:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			02/24/22 15:51	02/25/22 01:31	1
a. Taurahana d	92		70 - 130			02/24/22 15:51	02/25/22 01:31	1
o-Terphenyl -								
o-rerprienyi Method: 300.0 - Anions, Ion Chr	omatography -	Soluble						
· ' '	0	Soluble Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: SS14 Lab Sample ID: 890-1998-2

Date Collected: 02/22/22 10:50 Date Received: 02/22/22 15:10

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/28/22 07:30	02/28/22 17:11	1
Toluene	0.00920		0.00198	mg/Kg		02/28/22 07:30	02/28/22 17:11	1
Ethylbenzene	0.0121		0.00198	mg/Kg		02/28/22 07:30	02/28/22 17:11	1
m-Xylene & p-Xylene	0.0283		0.00397	mg/Kg		02/28/22 07:30	02/28/22 17:11	1
o-Xylene	0.124		0.00198	mg/Kg		02/28/22 07:30	02/28/22 17:11	1
Xylenes, Total	0.152		0.00397	mg/Kg		02/28/22 07:30	02/28/22 17:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	185	S1+	70 - 130			02/28/22 07:30	02/28/22 17:11	1

Eurofins Carlsbad

Matrix: Solid

Client Sample Results

Client: WSP USA Inc. Job ID: 890-1998-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.00

Client Sample ID: SS14

60.7

Lab Sample ID: 890-1998-2

02/25/22 22:01

Matrix: Solid

Sample Depth: 0.5

Chloride

Date Collected: 02/22/22 10:50

Date Received: 02/22/22 15:10

Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130			02/28/22 07:30	02/28/22 17:11	1
Method: Total BTEX - Total BTE	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.174		0.00397	mg/Kg			02/28/22 18:56	1
Method: 8015 NM - Diesel Rang	e Organics (DR	O) (GC)						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	346		49.9	mg/Kg			02/25/22 15:07	1
Analyte Gasoline Range Organics	Result <49.9	Qualifier U	49.9	Mg/Kg	D	Prepared 02/25/22 17:17	Analyzed 02/26/22 20:37	Dil Fac
•								1
Diesel Range Organics (Over C10-C28)	144		49.9	mg/Kg		02/25/22 17:17	02/26/22 20:37	1
OII Range Organics (Over C28-C36)	202		49.9	mg/Kg		02/25/22 17:17	02/26/22 20:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130			02/25/22 17:17	02/26/22 20:37	1
o-Terphenyl	91		70 - 130			02/25/22 17:17	02/26/22 20:37	

4.96

mg/Kg

Surrogate Summary

Client: WSP USA Inc. Job ID: 890-1998-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.00

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Re
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-1998-1	SS13	124	90	
890-1998-2	SS14	185 S1+	75	
890-2012-A-1-A MS	Matrix Spike	104	101	
890-2012-A-1-B MSD	Matrix Spike Duplicate	103	100	
LCS 880-20209/1-A	Lab Control Sample	104	91	
LCSD 880-20209/2-A	Lab Control Sample Dup	102	100	
MB 880-20209/5-A	Method Blank	104	96	

BFB = 4-Bromofluorobenzene (Surr) DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
_ab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-11670-A-1-D MS	Matrix Spike	69 S1-	73	
880-11670-A-1-E MSD	Matrix Spike Duplicate	82	77	
80-11681-A-14-D MS	Matrix Spike	105	83	
80-11681-A-14-E MSD	Matrix Spike Duplicate	99	82	
90-1998-1	SS13	93	92	
90-1998-2	SS14	103	91	
CS 880-20367/2-A	Lab Control Sample	91	88	
CSD 880-20367/3-A	Lab Control Sample Dup	121	114	
ИВ 880-20367/1-A	Method Blank	108	114	

OTPH = o-Terphenyl

OTPH = o-Terphenyl

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO2	OTPH2	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
LCS 880-20253/2-A	Lab Control Sample	132 S1+	136 S1+	
LCSD 880-20253/3-A	Lab Control Sample Dup	113	128	
MB 880-20253/1-A	Method Blank	97	102	
Surrogate Legend				
1CO = 1-Chlorooctane				

Client: WSP USA Inc. Job ID: 890-1998-1 SDG: 31403720.00 Project/Site: EVGSAU Satellite 3

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-20209/5-A

Analysis Batch: 20398

Matrix: Solid

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 20209

	мв	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/28/22 07:30	02/28/22 10:40	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/28/22 07:30	02/28/22 10:40	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/28/22 07:30	02/28/22 10:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/28/22 07:30	02/28/22 10:40	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/28/22 07:30	02/28/22 10:40	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/28/22 07:30	02/28/22 10:40	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/28/22 07:30	02/28/22 10:40	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/28/22 07:30	02/28/22 10:40	1

Lab Sample ID: LCS 880-20209/1-A

Matrix: Solid

Analysis Batch: 20398

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 20209

	Бріке	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1070		mg/Kg		107	70 - 130	
Toluene	0.100	0.1082		mg/Kg		108	70 - 130	
Ethylbenzene	0.100	0.1075		mg/Kg		107	70 - 130	
m-Xylene & p-Xylene	0.200	0.2239		mg/Kg		112	70 - 130	
o-Xylene	0.100	0.1086		mg/Kg		109	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: LCSD 880-20209/2-A

Matrix: Solid

Analysis Batch: 20398

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 20209

	Spike	LCSD	LCSD				%Rec.		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1053		mg/Kg		105	70 - 130	2	35	
Toluene	0.100	0.1040		mg/Kg		104	70 - 130	4	35	
Ethylbenzene	0.100	0.1035		mg/Kg		104	70 - 130	4	35	
m-Xylene & p-Xylene	0.200	0.2164		mg/Kg		108	70 - 130	3	35	
o-Xylene	0.100	0.1050		mg/Kg		105	70 - 130	3	35	

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1.4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-2012-A-1-A MS

Matrix: Solid

Analysis Batch: 20398

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 20209

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U	0.101	0.1055		mg/Kg		104	70 - 130	
Toluene	< 0.00199	U	0.101	0.1036		mg/Kg		102	70 - 130	

QC Sample Results

Client: WSP USA Inc. Job ID: 890-1998-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.00

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-2012-A-1-A MS Client Sample ID: Matrix Spike Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 20398

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00199	U	0.101	0.1034		mg/Kg		102	70 - 130	
m-Xylene & p-Xylene	<0.00398	U	0.202	0.2161		mg/Kg		106	70 - 130	
o-Xylene	<0.00199	U	0.101	0.1046		mg/Kg		104	70 - 130	

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	104	70 - 130
1,4-Difluorobenzene (Surr)	101	70 - 130

Lab Sample ID: 890-2012-A-1-B MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 20398

Prep Type: Total/NA

Prep Batch: 20209

Prep Batch: 20209 RPD

Sample Sample Spike MSD MSD %Rec. Result Qualifier Added Result Qualifier %Rec RPD Limit Analyte Unit Limits 0.100 Benzene <0.00199 U 0.1087 mg/Kg 108 70 - 130 3 35 Toluene <0.00199 U 0.100 0.1072 mg/Kg 107 70 - 130 3 35 Ethylbenzene <0.00199 U 0.100 0.1069 106 70 - 130 3 35 mg/Kg 0.200 70 - 130 35 m-Xylene & p-Xylene <0.00398 U 0.2227 mg/Kg 111 3 0.100 <0.00199 U 0.1082 70 - 130 o-Xylene mg/Kg 108 3

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-20253/1-A **Matrix: Solid**

Analysis Batch: 20195

Client Sample ID: Method Blank	
Prep Type: Total/NA	
Prep Batch: 20253	

Result Qualifier RL Unit D Prepared Analyzed Dil Fac Analyte Gasoline Range Organics 50.0 02/24/22 21:01 <50.0 U 02/24/22 15:51 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 50.0 02/24/22 15:51 02/24/22 21:01 <50.0 U mg/Kg C10-C28) OII Range Organics (Over C28-C36) <50.0 U 50.0 02/24/22 15:51 02/24/22 21:01 mg/Kg

MB MB

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	02/24/22 15:51	02/24/22 21:01	1
o-Terphenyl	102		70 - 130	02/24/22 15:51	02/24/22 21:01	1

Lab Sample ID: LCS 880-20253/2-A **Client Sample ID: Lab Control Sample**

Matrix: Solid

Analysis Batch: 20195

Prep Type: Total/NA

Prep Batch: 20253

	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics	1000	808.4		mg/Kg		81	70 - 130
(GRO)-C6-C10							
Diesel Range Organics (Over	1000	1182		mg/Kg		118	70 - 130
C10-C28)							

Prep Batch: 20253

Prep Type: Total/NA

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 20253

Client: WSP USA Inc. Job ID: 890-1998-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.00

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-20253/2-A **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Solid Analysis Batch: 20195

LCS LCS

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 132 S1+ 70 - 130 o-Terphenyl 136 S1+ 70 - 130

Lab Sample ID: LCSD 880-20253/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 20195

Prep Batch: 20253 Spike LCSD LCSD %Rec. RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1000 876.2 88 70 - 1308 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1084 108 mg/Kg 70 - 1309 20

LCSD LCSD Surrogate %Recovery Qualifier Limits

70 - 130 1-Chlorooctane 113 128 70 - 130 o-Terphenyl

Lab Sample ID: 880-11670-A-1-D MS

Matrix: Solid

C10-C28)

Analysis Batch: 20195

Prep Batch: 20253 Sample Sample MS MS Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits D Gasoline Range Organics <50.0 U 1000 1187 mg/Kg 114 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 1000 1120 mg/Kg 112 70 - 130

C10-C28)

MS MS %Recovery Qualifier Surrogate Limits S1-70 - 130 1-Chlorooctane 69 70 - 130 o-Terphenyl 73

Lab Sample ID: 880-11670-A-1-E MSD Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 20195

Sample Sample MSD MSD RPD Spike %Rec. Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit U 998 1007 97 Gasoline Range Organics <50.0 mg/Kg 70 - 130 16 20 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 998 1187 mg/Kg 119 70 - 130 20

C10-C28)

MSD MSD %Recovery Qualifier Surrogate Limits 1-Chlorooctane 82 70 - 130 77 70 - 130 o-Terphenyl

Client: WSP USA Inc. Job ID: 890-1998-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.00

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-20367/1-A

Matrix: Solid Analysis Batch: 20377 Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 20367

мв мв Dil Fac Analyte Result Qualifier RL Unit D Prepared Analyzed Gasoline Range Organics <50.0 U 50.0 mg/Kg 02/25/22 17:17 02/26/22 11:47 (GRO)-C6-C10 Diesel Range Organics (Over 50.0 02/25/22 17:17 02/26/22 11:47 <50.0 U mg/Kg C10-C28) Oll Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 02/25/22 17:17 02/26/22 11:47 MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 108 70 - 130 02/25/22 17:17 02/26/22 11:47 o-Terphenyl 70 - 130 02/25/22 17:17 02/26/22 11:47 114

Client Sample ID: Lab Control Sample

Matrix: Solid

Lab Sample ID: LCS 880-20367/2-A

Analysis Batch: 20377

Prep Type: Total/NA

Prep Batch: 20367

LCS LCS Spike %Rec. Analyte Added Result Qualifier Unit D %Rec Limits 1000 953.6 95 70 - 130 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1102 mg/Kg 110 70 - 130C10-C28)

LCS LCS Qualifier Limits Surrogate %Recovery 1-Chlorooctane 91 70 - 130 o-Terphenyl 88 70 - 130

Lab Sample ID: LCSD 880-20367/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 20377

Prep Type: Total/NA

Prep Batch: 20367

LCSD LCSD Spike %Rec. RPD Added Result Qualifier RPD Limit Analyte Unit D %Rec Limits Gasoline Range Organics 1000 1109 mg/Kg 111 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1086 mg/Kg 109 70 - 130 20 C10-C28)

LCSD LCSD Qualifier Limits %Recovery Surrogate 70 - 130 1-Chlorooctane 121 70 - 130 o-Terphenyl 114

Lab Sample ID: 880-11681-A-14-D MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 20377

Prep Type: Total/NA

Prep Batch: 20367

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<50.0	U	1000	1201		mg/Kg		120	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	590		1000	1426		mg/Kg		84	70 - 130	
C10-C28)										

Job ID: 890-1998-1

Client: WSP USA Inc. Project/Site: EVGSAU Satellite 3 SDG: 31403720.00

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-11681-A-14-D MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 20377

Prep Type: Total/NA

Prep Batch: 20367

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 105 70 - 130 o-Terphenyl 83 70 - 130

Lab Sample ID: 880-11681-A-14-E MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

o-Terphenyl

Analysis Batch: 20377

Prep Type: Total/NA

Prep Batch: 20367

Sample Sample Spike MSD MSD %Rec. RPD Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit <50.0 Ū 998 1108 111 70 - 1308 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 998 1407 82 590 mg/Kg 70 - 13020 C10-C28)

MSD MSD

%Recovery Surrogate Qualifier Limits 99 70 - 130 1-Chlorooctane 70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-20129/1-A Client Sample ID: Method Blank

Matrix: Solid Prep Type: Soluble

Analysis Batch: 20336

мв мв

82

Analyte Result Qualifier RL Unit D Dil Fac Prepared Analyzed Chloride 5.00 <5.00 U mg/Kg 02/25/22 19:10

Lab Sample ID: LCS 880-20129/2-A Client Sample ID: Lab Control Sample **Matrix: Solid**

Analysis Batch: 20336

Spike LCS LCS %Rec. Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 258.8 mg/Kg 104 90 - 110

Lab Sample ID: LCSD 880-20129/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 20336

Spike LCSD LCSD %Rec. RPD Result Qualifier Added Analyte Unit D %Rec Limits RPD Limit Chloride 250 265.2 106 90 - 110 20 mg/Kg

Lab Sample ID: 890-1995-A-7-F MS Client Sample ID: Matrix Spike **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 20336

	Sample	Sample	Spike	MS	MS				%Rec.
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Chloride	9.36		248	281.4		mg/Kg		110	90 - 110

Eurofins Carlsbad

Prep Type: Soluble

Prep Type: Soluble

QC Sample Results

Client: WSP USA Inc. Job ID: 890-1998-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.00

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-1995-A-7-G MSD **Client Sample ID: Matrix Spike Duplicate Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 20336

•	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	9.36		248	281.3		mg/Kg		110	90 - 110	0	20

Client: WSP USA Inc.

Job ID: 890-1998-1

Project/Site: EVGSAU Satellite 3

SDG: 31403720.00

GC VOA

Prep Batch: 20209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1998-1	SS13	Total/NA	Solid	5035	
890-1998-2	SS14	Total/NA	Solid	5035	
MB 880-20209/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-20209/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-20209/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2012-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-2012-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 20398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1998-1	SS13	Total/NA	Solid	8021B	20209
890-1998-2	SS14	Total/NA	Solid	8021B	20209
MB 880-20209/5-A Method Blank		Total/NA	Solid	8021B	20209
LCS 880-20209/1-A	Lab Control Sample	Total/NA	Solid	8021B	20209
LCSD 880-20209/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	20209
890-2012-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	20209
890-2012-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	20209

Analysis Batch: 20562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1998-1	SS13	Total/NA	Solid	Total BTEX	
890-1998-2	SS14	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 20195

Lab Sample ID 890-1998-1	Client Sample ID SS13	Prep Type Total/NA	Matrix Solid	Method 8015B NM	Prep Batch 20253
MB 880-20253/1-A	Method Blank	Total/NA	Solid	8015B NM	20253
LCS 880-20253/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	20253
LCSD 880-20253/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	20253
880-11670-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	20253
880-11670-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	20253

Prep Batch: 20253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1998-1	SS13	Total/NA	Solid	8015NM Prep	
MB 880-20253/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-20253/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-20253/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-11670-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-11670-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 20339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1998-1	SS13	Total/NA	Solid	8015 NM	
890-1998-2	SS14	Total/NA	Solid	8015 NM	

Prep Batch: 20367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1998-2	SS14	Total/NA	Solid	8015NM Prep	

Client: WSP USA Inc.

Project/Site: EVGSAU Satellite 3

Job ID: 890-1998-1

SDG: 31403720.00

GC Semi VOA (Continued)

Prep Batch: 20367 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-20367/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-20367/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-20367/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-11681-A-14-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-11681-A-14-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 20377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	
890-1998-2	SS14	Total/NA	Solid	8015B NM	20367	
MB 880-20367/1-A Method Blank		Total/NA	Solid	8015B NM	20367	
LCS 880-20367/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	20367	
LCSD 880-20367/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	20367	
880-11681-A-14-D MS	Matrix Spike	Total/NA	Solid	8015B NM	20367	
880-11681-A-14-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	20367	

HPLC/IC

Leach Batch: 20129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1998-1	SS13	Soluble	Soluble Solid		_
890-1998-2	SS14	Soluble	Solid	DI Leach	
MB 880-20129/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-20129/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-20129/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1995-A-7-F MS	Matrix Spike	Soluble	Solid	DI Leach	
890-1995-A-7-G MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 20336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1998-1	SS13	Soluble	Solid	300.0	20129
890-1998-2	SS14	Soluble	Solid	300.0	20129
MB 880-20129/1-A	Method Blank	Soluble	Solid	300.0	20129
LCS 880-20129/2-A	Lab Control Sample	Soluble	Solid	300.0	20129
LCSD 880-20129/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	20129
890-1995-A-7-F MS	Matrix Spike	Soluble	Solid	300.0	20129
890-1995-A-7-G MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	20129

Eurofins Carlsbad

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Client: WSP USA Inc.

Job ID: 890-1998-1

Project/Site: EVGSAU Satellite 3 SDG: 31403720.00

Client Sample ID: SS13 Lab Sample ID: 890-1998-1

Date Collected: 02/22/22 10:32

Date Received: 02/22/22 15:10

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	20209	02/28/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20398	02/28/22 16:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			20562	02/28/22 18:56	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20339	02/25/22 15:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	20253	02/24/22 15:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20195	02/25/22 01:31	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	20129	02/23/22 09:37	CH	XEN MID
Soluble	Analysis	300.0		1			20336	02/25/22 21:55	CH	XEN MID

Client Sample ID: SS14 Lab Sample ID: 890-1998-2

Date Collected: 02/22/22 10:50 Matrix: Solid

Date Received: 02/22/22 15:10

Batch Batch

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	20209	02/28/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20398	02/28/22 17:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			20562	02/28/22 18:56	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20339	02/25/22 15:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	20367	02/25/22 17:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20377	02/26/22 20:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	20129	02/23/22 09:37	CH	XEN MID
Soluble	Analysis	300.0		1			20336	02/25/22 22:01	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: WSP USA Inc. Job ID: 890-1998-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.00

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	P	rogram	Identification Number	Expiration Date
Texas	N	ELAP	T104704400-21-22	06-30-22
The following analytes the agency does not off		ut the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for which
Analysis Method	Prep Method	Matrix	Analyte	
8015 NM		Solid	Total TPH	
Total BTEX		Solid	Total BTEX	

Method Summary

Job ID: 890-1998-1 Client: WSP USA Inc. Project/Site: EVGSAU Satellite 3

SDG: 31403720.00

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: WSP USA Inc.

Project/Site: EVGSAU Satellite 3

Job ID: 890-1998-1

SDG: 31403720.00

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1998-1	SS13	Solid	02/22/22 10:32	02/22/22 15:10	
890-1998-2	SS14	Solid	02/22/22 10:50	02/22/22 15:10	0.5

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Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334 Chain of Custody

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) Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time		ire)	Received by: (Signature)	Received I	nature)	Relinquished by: (Signature)	
	nces beyond the control viously negotiated.	of service. Xenco will be fiable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	or expenses incurred by to Xenco, but not analy	y losses o	ponsibility for an	a charge of \$5	s and shall not a sach project and	only for the cost of sample \$75.00 will be applied to	of service. Xenco will be liable of Xenco. A minimum charge o	0 0
	It assigns standard terms and conditions	liates and subcontractors. It assigns standar	mpany to Xenco, its affi	client co	chase order from	utes a valid pur	samples constitu	ent and relinquishment of	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors.	211
Na Sr Ti Sn U V Zn 1631 / 245.1 / 7470 / 7471 : Hg	Mo Ni K Se Ag SiO2	Cr Co Cu Pb Mr	Sb As Ba Be B Cd		ICRA 13PPM Texas 11 AI	BRCRA 13PPM TCLP / SPLP		otal 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed	Total 200.7 / 6010 Circle Method(s) a	
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DISCRETE			× ×	1	0.5	10:32	02/22/22	S	SS01 3	
Sample Comments			TPH (BTEX	Num	Depth	Sampled	Sampled	tion Matrix	Sample Identification	
			(EF	ber						
lab, if received by 4:30pm			PA 0	of		Total Containers:	Tota	No.	Sample Custody Seals:	(0)
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	Custody	890-1998 Chain of Custody		ntai		EDD-MM	MI	(Yes) No	Received Intact:	= 1
)	ners	Ō (Thermometer ID	7	4.4/4.2	Temperature (°C):	
					Yes No	Wet Ice:	(Yes) No	Temp Blank:	SAMPLE RECEIPT	
					Due Date:	Due		Payton Benner	me:	[40]
			_		1.	Rush:			P.O. Number:	_
					ine []	Routine	0.00	31403720.00	Project Number:	_
Work Order Notes	-	ANALYSIS REQUEST			Turn Around	Τι		EVGSAU Satellite 3	Project Name: EVC	
Other:	Deliverables: EDD ADaPT	Deliv	p.com	gs@ws	Email: Kalei.jennings@wsp.com	Email:		817-683-2503		_
	evel III		Midland, Texas 79705		City, State ZIP:			Midland, Texas 79705	e ZIP:	
		3300 North A Street Building 1, unit 222	3300 North A Street		Address:	222	lding 1, unit	3300 North A Street Building 1, unit 222		-
lds 1☐C 1☐perfund ☐	Program: UST/PST ☐RP ☐rownfields	Prog	WSP USA		Company Name:			WSP USA		
mments	Work Order Comments		Kalei Jennings	ent)	Bill to: (if different)			Kalei Jennings	Project Manager: Kale	
³ age1ot1_)0) www.xenco.com	Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)	355-0900) Atlanta,GA	AZ (480-	7550) Phoenix,	,NM (575-392-	Hobbs			
		Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296	Paso,TX (915)585-344	440) EL I	1,TX (432-704-5	Midland				

Revised Date 051418 Rev 2018 1

Eurofins Carlsbad

1089 N Canal St.

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Chain of Custody Record

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🐝 eurofins

Environment Testing America

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin isted above for analysis/lests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing South Central LLC alteratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing South Central LLC. State Zip^{*} TX, 79701 SS14 (890-1998-2) Empty Kit Relinquished by SS013 (890-1998-1) Sample Identification - Client ID (Lab ID) EVGSAU Satellite 3 **Eurofins Environment Testing South Centr** Carlsbad, NM 88220 Phone 575-988-3199 Fax 575-988-3199 Possible Hazard Identification 432-704-5440(Tel) Midland 1211 W Florida Ave Client Information (Sub Contract Lab) elinquished by Deliverable Requested 1 II, III, IV elinquished by: linquished by: hipping/Receiving Custody Seals Intact: rconfirmed oject Name: Yes ∆ No È Custody Seal No Other (specify) 203.20 Date/Time Primary Deliverable Rank. 2 Date/Time Date/Time Project #: 89000048 PO#: Due Date Requested 2/28/2022 FAT Requested (days) hone SOW# Sample Date 2122122 2/22/22 Date Mountain Mountain 10 50 Sample 10 32 (C=comp, G=grab) Sample Preservation Code: Type Company Company Company Matrix Solid Solid jessica.kramer@eurofinset.com Kramer, Jessica E-Mail NELAP - Louisiana, NELAP - Texas Ime occreditations Required (See note) Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Mon Perform MS/MSD (Yes or No) Special Instructions/QC Requirements Received by Cooler Temperature(s) °C and Other Remarks × × 8015MOD_NM/8015NM_S_Prep Full TPH × × 300_ORGFM_28D/DI_LEACH Chloride × 8021B/6035FP Calc BTEX × × × Total_BTEX_GCV **Analysis Requested** × 8015MOD_Calc × State of Origin: New Mexico Carrier Tracking No(s) Method of Shipment Date/Time Date/T me. Total Number of containers B - NaOH
C Z n Acetate
D - Nitric Acid
E NaHSO4
F MeOH
G Amenior
H - Ascorbic Acid
I I Ice
J - DI Water
K EDTA
L EDA COC No: 890-639 1 Preservation Codes Page 1 of 1 890-1998-1 띥 Special Instructions/Note M Hexane
N-None
O-AsNaO2
P NaZO4S
Q-NaZSO3
R NaZSO3
R NaSSO3
S-H2SO4
T TSP Dodecahydrate
U-Acetione
V MCAA
W-pH 4-5
Z other (specify) Company Company Months

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-1998-1 SDG Number: 31403720.00

Login Number: 1998 List Source: Eurofins Carlsbad

List Number: 1 Creator: Clifton, Cloe

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-1998-1

SDG Number: 31403720.00

List Source: Eurofins Midland

List Creation: 02/24/22 12:49 PM

List Number: 2 Creator: Teel, Brianna

Login Number: 1998

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	True	

Euronnis Carisbau

Released to Imaging: 4/5/2022 8:30:24 AM

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<6mm (1/4").



Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-2022-1

Laboratory Sample Delivery Group: 31403720.000 Task 14.02

Client Project/Site: EVGSAU Satellite 3

For:

WSP USA Inc. 2777 N. Stemmons Freeway Suite 1600 Dallas, Texas 75207

Attn: Kalei Jennings

JURAMER

Authorized for release by: 3/2/2022 8:42:09 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

Links

Review your project results through

Have a Question?



Visit us at:

www.eurofinsus.com/Env

Released to Imaging: 4/5/2022 8:30:24 AM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: WSP USA Inc. Project/Site: EVGSAU Satellite 3 Laboratory Job ID: 890-2022-1 SDG: 31403720.000 Task 14.02

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QC Association Summary	11
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Sample Summary	16
Chain of Custody	17
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Definitions/Glossary

Client: WSP USA Inc. Job ID: 890-2022-1 Project/Site: EVGSAU Satellite 3

SDG: 31403720.000 Task 14.02

Qualifiers

GC	VOA
Qual	ifier

F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Qualifier Description

GC Semi VOA

Qualifier	Qualifier Description					
*1	LCS/LCSD RPD exceeds control limits.					
F1	MS and/or MSD recovery exceeds control limits.					
S1+	Surrogate recovery exceeds control limits, high biased.					
U	Indicates the analyte was analyzed for but not detected.					

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
а	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry) EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level" MCL MDA Minimum Detectable Activity (Radiochemistry) Minimum Detectable Concentration (Radiochemistry) MDC

MDL Method Detection Limit MI Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

Negative / Absent NEG POS Positive / Present Practical Quantitation Limit PQL

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: WSP USA Inc.

Job ID: 890-2022-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Job ID: 890-2022-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-2022-1

Receipt

The sample was received on 2/25/2022 1:31 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-20421 and analytical batch 880-20405 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28)

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-20421/2-A) and (LCSD 880-20421/3-A). Percent recoveries are based on the amount spiked.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: WSP USA Inc.

Job ID: 890-2022-1

Project/Site: EVGSALI Satellite 3

SDG: 31403720 000 Task 14 02

Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Client Sample ID: SS15

Date Collected: 02/25/22 11:10

Matrix: Solid

Date Received: 02/25/22 13:31

Sample Depth: 0.25

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		03/02/22 08:00	03/02/22 18:44	1
Toluene	<0.00202	U	0.00202	mg/Kg		03/02/22 08:00	03/02/22 18:44	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		03/02/22 08:00	03/02/22 18:44	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		03/02/22 08:00	03/02/22 18:44	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		03/02/22 08:00	03/02/22 18:44	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		03/02/22 08:00	03/02/22 18:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130			03/02/22 08:00	03/02/22 18:44	1
1,4-Difluorobenzene (Surr)	96		70 - 130			03/02/22 08:00	03/02/22 18:44	1
- Method: Total BTEX - Total BTEX	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			03/02/22 20:32	1
Analyte		Qualifier	RL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Total TPH	<50.0		50.0	<u></u>	=	- riepaieu	03/02/22 21:35	- Dill ac
- -							03/02/22 21.35	1
							03/02/22 21.35	1
								1
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
		Qualifier	RL 50.0	Unit mg/Kg	<u>D</u>	Prepared 02/28/22 09:31		Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result	Qualifier U			<u>D</u>	<u>·</u>	Analyzed	
Analyte Gasoline Range Organics (GRO)-C6-C10	Result <50.0	Qualifier U U *1	50.0	mg/Kg	<u>D</u>	02/28/22 09:31	Analyzed 02/28/22 22:38	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <50.0 <50.0	Qualifier U U *1 U	50.0	mg/Kg	<u>D</u>	02/28/22 09:31	Analyzed 02/28/22 22:38 02/28/22 22:38	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <50.0 <50.0 <50.0	Qualifier U U *1 U	50.0 50.0 50.0	mg/Kg	<u>D</u>	02/28/22 09:31 02/28/22 09:31 02/28/22 09:31	Analyzed 02/28/22 22:38 02/28/22 22:38 02/28/22 22:38	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result	Qualifier U U *1 U	50.0 50.0 50.0 <i>Limits</i>	mg/Kg	<u> </u>	02/28/22 09:31 02/28/22 09:31 02/28/22 09:31 Prepared	Analyzed 02/28/22 22:38 02/28/22 22:38 02/28/22 22:38 Analyzed	1 1 1 Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier U U *1 U Qualifier	50.0 50.0 50.0 Limits 70 - 130	mg/Kg	<u>D</u>	02/28/22 09:31 02/28/22 09:31 02/28/22 09:31 Prepared 02/28/22 09:31	Analyzed 02/28/22 22:38 02/28/22 22:38 02/28/22 22:38 Analyzed 02/28/22 22:38	1 1 1 Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U U *1 U Qualifier	50.0 50.0 50.0 Limits 70 - 130	mg/Kg	<u>D</u>	02/28/22 09:31 02/28/22 09:31 02/28/22 09:31 Prepared 02/28/22 09:31	Analyzed 02/28/22 22:38 02/28/22 22:38 02/28/22 22:38 Analyzed 02/28/22 22:38	1 1 1 Dil Fac

Surrogate Summary

 Client: WSP USA Inc.
 Job ID: 890-2022-1

 Project/Site: EVGSAU Satellite 3
 SDG: 31403720.000 Task 14.02

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

•				Percent Surrogate Rec
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-11814-A-1-B MS	Matrix Spike	124	91	
880-11814-A-1-C MSD	Matrix Spike Duplicate	136 S1+	87	
890-2022-1	SS15	109	96	
LCS 880-20523/1-A	Lab Control Sample	100	101	
LCSD 880-20523/2-A	Lab Control Sample Dup	102	100	
MB 880-20523/5-A	Method Blank	104	96	
Surrogate Legend				
BFB = 4-Bromofluorobenz	zene (Surr)			
DFBZ = 1,4-Difluorobenze	ene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: WSP USA Inc. Job ID: 890-2022-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-20523/5-A

Matrix: Solid Analysis Batch: 20656 Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 20523

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/02/22 08:00	03/02/22 10:52	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/02/22 08:00	03/02/22 10:52	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/02/22 08:00	03/02/22 10:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/02/22 08:00	03/02/22 10:52	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/02/22 08:00	03/02/22 10:52	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/02/22 08:00	03/02/22 10:52	1

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/02/22 08:0	0 03/02/22 10:52	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/02/22 08:0	0 03/02/22 10:52	1

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 880-20523/1-A

Matrix: Solid

Analysis Batch: 20656

Prep Type: Total/NA

Prep Batch: 20523

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1010		mg/Kg		101	70 - 130	
Toluene	0.100	0.09891		mg/Kg		99	70 - 130	
Ethylbenzene	0.100	0.09931		mg/Kg		99	70 - 130	
m-Xylene & p-Xylene	0.200	0.2053		mg/Kg		103	70 - 130	
o-Xylene	0.100	0.1006		mg/Kg		101	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	100	70 - 130
1,4-Difluorobenzene (Surr)	101	70 - 130

Lab Sample ID: LCSD 880-20523/2-A

Matrix: Solid

Analysis Batch: 20656

Prep Type: Total/NA

Prep Batch: 20523

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1081		mg/Kg		108	70 - 130	7	35
Toluene	0.100	0.1065		mg/Kg		107	70 - 130	7	35
Ethylbenzene	0.100	0.1073		mg/Kg		107	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2216		mg/Kg		111	70 - 130	8	35
o-Xylene	0.100	0.1087		mg/Kg		109	70 - 130	8	35

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	102	70 - 130
1,4-Difluorobenzene (Surr)	100	70 - 130

Lab Sample ID: 880-11814-A-1-B MS

Matrix: Solid

Analysis Batch: 20656

Client Sample ID: Matrix Spike Prep Type: Total/NA

Prep Batch: 20523

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U F1 F2	0.101	0.006109	F1	mg/Kg	_	5	70 - 130	
Toluene	0.00355	F1 F2	0.101	0.05388	F1	mg/Kg		50	70 - 130	

QC Sample Results

Client: WSP USA Inc. Job ID: 890-2022-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-11814-A-1-B MS Client Sample ID: Matrix Spike

Matrix: Solid Analysis Batch: 20656

Sample Sample Spike MS MS %Rec. Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Ethylbenzene <0.00200 U F1 0.101 0.03209 F1 31 70 - 130 mg/Kg m-Xylene & p-Xylene <0.00400 U F1 0.202 0.3573 F1 mg/Kg 175 70 - 130 0.101 o-Xylene <0.00200 UF1 0.1313 70 - 130 mg/Kg 128

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	124	70 - 130
1,4-Difluorobenzene (Surr)	91	70 - 130

Lab Sample ID: 880-11814-A-1-C MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 20656

Prep Type: Total/NA

Prep Batch: 20523 %Rec. RPD

Prep Type: Total/NA

Prep Batch: 20523

Sample Sample Spike MSD MSD Result Qualifier Result Qualifier RPD Limit Analyte babbA Unit %Rec Limits 0.0994 0.01011 F1 F2 Benzene <0.00200 U F1 F2 mg/Kg 9 70 - 130 49 35 Toluene 0.00355 F1 F2 0.0994 0.09011 F2 mg/Kg 87 70 - 130 50 35 Ethylbenzene <0.00200 UF1 0.0994 0.04057 F1 40 70 - 130 23 35 mg/Kg 0.199 m-Xylene & p-Xylene <0.00400 UF1 0.4460 F1 mq/Kq 223 70 - 130 22 35 0.0994 <0.00200 U F1 0.1525 F1 152 70 - 130 o-Xylene mg/Kg 15

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-20421/1-A

Matrix: Solid

Analysis Batch: 20405

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 20421

Result Qualifier RL Unit D Prepared Analyzed Dil Fac Analyte Gasoline Range Organics 50.0 02/28/22 09:31 02/28/22 13:48 <50.0 U mg/Kg (GRO)-C6-C10 50.0 02/28/22 09:31 02/28/22 13:48 Diesel Range Organics (Over <50.0 U mg/Kg C10-C28) OII Range Organics (Over C28-C36) <50.0 U 50.0 02/28/22 09:31 02/28/22 13:48 mg/Kg

MB MB

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130	02/28/22 09:	02/28/22 13:48	1
o-Terphenyl	126		70 - 130	02/28/22 09:	31 02/28/22 13:48	1

Lab Sample ID: LCS 880-20421/2-A **Matrix: Solid**

Analysis Batch: 20405

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Prep Batch: 20421

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1075		mg/Kg		107	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	916.2		mg/Kg		92	70 - 130	
C10-C28)								

Job ID: 890-2022-1 Client: WSP USA Inc. Project/Site: EVGSAU Satellite 3

SDG: 31403720.000 Task 14.02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

LCS LCS

Lab Sample ID: LCS 880-20421/2-A **Matrix: Solid**

Analysis Batch: 20405

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 20421

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	491	S1+	70 - 130
o-Terphenyl	482	S1+	70 - 130

Lab Sample ID: LCSD 880-20421/3-A

Matrix: Solid

Analysis Batch: 20405

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 20421

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1252		mg/Kg		125	70 - 130	15	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1190	*1	mg/Kg		119	70 - 130	26	20
C10-C28)									

LCSD LCSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 617 S1+ 70 - 130

70 - 130 o-Terphenyl 598 S1+

Lab Sample ID: 890-2012-A-4-D MS

Matrix: Solid

Analysis Batch: 20405

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 20421

%Rec.
Limits
70 - 130
70 - 130
:

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	117		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: 890-2012-A-4-E MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 20405

Prep Type: Total/NA

Prep Batch: 20421

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<50.0	U F1	998	1308		mg/Kg		129	70 - 130	2	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<50.0	U *1	998	1166		mg/Kg		115	70 - 130	3	20
C10-C28)											

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	108		70 - 130

QC Sample Results

Client: WSP USA Inc. Job ID: 890-2022-1 Project/Site: EVGSAU Satellite 3

SDG: 31403720.000 Task 14.02

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Client Sample ID: Matrix Spike

Client Sample ID: Matrix Spike Duplicate

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-20497/1-A

Matrix: Solid

Analysis Batch: 20689

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Dil Fac Analyte Result Qualifier RL Unit D Prepared Analyzed Chloride <5.00 U 5.00 mg/Kg 03/02/22 12:08

Lab Sample ID: LCS 880-20497/2-A

Matrix: Solid

Analysis Batch: 20689

Spike LCS LCS %Rec. Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 272.4 mg/Kg 109 90 - 110

Lab Sample ID: LCSD 880-20497/3-A

Matrix: Solid

Analysis Batch: 20689

LCSD LCSD %Rec. RPD Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 266.1 mg/Kg 106 90 - 110

Lab Sample ID: 880-11760-A-1-E MS

Matrix: Solid

Analysis Batch: 20689

Spike MS MS Sample Sample %Rec. Analyte Result Qualifier Added Result Qualifier %Rec Unit Limits 320.0 Chloride 68.2 252 100 90 - 110 mg/Kg

Lab Sample ID: 880-11760-A-1-F MSD

Matrix: Solid

Analysis Batch: 20689

Sample Sample Spike MSD MSD %Rec. RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 252 68.2 316.5 mg/Kg 99 90 - 110 20

QC Association Summary

 Client: WSP USA Inc.
 Job ID: 890-2022-1

 Project/Site: EVGSAU Satellite 3
 SDG: 31403720.000 Task 14.02

GC VOA

Prep Batch: 20523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2022-1	SS15	Total/NA	Solid	5035	
MB 880-20523/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-20523/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-20523/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-11814-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-11814-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 20656

Lab Sample ID 890-2022-1	Client Sample ID SS15	Prep Type Total/NA	Matrix Solid	Method 8021B	Prep Batch 20523
MB 880-20523/5-A	Method Blank	Total/NA	Solid	8021B	20523
LCS 880-20523/1-A	Lab Control Sample	Total/NA	Solid	8021B	20523
LCSD 880-20523/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	20523
880-11814-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	20523
880-11814-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	20523

Analysis Batch: 20743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2022-1	SS15	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 20405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2022-1	SS15	Total/NA	Solid	8015B NM	20421
MB 880-20421/1-A	Method Blank	Total/NA	Solid	8015B NM	20421
LCS 880-20421/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	20421
LCSD 880-20421/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	20421
890-2012-A-4-D MS	Matrix Spike	Total/NA	Solid	8015B NM	20421
890-2012-A-4-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	20421

Prep Batch: 20421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2022-1	SS15	Total/NA	Solid	8015NM Prep	
MB 880-20421/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-20421/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-20421/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2012-A-4-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2012-A-4-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 20745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2022-1	SS15	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 20497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2022-1	SS15	Soluble	Solid	DI Leach	
MB 880-20497/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-20497/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-20497/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: WSP USA Inc. Job ID: 890-2022-1 Project/Site: EVGSAU Satellite 3

SDG: 31403720.000 Task 14.02

HPLC/IC (Continued)

Leach Batch: 20497 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11760-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-11760-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 20689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2022-1	SS15	Soluble	Solid	300.0	20497
MB 880-20497/1-A	Method Blank	Soluble	Solid	300.0	20497
LCS 880-20497/2-A	Lab Control Sample	Soluble	Solid	300.0	20497
LCSD 880-20497/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	20497
880-11760-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	20497
880-11760-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	20497

Lab Chronicle

Client: WSP USA Inc.

Job ID: 890-2022-1

Project/Site: EVGSAU Satellite 3

SDG: 31403720.000 Task 14.02

Client Sample ID: SS15 Lab Sample ID: 890-2022-1

Date Collected: 02/25/22 11:10

Date Received: 02/25/22 13:31

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	20523	03/02/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20656	03/02/22 18:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			20743	03/02/22 20:32	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20745	03/02/22 21:35	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20421	02/28/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20405	02/28/22 22:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	20497	02/28/22 12:47	SC	XEN MID
Soluble	Analysis	300.0		1			20689	03/02/22 13:35	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Carlsbad

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Accreditation/Certification Summary

Client: WSP USA Inc. Job ID: 890-2022-1 Project/Site: EVGSAU Satellite 3

SDG: 31403720.000 Task 14.02

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority Texas		rogram	Identification Number	Expiration Date	
		ELAP	T104704400-21-22	06-30-22	
The following analytes the agency does not of	•	ut the laboratory is not certifi	ed by the governing authority. This list ma	ay include analytes fo	
the agency does not of	ier ceruncation.				
Analysis Method	Prep Method	Matrix	Analyte		
0 ,		Matrix Solid	Analyte Total TPH		

Method Summary

Client: WSP USA Inc.

Job ID: 890-2022-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: WSP USA Inc.

Project/Site: EVGSAU Satellite 3

Job ID: 890-2022-1

SDG: 31403720.000 Task 14.02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2022-1	SS15	Solid	02/25/22 11:10	02/25/22 13:31	0.25

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Revised Date 051418 Rev. 2018.1		6					
		2	dis/20 1:31	2	1 has	Men M.	Modelle
Date/Time	e) Received by: (Signature)	Relinquished by: (Signature)	Date/Time	gnature)	Received by: (Signature)	: (Signature)	Relinguished by: (Signature)
	assigns standard terms and conditions due to circumstances beyond the control orced unless previously negotiated.	lotice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and condit of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the conditions. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	nt company to Xenco, its affi sses or expenses incurred by mitted to Xenco, but not analy	alid purchase order from citions of the subject of \$5 for each sample subject of \$5 for each sample subject.	amples constitutes a v and shall not assume ich project and a charg	lotice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enti	otice: Signature of this of f service. Xenco will be f Xenco. A minimum che
Sn ∪ V Zn 1/7470 /7471 : Hg	Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Mo Ni Se Ag Ti U 1631/245.1/7470	Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb I Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni		RCRA 13PPM Texas 11 AI	유	otal 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed	Total 200.7 / 6010 Circle Method(s)
			-				
DISCRETE			×	11:10 0.25	02/25/22 11	S	SS15
Sample Comments	Sar		TPH (E BTEX (Depth	Date Time Sampled Sampled	tification Matrix	Sample Identification
if received by 4:30pm	lab,		PA 8		Total Containers:	is: Yes No N/A	Sample Custody Seals:
TAT starts the day recevied by the			0=B	-0.2	Correction Factor:	Yes No	Cooler Custody Seals:
	stody	890-2022 Chain of Custody	021)		1-1/2-8	Yes No	Received Intact:
				Thermometer ID	Thermo	14/12	Temperature (°C):
				Wet Ice: Yes No	Yes No W	IPT Temp Blank:	SAMPLE RECEIPT
				Due Date:		Payton Benner	Sampler's Name:
			_	Rush: 3 Day	•		P.O. Number:
				Routine []	ask 14.02	31403720.000 Task 14.02	Project Number:
Work Order Notes		ANALYSIS REQUEST		Turn Around		EVGSAU Satellite 3	Project Name:
Other:	Deliverables: EDD ADaPT		@wsp.com	Email: Kalei.jennings@wsp.com		817-683-2503	Phone:
PRP L[[vel V	Reporting:Level II	705	Midland, Texas 79705	City, State ZIP:		Midland, Texas 79705	City, State ZIP:
		3300 North A Street Building 1, unit 222		Address:	ding 1, unit 222	3300 North A Street Building 1, unit 222	Address:
RC ¶perfund ☐	Program: UST/PST ☐RP ☐rownfields ☐RC			Company Name		WSP USA	Company Name:
S			Kalei Jennings	Bill to: (if different)		Kalei Jennings	Project Manager:
1 of1	o-2000) www.xenco.com ^{>} age_	Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296 Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)) EL Paso,TX (915)585-34 (480-355-0900) Atlanta,G.	Midland,TX (432-704-5440 75-392-7550) Phoenix,AZ	Hobbs,NM (5	LABORATORIES	EA
	Work Order No:	13104y	Citalli Oi Custouy	0007-UNG (156) AL COTO	T		3

Login Sample Receipt Checklist

 Client: WSP USA Inc.
 Job Number: 890-2022-1

 SDG Number: 31403720.000 Task 14.02

3DG Nulliber: 31403720.000 Task 14.02

Login Number: 2022
List Source: Eurofins Carlsbad
List Number: 1

Creator: Olivas, Nathaniel

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	N/A	

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9

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13

14

<6mm (1/4").

Login Sample Receipt Checklist

Client: WSP USA Inc. Job Number: 890-2022-1

SDG Number: 31403720.000 Task 14.02

Login Number: 2022 **List Source: Eurofins Midland** List Number: 2 Creator: Kramer, Jessica

List Creation: 02/28/22 08:58 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	N/A	

<6mm (1/4").



Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-2023-1

Laboratory Sample Delivery Group: 31403720.000 Task 14.02

Client Project/Site: EVGSAU Satellite 3

For:

WSP USA Inc. 2777 N. Stemmons Freeway Suite 1600 Dallas, Texas 75207

Attn: Kalei Jennings

JURAMER

Authorized for release by: 3/2/2022 9:32:37 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

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intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

This report has been electronically signed and authorized by the signatory. Electronic signature is

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Client: WSP USA Inc. Project/Site: EVGSAU Satellite 3 Laboratory Job ID: 890-2023-1 SDG: 31403720.000 Task 14.02

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Definitions/Glossary

Client: WSP USA Inc. Job ID: 890-2023-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Qualifiers

GC VOA

Qualifier **Qualifier Description** F1 MS and/or MSD recovery exceeds control limits. S1-Surrogate recovery exceeds control limits, low biased. Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description** *1 LCS/LCSD RPD exceeds control limits. F1 MS and/or MSD recovery exceeds control limits. S1+ Surrogate recovery exceeds control limits, high biased. Indicates the analyte was analyzed for but not detected. U

HPLC/IC

Qualifier **Qualifier Description** Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report. Listed under the "D" column to designate that the result is reported on a dry weight basis %R Percent Recovery **CFL** Contains Free Liquid CFU Colony Forming Unit CNF Contains No Free Liquid DER Duplicate Error Ratio (normalized absolute difference) Dil Fac Dilution Factor DL Detection Limit (DoD/DOE) DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

Decision Level Concentration (Radiochemistry) DLC

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" Minimum Detectable Activity (Radiochemistry) MDA Minimum Detectable Concentration (Radiochemistry) MDC

MDL Method Detection Limit ML Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present PQL Practical Quantitation Limit

Presumptive **PRES** QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) TEF Toxicity Equivalent Quotient (Dioxin) TFO

TNTC Too Numerous To Count

Case Narrative

Client: WSP USA Inc.

Job ID: 890-2023-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Job ID: 890-2023-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-2023-1

Receipt

The sample was received on 2/25/2022 1:31 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-20421 and analytical batch 880-20405 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28)

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-20421/2-A) and (LCSD 880-20421/3-A). Percent recoveries are based on the amount spiked.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Matrix: Solid

Lab Sample ID: 890-2023-1

Client Sample Results

Client: WSP USA Inc.

Job ID: 890-2023-1

Project/Site: EVCSA I. Satellite 3

SDC: 31403730 000 Task 14.03

Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Client Sample ID: SS16

Date Collected: 02/25/22 11:12

Date Received: 02/25/22 13:31

Sample Depth: 0.25

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		03/02/22 16:00	03/02/22 22:06	1
Toluene	<0.00198	U	0.00198	mg/Kg		03/02/22 16:00	03/02/22 22:06	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		03/02/22 16:00	03/02/22 22:06	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		03/02/22 16:00	03/02/22 22:06	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		03/02/22 16:00	03/02/22 22:06	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		03/02/22 16:00	03/02/22 22:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130			03/02/22 16:00	03/02/22 22:06	1
1,4-Difluorobenzene (Surr)	91		70 - 130			03/02/22 16:00	03/02/22 22:06	1
- Method: Total BTEX - Total BTE)	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			03/02/22 22:24	1
		-, (,						
	•	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	•	Qualifier	RL 50.0	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 02/28/22 19:38	
Analyte Total TPH	Result < 50.0	Qualifier U			D	Prepared		
Analyte Total TPH Method: 8015B NM - Diesel Rang	Result <50.0	Qualifier U RO) (GC)	50.0	mg/Kg			02/28/22 19:38	1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte	Result <50.0 Ge Organics (DI Result	Qualifier U RO) (GC) Qualifier	50.0	mg/Kg	<u>D</u>	Prepared	02/28/22 19:38 Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	Result <50.0	Qualifier U RO) (GC) Qualifier	50.0	mg/Kg			02/28/22 19:38	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	Result <50.0 Ge Organics (DI Result	Qualifier U RO) (GC) Qualifier U	50.0	mg/Kg		Prepared	02/28/22 19:38 Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0 ge Organics (DI Result <50.0	Qualifier U RO) (GC) Qualifier U U *1	50.0 RL 50.0	mg/Kg Unit mg/Kg		Prepared 02/28/22 09:31	02/28/22 19:38 Analyzed 02/28/22 16:59	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <50.0	Qualifier U RO) (GC) Qualifier U U *1	50.0 RL 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 02/28/22 09:31 02/28/22 09:31	02/28/22 19:38 Analyzed 02/28/22 16:59 02/28/22 16:59	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result <50.0	Qualifier U RO) (GC) Qualifier U U *1	50.0 RL 50.0 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 02/28/22 09:31 02/28/22 09:31 02/28/22 09:31	02/28/22 19:38 Analyzed 02/28/22 16:59 02/28/22 16:59 02/28/22 16:59	Dil Face
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <50.0	Qualifier U RO) (GC) Qualifier U U *1	50.0 RL 50.0 50.0 50.0 Limits	mg/Kg Unit mg/Kg mg/Kg		Prepared 02/28/22 09:31 02/28/22 09:31 02/28/22 09:31 Prepared	02/28/22 19:38 Analyzed 02/28/22 16:59 02/28/22 16:59 02/28/22 16:59 Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result <50.0	Qualifier U RO) (GC) Qualifier U U*1 U Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130	mg/Kg Unit mg/Kg mg/Kg		Prepared 02/28/22 09:31 02/28/22 09:31 02/28/22 09:31 Prepared 02/28/22 09:31	02/28/22 19:38 Analyzed 02/28/22 16:59 02/28/22 16:59 02/28/22 16:59 Analyzed 02/28/22 16:59	Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier U RO) (GC) Qualifier U U*1 U Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130	mg/Kg Unit mg/Kg mg/Kg		Prepared 02/28/22 09:31 02/28/22 09:31 02/28/22 09:31 Prepared 02/28/22 09:31	02/28/22 19:38 Analyzed 02/28/22 16:59 02/28/22 16:59 02/28/22 16:59 Analyzed 02/28/22 16:59	Dil Fac

Surrogate Summary

Client: WSP USA Inc. Job ID: 890-2023-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-11907-A-1-B MS	Matrix Spike	98	106	
880-11907-A-1-C MSD	Matrix Spike Duplicate	94	98	
890-2023-1	SS16	83	91	
LCS 880-20605/1-A	Lab Control Sample	101	124	
LCSD 880-20605/2-A	Lab Control Sample Dup	97	102	
MB 880-20605/5-A	Method Blank	49 S1-	101	
Surrogate Legend				

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

_			
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-2012-A-4-D MS	Matrix Spike	117	99
890-2012-A-4-E MSD	Matrix Spike Duplicate	106	108
890-2023-1	SS16	103	99
LCS 880-20421/2-A	Lab Control Sample	491 S1+	482 S1+
LCSD 880-20421/3-A	Lab Control Sample Dup	617 S1+	598 S1+
MB 880-20421/1-A	Method Blank	123	126
Surrogate Legend			

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: WSP USA Inc. Job ID: 890-2023-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-20605/5-A

Matrix: Solid

Analysis Batch: 20710

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 20605

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/02/22 16:00	03/02/22 20:20	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/02/22 16:00	03/02/22 20:20	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/02/22 16:00	03/02/22 20:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/02/22 16:00	03/02/22 20:20	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/02/22 16:00	03/02/22 20:20	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/02/22 16:00	03/02/22 20:20	1

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	49	S1-	70 - 130	03/02/22 16:0	03/02/22 20:20	1
1,4-Difluorobenzene (Surr)	101		70 - 130	03/02/22 16:0	03/02/22 20:20	1

Lab Sample ID: LCS 880-20605/1-A

Matrix: Solid

Analysis Batch: 20710

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 20605

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1224		mg/Kg		122	70 - 130	
Toluene	0.100	0.1044		mg/Kg		104	70 - 130	
Ethylbenzene	0.100	0.1072		mg/Kg		107	70 - 130	
m-Xylene & p-Xylene	0.200	0.2201		mg/Kg		110	70 - 130	
o-Xylene	0.100	0.1072		mg/Kg		107	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	101	70 - 130
1,4-Difluorobenzene (Surr)	124	70 - 130

Lab Sample ID: LCSD 880-20605/2-A

Matrix: Solid

Analysis Batch: 20710

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 20605

	Spike	LCSD	LCSD				%Rec.		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1058		mg/Kg		106	70 - 130	15	35	
Toluene	0.100	0.09560		mg/Kg		96	70 - 130	9	35	
Ethylbenzene	0.100	0.1004		mg/Kg		100	70 - 130	6	35	
m-Xylene & p-Xylene	0.200	0.2080		mg/Kg		104	70 - 130	6	35	
o-Xylene	0.100	0.09996		mg/Kg		100	70 - 130	7	35	

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1.4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-11907-A-1-B MS

Matrix: Solid

Analysis Batch: 20710

Client Sample ID: Matrix Spike Prep Type: Total/NA

Prep Batch: 20605

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.101	0.07733		mg/Kg		77	70 - 130	
Toluene	<0.00200	U F1	0.101	0.06553	F1	mg/Kg		65	70 - 130	

QC Sample Results

Client: WSP USA Inc. Job ID: 890-2023-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-11907-A-1-B MS

Matrix: Solid Analysis Batch: 20710

Sample Sample Spike MS MS %Rec. Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Ethylbenzene <0.00200 UF1 0.101 0.06954 F1 69 70 - 130 mg/Kg m-Xylene & p-Xylene <0.00401 0.201 0.1418 mg/Kg 70 70 - 130 o-Xylene <0.00200 U 0.101 0.07034 mg/Kg 70 70 - 130

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-11907-A-1-C MSD

Matrix: Solid

Analysis Batch: 20710

Client Sample ID: Matrix Spike Duplicate

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 20605

Prep Type: Total/NA

Prep Batch: 20605 RPD

Sample Sample Spike MSD MSD %Rec. Result Qualifier Added Result Qualifier Limits RPD Limit Analyte Unit %Rec 0.100 0.07748 Benzene <0.00200 U mg/Kg 77 70 - 130 0 35 0.100 0.06554 F1 Toluene <0.00200 UF1 mg/Kg 65 70 - 130 0 35 Ethylbenzene <0.00200 UF1 0.100 0.07098 71 70 - 130 2 35 mg/Kg 0.201 0.1454 72 70 - 130 35 m-Xylene & p-Xylene < 0.00401 U mq/Kq 3 0.100 <0.00200 U 0.07552 75 70 - 130 o-Xylene mg/Kg

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-20421/1-A

Matrix: Solid

Analysis Batch: 20405

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 20421

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		02/28/22 09:31	02/28/22 13:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/28/22 09:31	02/28/22 13:48	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/28/22 09:31	02/28/22 13:48	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130	02/28/22 09:31	02/28/22 13:48	1
o-Terphenyl	126		70 - 130	02/28/22 09:31	02/28/22 13:48	1

Lab Sample ID: LCS 880-20421/2-A

Matrix: Solid

Analysis Batch: 20405

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Prep Batch: 20421

	Spik	e LCS	S LCS				%Rec.	
Analyte	Adde	d Resul	t Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	100	0 1075	5	mg/Kg		107	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	100	0 916.2	2	mg/Kg		92	70 - 130	
C10-C28)								

Client: WSP USA Inc. Job ID: 890-2023-1 Project/Site: EVGSAU Satellite 3

SDG: 31403720.000 Task 14.02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

LCS LCS

Lab Sample ID: LCS 880-20421/2-A **Matrix: Solid**

Analysis Batch: 20405

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 20421

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 491 S1+ 70 - 130 o-Terphenyl 482 S1+ 70 - 130

Lab Sample ID: LCSD 880-20421/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 20405

Prep Type: Total/NA

Prep Batch: 20421

Spike LCSD LCSD %Rec. RPD Analyte Added Result Qualifier Unit D %Rec Limits **RPD** Limit 1000 1252 125 70 - 13015 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1190 *1 mg/Kg 119 70 - 13026 20 C10-C28)

LCSD LCSD

Surrogate %Recovery Qualifier Limits 617 S1+ 70 - 130 1-Chlorooctane o-Terphenyl 598 S1+ 70 - 130

Client Sample ID: Matrix Spike Lab Sample ID: 890-2012-A-4-D MS

Matrix: Solid

Analysis Batch: 20405

Prep Type: Total/NA

Prep Batch: 20421

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	1000	1341	F1	mg/Kg		133	70 - 130	
Diesel Range Organics (Over	<50.0	U *1	1000	1203		mg/Kg		119	70 - 130	

C10-C28)

MS MS %Recovery Qualifier Surrogate Limits 70 - 130 1-Chlorooctane 117 70 - 130 o-Terphenyl 99

Lab Sample ID: 890-2012-A-4-E MSD Client Sample ID: Matrix Spike Duplicate

Analysis Batch: 20405

Matrix: Solid

Prep Type: Total/NA

Prep Batch: 20421

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	1308		mg/Kg		129	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U *1	998	1166		mg/Kg		115	70 - 130	3	20

MSD MSD

Qualifier Surrogate %Recovery Limits 1-Chlorooctane 106 70 - 130 108 70 - 130 o-Terphenyl

Client: WSP USA Inc.

Job ID: 890-2023-1

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Client Sample ID: Matrix Spike

Client Sample ID: Matrix Spike Duplicate

SDG: 31403720.000 Task 14.02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-20497/1-A

Project/Site: EVGSAU Satellite 3

Matrix: Solid

Analysis Batch: 20689

MB MB

 Analyte
 Result Chloride
 Qualifier
 RL Unit
 Unit
 D mg/Kg
 Prepared
 Analyzed Analyzed
 Dil Fac Dil F

Lab Sample ID: LCS 880-20497/2-A

Matrix: Solid

Analysis Batch: 20689

Spike LCS LCS %Rec. Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 272.4 mg/Kg 109 90 - 110

Lab Sample ID: LCSD 880-20497/3-A

Matrix: Solid

Analysis Batch: 20689

LCSD LCSD %Rec. RPD Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 266.1 mg/Kg 106 90 - 110

Lab Sample ID: 880-11760-A-1-E MS

Matrix: Solid

Analysis Batch: 20689

Spike MS MS Sample Sample %Rec. Analyte Result Qualifier Added Result Qualifier %Rec Unit Limits 320.0 Chloride 68.2 252 100 90 - 110 mg/Kg

Lab Sample ID: 880-11760-A-1-F MSD

Matrix: Solid

Analysis Batch: 20689

Sample Sample Spike MSD MSD %Rec. RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 252 68.2 316.5 mg/Kg 99 90 - 110 20

QC Association Summary

 Client: WSP USA Inc.
 Job ID: 890-2023-1

 Project/Site: EVGSAU Satellite 3
 SDG: 31403720.000 Task 14.02

GC VOA

Prep Batch: 20605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2023-1	SS16	Total/NA	Solid	5035	
MB 880-20605/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-20605/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-20605/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-11907-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-11907-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 20710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2023-1	SS16	Total/NA	Solid	8021B	20605
MB 880-20605/5-A	Method Blank	Total/NA	Solid	8021B	20605
LCS 880-20605/1-A	Lab Control Sample	Total/NA	Solid	8021B	20605
LCSD 880-20605/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	20605
880-11907-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	20605
880-11907-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	20605

Analysis Batch: 20748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2023-1	SS16	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 20405

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2023-1	SS16	Total/NA	Solid	8015B NM	20421
MB 880-20421/1-A	Method Blank	Total/NA	Solid	8015B NM	20421
LCS 880-20421/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	20421
LCSD 880-20421/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	20421
890-2012-A-4-D MS	Matrix Spike	Total/NA	Solid	8015B NM	20421
890-2012-A-4-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	20421

Prep Batch: 20421

Lab Sample ID 890-2023-1	Client Sample ID SS16	Prep Type Total/NA	Matrix Solid	Method 8015NM Prep	Prep Batch
MB 880-20421/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-20421/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-20421/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2012-A-4-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2012-A-4-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 20564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2023-1	SS16	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 20497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2023-1	SS16	Soluble	Solid	DI Leach	
MB 880-20497/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-20497/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-20497/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

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QC Association Summary

 Client: WSP USA Inc.
 Job ID: 890-2023-1

 Project/Site: EVGSAU Satellite 3
 SDG: 31403720.000 Task 14.02

HPLC/IC (Continued)

Leach Batch: 20497 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11760-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-11760-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 20689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2023-1	SS16	Soluble	Solid	300.0	20497
MB 880-20497/1-A	Method Blank	Soluble	Solid	300.0	20497
LCS 880-20497/2-A	Lab Control Sample	Soluble	Solid	300.0	20497
LCSD 880-20497/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	20497
880-11760-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	20497
880-11760-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	20497

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Lab Chronicle

 Client: WSP USA Inc.
 Job ID: 890-2023-1

 Project/Site: EVGSAU Satellite 3
 SDG: 31403720.000 Task 14.02

Client Sample ID: SS16 Lab Sample ID: 890-2023-1

Date Collected: 02/25/22 11:12

Date Received: 02/25/22 13:31

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	20605	03/02/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20710	03/02/22 22:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20748	03/02/22 22:24	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20564	02/28/22 19:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20421	02/28/22 09:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20405	02/28/22 16:59	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	20497	02/28/22 12:47	SC	XEN MID
Soluble	Analysis	300.0		1			20689	03/02/22 13:41	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: WSP USA Inc. Job ID: 890-2023-1 Project/Site: EVGSAU Satellite 3

SDG: 31403720.000 Task 14.02

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority Program		ogram	Identification Number	Expiration Date	
Texas	NE	ELAP	T104704400-21-22	06-30-22	
,	' '	it the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes fo	
the agency does not of					
Analysis Method	Prep Method	Matrix	Analyte		
		0.11.1	TILITOU		
8015 NM		Solid	Total TPH		

Method Summary

Client: WSP USA Inc.

Job ID: 890-2023-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: WSP USA Inc.

Project/Site: EVGSAU Satellite 3

Job ID: 890-2023-1

S

SDG: 31403720.000	Task 14.02	

Lab Sample ID Client Sample ID Matrix Collected Received Depth 890-2023-1 SS16 Solid 02/25/22 11:12 02/25/22 13:31 0.25

Total 200.7 / 6010

200.8 / 6020:

8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U

Ag SiO2 Na Sr Tl Sn U V Zn

1631 / 245.1 / 7470 / 7471 : Hg

Circle Method(s) and Metal(s) to be analyzed

				Chain of Custody	Work Order No.
				Chair of Castoay	
			Houston,TX (281) 240-42	Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334) 509-3334
	ABORATORIES		Midland, TX (432-704-5	Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296	
1		Hobbs,NM (575-392-7550) Phoenix,	Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,I	npa,FL (813-620-2000) www.xenco.com
Project Manager:	Kalei Jennings		Bill to: (if different)	nt) Kalei Jennings	Work Order Comments
Company Name:	WSP USA		Company Name:	me: WSP USA	Program: UST/PSTRPrownfieldsRC
Address:	3300 North A Street Building 1, unit 222	ding 1, unit 222	Address:	3300 North A Street Building 1, unit 222	State of Project:
City, State ZIP:	Midland, Texas 79705		City, State ZIP:	Midland, Texas 79705	Reporting:Level III
Phone:	817-683-2503		Email: Kalei.jennings@wsp.com	gs@wsp.com	Deliverables: EDD ADaPT Other:
Project Name:	EVGSAU Satellite 3		Turn Around	ANALYSIS	SIS REQUEST Work Order Notes
Project Number:	31403720.000 Task 14.02	ask 14.02	Routine []		
P.O. Number:			Rush: 3 Day		
Sampler's Name:	Payton Benner		Due Date:		
SAMPLE RECEIPT	IPT Temp Blank:	(Yes No	Wet Ice: YES No		
Temperature (°C):	1.4 1.2	Therm	Thermometer ID	ners	
Received Intact:	Yes) No	-WN -00	20	021)	223 Chain of Custody
Cooler Custody Seals:	S: Yes No MA	Correction Factor:	Factor: ~ 6.2	0=80 0=80 2A 3	
Sample Custody Seals:	Is: Yes No N/A	Total Containers:	ntainers:	PA 80	lab, if received by 4:30pm
Sample Identification	tification Matrix	Date Sampled Sa	Time Depth	Number TPH (EI BTEX (I	Sample Comments
5516	5	00/05/00	11.10 0.25	1	DISCRETE

Login Sample Receipt Checklist

 Client: WSP USA Inc.
 Job Number: 890-2023-1

 SDG Number: 31403720.000 Task 14.02

List Source: Eurofins Carlsbad
List Number: 1

Creator: Olivas, Nathaniel

<6mm (1/4").

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	N/A	

Eurofins Carlsbad

Released to Imaging: 4/5/2022 8:30:24 AM

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3/2/2022

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-2023-1

SDG Number: 31403720.000 Task 14.02

List Source: Eurofins Midland List Creation: 02/28/22 08:58 AM

Creator: Kramer, Jessica

Login Number: 2023

List Number: 2

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	N/A	

<6mm (1/4").



Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-2024-1

Laboratory Sample Delivery Group: 31403720.000 Task 14.02

Client Project/Site: EVGSAU Satellite 3

For:

WSP USA Inc. 2777 N. Stemmons Freeway **Suite 1600** Dallas, Texas 75207

Attn: Kalei Jennings

RAMER

Authorized for release by: 3/2/2022 9:57:19 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

.....LINKS

Review your project results through

Have a Question?



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www.eurofinsus.com/Env

Released to Imaging: 4/5/2022 8:30:24 AM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: WSP USA Inc. Project/Site: EVGSAU Satellite 3 Laboratory Job ID: 890-2024-1 SDG: 31403720.000 Task 14.02

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Definitions/Glossary

Client: WSP USA Inc. Job ID: 890-2024-1 Project/Site: EVGSAU Satellite 3

SDG: 31403720.000 Task 14.02

Qualifiers

GC VOA Qualifier

F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

Qualifier Description

GC Semi VOA

Qualifier	Qualifier Description

Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualitier	Qualifier Description

Indicates the analyte was analyzed for but not detected.

Glossary	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"

MQL

MDA

MDC

MDL

ML MPN

> Method Quantitation Limit Not Calculated

Method Detection Limit Minimum Level (Dioxin)

Most Probable Number

NC ND

Not Detected at the reporting limit (or MDL or EDL if shown)

Minimum Detectable Activity (Radiochemistry)

Minimum Detectable Concentration (Radiochemistry)

NEG Negative / Absent POS Positive / Present **PQL Practical Quantitation Limit**

PRES Presumptive **Quality Control** QC

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Job ID: 890-2024-1

Case Narrative

Client: WSP USA Inc. Project/Site: EVGSAU Satellite 3

SDG: 31403720.000 Task 14.02

Job ID: 890-2024-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-2024-1

Receipt

The sample was received on 2/25/2022 1:32 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Matrix: Solid

Lab Sample ID: 890-2024-1

Client Sample Results

Client: WSP USA Inc.

Job ID: 890-2024-1

Project/Site: EVGSALI Satellite 3

SDG: 31403720 000 Task 14 02

Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Client Sample ID: SS17

Date Collected: 02/25/22 11:14

Date Received: 02/25/22 13:32

Sample Depth: 0.25

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		03/02/22 16:00	03/02/22 22:34	1
Toluene	<0.00201	U	0.00201	mg/Kg		03/02/22 16:00	03/02/22 22:34	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		03/02/22 16:00	03/02/22 22:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		03/02/22 16:00	03/02/22 22:34	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		03/02/22 16:00	03/02/22 22:34	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		03/02/22 16:00	03/02/22 22:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130			03/02/22 16:00	03/02/22 22:34	1
1,4-Difluorobenzene (Surr)	80		70 - 130			03/02/22 16:00	03/02/22 22:34	1
Method: Total BTEX - Total BTEX	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			03/02/22 22:47	1
Analyte Total TPH		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9							
	140.0	U	49.9	mg/Kg			03/02/22 20:33	1
Method: 8015B NM - Diesel Ran			49.9	mg/Kg			03/02/22 20:33	1
	ge Organics (D		49.9 RL	mg/Kg Unit	D	Prepared	03/02/22 20:33 Analyzed	Dil Fac
Analyte Gasoline Range Organics	ge Organics (D	RO) (GC) Qualifier			<u>D</u>	Prepared 02/28/22 16:41		Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	ge Organics (D	RO) (GC) Qualifier	RL	Unit	<u>D</u>	<u>.</u>	Analyzed	
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ge Organics (D Result <49.9	RO) (GC) Qualifier U	RL 49.9	Unit mg/Kg	<u>D</u>	02/28/22 16:41	Analyzed 03/01/22 03:24	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	ge Organics (D Result <49.9	RO) (GC) Qualifier U	RL 49.9	Unit mg/Kg mg/Kg	<u>D</u>	02/28/22 16:41	Analyzed 03/01/22 03:24 03/01/22 03:24	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	ge Organics (D Result <49.9 <49.9	RO) (GC) Qualifier U	RL 49.9 49.9 49.9	Unit mg/Kg mg/Kg	<u>D</u>	02/28/22 16:41 02/28/22 16:41 02/28/22 16:41	Analyzed 03/01/22 03:24 03/01/22 03:24 03/01/22 03:24	1 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	ge Organics (D Result <49.9 <49.9 <49.9 %Recovery	RO) (GC) Qualifier U	RL 49.9 49.9 49.9 <i>Limits</i>	Unit mg/Kg mg/Kg	<u>D</u>	02/28/22 16:41 02/28/22 16:41 02/28/22 16:41 Prepared	Analyzed 03/01/22 03:24 03/01/22 03:24 03/01/22 03:24 Analyzed	1 1 1 Dil Fac
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Ion Chro	ge Organics (D Result <49.9 <49.9 <49.9 **Recovery 111 108	RO) (GC) Qualifier U U Qualifier	RL 49.9 49.9 49.9 Limits 70 - 130	Unit mg/Kg mg/Kg	<u>D</u>	02/28/22 16:41 02/28/22 16:41 02/28/22 16:41 Prepared 02/28/22 16:41	Analyzed 03/01/22 03:24 03/01/22 03:24 03/01/22 03:24 Analyzed 03/01/22 03:24	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	ge Organics (D Result <49.9 <49.9 <49.9 **Recovery 111 108 **comatography -	RO) (GC) Qualifier U U Qualifier	RL 49.9 49.9 49.9 Limits 70 - 130	Unit mg/Kg mg/Kg	<u>D</u>	02/28/22 16:41 02/28/22 16:41 02/28/22 16:41 Prepared 02/28/22 16:41	Analyzed 03/01/22 03:24 03/01/22 03:24 03/01/22 03:24 Analyzed 03/01/22 03:24	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Surrogate Summary

 Client: WSP USA Inc.
 Job ID: 890-2024-1

 Project/Site: EVGSAU Satellite 3
 SDG: 31403720.000 Task 14.02

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

urrogate Recovery (Acceptance Limits)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-11774-A-1-E MS	Matrix Spike	106	105	
880-11774-A-1-F MSD	Matrix Spike Duplicate	101	91	
890-2024-1	SS17	111	108	
LCS 880-20541/2-A	Lab Control Sample	115	118	
LCSD 880-20541/3-A	Lab Control Sample Dup	127	121	
MB 880-20541/1-A	Method Blank	127	125	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: WSP USA Inc. Job ID: 890-2024-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-20605/5-A

Matrix: Solid

Analysis Batch: 20710

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 20605

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/02/22 16:00	03/02/22 20:20	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/02/22 16:00	03/02/22 20:20	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/02/22 16:00	03/02/22 20:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/02/22 16:00	03/02/22 20:20	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/02/22 16:00	03/02/22 20:20	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/02/22 16:00	03/02/22 20:20	1

мв мв

Surrogate	%Recovery	Qualifier	Limits	1	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	49	S1-	70 - 130	03/	02/22 16:00	03/02/22 20:20	1
1,4-Difluorobenzene (Surr)	101		70 - 130	03/	02/22 16:00	03/02/22 20:20	1

Lab Sample ID: LCS 880-20605/1-A

Matrix: Solid

Analysis Batch: 20710

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 20605

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1224		mg/Kg		122	70 - 130	
Toluene	0.100	0.1044		mg/Kg		104	70 - 130	
Ethylbenzene	0.100	0.1072		mg/Kg		107	70 - 130	
m-Xylene & p-Xylene	0.200	0.2201		mg/Kg		110	70 - 130	
o-Xylene	0.100	0.1072		mg/Kg		107	70 - 130	

LCS LCS

Surrogate	%Recovery Qualif	ier Limits
4-Bromofluorobenzene (Surr)	101	70 - 130
1,4-Difluorobenzene (Surr)	124	70 - 130

Lab Sample ID: LCSD 880-20605/2-A

Matrix: Solid

Analysis Batch: 20710

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 20605

	Spike	LCSD	LCSD				%Rec.		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1058		mg/Kg		106	70 - 130	15	35	
Toluene	0.100	0.09560		mg/Kg		96	70 - 130	9	35	
Ethylbenzene	0.100	0.1004		mg/Kg		100	70 - 130	6	35	
m-Xylene & p-Xylene	0.200	0.2080		mg/Kg		104	70 - 130	6	35	
o-Xylene	0.100	0.09996		mg/Kg		100	70 - 130	7	35	

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	97	70 - 130
1,4-Difluorobenzene (Surr)	102	70 - 130

Lab Sample ID: 880-11907-A-1-B MS

Matrix: Solid

Analysis Batch: 20710

Client Sample ID: Matrix Spike Prep Type: Total/NA

Prep Batch: 20605

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.101	0.07733		mg/Kg		77	70 - 130	
Toluene	<0.00200	U F1	0.101	0.06553	F1	mg/Kg		65	70 - 130	

Client: WSP USA Inc. Job ID: 890-2024-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-11907-A-1-B MS

Lab Sample ID: 880-11907-A-1-C MSD

Matrix: Solid

Matrix: Solid

Analysis Batch: 20710

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 20605 %Rec.

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00200	U F1	0.101	0.06954	F1	mg/Kg		69	70 - 130	
m-Xylene & p-Xylene	<0.00401	U	0.201	0.1418		mg/Kg		70	70 - 130	
o-Xylene	<0.00200	U	0.101	0.07034		mg/Kg		70	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits		
4-Bromofluorobenzene (Surr)	98		70 - 130		
1,4-Difluorobenzene (Surr)	106		70 - 130		

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 20605

Analysis Batch: 20710 Sample Sample Spike MSD MSD %Rec. RPD Result Qualifier Added Result Qualifier Limits RPD Limit Analyte Unit %Rec 0.100 0.07748 Benzene <0.00200 U mg/Kg 77 70 - 130 0 35 Toluene 0.100 0.06554 F1 <0.00200 UF1 mg/Kg 65 70 - 130 0 35 Ethylbenzene <0.00200 UF1 0.100 0.07098 mg/Kg 71 70 - 130 2 35 <0.00401 U 0.201 0.1454 72 70 - 130 35 m-Xylene & p-Xylene mg/Kg 3 0.100 <0.00200 U 0.07552 75 70 - 130 o-Xylene mg/Kg

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-20541/1-A

Matrix: Solid

Analysis Batch: 20405

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 20541

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		02/28/22 16:41	02/28/22 23:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/28/22 16:41	02/28/22 23:19	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/28/22 16:41	02/28/22 23:19	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130	02/28/22 16:41	02/28/22 23:19	1
o-Terphenyl	125		70 - 130	02/28/22 16:41	02/28/22 23:19	1

Lab Sample ID: LCS 880-20541/2-A

Matrix: Solid

Analysis Batch: 20405

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Prep Batch: 20541

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1115		mg/Kg		111	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	958.8		mg/Kg		96	70 - 130	
C10-C28)								

Client: WSP USA Inc. Job ID: 890-2024-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-20541/2-A Client Sample ID: Lab Control Sample

Limits

70 - 130

Matrix: Solid

1-Chlorooctane

Surrogate

C10-C28)

Analysis Batch: 20405

Prep Type: Total/NA

Prep Batch: 20541

Prep Type: Total/NA

o-Terphenyl 118 70 - 130

%Recovery Qualifier

115

LCS LCS

Lab Sample ID: LCSD 880-20541/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Total/NA

Analysis Batch: 20405 Prep Batch: 20541

Spike LCSD LCSD %Rec. RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1000 1159 116 70 - 13020 Gasoline Range Organics mg/Kg 4 (GRO)-C6-C10 Diesel Range Organics (Over 1000 997.6 100 mg/Kg 70 - 13020

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits		
1-Chlorooctane	127		70 - 130		
o-Terphenyl	121		70 - 130		

Lab Sample ID: 880-11774-A-1-E MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 20405

Prep Batch: 20541 Sample Sample Spike MS MS

Analyte Result Qualifier hahhA Result Qualifier Unit D %Rec Limits Gasoline Range Organics <50.0 U 1000 1167 mg/Kg 114 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 1000 965.6 mg/Kg 97 70 - 130

C10-C28)

MS MS Surrogate %Recovery Qualifier Limits 70 - 130 1-Chlorooctane 106 70 - 130 o-Terphenyl 105

Lab Sample ID: 880-11774-A-1-F MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid Prep Type: Total/NA Analysis Batch: 20405 Prep Batch: 20541

Sample Sample MSD MSD RPD Spike %Rec. Result Qualifier Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit <50.0 U 998 1094 107 Gasoline Range Organics mg/Kg 70 - 130 6 20

(GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 998 937.8 mg/Kg 94 70 - 130 3 20 C10-C28)

MSD MSD %Recovery Qualifier Surrogate Limits

1-Chlorooctane 101 70 - 130 91 70 - 130 o-Terphenyl

QC Sample Results

Client: WSP USA Inc. Job ID: 890-2024-1 Project/Site: EVGSAU Satellite 3

SDG: 31403720.000 Task 14.02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-20497/1-A

Analysis Batch: 20689

Matrix: Solid

Client Sample ID: Method Blank
Prep Type: Soluble

MB MB Dil Fac Analyte Result Qualifier RL Unit Prepared Analyzed Chloride <5.00 U 5.00 mg/Kg 03/02/22 12:08

Lab Sample ID: LCS 880-20497/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 20689

	Бріке	LCS LCS				%Rec.
Analyte	Added	Result Qua	alifier Unit	D	%Rec	Limits
Chloride	 250	272.4	mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-20497/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble** Analysis Batch: 20689

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	266.1		mg/Kg		106	90 - 110	2	20

Lab Sample ID: 890-2024-1 MS Client Sample ID: SS17 Matrix: Solid **Prep Type: Soluble**

Analysis Batch: 20689

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	26.5		251	278.5		mg/Kg	_	100	90 - 110	

Lab Sample ID: 890-2024-1 MSD

Matrix: Solid

Analysis Batch: 20689

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	26.5		251	258.8		mg/Kg		93	90 - 110	7	20

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Client Sample ID: SS17

Prep Type: Soluble

QC Association Summary

Client: WSP USA Inc.

Job ID: 890-2024-1

Project/Site: EVGSAU Satellite 3

SDG: 31403720.000 Task 14.02

GC VOA

Prep Batch: 20605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2024-1	SS17	Total/NA	Solid	5035	_
MB 880-20605/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-20605/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-20605/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-11907-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-11907-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 20710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2024-1	SS17	Total/NA	Solid	8021B	20605
MB 880-20605/5-A	Method Blank	Total/NA	Solid	8021B	20605
LCS 880-20605/1-A	Lab Control Sample	Total/NA	Solid	8021B	20605
LCSD 880-20605/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	20605
880-11907-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	20605
880-11907-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	20605

Analysis Batch: 20749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2024-1	SS17	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 20405

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2024-1	SS17	Total/NA	Solid	8015B NM	20541
MB 880-20541/1-A	Method Blank	Total/NA	Solid	8015B NM	20541
LCS 880-20541/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	20541
LCSD 880-20541/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	20541
880-11774-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	20541
880-11774-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	20541

Prep Batch: 20541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2024-1	SS17	Total/NA	Solid	8015NM Prep	
MB 880-20541/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-20541/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-20541/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-11774-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-11774-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 20564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2024-1	SS17	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 20497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2024-1	SS17	Soluble	Solid	DI Leach	
MB 880-20497/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-20497/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-20497/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

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QC Association Summary

Client: WSP USA Inc. Job ID: 890-2024-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

HPLC/IC (Continued)

Leach Batch: 20497 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2024-1 MS	SS17	Soluble	Solid	DI Leach	
890-2024-1 MSD	SS17	Soluble	Solid	DI Leach	

Analysis Batch: 20689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2024-1	SS17	Soluble	Solid	300.0	20497
MB 880-20497/1-A	Method Blank	Soluble	Solid	300.0	20497
LCS 880-20497/2-A	Lab Control Sample	Soluble	Solid	300.0	20497
LCSD 880-20497/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	20497
890-2024-1 MS	SS17	Soluble	Solid	300.0	20497
890-2024-1 MSD	SS17	Soluble	Solid	300.0	20497

Lab Chronicle

 Client: WSP USA Inc.
 Job ID: 890-2024-1

 Project/Site: EVGSAU Satellite 3
 SDG: 31403720.000 Task 14.02

Client Sample ID: SS17 Lab Sample ID: 890-2024-1

Date Collected: 02/25/22 11:14

Date Received: 02/25/22 13:32

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	20605	03/02/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20710	03/02/22 22:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20749	03/02/22 22:47	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20564	03/02/22 20:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	20541	02/28/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20405	03/01/22 03:24	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	20497	02/28/22 12:47	SC	XEN MID
Soluble	Analysis	300.0		1			20689	03/02/22 13:47	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: WSP USA Inc. Job ID: 890-2024-1 Project/Site: EVGSAU Satellite 3

SDG: 31403720.000 Task 14.02

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	Expiration Date
Texas	NELAP T104704400-21-22		06-30-22	
The following analytes	are included in this report, bu	ut the laboratory is not certifi	ed by the governing authority. This list ma	ay include analytes fo
the agency does not offer	fer certification.			
the agency does not of Analysis Method	fer certification . Prep Method	Matrix	Analyte	
9 ,		Matrix Solid	Analyte Total TPH	

Method Summary

Client: WSP USA Inc. Job ID: 890-2024-1 Project/Site: EVGSAU Satellite 3

SDG: 31403720.000 Task 14.02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: WSP USA Inc.

Project/Site: EVGSAU Satellite 3

Job ID: 890-2024-1

SDG: 31403720.000 Task 14.02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2024-1	SS17	Solid	02/25/22 11:14	02/25/22 13:32	0.25

3

4

5

9

11

12

14

City, State ZIP: Midland, Texas 79705 City, State ZIP: Midland, Texas 79705 Reporting: Level II Phone: 817-683-2503 Email: Kalei.jennings@wsp.com Project Name: EVGSAU Satellite 3 Turn Around ANALYSIS REQUEST Project Number: 31403720.000 Task 14.02 Routine [] P.O. Number: 9ayton Benner Due Date: SAMPLE RECEIPT Temp Blank: Ves No Wet Ice: Yes No Ves No Wet Ice: Yes No
iverables: EDD

Revised Date 051418 Rev. 2018 1

Login Sample Receipt Checklist

 Client: WSP USA Inc.
 Job Number: 890-2024-1

 SDG Number: 31403720.000 Task 14.02

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List Source: Eurofins Carlsbad
List Number: 1

Creator: Olivas, Nathaniel

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Login Sample Receipt Checklist

Client: WSP USA Inc. Job Number: 890-2024-1 SDG Number: 31403720.000 Task 14.02

Login Number: 2024 **List Source: Eurofins Midland** List Number: 2 List Creation: 02/28/22 08:58 AM Creator: Kramer, Jessica

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-2025-1

Laboratory Sample Delivery Group: 31403720.000 Task 14.02

Client Project/Site: EVGSAU Satellite 3

For:

WSP USA Inc. 2777 N. Stemmons Freeway Suite 1600 Dallas, Texas 75207

Attn: Kalei Jennings

JURAMER

Authorized for release by: 3/2/2022 7:37:28 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

Links

results through

Review your project

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Released to Imaging: 4/5/2022 8:30:24 AM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: WSP USA Inc. Project/Site: EVGSAU Satellite 3 Laboratory Job ID: 890-2025-1 SDG: 31403720.000 Task 14.02

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Definitions/Glossary

Client: WSP USA Inc. Job ID: 890-2025-1 Project/Site: EVGSAU Satellite 3

SDG: 31403720.000 Task 14.02

Qualifiers

GC VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

U Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
n	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry) EDL Estimated Detection Limit (Dioxin)

LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit ML Minimum Level (Dioxin) MPN Most Probable Number Method Quantitation Limit MQL

Not Calculated NC

QC

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present PQL Practical Quantitation Limit

PRES Presumptive

Quality Control RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

TFF Toxicity Equivalent Factor (Dioxin) TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: WSP USA Inc. Project/Site: EVGSAU Satellite 3

Job ID: 890-2025-1

SDG: 31403720.000 Task 14.02

Job ID: 890-2025-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-2025-1

Receipt

The samples were received on 2/25/2022 1:31 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Matrix: Solid

Lab Sample ID: 890-2025-1

Client: WSP USA Inc.

Job ID: 890-2025-1

Project/Site: EVGSALI Satellite 3

SDG: 31403720 000 Task 14 02

Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Client Sample ID: SS01
Date Collected: 02/25/22 10:50
Date Received: 02/25/22 13:31

Sample Depth: 0.25

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/02/22 08:00	03/02/22 16:42	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/02/22 08:00	03/02/22 16:42	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/02/22 08:00	03/02/22 16:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/02/22 08:00	03/02/22 16:42	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/02/22 08:00	03/02/22 16:42	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/02/22 08:00	03/02/22 16:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			03/02/22 08:00	03/02/22 16:42	1
1,4-Difluorobenzene (Surr)	85		70 - 130			03/02/22 08:00	03/02/22 16:42	1
Method: Total BTEX - Total BTE	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/02/22 10:25	1
	•	O) (GC)						
<u> </u>	Result	Qualifier	RL	Unit	<u>D</u>	Prepared	Analyzed	
<u> </u>			RL 49.9	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 03/02/22 09:22	
Total TPH	Result 71.6	Qualifier			<u>D</u>	Prepared		
Total TPH Method: 8015B NM - Diesel Ran	Result 71.6	Qualifier			<u>D</u>	Prepared Prepared		1
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	Result 71.6	Qualifier RO) (GC) Qualifier	49.9	mg/Kg			03/02/22 09:22	1 Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	Result 71.6 ge Organics (Dige Result	Qualifier RO) (GC) Qualifier	49.9	mg/Kg		Prepared	03/02/22 09:22 Analyzed	Dil Fac
	Result 71.6 ge Organics (Dige Result 49.9)	Qualifier RO) (GC) Qualifier U	49.9 RL 49.9	mg/Kg Unit mg/Kg		Prepared 03/01/22 09:47	03/02/22 09:22 Analyzed 03/01/22 16:49	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result	Qualifier RO) (GC) Qualifier U	49.9 RL 49.9 49.9	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/01/22 09:47 03/01/22 09:47	03/02/22 09:22 Analyzed 03/01/22 16:49 03/01/22 16:49	Dil Fac
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 71.6 ge Organics (Dige Result 49.9) 71.6 749.9	Qualifier RO) (GC) Qualifier U	49.9 RL 49.9 49.9 49.9	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/01/22 09:47 03/01/22 09:47	03/02/22 09:22 Analyzed 03/01/22 16:49 03/01/22 16:49	Dil Face 1 1 1 Dil Face
Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier RO) (GC) Qualifier U	49.9 RL 49.9 49.9 49.9 Limits	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/01/22 09:47 03/01/22 09:47 03/01/22 09:47 Prepared	03/02/22 09:22 Analyzed 03/01/22 16:49 03/01/22 16:49 03/01/22 16:49 Analyzed	Dil Fac
Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 71.6 ge Organics (D) Result <49.9 71.6 <49.9 %Recovery 113 111	Qualifier RO) (GC) Qualifier U	49.9 RL 49.9 49.9 49.9 Limits 70 - 130	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/01/22 09:47 03/01/22 09:47 03/01/22 09:47 Prepared 03/01/22 09:47	Analyzed 03/01/22 16:49 03/01/22 16:49 Analyzed 03/01/22 16:49	Dil Fac
Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier RO) (GC) Qualifier U	49.9 RL 49.9 49.9 49.9 Limits 70 - 130	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/01/22 09:47 03/01/22 09:47 03/01/22 09:47 Prepared 03/01/22 09:47	Analyzed 03/01/22 16:49 03/01/22 16:49 Analyzed 03/01/22 16:49	Dil Fac 1 Dil Fac 1 Dil Fac 1 Dil Fac 1 Dil Fac

Client Sample ID: SS02

Date Collected: 02/25/22 10:52

Lab Sample ID: 890-2025-2

Matrix: Solid

Date Received: 02/25/22 13:31

Sample Depth: 0.25

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		03/02/22 08:00	03/02/22 17:02	1
Toluene	<0.00201	U	0.00201	mg/Kg		03/02/22 08:00	03/02/22 17:02	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		03/02/22 08:00	03/02/22 17:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		03/02/22 08:00	03/02/22 17:02	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		03/02/22 08:00	03/02/22 17:02	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		03/02/22 08:00	03/02/22 17:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			03/02/22 08:00	03/02/22 17:02	1

Eurofins Carlsbad

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Matrix: Solid

Lab Sample ID: 890-2025-2

03/01/22 09:47

03/01/22 09:47

03/01/22 17:09

03/01/22 17:09

Matrix: Solid

Client: WSP USA Inc.

Job ID: 890-2025-1

Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Client Sample ID: SS02

Date Collected: 02/25/22 10:52 Date Received: 02/25/22 13:31

Sample Depth: 0.25

Method: 8021B - Volatile Organic	c Compounds	(GC) (Continued)
Welliou, 002 ID - Volalile Ordanii	c Compounds	(GC) (COIIIIIIueu)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	98		70 - 130	03/02/22 08:00	03/02/22 17:02	1

ı	Mothodi	Total DTEV	- Total BTEX	Coloulation
ı	wethou.	TOTAL DIEV	- IUIAI DIEA	Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			03/02/22 10:25	1

Method: 8015 NM - Diese	I Range Organics (DRO) (GC)
motifical contribution bicoc	in italigo organios (bito) (oo)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	66.1		50.0	mg/Kg			03/02/22 09:22	1

Method: 8015B	NM Discol	Dange Ore	aaniee (DD()) (CC)
MICHIOU. OU IOD	INIVI - DIESEI	Rallue Oli	ualiics lunc	JI (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/01/22 09:47	03/01/22 17:09	1
Diesel Range Organics (Over C10-C28)	66.1		50.0	mg/Kg		03/01/22 09:47	03/01/22 17:09	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/01/22 09:47	03/01/22 17:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

1-Chlorooctane	104	70 - 130
o-Terphenyl	98	70 - 130

Method: 300.0 - Anions, Ion Chromat	tography - Soluble						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Sample ID: SS03				Lab Sample ID: 890-20	
de	26.1	5.05	mg/Kg	03/02/22 14:11	1

Date Collected: 02/25/22 10:54 Date Received: 02/25/22 13:31

Sample Depth: 0.25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/02/22 08:00	03/02/22 17:23	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/02/22 08:00	03/02/22 17:23	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/02/22 08:00	03/02/22 17:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/02/22 08:00	03/02/22 17:23	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/02/22 08:00	03/02/22 17:23	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/02/22 08:00	03/02/22 17:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			03/02/22 08:00	03/02/22 17:23	1
1,4-Difluorobenzene (Surr)	101		70 - 130			03/02/22 08:00	03/02/22 17:23	1

Method:	Total RTF)	(- Total RTFX	Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	ma/Ka			03/02/22 10:25	1

	Method: 8015 NM -	- Diesel Range	Organics	(DRO)	(GC)
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Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	60.7	50.0	mg/Kg			03/02/22 09:22	1

Client: WSP USA Inc. Job ID: 890-2025-1

Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Client Sample ID: SS03 Lab Sample ID: 890-2025-3 Date Collected: 02/25/22 10:54 Matrix: Solid Date Received: 02/25/22 13:31

Sample Depth: 0.25

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		03/01/22 09:47	03/01/22 17:29	1
(GRO)-C6-C10								
Diesel Range Organics (Over	60.7		50.0	mg/Kg		03/01/22 09:47	03/01/22 17:29	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/01/22 09:47	03/01/22 17:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130			03/01/22 09:47	03/01/22 17:29	1
o-Terphenyl	95		70 - 130			03/01/22 09:47	03/01/22 17:29	1
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Lab Sample ID: 890-2025-4 **Client Sample ID: SS04** Date Collected: 02/25/22 10:56 **Matrix: Solid**

Date Received: 02/25/22 13:31

Sample Depth: 0.25

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		03/02/22 08:00	03/02/22 17:43	1
Toluene	<0.00202	U	0.00202	mg/Kg		03/02/22 08:00	03/02/22 17:43	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		03/02/22 08:00	03/02/22 17:43	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		03/02/22 08:00	03/02/22 17:43	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		03/02/22 08:00	03/02/22 17:43	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		03/02/22 08:00	03/02/22 17:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			03/02/22 08:00	03/02/22 17:43	1
1,4-Difluorobenzene (Surr)	99		70 - 130			03/02/22 08:00	03/02/22 17:43	1
Method: Total BTEX - Total BTEX	Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			03/02/22 10:25	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			03/02/22 09:22	1
Method: 8015B NM - Diesel Rang	je Organics (D	RO) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		03/01/22 09:47	03/01/22 17:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		03/01/22 09:47	03/01/22 17:49	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		03/01/22 09:47	03/01/22 17:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130			03/01/22 09:47	03/01/22 17:49	1
o-Terphenyl	106		70 - 130			03/01/22 09:47	03/01/22 17:49	1

Client: WSP USA Inc.

Job ID: 890-2025-1

Project/Site: EVCSAU Satellite 3

Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Client Sample ID: SS04

Date Collected: 02/25/22 10:56

Date Received: 02/25/22 13:31

Lab Sample ID: 890-2025-4

Matrix: Solid

Sample Depth: 0.25

Method: 300.0 - Anions, Ion Chroma	atography - So	oluble						
Analyte	Result Q	ualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.8		5.03	mg/Kg			03/02/22 14:35	1

Client Sample ID: SS05

Date Collected: 02/25/22 10:58

Lab Sample ID: 890-2025-5

Matrix: Solid

Date Collected: 02/25/22 10:58 Date Received: 02/25/22 13:31

Sample Depth: 0.25

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		03/02/22 08:00	03/02/22 18:04	1
Toluene	<0.00202	U	0.00202	mg/Kg		03/02/22 08:00	03/02/22 18:04	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		03/02/22 08:00	03/02/22 18:04	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		03/02/22 08:00	03/02/22 18:04	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		03/02/22 08:00	03/02/22 18:04	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		03/02/22 08:00	03/02/22 18:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			03/02/22 08:00	03/02/22 18:04	1
1,4-Difluorobenzene (Surr)	102		70 - 130			03/02/22 08:00	03/02/22 18:04	1
Method: Total BTEX - Total BTE	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			03/02/22 10:25	1
Method: 8015 NM - Diesel Range Analyte Total TPH		Qualifier	RL 50.0	Mg/Kg	<u>D</u>	Prepared	Analyzed 03/02/22 09:22	Dil Fac
Method: 8015B NM - Diesel Ran	ge Organics (D	RO) (GC)						
Analyte	• •	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/01/22 09:47	03/01/22 18:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/01/22 09:47	03/01/22 18:09	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/01/22 09:47	03/01/22 18:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130			03/01/22 09:47	03/01/22 18:09	1
o-Terphenyl	104		70 - 130			03/01/22 09:47	03/01/22 18:09	1
Method: 300.0 - Anions, Ion Chr	omatography -	Soluble						
,								
Analyte	•	Qualifier	RL	Unit mg/Kg	D	Prepared	Analyzed	Dil Fac

Client: WSP USA Inc. Job ID: 890-2025-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Client Sample ID: SS06

Lab Sample ID: 890-2025-6 Date Collected: 02/25/22 11:00 Matrix: Solid Date Received: 02/25/22 13:31

Sample Depth: 0.25

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/02/22 08:00	03/02/22 18:24	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/02/22 08:00	03/02/22 18:24	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/02/22 08:00	03/02/22 18:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		03/02/22 08:00	03/02/22 18:24	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/02/22 08:00	03/02/22 18:24	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		03/02/22 08:00	03/02/22 18:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130			03/02/22 08:00	03/02/22 18:24	1
1,4-Difluorobenzene (Surr)	92		70 - 130			03/02/22 08:00	03/02/22 18:24	1
Method: Total BTEX - Total BTEX	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			03/02/22 10:25	1
Mathada 0045 NM - Diagal Danna	Owenies (DD)	0) (00)						
Method: 8015 NM - Diesel Range	e Organics (DR)	U) (GC)						
_	Posult	Qualifier	DI	Unit	n	Droparod	Analyzod	Dil Eac
Analyte		Qualifier	RL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed	
Analyte Total TPH	Result <50.0		50.0 FL	Mg/Kg	<u>D</u>	Prepared	Analyzed 03/02/22 09:22	Dil Fac
Analyte Total TPH	<50.0	U			<u>D</u>	Prepared		
Analyte	<50.0	U			<u>D</u>	Prepared Prepared		1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	<50.0	RO) (GC) Qualifier	50.0	mg/Kg			03/02/22 09:22	1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.0 ge Organics (D	CODE (GC) Qualifier U	50.0	mg/Kg		Prepared	03/02/22 09:22 Analyzed	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	<50.0 ge Organics (Digensity Result < 50.0	RO) (GC) Qualifier U	50.0 RL 50.0	mg/Kg Unit mg/Kg		Prepared 03/01/22 09:47	03/02/22 09:22 Analyzed 03/01/22 18:29	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0 ge Organics (Di Result <50.0 <50.0 <50.0	U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/01/22 09:47 03/01/22 09:47 03/01/22 09:47	03/02/22 09:22 Analyzed 03/01/22 18:29 03/01/22 18:29	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0 ge Organics (Di Result <50.0 <50.0	U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/01/22 09:47 03/01/22 09:47	03/02/22 09:22 Analyzed 03/01/22 18:29 03/01/22 18:29	Dil Fac 1 1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0 %Recovery	U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0 50.0 Limits	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/01/22 09:47 03/01/22 09:47 03/01/22 09:47 Prepared	03/02/22 09:22 Analyzed 03/01/22 18:29 03/01/22 18:29 03/01/22 18:29 Analyzed	Dil Fac 1 1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0 <50.0 <50.0 90	CODE CODE CODE CODE CODE CODE CODE CODE	50.0 RL 50.0 50.0 50.0 Limits 70 - 130	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/01/22 09:47 03/01/22 09:47 03/01/22 09:47 Prepared 03/01/22 09:47	03/02/22 09:22 Analyzed 03/01/22 18:29 03/01/22 18:29 Analyzed 03/01/22 18:29	1 Dil Fac 1 1 1 1 Dil Fac 1 1
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0 <50.0 $CODE CODE CODE CODE CODE CODE CODE CODE50.0 RL 50.0 50.0 50.0 Limits 70 - 130mg/Kg Unit mg/Kg mg/KgPrepared 03/01/22 09:47 03/01/22 09:47 03/01/22 09:47 Prepared 03/01/22 09:4703/02/22 09:22 Analyzed 03/01/22 18:29 03/01/22 18:29 Analyzed 03/01/22 18:29Dil Fac 1 1 1 Dil Fac 1$	CODE CODE CODE CODE CODE CODE CODE CODE	50.0 RL 50.0 50.0 50.0 Limits 70 - 130	mg/Kg Unit mg/Kg mg/Kg		Prepared 03/01/22 09:47 03/01/22 09:47 03/01/22 09:47 Prepared 03/01/22 09:47	03/02/22 09:22 Analyzed 03/01/22 18:29 03/01/22 18:29 Analyzed 03/01/22 18:29	Dil Fac 1 1 1 Dil Fac 1

Client Sample ID: SS18 Lab Sample ID: 890-2025-7

Date Collected: 02/25/22 11:16 Date Received: 02/25/22 13:31

Sample Depth: 0.25

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/01/22 10:00	03/01/22 23:54	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/01/22 10:00	03/01/22 23:54	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/01/22 10:00	03/01/22 23:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/01/22 10:00	03/01/22 23:54	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/01/22 10:00	03/01/22 23:54	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/01/22 10:00	03/01/22 23:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130			03/01/22 10:00	03/01/22 23:54	

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Matrix: Solid

Matrix: Solid

Client: WSP USA Inc.

Job ID: 890-2025-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Client Sample ID: SS18 Lab Sample ID: 890-2025-7

Date Collected: 02/25/22 11:16 Date Received: 02/25/22 13:31

Sample Depth: 0.25

Method: 8021B - Volatile Organic Compounds	(GC) (Continued)
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Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1.4-Difluorobenzene (Surr)	98	70 - 130	03/01/22 10:00	03/01/22 23:54	1

Method: Total	BTEX - Total BTEX	Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/02/22 10:25	1

Mothod: 8015 NM - Diocol	Pango Organice (DPO) (CC)	

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9 U	49.9	ma/Ka			03/02/22 09:22	1	

Method: 8015B	NM Discol	Dange Ore	aaniee (DD()) (CC)
MICHIOU. OU IOD	INIVI - DIESEI	Rallue Oli	ualiics lunc	JI (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/01/22 09:47	03/01/22 18:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		03/01/22 09:47	03/01/22 18:49	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/01/22 09:47	03/01/22 18:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed
1-Chlorooctane	105		70 - 130	03/01/22 09:4	7 03/01/22 18:49
o-Terphenyl	99		70 - 130	03/01/22 09:4	7 03/01/22 18:49

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	195	4.95	mg/Kg			03/02/22 14:53	1

Client Sample ID: SS19 Lab Sample ID: 890-2025-8

Date Collected: 02/25/22 11:42 Date Received: 02/25/22 13:31

Sample Depth: 0.25

Method: 8021B -	Volatile Organic	c Compounds (GC)

		/						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/01/22 10:00	03/02/22 00:14	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/01/22 10:00	03/02/22 00:14	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/01/22 10:00	03/02/22 00:14	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		03/01/22 10:00	03/02/22 00:14	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/01/22 10:00	03/02/22 00:14	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		03/01/22 10:00	03/02/22 00:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			03/01/22 10:00	03/02/22 00:14	1
1,4-Difluorobenzene (Surr)	101		70 - 130			03/01/22 10:00	03/02/22 00:14	1

Mothod:	Total RT	EY - Tota	I DTEY	Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00401	U	0.00401	ma/Ka			03/02/22 10:25	1

Analyte	•	•	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH			<49.9	U	49.9	mg/Kg			03/02/22 09:22	1

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Matrix: Solid

Client: WSP USA Inc.

Job ID: 890-2025-1

Project/Site: EVGSAU Satellite 3

SDG: 31403720.000 Task 14.02

Client Sample ID: SS19

Lab Sample ID: 890-2025-8

Matrix: Solid

Date Collected: 02/25/22 11:42 Date Received: 02/25/22 13:31

Sample Depth: 0.25

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9	mg/Kg		03/01/22 09:47	03/01/22 19:09	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg		03/01/22 09:47	03/01/22 19:09	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/01/22 09:47	03/01/22 19:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130			03/01/22 09:47	03/01/22 19:09	1
o-Terphenyl	89		70 - 130			03/01/22 09:47	03/01/22 19:09	1
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	273		4.95	mg/Kg			03/02/22 14:58	

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0

9

10

13

14

DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: WSP USA Inc. Job ID: 890-2025-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-1991-A-1-E MS	Matrix Spike	101	101	
890-1991-A-1-F MSD	Matrix Spike Duplicate	101	100	
890-2025-1	SS01	112	85	
890-2025-2	SS02	100	98	
890-2025-3	SS03	111	101	
890-2025-4	SS04	106	99	
890-2025-5	SS05	108	102	
890-2025-6	SS06	109	92	
890-2025-7	SS18	104	98	
890-2025-8	SS19	108	101	
LCS 880-20516/1-A	Lab Control Sample	100	100	
LCSD 880-20516/2-A	Lab Control Sample Dup	98	100	
	Method Blank	98	94	

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

viatrix. Soliu				Fiep Type. Total/NA
				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-2019-A-1-D MS	Matrix Spike	109	89	
890-2019-A-1-E MSD	Matrix Spike Duplicate	116	100	
890-2025-1	SS01	113	111	
890-2025-2	SS02	104	98	
890-2025-3	SS03	102	95	
890-2025-4	SS04	108	106	
890-2025-5	SS05	109	104	
890-2025-6	SS06	101	90	
890-2025-7	SS18	105	99	
890-2025-8	SS19	99	89	
LCS 880-20589/2-A	Lab Control Sample	111	101	
LCSD 880-20589/3-A	Lab Control Sample Dup	114	105	
MB 880-20589/1-A	Method Blank	112	117	
Surrogate Legend				

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: WSP USA Inc. Job ID: 890-2025-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-20516/5-A

Matrix: Solid

Analysis Batch: 20576

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 20516

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/01/22 10:00	03/01/22 22:30	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/01/22 10:00	03/01/22 22:30	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/01/22 10:00	03/01/22 22:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/01/22 10:00	03/01/22 22:30	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/01/22 10:00	03/01/22 22:30	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/01/22 10:00	03/01/22 22:30	1

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	03/01/22 10:00	03/01/22 22:30	1
1,4-Difluorobenzene (Surr)	94		70 - 130	03/01/22 10:00	03/01/22 22:30	1

Lab Sample ID: LCS 880-20516/1-A

Matrix: Solid

Analysis Batch: 20576

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 20516

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09841		mg/Kg		98	70 - 130	
Toluene	0.100	0.09691		mg/Kg		97	70 - 130	
Ethylbenzene	0.100	0.09431		mg/Kg		94	70 - 130	
m-Xylene & p-Xylene	0.200	0.1938		mg/Kg		97	70 - 130	
o-Xylene	0.100	0.09516		mg/Kg		95	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifi	er Limits
4-Bromofluorobenzene (Surr)	100	70 - 130
1,4-Difluorobenzene (Surr)	100	70 - 130

Lab Sample ID: LCSD 880-20516/2-A

Matrix: Solid

Analysis Batch: 20576

Client San	iple ID: Lal	Control	Sample	Dup
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Prep Type: Total/NA Prep Batch: 20516

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.09840		mg/Kg		98	70 - 130	0	35
Toluene	0.100	0.09502		mg/Kg		95	70 - 130	2	35
Ethylbenzene	0.100	0.09401		mg/Kg		94	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1928		mg/Kg		96	70 - 130	1	35
o-Xylene	0.100	0.09419		mg/Kg		94	70 - 130	1	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1.4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-1991-A-1-E MS

Matrix: Solid

Analysis Batch: 20576

Client Sample ID: Matrix Spike Prep Type: Total/NA

Prep Batch: 20516

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00198	U	0.100	0.08390		mg/Kg		84	70 - 130	
Toluene	<0.00198	U	0.100	0.07892		mg/Kg		78	70 - 130	

Prep Type: Total/NA

Prep Batch: 20516

Client: WSP USA Inc. Job ID: 890-2025-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-1991-A-1-E MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 20576

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00198	U	0.100	0.07572		mg/Kg		75	70 - 130	
m-Xylene & p-Xylene	<0.00396	U	0.200	0.1593		mg/Kg		79	70 - 130	
o-Xylene	<0.00198	U	0.100	0.08156		mg/Kg		81	70 - 130	

MS MS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 101

70 - 130 1,4-Difluorobenzene (Surr) 101 70 - 130

Client Sample ID: Matrix Spike Duplicate Lab Sample ID: 890-1991-A-1-F MSD **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 20576

Analysis Batch: 20576									Prep	Batch:	20516
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00198	U	0.0992	0.08432		mg/Kg		85	70 - 130	1	35
Toluene	<0.00198	U	0.0992	0.07784		mg/Kg		78	70 - 130	1	35
Ethylbenzene	<0.00198	U	0.0992	0.07441		mg/Kg		74	70 - 130	2	35
m-Xylene & p-Xylene	<0.00396	U	0.198	0.1563		mg/Kg		78	70 - 130	2	35
o-Xylene	<0.00198	U	0.0992	0.08027		mg/Kg		80	70 - 130	2	35

MSD MSD Surrogate Qualifier Limits %Recovery 70 - 130 4-Bromofluorobenzene (Surr) 101 1,4-Difluorobenzene (Surr) 100 70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-20589/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA Prep Batch: 20589

Analysis Batch: 20580

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/01/22 09:47	03/01/22 10:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/01/22 09:47	03/01/22 10:39	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/01/22 09:47	03/01/22 10:39	1

MB MB Dil Fac Surrogate %Recovery Qualifier Limits Prepared Analyzed 70 - 130 03/01/22 09:47 1-Chlorooctane 112 03/01/22 10:39 o-Terphenyl 117 70 - 130 03/01/22 09:47 03/01/22 10:39

Lab Sample ID: LCS 880-20589/2-A **Client Sample ID: Lab Control Sample**

Matrix: Solid

Analysis Batch: 20580 Prep Batch: 20589

	Бріке	LUS	LUS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics	1000	910.3		mg/Kg		91	70 - 130
(GRO)-C6-C10							
Diesel Range Organics (Over	1000	912.6		mg/Kg		91	70 _ 130
C10-C28)							

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Prep Type: Total/NA

Client: WSP USA Inc. Job ID: 890-2025-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

101

Lab Sample ID: LCS 880-20589/2-A

Matrix: Solid

o-Terphenyl

Analysis Batch: 20580

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Prep Batch: 20589

LCS LCS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 111 70 - 130

70 - 130

Lab Sample ID: LCSD 880-20589/3-A

Matrix: Solid

Analysis Batch: 20580

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 20589

Spike LCSD LCSD %Rec. RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1000 920.0 92 70 - 13020 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 947.2 95 mg/Kg 70 - 13020 C10-C28)

LCSD LCSD

Surrogate %Recovery Qualifier Limits 70 - 130 1-Chlorooctane 114 105 70 - 130 o-Terphenyl

Lab Sample ID: 890-2019-A-1-D MS Client Sample ID: Matrix Spike

MS MS

Matrix: Solid

Analysis Batch: 20580

Prep Type: Total/NA

Prep Batch: 20589

Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits Gasoline Range Organics <50.0 U 1000 1009 mg/Kg 99 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 1000 960.7 mg/Kg 93 70 - 130 C10-C28)

Spike

MS MS %Recovery Surrogate

Qualifier Limits 70 - 130 1-Chlorooctane 109 70 - 130 o-Terphenyl 89

Lab Sample ID: 890-2019-A-1-E MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 20580

Prep Type: Total/NA

Prep Batch: 20589

RPD

Sample Sample MSD MSD Spike %Rec. Result Qualifier Analyte Added Result Qualifier Unit %Rec Limits RPD Limit U 998 1072 Gasoline Range Organics <50.0 mg/Kg 106 70 - 130 6 20 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 998 1078 mg/Kg 105 70 - 130 12 20

C10-C28)

MSD MSD

Sample Sample

Qualifier Surrogate %Recovery Limits 1-Chlorooctane 116 70 - 130 100 70 - 130 o-Terphenyl

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Client Sample ID: Matrix Spike

Client Sample ID: Matrix Spike Duplicate

QC Sample Results

Client: WSP USA Inc. Job ID: 890-2025-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-20497/1-A

Matrix: Solid

Analysis Batch: 20689

MB MB

Dil Fac Analyte Result Qualifier RL Unit D Prepared Analyzed Chloride <5.00 U 5.00 mg/Kg 03/02/22 12:08

Lab Sample ID: LCS 880-20497/2-A

Matrix: Solid

Analysis Batch: 20689

Spike LCS LCS %Rec. Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 272.4 mg/Kg 109 90 - 110

Lab Sample ID: LCSD 880-20497/3-A

Matrix: Solid

Analysis Batch: 20689

LCSD LCSD %Rec. RPD Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 266.1 mg/Kg 106 90 - 110

Lab Sample ID: 890-2024-A-1-H MS

Matrix: Solid

Analysis Batch: 20689

Spike MS MS Sample Sample %Rec. Analyte Result Qualifier Added %Rec Result Qualifier Unit Limits Chloride 26.5 251 278.5 100 90 - 110 mg/Kg

Lab Sample ID: 890-2024-A-1-I MSD

Matrix: Solid

Analysis Batch: 20689

Sample Sample Spike MSD MSD %Rec. RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 251 26.5 258.8 mg/Kg 93 90 - 110 20

QC Association Summary

 Client: WSP USA Inc.
 Job ID: 890-2025-1

 Project/Site: EVGSAU Satellite 3
 SDG: 31403720.000 Task 14.02

GC VOA

Prep Batch: 20516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2025-7	SS18	Total/NA	Solid	5035	
890-2025-8	SS19	Total/NA	Solid	5035	
MB 880-20516/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-20516/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-20516/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1991-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
890-1991-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 20523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2025-1	SS01	Total/NA	Solid	5035	
890-2025-2	SS02	Total/NA	Solid	5035	
890-2025-3	SS03	Total/NA	Solid	5035	
890-2025-4	SS04	Total/NA	Solid	5035	
890-2025-5	SS05	Total/NA	Solid	5035	
890-2025-6	SS06	Total/NA	Solid	5035	

Analysis Batch: 20576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2025-7	SS18	Total/NA	Solid	8021B	20516
890-2025-8	SS19	Total/NA	Solid	8021B	20516
MB 880-20516/5-A	Method Blank	Total/NA	Solid	8021B	20516
LCS 880-20516/1-A	Lab Control Sample	Total/NA	Solid	8021B	20516
LCSD 880-20516/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	20516
890-1991-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	20516
890-1991-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	20516

Analysis Batch: 20656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2025-1	SS01	Total/NA	Solid	8021B	20523
890-2025-2	SS02	Total/NA	Solid	8021B	20523
890-2025-3	SS03	Total/NA	Solid	8021B	20523
890-2025-4	SS04	Total/NA	Solid	8021B	20523
890-2025-5	SS05	Total/NA	Solid	8021B	20523
890-2025-6	SS06	Total/NA	Solid	8021B	20523

Analysis Batch: 20678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2025-1	SS01	Total/NA	Solid	Total BTEX	
890-2025-2	SS02	Total/NA	Solid	Total BTEX	
890-2025-3	SS03	Total/NA	Solid	Total BTEX	
890-2025-4	SS04	Total/NA	Solid	Total BTEX	
890-2025-5	SS05	Total/NA	Solid	Total BTEX	
890-2025-6	SS06	Total/NA	Solid	Total BTEX	
890-2025-7	SS18	Total/NA	Solid	Total BTEX	
890-2025-8	SS19	Total/NA	Solid	Total BTEX	

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QC Association Summary

 Client: WSP USA Inc.
 Job ID: 890-2025-1

 Project/Site: EVGSAU Satellite 3
 SDG: 31403720.000 Task 14.02

GC Semi VOA

Analysis Batch: 20580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2025-1	SS01	Total/NA	Solid	8015B NM	20589
890-2025-2	SS02	Total/NA	Solid	8015B NM	20589
890-2025-3	SS03	Total/NA	Solid	8015B NM	20589
890-2025-4	SS04	Total/NA	Solid	8015B NM	20589
890-2025-5	SS05	Total/NA	Solid	8015B NM	20589
890-2025-6	SS06	Total/NA	Solid	8015B NM	20589
890-2025-7	SS18	Total/NA	Solid	8015B NM	20589
890-2025-8	SS19	Total/NA	Solid	8015B NM	20589
MB 880-20589/1-A	Method Blank	Total/NA	Solid	8015B NM	20589
LCS 880-20589/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	20589
LCSD 880-20589/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	20589
890-2019-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	20589
890-2019-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	20589

Prep Batch: 20589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2025-1	SS01	Total/NA	Solid	8015NM Prep	
890-2025-2	SS02	Total/NA	Solid	8015NM Prep	
890-2025-3	SS03	Total/NA	Solid	8015NM Prep	
890-2025-4	SS04	Total/NA	Solid	8015NM Prep	
890-2025-5	SS05	Total/NA	Solid	8015NM Prep	
890-2025-6	SS06	Total/NA	Solid	8015NM Prep	
890-2025-7	SS18	Total/NA	Solid	8015NM Prep	
890-2025-8	SS19	Total/NA	Solid	8015NM Prep	
MB 880-20589/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-20589/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-20589/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2019-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2019-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 20665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2025-1	SS01	Total/NA	Solid	8015 NM	
890-2025-2	SS02	Total/NA	Solid	8015 NM	
890-2025-3	SS03	Total/NA	Solid	8015 NM	
890-2025-4	SS04	Total/NA	Solid	8015 NM	
890-2025-5	SS05	Total/NA	Solid	8015 NM	
890-2025-6	SS06	Total/NA	Solid	8015 NM	
890-2025-7	SS18	Total/NA	Solid	8015 NM	
890-2025-8	SS19	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 20497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2025-1	SS01	Soluble	Solid	DI Leach	
890-2025-2	SS02	Soluble	Solid	DI Leach	
890-2025-3	SS03	Soluble	Solid	DI Leach	
890-2025-4	SS04	Soluble	Solid	DI Leach	
890-2025-5	SS05	Soluble	Solid	DI Leach	
890-2025-6	SS06	Soluble	Solid	DI Leach	

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QC Association Summary

 Client: WSP USA Inc.
 Job ID: 890-2025-1

 Project/Site: EVGSAU Satellite 3
 SDG: 31403720.000 Task 14.02

HPLC/IC (Continued)

Leach Batch: 20497 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2025-7	SS18	Soluble	Solid	DI Leach	
890-2025-8	SS19	Soluble	Solid	DI Leach	
MB 880-20497/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-20497/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-20497/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2024-A-1-H MS	Matrix Spike	Soluble	Solid	DI Leach	
890-2024-A-1-I MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 20689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2025-1	SS01	Soluble	Solid	300.0	20497
890-2025-2	SS02	Soluble	Solid	300.0	20497
890-2025-3	SS03	Soluble	Solid	300.0	20497
890-2025-4	SS04	Soluble	Solid	300.0	20497
890-2025-5	SS05	Soluble	Solid	300.0	20497
890-2025-6	SS06	Soluble	Solid	300.0	20497
890-2025-7	SS18	Soluble	Solid	300.0	20497
890-2025-8	SS19	Soluble	Solid	300.0	20497
MB 880-20497/1-A	Method Blank	Soluble	Solid	300.0	20497
LCS 880-20497/2-A	Lab Control Sample	Soluble	Solid	300.0	20497
LCSD 880-20497/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	20497
890-2024-A-1-H MS	Matrix Spike	Soluble	Solid	300.0	20497
890-2024-A-1-I MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	20497

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Client: WSP USA Inc.

Date Received: 02/25/22 13:31

Project/Site: EVGSAU Satellite 3

Job ID: 890-2025-1

SDG: 31403720.000 Task 14.02

Client Sample ID: SS01 Lab Sample ID: 890-2025-1 Date Collected: 02/25/22 10:50

Matrix: Solid

XEN MID

Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab 5035 Total/NA Prep 5.01 g 5 mL 20523 03/02/22 08:00 KL XEN MID 8021B Total/NA Analysis 1 5 mL 5 mL 20656 03/02/22 16:42 KL XEN MID Total/NA Analysis Total BTEX 20678 03/02/22 10:25 ΑJ XEN MID Total/NA 8015 NM 20665 03/02/22 09:22 XEN MID Analysis 1 AJ Total/NA 8015NM Prep 10 mL 20589 03/01/22 09:47 DM XEN MID Prep 10.03 g Total/NA Analysis 8015B NM 20580 03/01/22 16:49 AJ XEN MID Soluble DI Leach 5.03 g 50 mL 20497 02/28/22 12:47 SC XEN MID Leach

Client Sample ID: SS02 Lab Sample ID: 890-2025-2

Date Collected: 02/25/22 10:52 **Matrix: Solid**

20689

03/02/22 14:05

CH

Date Received: 02/25/22 13:31

Analysis

300.0

Soluble

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	20523	03/02/22 08:00	KL	XEN MIC
Total/NA	Analysis	8021B		1	5 mL	5 mL	20656	03/02/22 17:02	KL	XEN MIC
Total/NA	Analysis	Total BTEX		1			20678	03/02/22 10:25	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20665	03/02/22 09:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20589	03/01/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20580	03/01/22 17:09	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	20497	02/28/22 12:47	SC	XEN MI
Soluble	Analysis	300.0		1			20689	03/02/22 14:11	CH	XEN MII

Client Sample ID: SS03 Lab Sample ID: 890-2025-3

Date Collected: 02/25/22 10:54 Date Received: 02/25/22 13:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	20523	03/02/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20656	03/02/22 17:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			20678	03/02/22 10:25	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20665	03/02/22 09:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20589	03/01/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20580	03/01/22 17:29	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	20497	02/28/22 12:47	SC	XEN MID
Soluble	Analysis	300.0		1			20689	03/02/22 14:29	CH	XEN MID

Client Sample ID: SS04 Lab Sample ID: 890-2025-4

Matrix: Solid Date Collected: 02/25/22 10:56 Date Received: 02/25/22 13:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	20523	03/02/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20656	03/02/22 17:43	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			20678	03/02/22 10:25	AJ	XEN MID

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Matrix: Solid

Lab Chronicle

Client: WSP USA Inc. Job ID: 890-2025-1 Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Client Sample ID: SS04 Lab Sample ID: 890-2025-4

Matrix: Solid

Date Collected: 02/25/22 10:56 Date Received: 02/25/22 13:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			20665	03/02/22 09:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	20589	03/01/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20580	03/01/22 17:49	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	20497	02/28/22 12:47	SC	XEN MID
Soluble	Analysis	300.0		1			20689	03/02/22 14:35	CH	XEN MID

Client Sample ID: SS05 Lab Sample ID: 890-2025-5

Date Collected: 02/25/22 10:58 **Matrix: Solid**

Date Received: 02/25/22 13:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	20523	03/02/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20656	03/02/22 18:04	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			20678	03/02/22 10:25	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20665	03/02/22 09:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	20589	03/01/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20580	03/01/22 18:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	20497	02/28/22 12:47	SC	XEN MID
Soluble	Analysis	300.0		1			20689	03/02/22 14:41	CH	XEN MID

Client Sample ID: SS06 Lab Sample ID: 890-2025-6

Date Collected: 02/25/22 11:00 Date Received: 02/25/22 13:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	20523	03/02/22 08:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20656	03/02/22 18:24	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			20678	03/02/22 10:25	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20665	03/02/22 09:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20589	03/01/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20580	03/01/22 18:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	20497	02/28/22 12:47	SC	XEN MID
Soluble	Analysis	300.0		1			20689	03/02/22 14:47	CH	XEN MID

Client Sample ID: SS18 Lab Sample ID: 890-2025-7

Date Collected: 02/25/22 11:16 Date Received: 02/25/22 13:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	20516	03/01/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20576	03/01/22 23:54	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			20678	03/02/22 10:25	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20665	03/02/22 09:22	AJ	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.02 g	10 mL	20589 20580	03/01/22 09:47 03/01/22 18:49	DM AJ	XEN MID XEN MID

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Matrix: Solid

Matrix: Solid

Client: WSP USA Inc.

Job ID: 890-2025-1

Project/Site: EVGSAU Satellite 3 SDG: 31403720.000 Task 14.02

Client Sample ID: SS18 Lab Sample ID: 890-2025-7

Date Collected: 02/25/22 11:16

Date Received: 02/25/22 13:31

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	20497	02/28/22 12:47	SC	XEN MID
Soluble	Analysis	300.0		1			20689	03/02/22 14:53	CH	XEN MID

Client Sample ID: SS19 Lab Sample ID: 890-2025-8

Date Collected: 02/25/22 11:42 Matrix: Solid

Date Received: 02/25/22 13:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	20516	03/01/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20576	03/02/22 00:14	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			20678	03/02/22 10:25	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20665	03/02/22 09:22	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	20589	03/01/22 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20580	03/01/22 19:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	20497	02/28/22 12:47	SC	XEN MID
Soluble	Analysis	300.0		1			20689	03/02/22 14:58	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: WSP USA Inc.

Job ID: 890-2025-1

Project/Site: EVGSAU Satellite 3

SDG: 31403720.000 Task 14.02

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	Expiration Date
Texas	NE	ELAP	T104704400-21-22	06-30-22
The following analytes	are included in this report bu	it the laboratory is not certific	ed by the governing authority. This list ma	av include analytes for
the agency does not of	• •	are resonately to not our in	od by the governing additionty. This list his	ay include analytes for
the agency does not of Analysis Method	• •	Matrix	Analyte	ay molade analytes for
0 ,	fer certification.	•	, , ,	

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Method Summary

Client: WSP USA Inc. Project/Site: EVGSAU Satellite 3

Job ID: 890-2025-1 SDG: 31403720.000 Task 14.02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Carlsbad

Sample Summary

Client: WSP USA Inc.

Project/Site: EVGSAU Satellite 3

Job ID: 890-2025-1

SDG: 31403720.000 Task 14.02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2025-1	SS01	Solid	02/25/22 10:50	02/25/22 13:31	0.25
890-2025-2	SS02	Solid	02/25/22 10:52	02/25/22 13:31	0.25
890-2025-3	SS03	Solid	02/25/22 10:54	02/25/22 13:31	0.25
890-2025-4	SS04	Solid	02/25/22 10:56	02/25/22 13:31	0.25
890-2025-5	SS05	Solid	02/25/22 10:58	02/25/22 13:31	0.25
890-2025-6	SS06	Solid	02/25/22 11:00	02/25/22 13:31	0.25
890-2025-7	SS18	Solid	02/25/22 11:16	02/25/22 13:31	0.25
890-2025-8	SS19	Solid	02/25/22 11:42	02/25/22 13:31	0.25

6

0

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Chain of Custody

Houston, TX (281) 240-4200 Dallas, TX (214) 902-0300 San Antonio, TX (210) 509-3334 Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296

Revised Date 051418 Rev. 2018 1		0								
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Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Date	ture)	red by: (Signature)	Received	,	y: (Signature	Relinquished by: (Signature)
	orced unless previously negotiated.	t service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the citent it such losses are use to circumscaled by the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the citent is used to see the cost of samples and shall not assume that the citent is used to see the cost of samples and shall not assume that the cost of samples are the cost of samples and shall not assume that the cost of samples and shall not assume that the cost of samples and shall not assume that the cost of samples and shall not assume that the cost of samples are the cost of samples and shall not assume that the cost of samples and shall not assume that the cost of samples and shall not assume that the cost of samples and shall not assume that the cost of samples are the cost of samples and shall not assume that the cost of samples are the cost of samples and shall not assume that the cost of samples are the cost of samples are the cost of samples and samples are the cost of samples are the cost o	nco, but not analy	nitted to Xe	sponsibility for any lo 5 for each sample subi	t and a charge of \$	ples and shall o each projec	ill be applied t	e liable only for the harge of \$75.00 w	f service. Xenco will b f Xenco. A minimum c
	rd terms and conditions	totice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions	to Xenco, its aff	nt compan	urchase order from clie	onstitutes a valid p	of samples co	elinquishment	document and re	otice: Signature of thi
	7 00 70 0100	Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	As Ba Be C	හි යි	TCLP / SPLP 6010: 8RCRA	TCLP/S	analyzed	Metal(s) to be	and	Circle Method(s)
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				+			+			
DISCRE / E			×	×	0.25	5/22 11:42	02/25/22	S	19	SS19
DISCRETE			×	×	0.25	5/22 11:16	02/25/22	S	18	SS18
DISCRETE			×	×	0.25	5/22 11:00	02/25/22	S	06	SS06
DISCRETE			×	×	0.25	5/22 10:58	02/25/22	S	05	SS05
DISCRETE			×	×	0.25	5/22 10:56	02/25/22	S	04	SS04
DISCRETE			×	 ×	0.25	5/22 10:54	02/25/22	S	03	SS03
DISCRETE			×	-1 ×	0.25	5/22 10:52	02/25/22	S	02	SS02
DISCRETE			×	1 ×	0.25	5/22 10:50	02/25/22	S	01	SS01
Sample Comments			BTEX Chlori	Numb	Depth	Time ed Sampled	Date X Sampled	Matrix	ntification	Sample Identification
lab, if received by 4:30pm				-		Total Containers:		No N/A	als: Yes	Sample Custody Seals:
TAT starts the day recevied by the			-		19-	Correction Factor:		No MA	als: Yes	Cooler Custody Seals:
	Chain of Custody	890-2025 Chain of				W-00-1	1-1	Yes No		Received Intact:
			-	ners		Thermometer ID		7:1	2.0	Temperature (°C):
					YES No	lo Wet Ice:	k: (Tes) No	Temp Blank:	EIPT	SAMPLE RECEIPT
					Due Date:	Due		ner	Payton Benner	Sampler's Name:
					Rush: 3 Day	Rus				P.O. Number:
					Routine []		Task 14.0	31403720.000 Task 14.02	314	roject Number:
Work Order Notes		ANALYSIS REQUEST			Turn Around			atellite 3	EVGSAU Satellite	Project Name:
Otner:	Deliverables: EDD ADAP1	Deliv	3	@wsp.cc	Email: Kalei.jennings@wsp.com	Ema		03	817-683-2503	hone:
Live IV	evel III		Midland, Texas 79705	Midla	City, State ZIP:			exas 79705	Midland, Texas 79705	City, State ZIP:
) : : :	1 **	3300 North A Street Building 1, unit 222	North A Street	3300	Address:	unit 222	uilding 1, 1	A Street B	3300 North A Street Building 1, unit 222	Address:
☐RC {☐perfund ☐	Program: UST/PST □RP □rownfields	Prog	USA	WSP USA	Company Name				WSP USA	Company Name:
ents	Work Order Comments		Kalei Jennings	Kale	Bill to: (if different)			ngs	Kalei Jennings	Project Manager:
ge	ww	Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)	900) Atlanta,GA	(480-355-0	2-7550) Phoenix,AZ	obbs,NM (575-39	Ŧ			1

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-2025-1

SDG Number: 31403720.000 Task 14.02

List Source: Eurofins Carlsbad

List Number: 1

Login Number: 2025

Creator: Olivas, Nathaniel

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	N/A	

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<6mm (1/4").

Login Sample Receipt Checklist

Client: WSP USA Inc. Job Number: 890-2025-1

SDG Number: 31403720.000 Task 14.02

List Source: Eurofins Midland List Creation: 02/28/22 08:58 AM

Creator: Kramer, Jessica

Login Number: 2025

List Number: 2

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	N/A	

Released to Imaging: 4/5/2022 8:30:24 AM

<6mm (1/4").

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

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

Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	NAPP2125634309
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Conoco Phillips	OGRID	
Contact Name	Kelsy Waggaman	Contact Telephone	(432) 688 - 9057
Contact email	Kelsy.Waggaman@ConocoPhillips.com	Incident # (assigned by OCD)	NAPP2125634309
Contact mailing address	600 West Illinois Avenue, Midlar	nd, Texas 79701	

Location of Release Source								
Latitude	de 32.7886 Longitude -103.479 (NAD 83 in decimal degrees to 5 decimal places)							
Site Name		EVGSAU S	atellite 3		Site Type	Tank Battery		
Date Release	Discovered	August 12,	2021		API# (if applicable)		
Unit Letter	Section	Township	Range		County			
J	32	17S	35E		Lea			
Surface Owne	er: 🔳 State	☐ Federal ☐ Tr	ibal Private (/	Name:)	

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)										
Crude Oil	Volume Released (bbls) 0.57	Volume Recovered (bbls) 0								
Produced Water	Volume Released (bbls) 5.1	Volume Recovered (bbls) 0								
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	■ Yes □ No								
Condensate	Volume Released (bbls)	Volume Recovered (bbls)								
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)								
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)								
Causa of Dalassa										

Cause of Release

The release was caused by a liquid release from flare stack.

The release was on the pad. A vacuum truck was dispatched to remove all freestanding fluids. Concho will evaluate the site to determine if we may commence remediation immediately or delineate any possible impact from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation activities.

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District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the response	ensible party consider this a major release?
Yes No		
If YES, was immediate no	otice given to the OCD? By whom? To w	hom? When and by what means (phone, email, etc)?
	Initial R	esponse
The responsible	party must undertake the following actions immediate	ely unless they could create a safety hazard that would result in injury
■ The source of the rele	ease has been stopped.	
■ The impacted area ha	s been secured to protect human health and	I the environment.
Released materials ha	ave been contained via the use of berms or	dikes, absorbent pads, or other containment devices.
	ecoverable materials have been removed an	
If all the actions described	d above have <u>not</u> been undertaken, explain	wny:
Per 19.15.29.8 B. (4) NM	AC the responsible party may commence	remediation immediately after discovery of a release. If remediation
has begun, please attach	a narrative of actions to date. If remedial	efforts have been successfully completed or if the release occurred please attach all information needed for closure evaluation.
regulations all operators are public health or the environs	required to report and/or file certain release not ment. The acceptance of a C-141 report by the	best of my knowledge and understand that pursuant to OCD rules and ifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have
addition, OCD acceptance o and/or regulations.	f a C-141 report does not relieve the operator o	eat to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name Brittar	ny N. Esparza	Title: Environmental Technician
Signature:	tanizoparne	
Brittany.Espar	ny N. Esparza za@ConocoPhillips.com	Date: 8/12/2021 Telephone: (432) 221-0398
OCD Only		
Received by: Ramona I	Marcus	Date: 9/13/2021

M	lac agas								Total Estimated Oil Volume of Spilled Liq other than Oil (bbl.)	5.109	0000	00000	0.000	0.000	0.000	0.000	0.000	0.000	00000	5 109
								ei e	Total Estimated Volume of Spilled Oil (bbl.)	0.568	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0 550
5634309							ation factor	if No, use factors above	Percentage of Oil if Spilled Fluid is a Mixture	10.00%										
NAPP2125634309							soil spilled-fluid satura	fluid saturation factor,	Total Estimated Volume of Spill (bbl.)	5.677	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5 677
L48 Spill Volume Estimate Form						Spill Calculation - Subsurface Spill - Rectangle	On Pad - 10.5%; Off Pad - 15.12% soil spilled-fluid saturation factor	Yes, On Pad - 8%; Off Pad - 13.57% soil spilled-fluid saturation factor, if No, use factors above.	Estimated volume of each area (bbl.)	37.547	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Total Volumo Dolosco
L48 Spill Vol			MST		flare stack	Spill Calculation -		Yes, On F	Soil Spilled-Fluid Saturation	15.12%										
	Facility Name & Number: EVGSAU Satellite 3	Asset Area: SENIM (BUCKEYE)	Release Discovery Date & Time: 8/10/2021 10:00PM MST	Oil Mixture	Provide any known details about the event. Liquid release from flare stack				Depth (in.)	90.0										
	y Name & Number	Asset Area:	overy Date & Time:	Release Type: Oil Mixture	ils about the event.		Was the release on pad or off-pad?	Has it rained at least a half inch in the last 24 hours?	Width (ft.)	0.08										
0.20.04 414			Release Disco		any known deta		Was the release	ast a half inch in	Length (ft.)	450.0									121 3-49-33 PM	
A A STORY OF THE S	Carea by Oche Marketer				Provide			Has it rained at le	Convert Irregular shape into a series of rectangles	Rectangle A	Rectangle B	Rectangle C	Rectangle D	Rectangle E	Rectangle F	Rectangle G	Rectangle H	Rectangle I	Nd EE-67-E 1200/E1/6 - oning and a posterior	0.00

te of New Mexico Page 161 of 164

Incident ID NA PRO125634300

Incident ID	NAPP2125634309
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>50-100</u> (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	rtical 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	ls.
☐ Data table of soil contaminant concentration data	
Depth to water determination Determination of water sources and significant watersources within 1/2 mile of the leteral extents of the release	
Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs	
☐ Borning of 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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Facility ID	
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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: Rahul Kaushik	Title: Field Environmental Coordinator			
Signature:	Date: 03/14/2022			
email: Rahul.Kaushik@conocophillips.com	Telephone: 432-238-3781			
OCD Only				
Received by:	Date:			

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Incident ID	NAPP2125634309
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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 report.

A scaled site and sampling diagram as described in 19.15.29.11 N	NMAC
Photographs of the remediated site prior to backfill or photos of t	he 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 OCD D	vistrict office must be notified 2 days prior to final sampling)
□ Description of remediation activities	
which may endanger public health or the environment. The acceptance	ertain release notifications and perform corrective actions for releases ce of a C-141 report by the OCD does not relieve the operator of and remediate contamination that pose a threat to groundwater, surface to of a C-141 report does not relieve the operator of responsibility for ions. The responsible party acknowledges they must substantially ditions that existed prior to the release or their final land use in
Printed Name: Rahul Kaushik	Title: Field Environmental Coordinator
Signature: Yawakii	Date: 03/14/2022
Email: Rahul.Kaushik@conocophillips.com	Telephone: <u>432-238-3781</u>
ODC Only	
Received by: Chad Hensley	Date: 04/05/2022
and remediate contamination that poses a threat to groundwater, surfaresponsible party of compliance with any other federal, state, or local	
Closure Approved by:	Date: 04/05/2022
Printed Name: Chad Hensley	Title: Environmental Specialist Advanced

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

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

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

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

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

CONDITIONS

Action 89908

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	89908
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created B	y Condition	Condition Date
chensle	y Closure approved.	4/5/2022