

**DOCKETED**

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<b>Project Title:</b>	COMPLIANCE-Luz Solar Electric Generating System Cogeneration AFC (150 MW) Units III-VII.
<b>TN #:</b>	241198
<b>Document Title:</b>	SEGS Kramer Junction 2021 2nd Semiannual Bioremediation Report
<b>Description:</b>	N/A
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<b>Organization:</b>	NextEra Energy
<b>Submitter Role:</b>	Applicant
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<b>Docketed Date:</b>	1/18/2022



2021 SECOND SEMIANNUAL  
BIOREMEDIATION MONITORING REPORT  
SEGS III – VII KRAMER JUNCTION  
Board Order No. 6-95-102

January 11, 2022

Prepared for:  
Luz Solar Partners III - VII Ltd. c/o  
NextEra Energy Operating Services, LLC  
41100 Highway 395  
Boron, California 93516

Prepared By:  
Northstar Environmental Remediation  
26225 Enterprise Court  
Lake Forest, California 92630

**SIGNATURE PAGE**

**2021 SECOND SEMIANNUAL BIOREMEDIATION MONITORING REPORT**

**SEGS III - VII KRAMER JUNCTION**

**BORON, CALIFORNIA**

**PROFESSIONAL STATEMENT**

I declare under the penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.

I further certify that this report has been reviewed by the appropriate authority at NextEra Energy Resources and is being submitted with their written consent.

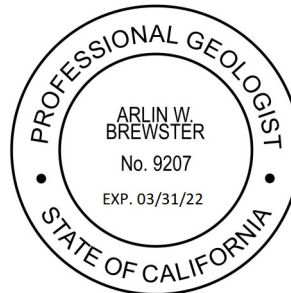


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Arlin W. Brewster

Professional Geologist 9207

January 11, 2022



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## 1.0 INTRODUCTION

Northstar Environmental Remediation (Northstar) of Lake Forest, California has prepared this 2021 Second Semiannual Bioremediation Monitoring Report for the Solar Electric Generating Station (SEGS) III – VII facility on behalf of NextEra Energy Operating Services, LLC (NextEra) and Luz Solar Partners III - VII Ltd. This report presents environmental data required under California Regional Water Quality Control Board - Lahontan Region (RWQCB) Order No. 6-95-102 Waste Discharge Requirements and Monitoring and Reporting Program. This report summarizes all bioremediation activity that occurred during the reporting period. Northstar currently conducts soil sampling associated with the bioremediation unit. A site vicinity map of SEGS III – VII is included in **Figure 1**.

### 1.1 Facility Information

**Facility Name:**

Solar Electric Generating Station (SEGS) III – VII

**Facility Location:**

41100 Highway 395  
Boron, California 92347

**Facility Contact:**

Ms. Maria Lopez  
Senior PGD Environmental Specialist  
NextEra Energy Operating Services, LLC  
(760) 921-1401

**Monitoring and Reporting Program:**

RWQCB Order No. 6-95-102 (6-90-24 rescinded)

**Waste Discharge Identification Number:**

6B368909005

### 1.2 Soil Treatment Units

The Bioremediation Unit is designed to treat soil contaminated with the heat transfer fluid (HTF) Therminol, which is used in the processes of the solar trough technology employed at the site. Onsite treatment of contaminated soils is accomplished through two soil treatment units onsite: the Bioremediation Unit (located between SEGS VI and VII), which is used for storage and treatment of HTF-impacted soils; and, the Landfarm Unit (located between SEGS III and IV), which is used for treatment by natural attenuation and for storage of remediated soils, staged for future use at the facility. The location of both Units are shown on **Figure 1**.

## 2.0 HEAT TRANSFER FLUID RELEASES

During the 2021 calendar year, only one spill over 25 gallons occurred. On August 12, a spill of approximately 35 gallons occurred near the 42G block of SEGS Unit III during demolition activities. All activities were ceased and the contaminated soil was excavated by the contractor, contained, and transported offsite for disposal. On August 31, Northstar collected confirmation soil samples from the north and south ends of the spill area, as well as the adjacent soil slope. The following summarizes the analytical results of these samples:

- SEGS III 42G-South:
  - 1,1'-Biphenyl: 3,400 mg/kg
  - 1,1'Oxybisbenzene: 9,100 mg/kg
- SEGS III 42G-North:
  - 1,1'-Biphenyl: 3,600 mg/kg
  - 1,1'Oxybisbenzene: 10,000 mg/kg
- SEGS III Slope:
  - 1,1'-Biphenyl: 34 mg/kg
  - 1,1'Oxybisbenzene: 89 mg/kg

Based on these results, additional soil was excavated and transported offsite for disposal. On October 17, Northstar collected a confirmation soil sample from the center of the excavation, with the following results:

- SEGS III Center Section-10-17-21:
  - 1,1'-Biphenyl: 7.7 mg/kg
  - 1,1'Oxybisbenzene: 23 mg/kg

No further excavation occurred following these favorable results. Copies of the laboratory reports are included in **Appendix A**.

### 3.0 TREATMENT AND MONITORING

The Bioremediation Unit is divided into a north and south half by a concrete divider (see **Figure 2**). The North half is designated for soil treatment, and the south half for HTF-impacted soil storage. The impacted soils are treated in smaller cells by mixing with a urea fertilizer (containing nitrogen, phosphorous, and potassium), adding moisture, and by aerating the soils on a weekly to bi-weekly basis. This activity enhances biodegradation of the HTF.

Monitoring is performed by visually inspecting the condition of the concrete divider and leakage detection sumps (performed by NextEra) and by collecting periodic, representative samples of the treated soil media (performed by Northstar). When HTF compounds are demonstrated to be below 1,000 parts per million (ppm) by an analytical laboratory, the treated soils are then staged in the Landfarm Unit where natural attenuation occurs. Once the HTF compounds are below 100 parts per million, they are staged for future use within the facility.

The following notes apply to the treatment and monitoring performed during the 2021 calendar year. A summary of all analytical data is included in **Table 1**.

- The Bioremediation Unit stockpile was subdivided into western, central, and eastern thirds and sampled at a depth of one foot and at the bottom on February 18, 2021. Based on analytical results, the western and central subdivisions were transferred to the Landfarm Unit for natural attenuation.
- A composite sample of the entire Landfarm Unit stockpile was collected on February 18, 2021. Based on analytical results, all soil in the Landfarm Unit was released for re-use within the facility.
- The Bioremediation Unit stockpile was subdivided into northeast, northwest, southeast, and southwest sections and sampled at a depth of one foot on July 8, 2021. Based on analytical results, all soil from the northeast, northwest, and southeast subdivisions was transferred to the Landfarm Unit for natural attenuation.
- Two samples were collected from the remaining southwestern stockpile of the Bioremediation Unit on August 31, 2021. Based on analytical results, this section of the stockpile was transferred to the Landfarm Unit.
- The annual sample from the Landfarm Unit was collected from a depth of 6 feet within the stockpile on December 4, 2021. Based on analytical results, this soil was released for re-use within the facility.
- No defects were discovered during inspections of the concrete divider and leakage detection sumps.
- No water accumulated in the leakage detection sumps.
- Soil aeration was performed as regularly scheduled.

## 4.0 SAMPLING AND ANALYTICAL SUMMARY

When required, soil samples are collected from four random, discrete locations within the soil stockpiles and transferred to a clean 5-gallon bucket with a clean stainless-steel trowel. All sampling apparatus are cleaned with non-phosphate detergent (typically Alconox, Liquinox, or equivalent) and triple-rinsed with deionized water prior to collecting all soil samples. The composited soil is then homogenized and transferred to laboratory-supplied, certified clean sample containers. The samples are labelled, sealed, and placed on ice to preserve the volatile compounds.

They are then transported under chain-of-custody protocols to Eurofins Calscience Irvine, a state- and federally-accredited laboratory located in Irvine, California (now located in Tustin, California as of late December). The soil samples are analyzed by Environmental Protection Agency Method 8015M for 1,1-Biphenyl and 1,1-Oxybisbenzene, which are volatile organic compounds characteristic of the HTF Therminol. The laboratory reports are then submitted directly to NextEra and Northstar personnel and are presented in **Appendix A** and summarized in **Table 1**. Please note that the additional samples included in the report (beginning with 'EP' designation) are unrelated to the Bioremediation or Landfarm Units.

Bioremediation Unit stockpile samples were collected on February 18, 2021 from a depth of 1 foot and from the bottom of the western, central, and eastern subdivision. 1,1'-Biphenyl was only detected at a concentration of 5.4 mg/kg in the bottom sample of the eastern subdivision. 1,1'Oxybisbenzene was detected at a concentration of 11 mg/kg in the bottom sample of the western subdivision, and at a concentration of 2,200 mg/kg in the bottom sample of the eastern subdivision. Based on these results, the soil from the western and central subdivisions were transferred to the Landfarm Unit for further remediation by natural attenuation.

A composite sample was collected from the entire Landfarm Unit stockpile on February 18, 2021. Both 1,1'-Biphenyl and 1,1'-Oxybisbenzene were non-detect in this sample. Based on these results, the stockpile was released for re-use within the facility. This soil was segregated prior to the addition of the soil from the Bioremediation Unit.

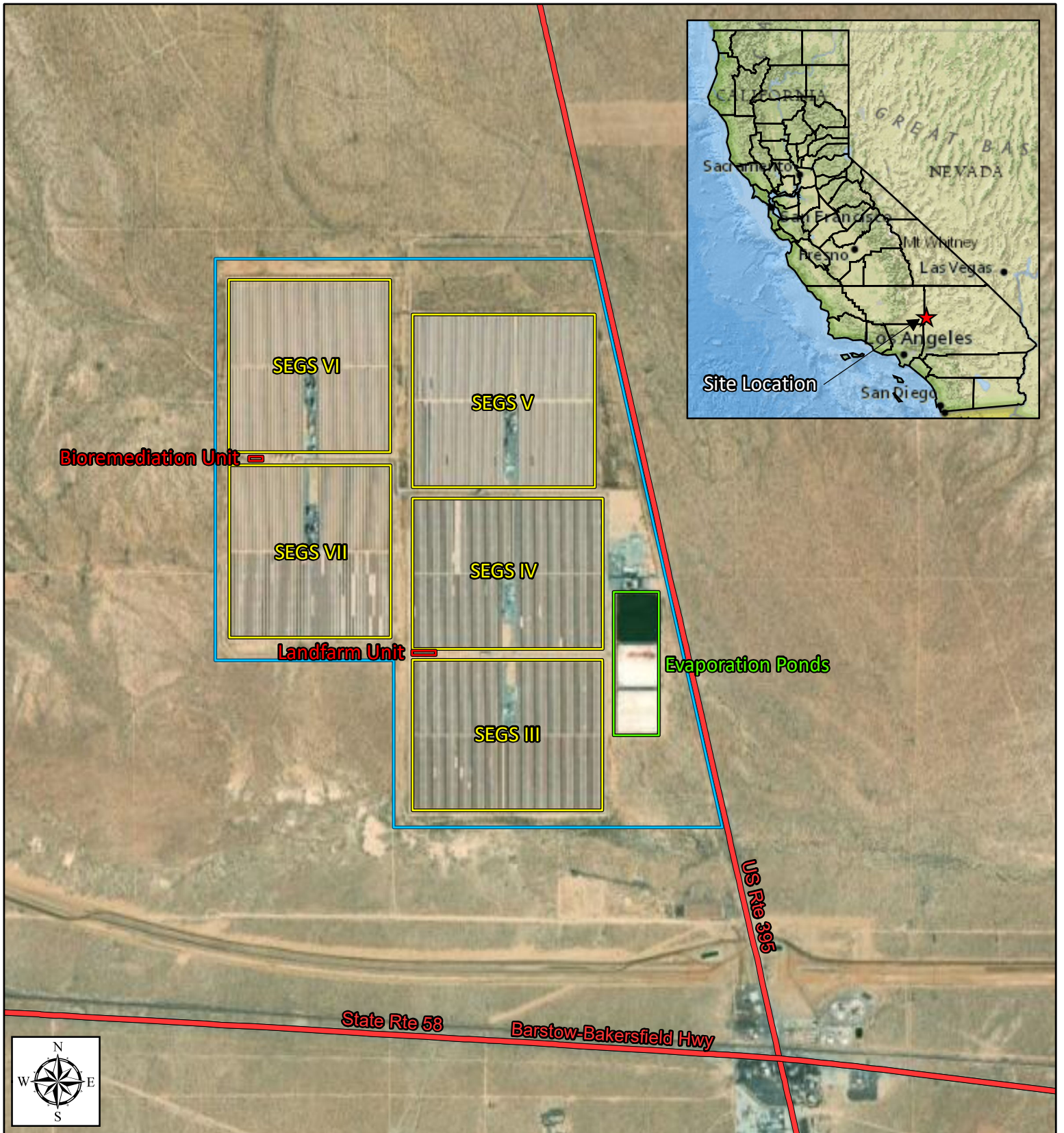
Bioremediation Unit stockpile samples were collected on July 8, 2021 from a depth of 1 foot in the northeast, northwest, southeast, and southwest subdivisions. 1,1'-Biphenyl was detected at a maximum concentration of 77 mg/kg in the southwest subdivision. 1,1'Oxybisbenzene was detected at a maximum concentration of 850 mg/kg in the southwest subdivision. Based on these results, the soil from the northeast, northwest, and southeast subdivisions were transferred to the Landfarm Unit for further remediation by natural attenuation, while soil in the southwest subdivision (while meeting the transfer criteria already) was kept in the Bioremediation Unit for further treatment.

Two confirmation samples were collected from the southwest stockpile of the Bioremediation Unit on August 31, 2021. 1,1'-Biphenyl was detected at a maximum concentration of 11 mg/kg and 1,1'Oxybisbenzene was detected at a maximum concentration of 70 mg/kg. Based on these results, this stockpile was transferred to the Landfarm Unit for further remediation by natural attenuation.

The annual Landfarm Unit sample was collected from a depth of 6 feet within the stockpile on December 4, 2021. Both 1,1'-Biphenyl and 1,1'Oxybisbenzene were non-detect for HTF. Based on these results, this soil was released for re-use within the facility.



# FIGURES



**Legend**

- Facility Boundary
- Solar Fields
- Land Treatment Units
- Evaporation Ponds

SEGS III - VII Kramer Junction  
Boron, California

**Figure 1**  
**Site Location**  
**and Vicinity Map**

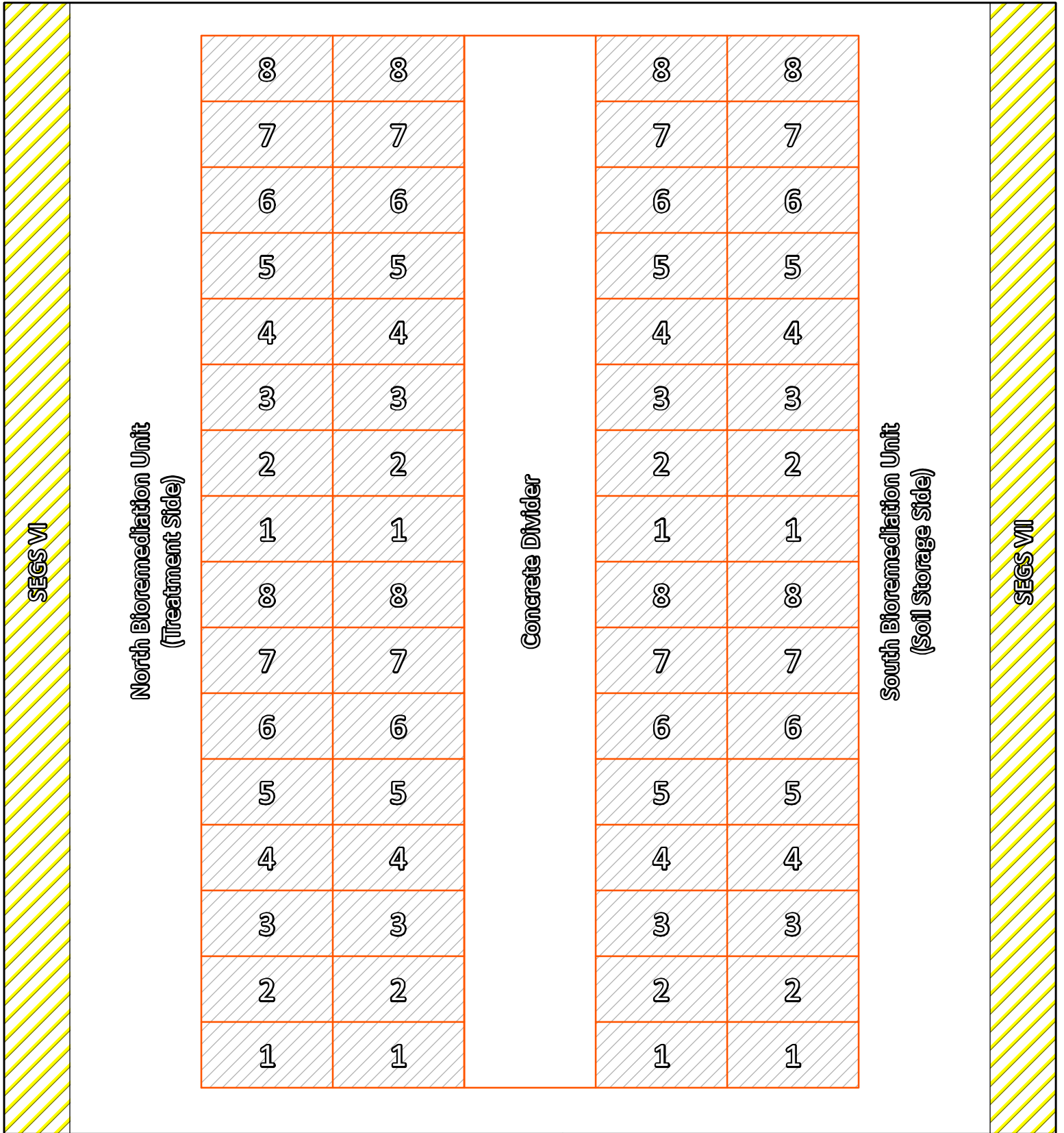


Scale: 1:30,000



Date: 07 Jul 2020

Drawn By: AWB

Checked By: AWB



**Legend**

-  Bioremediation Unit
-  Solar Field

SEGS III - VII Kramer Junction  
Boron, California

**Figure 2**  
**Bioremediation Unit**  
**Layout Schematic**



Scale: NTS

Date: 07 Jul 2020

Drawn By: AWB

Checked By: AWB

# TABLE

**Table 1**  
**Summary of Analytical Results**

Sample ID	Sample Type	Sample Date	Analytical Results	
			1,1'-Biphenyl (mg/kg)	1,1'-Oxybisbenzene (mg/kg)
BR West@1'	Bioremediation Soil	18-Feb-21	ND<5.1	ND<5.1
BR West@Bottom	Bioremediation Soil	18-Feb-21	ND<5.0	<b>11</b>
BR Center@1'	Bioremediation Soil	18-Feb-21	ND<4.9	ND<4.9
BR Center@Bottom	Bioremediation Soil	18-Feb-21	ND<4.9	ND<4.9
BR East@1'	Bioremediation Soil	18-Feb-21	ND<5.0	ND<5.0
BR East@Bottom	Bioremediation Soil	18-Feb-21	<b>5.4</b>	<b>2,200</b>
LF Composite	Landfarm Soil	18-Feb-21	ND<5.0	ND<5.0
BR Northwest	Bioremediation Soil	8-Jul-21	<b>22</b>	<b>82</b>
BR Southeast	Bioremediation Soil	8-Jul-21	<b>4.9</b>	<b>69</b>
BR Northeast	Bioremediation Soil	8-Jul-21	ND<5.1	ND<5.1
BR Southwest	Bioremediation Soil	8-Jul-21	<b>77</b>	<b>850</b>
BR Southwest #1	Bioremediation Soil	31-Aug-21	<b>11</b>	<b>70</b>
BR Southwest #2	Bioremediation Soil	31-Aug-21	<b>7.5</b>	<b>56</b>
LF@6'-12-4-21	Landfarm Soil	4-Dec-21	ND<4.8	ND<4.8

Notes:

Samples analyzed by EPA Method 8015B Modified for Therminol

mg/kg = milligrams per kilogram (parts per million)

ND = analyte not detected at or above the displayed laboratory reporting limit

# **APPENDIX A**

## **LABORATORY REPORTS**



## ANALYTICAL REPORT

Eurofins Calscience Irvine  
17461 Derian Ave  
Suite 100  
Irvine, CA 92614-5817  
Tel: (949)261-1022

Laboratory Job ID: 440-279274-1

Client Project/Site: Nextera - Kramer Junction

For:

FPL Energy Solar Partners III-VII, LLC  
41100 Highway 395  
Boron, California 93516

Attn: Glen King



Authorized for release by:  
3/3/2021 4:59:28 PM

Sheri Fama, Project Manager I  
(949)260-3274  
[Sheri.Fama@Eurofinset.com](mailto:Sheri.Fama@Eurofinset.com)

### LINKS

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results through  
**TotalAccess**

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*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*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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# Sample Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
440-279274-1	BR West@1'	Solid	02/18/21 08:45	02/18/21 15:40	
440-279274-2	BR West@Bottom	Solid	02/18/21 08:55	02/18/21 15:40	
440-279274-3	BR Center@1'	Solid	02/18/21 09:00	02/18/21 15:40	
440-279274-4	BR Center@Bottom	Solid	02/18/21 09:10	02/18/21 15:40	
440-279274-5	BR East@1'	Solid	02/18/21 09:20	02/18/21 15:40	
440-279274-6	BR East@Bottom	Solid	02/18/21 09:30	02/18/21 15:40	
440-279274-7	LF Composite	Solid	02/18/21 10:00	02/18/21 15:40	
440-279274-8	EP5-NW	Solid	02/18/21 10:45	02/18/21 15:40	
440-279274-9	EP5-NE	Solid	02/18/21 11:00	02/18/21 15:40	
440-279274-10	EP5-SE	Solid	02/18/21 11:10	02/18/21 15:40	
440-279274-11	EP5-SW	Solid	02/18/21 11:30	02/18/21 15:40	
440-279274-12	EP5-Center	Solid	02/18/21 11:40	02/18/21 15:40	
440-279274-13	EP4-NW	Solid	02/18/21 11:50	02/18/21 15:40	
440-279274-14	EP4-NE	Solid	02/18/21 12:05	02/18/21 15:40	
440-279274-15	EP4-SE	Solid	02/18/21 12:10	02/18/21 15:40	
440-279274-16	EP4-SW	Solid	02/18/21 12:20	02/18/21 15:40	
440-279274-17	EP4-Center	Solid	02/18/21 12:30	02/18/21 15:40	
440-279274-18	EP3-NW	Solid	02/18/21 12:40	02/18/21 15:40	
440-279274-19	EP3-NE	Solid	02/18/21 12:50	02/18/21 15:40	
440-279274-20	EP3-SE	Solid	02/18/21 13:00	02/18/21 15:40	
440-279274-21	EP3-SW	Solid	02/18/21 13:05	02/18/21 15:40	
440-279274-22	EP3-Center	Solid	02/18/21 13:15	02/18/21 15:40	

# Case Narrative

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

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## Job ID: 440-279274-1

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### Laboratory: Eurofins Calscience Irvine

#### Narrative

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#### Job Narrative 440-279274-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 2/18/2021 3:40 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 was 5.8° C.

#### GC Semi VOA

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

#### Metals

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for Barium and Antimony were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) precision was within acceptance limits.

Method 6010B: The following sample was diluted due to the nature of the sample matrix: EP5-Center (440-279274-12). Elevated reporting limits (RLs) are provided.

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

#### Organic Prep

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



# Client Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

**Client Sample ID: BR West@1'**

**Lab Sample ID: 440-279274-1**

Date Collected: 02/18/21 08:45

Matrix: Solid

Date Received: 02/18/21 15:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		5.1	mg/Kg		02/27/21 16:20	03/02/21 18:00	1
1,1'-Biphenyl	ND		5.1	mg/Kg		02/27/21 16:20	03/02/21 18:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	113		61 - 145			02/27/21 16:20	03/02/21 18:00	1

**Client Sample ID: BR West@Bottom**

**Lab Sample ID: 440-279274-2**

Date Collected: 02/18/21 08:55

Matrix: Solid

Date Received: 02/18/21 15:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	11		5.0	mg/Kg		02/27/21 16:20	03/02/21 18:27	1
1,1'-Biphenyl	ND		5.0	mg/Kg		02/27/21 16:20	03/02/21 18:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	116		61 - 145			02/27/21 16:20	03/02/21 18:27	1

**Client Sample ID: BR Center@1'**

**Lab Sample ID: 440-279274-3**

Date Collected: 02/18/21 09:00

Matrix: Solid

Date Received: 02/18/21 15:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		4.9	mg/Kg		02/27/21 16:20	03/02/21 18:53	1
1,1'-Biphenyl	ND		4.9	mg/Kg		02/27/21 16:20	03/02/21 18:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	116		61 - 145			02/27/21 16:20	03/02/21 18:53	1

**Client Sample ID: BR Center@Bottom**

**Lab Sample ID: 440-279274-4**

Date Collected: 02/18/21 09:10

Matrix: Solid

Date Received: 02/18/21 15:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		4.9	mg/Kg		02/27/21 16:20	03/02/21 19:19	1
1,1'-Biphenyl	ND		4.9	mg/Kg		02/27/21 16:20	03/02/21 19:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	128		61 - 145			02/27/21 16:20	03/02/21 19:19	1

**Client Sample ID: BR East@1'**

**Lab Sample ID: 440-279274-5**

Date Collected: 02/18/21 09:20

Matrix: Solid

Date Received: 02/18/21 15:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		5.0	mg/Kg		02/27/21 16:20	03/02/21 19:46	1
1,1'-Biphenyl	ND		5.0	mg/Kg		02/27/21 16:20	03/02/21 19:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	117		61 - 145			02/27/21 16:20	03/02/21 19:46	1

Eurofins Calscience Irvine

# Client Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

**Client Sample ID: BR East@Bottom**

**Lab Sample ID: 440-279274-6**

Date Collected: 02/18/21 09:30

Matrix: Solid

Date Received: 02/18/21 15:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.4		4.9	mg/Kg		02/27/21 16:20	03/02/21 20:12	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>			<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>n-Octacosane (Surr)</i>	121		61 - 145			02/27/21 16:20	03/02/21 20:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	2200		49	mg/Kg		02/27/21 16:20	03/03/21 11:46	10
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>			<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>n-Octacosane (Surr)</i>	133		61 - 145			02/27/21 16:20	03/03/21 11:46	10

**Client Sample ID: LF Composite**

**Lab Sample ID: 440-279274-7**

Date Collected: 02/18/21 10:00

Matrix: Solid

Date Received: 02/18/21 15:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		5.0	mg/Kg		02/27/21 16:20	03/02/21 20:38	1
1,1'-Biphenyl	ND		5.0	mg/Kg		02/27/21 16:20	03/02/21 20:38	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>			<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>n-Octacosane (Surr)</i>	119		61 - 145			02/27/21 16:20	03/02/21 20:38	1

**Client Sample ID: EP5-NW**

**Lab Sample ID: 440-279274-8**

Date Collected: 02/18/21 10:45

Matrix: Solid

Date Received: 02/18/21 15:40

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	mg/Kg		02/25/21 08:59	02/26/21 11:59	5
Arsenic	8.7		3.0	mg/Kg		02/25/21 08:59	02/26/21 11:59	5
Barium	88		1.5	mg/Kg		02/25/21 08:59	02/26/21 11:59	5
Beryllium	ND		0.50	mg/Kg		02/25/21 08:59	02/26/21 11:59	5
Cadmium	ND		0.50	mg/Kg		02/25/21 08:59	02/26/21 11:59	5
Chromium	12		1.0	mg/Kg		02/25/21 08:59	02/26/21 11:59	5
Cobalt	ND		1.0	mg/Kg		02/25/21 08:59	02/26/21 11:59	5
Copper	8.6		2.0	mg/Kg		02/25/21 08:59	02/26/21 11:59	5
Lead	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 11:59	5
Molybdenum	83		2.0	mg/Kg		02/25/21 08:59	02/26/21 11:59	5
Nickel	2.6		2.0	mg/Kg		02/25/21 08:59	02/26/21 11:59	5
Selenium	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 11:59	5
Silver	ND		1.5	mg/Kg		02/25/21 08:59	02/26/21 11:59	5
Thallium	ND		10	mg/Kg		02/25/21 08:59	02/26/21 11:59	5
Vanadium	21		1.0	mg/Kg		02/25/21 08:59	02/26/21 11:59	5
Zinc	340		5.0	mg/Kg		02/25/21 08:59	02/26/21 11:59	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038		0.020	mg/Kg		03/01/21 10:10	03/01/21 14:34	1

# Client Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

**Client Sample ID: EP5-NE**

**Lab Sample ID: 440-279274-9**

Date Collected: 02/18/21 11:00

Matrix: Solid

Date Received: 02/18/21 15:40

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	mg/Kg		02/25/21 08:59	02/26/21 12:01	5
Arsenic	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:01	5
<b>Barium</b>	<b>53</b>		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:01	5
Beryllium	ND		0.50	mg/Kg		02/25/21 08:59	02/26/21 12:01	5
Cadmium	ND		0.50	mg/Kg		02/25/21 08:59	02/26/21 12:01	5
<b>Chromium</b>	<b>3.3</b>		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:01	5
Cobalt	ND		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:01	5
<b>Copper</b>	<b>3.6</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:01	5
Lead	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:01	5
<b>Molybdenum</b>	<b>46</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:01	5
Nickel	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:01	5
Selenium	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:01	5
Silver	ND		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:01	5
Thallium	ND		10	mg/Kg		02/25/21 08:59	02/26/21 12:01	5
<b>Vanadium</b>	<b>6.8</b>		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:01	5
<b>Zinc</b>	<b>160</b>		5.0	mg/Kg		02/25/21 08:59	02/26/21 12:01	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	mg/Kg		03/01/21 10:10	03/01/21 14:41	1

**Client Sample ID: EP5-SE**

**Lab Sample ID: 440-279274-10**

Date Collected: 02/18/21 11:10

Matrix: Solid

Date Received: 02/18/21 15:40

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.8	mg/Kg		02/25/21 08:59	02/26/21 12:04	5
<b>Arsenic</b>	<b>2.9</b>		2.9	mg/Kg		02/25/21 08:59	02/26/21 12:04	5
<b>Barium</b>	<b>34</b>		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:04	5
Beryllium	ND		0.49	mg/Kg		02/25/21 08:59	02/26/21 12:04	5
Cadmium	ND		0.49	mg/Kg		02/25/21 08:59	02/26/21 12:04	5
<b>Chromium</b>	<b>1.5</b>		0.98	mg/Kg		02/25/21 08:59	02/26/21 12:04	5
Cobalt	ND		0.98	mg/Kg		02/25/21 08:59	02/26/21 12:04	5
<b>Copper</b>	<b>5.6</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:04	5
Lead	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:04	5
<b>Molybdenum</b>	<b>140</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:04	5
<b>Nickel</b>	<b>3.5</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:04	5
Selenium	ND		2.9	mg/Kg		02/25/21 08:59	02/26/21 12:04	5
Silver	ND		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:04	5
Thallium	ND		9.8	mg/Kg		02/25/21 08:59	02/26/21 12:04	5
<b>Vanadium</b>	<b>5.6</b>		0.98	mg/Kg		02/25/21 08:59	02/26/21 12:04	5
<b>Zinc</b>	<b>270</b>		4.9	mg/Kg		02/25/21 08:59	02/26/21 12:04	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	mg/Kg		03/01/21 10:10	03/01/21 14:43	1

# Client Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

**Client Sample ID: EP5-SW**

**Lab Sample ID: 440-279274-11**

Date Collected: 02/18/21 11:30

Matrix: Solid

Date Received: 02/18/21 15:40

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	mg/Kg		02/25/21 08:59	02/26/21 12:06	5
<b>Arsenic</b>	<b>11</b>		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:06	5
<b>Barium</b>	<b>83</b>		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:06	5
Beryllium	ND		0.51	mg/Kg		02/25/21 08:59	02/26/21 12:06	5
Cadmium	ND		0.51	mg/Kg		02/25/21 08:59	02/26/21 12:06	5
<b>Chromium</b>	<b>6.6</b>		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:06	5
Cobalt	ND		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:06	5
<b>Copper</b>	<b>24</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:06	5
Lead	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:06	5
<b>Molybdenum</b>	<b>98</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:06	5
<b>Nickel</b>	<b>9.1</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:06	5
Selenium	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:06	5
Silver	ND		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:06	5
Thallium	ND		10	mg/Kg		02/25/21 08:59	02/26/21 12:06	5
<b>Vanadium</b>	<b>22</b>		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:06	5
<b>Zinc</b>	<b>1400</b>		5.1	mg/Kg		02/25/21 08:59	02/26/21 12:06	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.036</b>		0.020	mg/Kg		03/01/21 10:10	03/01/21 14:46	1

**Client Sample ID: EP5-Center**

**Lab Sample ID: 440-279274-12**

Date Collected: 02/18/21 11:40

Matrix: Solid

Date Received: 02/18/21 15:40

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		20	mg/Kg		02/25/21 08:59	02/26/21 17:15	10
<b>Arsenic</b>	<b>6.9</b>		6.1	mg/Kg		02/25/21 08:59	02/26/21 17:15	10
<b>Barium</b>	<b>77</b>		3.0	mg/Kg		02/25/21 08:59	02/26/21 17:15	10
Beryllium	ND		1.0	mg/Kg		02/25/21 08:59	02/26/21 17:15	10
Cadmium	ND		1.0	mg/Kg		02/25/21 08:59	02/26/21 17:15	10
<b>Chromium</b>	<b>5.5</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 17:15	10
Cobalt	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 17:15	10
<b>Copper</b>	<b>11</b>		4.1	mg/Kg		02/25/21 08:59	02/26/21 17:15	10
Lead	ND		4.1	mg/Kg		02/25/21 08:59	02/26/21 17:15	10
<b>Molybdenum</b>	<b>130</b>		4.1	mg/Kg		02/25/21 08:59	02/26/21 17:15	10
<b>Nickel</b>	<b>6.0</b>		4.1	mg/Kg		02/25/21 08:59	02/26/21 17:15	10
Selenium	ND		6.1	mg/Kg		02/25/21 08:59	02/26/21 17:15	10
Silver	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 17:15	10
Thallium	ND		20	mg/Kg		02/25/21 08:59	02/26/21 17:15	10
<b>Vanadium</b>	<b>18</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 17:15	10
<b>Zinc</b>	<b>590</b>		10	mg/Kg		02/25/21 08:59	02/26/21 17:15	10

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	mg/Kg		03/01/21 10:10	03/01/21 14:48	1

# Client Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

**Client Sample ID: EP4-NW**

**Lab Sample ID: 440-279274-13**

Date Collected: 02/18/21 11:50

Matrix: Solid

Date Received: 02/18/21 15:40

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9	mg/Kg		02/25/21 08:59	02/26/21 12:11	5
<b>Arsenic</b>	<b>5.8</b>		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:11	5
<b>Barium</b>	<b>50</b>		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:11	5
Beryllium	ND		0.49	mg/Kg		02/25/21 08:59	02/26/21 12:11	5
Cadmium	ND		0.49	mg/Kg		02/25/21 08:59	02/26/21 12:11	5
<b>Chromium</b>	<b>3.8</b>		0.99	mg/Kg		02/25/21 08:59	02/26/21 12:11	5
Cobalt	ND		0.99	mg/Kg		02/25/21 08:59	02/26/21 12:11	5
<b>Copper</b>	<b>10</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:11	5
Lead	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:11	5
<b>Molybdenum</b>	<b>74</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:11	5
<b>Nickel</b>	<b>3.2</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:11	5
Selenium	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:11	5
Silver	ND		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:11	5
Thallium	ND		9.9	mg/Kg		02/25/21 08:59	02/26/21 12:11	5
<b>Vanadium</b>	<b>9.7</b>		0.99	mg/Kg		02/25/21 08:59	02/26/21 12:11	5
<b>Zinc</b>	<b>480</b>		4.9	mg/Kg		02/25/21 08:59	02/26/21 12:11	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	mg/Kg		03/01/21 10:10	03/01/21 14:50	1

**Client Sample ID: EP4-NE**

**Lab Sample ID: 440-279274-14**

Date Collected: 02/18/21 12:05

Matrix: Solid

Date Received: 02/18/21 15:40

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	mg/Kg		02/25/21 08:59	02/26/21 12:13	5
Arsenic	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:13	5
<b>Barium</b>	<b>18</b>		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:13	5
Beryllium	ND		0.51	mg/Kg		02/25/21 08:59	02/26/21 12:13	5
Cadmium	ND		0.51	mg/Kg		02/25/21 08:59	02/26/21 12:13	5
<b>Chromium</b>	<b>1.5</b>		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:13	5
Cobalt	ND		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:13	5
<b>Copper</b>	<b>4.2</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:13	5
Lead	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:13	5
<b>Molybdenum</b>	<b>27</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:13	5
Nickel	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:13	5
Selenium	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:13	5
Silver	ND		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:13	5
Thallium	ND		10	mg/Kg		02/25/21 08:59	02/26/21 12:13	5
<b>Vanadium</b>	<b>3.8</b>		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:13	5
<b>Zinc</b>	<b>150</b>		5.1	mg/Kg		02/25/21 08:59	02/26/21 12:13	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	mg/Kg		03/01/21 10:10	03/01/21 14:52	1

# Client Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

**Client Sample ID: EP4-SE**

**Lab Sample ID: 440-279274-15**

Date Collected: 02/18/21 12:10

Matrix: Solid

Date Received: 02/18/21 15:40

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	mg/Kg		02/25/21 08:59	02/26/21 12:16	5
Arsenic	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:16	5
<b>Barium</b>	<b>20</b>		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:16	5
Beryllium	ND		0.51	mg/Kg		02/25/21 08:59	02/26/21 12:16	5
Cadmium	ND		0.51	mg/Kg		02/25/21 08:59	02/26/21 12:16	5
<b>Chromium</b>	<b>1.4</b>		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:16	5
Cobalt	ND		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:16	5
<b>Copper</b>	<b>3.0</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:16	5
Lead	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:16	5
<b>Molybdenum</b>	<b>22</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:16	5
Nickel	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:16	5
Selenium	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:16	5
Silver	ND		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:16	5
Thallium	ND		10	mg/Kg		02/25/21 08:59	02/26/21 12:16	5
<b>Vanadium</b>	<b>3.4</b>		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:16	5
<b>Zinc</b>	<b>120</b>		5.1	mg/Kg		02/25/21 08:59	02/26/21 12:16	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	mg/Kg		03/01/21 10:10	03/01/21 14:55	1

**Client Sample ID: EP4-SW**

**Lab Sample ID: 440-279274-16**

Date Collected: 02/18/21 12:20

Matrix: Solid

Date Received: 02/18/21 15:40

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9	mg/Kg		02/25/21 08:59	02/26/21 12:31	5
Arsenic	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:31	5
<b>Barium</b>	<b>34</b>		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:31	5
Beryllium	ND		0.49	mg/Kg		02/25/21 08:59	02/26/21 12:31	5
Cadmium	ND		0.49	mg/Kg		02/25/21 08:59	02/26/21 12:31	5
<b>Chromium</b>	<b>2.1</b>		0.99	mg/Kg		02/25/21 08:59	02/26/21 12:31	5
Cobalt	ND		0.99	mg/Kg		02/25/21 08:59	02/26/21 12:31	5
<b>Copper</b>	<b>4.9</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:31	5
Lead	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:31	5
<b>Molybdenum</b>	<b>15</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:31	5
Nickel	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:31	5
Selenium	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:31	5
Silver	ND		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:31	5
Thallium	ND		9.9	mg/Kg		02/25/21 08:59	02/26/21 12:31	5
<b>Vanadium</b>	<b>5.6</b>		0.99	mg/Kg		02/25/21 08:59	02/26/21 12:31	5
<b>Zinc</b>	<b>200</b>		4.9	mg/Kg		02/25/21 08:59	02/26/21 12:31	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	mg/Kg		03/01/21 10:10	03/01/21 14:57	1



# Client Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

**Client Sample ID: EP4-Center**

**Lab Sample ID: 440-279274-17**

Date Collected: 02/18/21 12:30

Matrix: Solid

Date Received: 02/18/21 15:40

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	mg/Kg		02/25/21 08:59	02/26/21 12:26	5
<b>Arsenic</b>	<b>3.2</b>		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:26	5
<b>Barium</b>	<b>32</b>		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:26	5
Beryllium	ND		0.51	mg/Kg		02/25/21 08:59	02/26/21 12:26	5
Cadmium	ND		0.51	mg/Kg		02/25/21 08:59	02/26/21 12:26	5
<b>Chromium</b>	<b>1.5</b>		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:26	5
Cobalt	ND		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:26	5
<b>Copper</b>	<b>7.3</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:26	5
Lead	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:26	5
<b>Molybdenum</b>	<b>43</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:26	5
<b>Nickel</b>	<b>2.4</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:26	5
Selenium	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:26	5
Silver	ND		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:26	5
Thallium	ND		10	mg/Kg		02/25/21 08:59	02/26/21 12:26	5
<b>Vanadium</b>	<b>5.7</b>		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:26	5
<b>Zinc</b>	<b>260</b>		5.1	mg/Kg		02/25/21 08:59	02/26/21 12:26	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	mg/Kg		03/01/21 10:10	03/01/21 14:59	1

**Client Sample ID: EP3-NW**

**Lab Sample ID: 440-279274-18**

Date Collected: 02/18/21 12:40

Matrix: Solid

Date Received: 02/18/21 15:40

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9	mg/Kg		02/25/21 08:59	02/26/21 12:28	5
<b>Arsenic</b>	<b>7.7</b>		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:28	5
<b>Barium</b>	<b>63</b>		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:28	5
Beryllium	ND		0.50	mg/Kg		02/25/21 08:59	02/26/21 12:28	5
Cadmium	ND		0.50	mg/Kg		02/25/21 08:59	02/26/21 12:28	5
<b>Chromium</b>	<b>6.1</b>		0.99	mg/Kg		02/25/21 08:59	02/26/21 12:28	5
Cobalt	ND		0.99	mg/Kg		02/25/21 08:59	02/26/21 12:28	5
<b>Copper</b>	<b>56</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:28	5
Lead	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:28	5
<b>Molybdenum</b>	<b>9.5</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:28	5
<b>Nickel</b>	<b>9.3</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:28	5
Selenium	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:28	5
Silver	ND		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:28	5
Thallium	ND		9.9	mg/Kg		02/25/21 08:59	02/26/21 12:28	5
<b>Vanadium</b>	<b>14</b>		0.99	mg/Kg		02/25/21 08:59	02/26/21 12:28	5
<b>Zinc</b>	<b>620</b>		5.0	mg/Kg		02/25/21 08:59	02/26/21 12:28	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<b>0.023</b>		0.020	mg/Kg		03/01/21 10:10	03/01/21 15:01	1

# Client Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

**Client Sample ID: EP3-NE**

**Lab Sample ID: 440-279274-19**

**Date Collected: 02/18/21 12:50**

**Matrix: Solid**

**Date Received: 02/18/21 15:40**

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	mg/Kg		02/25/21 08:59	02/26/21 12:18	5
Arsenic	ND		3.1	mg/Kg		02/25/21 08:59	02/26/21 12:18	5
Barium	ND		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:18	5
Beryllium	ND		0.51	mg/Kg		02/25/21 08:59	02/26/21 12:18	5
Cadmium	ND		0.51	mg/Kg		02/25/21 08:59	02/26/21 12:18	5
Chromium	ND		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:18	5
Cobalt	ND		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:18	5
Copper	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:18	5
Lead	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:18	5
Molybdenum	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:18	5
Nickel	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:18	5
Selenium	ND		3.1	mg/Kg		02/25/21 08:59	02/26/21 12:18	5
Silver	ND		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:18	5
Thallium	ND		10	mg/Kg		02/25/21 08:59	02/26/21 12:18	5
Vanadium	ND		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:18	5
Zinc	ND		5.1	mg/Kg		02/25/21 08:59	02/26/21 12:18	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	mg/Kg		03/01/21 10:10	03/01/21 15:08	1

**Client Sample ID: EP3-SE**

**Lab Sample ID: 440-279274-20**

**Date Collected: 02/18/21 13:00**

**Matrix: Solid**

**Date Received: 02/18/21 15:40**

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9	mg/Kg		02/25/21 08:59	02/26/21 12:33	5
Arsenic	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:33	5
Barium	ND		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:33	5
Beryllium	ND		0.50	mg/Kg		02/25/21 08:59	02/26/21 12:33	5
Cadmium	ND		0.50	mg/Kg		02/25/21 08:59	02/26/21 12:33	5
Chromium	ND		0.99	mg/Kg		02/25/21 08:59	02/26/21 12:33	5
Cobalt	ND		0.99	mg/Kg		02/25/21 08:59	02/26/21 12:33	5
Copper	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:33	5
Lead	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:33	5
Molybdenum	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:33	5
Nickel	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:33	5
Selenium	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:33	5
Silver	ND		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:33	5
Thallium	ND		9.9	mg/Kg		02/25/21 08:59	02/26/21 12:33	5
Vanadium	ND		0.99	mg/Kg		02/25/21 08:59	02/26/21 12:33	5
Zinc	ND		5.0	mg/Kg		02/25/21 08:59	02/26/21 12:33	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	mg/Kg		03/01/21 10:10	03/01/21 15:10	1

# Client Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

**Client Sample ID: EP3-SW**

**Lab Sample ID: 440-279274-21**

Date Collected: 02/18/21 13:05

Matrix: Solid

Date Received: 02/18/21 15:40

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9	mg/Kg		02/25/21 08:59	02/26/21 12:36	5
<b>Arsenic</b>	<b>6.4</b>		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:36	5
<b>Barium</b>	<b>55</b>		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:36	5
Beryllium	ND		0.50	mg/Kg		02/25/21 08:59	02/26/21 12:36	5
Cadmium	ND		0.50	mg/Kg		02/25/21 08:59	02/26/21 12:36	5
<b>Chromium</b>	<b>5.2</b>		0.99	mg/Kg		02/25/21 08:59	02/26/21 12:36	5
Cobalt	ND		0.99	mg/Kg		02/25/21 08:59	02/26/21 12:36	5
<b>Copper</b>	<b>50</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:36	5
Lead	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:36	5
<b>Molybdenum</b>	<b>60</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:36	5
<b>Nickel</b>	<b>8.3</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:36	5
Selenium	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:36	5
Silver	ND		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:36	5
Thallium	ND		9.9	mg/Kg		02/25/21 08:59	02/26/21 12:36	5
<b>Vanadium</b>	<b>11</b>		0.99	mg/Kg		02/25/21 08:59	02/26/21 12:36	5
<b>Zinc</b>	<b>530</b>		5.0	mg/Kg		02/25/21 08:59	02/26/21 12:36	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.021</b>		0.020	mg/Kg		03/01/21 10:10	03/01/21 15:13	1

**Client Sample ID: EP3-Center**

**Lab Sample ID: 440-279274-22**

Date Collected: 02/18/21 13:15

Matrix: Solid

Date Received: 02/18/21 15:40

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	mg/Kg		02/25/21 08:59	02/26/21 12:38	5
Arsenic	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:38	5
<b>Barium</b>	<b>28</b>		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:38	5
Beryllium	ND		0.50	mg/Kg		02/25/21 08:59	02/26/21 12:38	5
Cadmium	ND		0.50	mg/Kg		02/25/21 08:59	02/26/21 12:38	5
<b>Chromium</b>	<b>1.4</b>		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:38	5
Cobalt	ND		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:38	5
<b>Copper</b>	<b>4.0</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:38	5
Lead	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:38	5
<b>Molybdenum</b>	<b>2.0</b>		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:38	5
Nickel	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 12:38	5
Selenium	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 12:38	5
Silver	ND		1.5	mg/Kg		02/25/21 08:59	02/26/21 12:38	5
Thallium	ND		10	mg/Kg		02/25/21 08:59	02/26/21 12:38	5
<b>Vanadium</b>	<b>3.7</b>		1.0	mg/Kg		02/25/21 08:59	02/26/21 12:38	5
<b>Zinc</b>	<b>79</b>		5.0	mg/Kg		02/25/21 08:59	02/26/21 12:38	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	mg/Kg		03/01/21 10:10	03/01/21 15:15	1

# Method Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

Method	Method Description	Protocol	Laboratory
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
6010B	Metals (ICP)	SW846	TAL IRV
7471A	Mercury (CVAA)	SW846	TAL IRV
3050B	Preparation, Metals	SW846	TAL IRV
3550C	Ultrasonic Extraction	SW846	ECL 1
7471A	Preparation, Mercury	SW846	TAL IRV

#### Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

# Lab Chronicle

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

**Client Sample ID: BR West@1'**

**Lab Sample ID: 440-279274-1**

Date Collected: 02/18/21 08:45

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			9.88 g	10 mL	132525	02/27/21 16:20	EM5C	ECL 1
Total/NA	Analysis	8015B		1			133041	03/02/21 18:00	I9H5	ECL 1

**Client Sample ID: BR West@Bottom**

**Lab Sample ID: 440-279274-2**

Date Collected: 02/18/21 08:55

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.00 g	10 mL	132525	02/27/21 16:20	EM5C	ECL 1
Total/NA	Analysis	8015B		1			133041	03/02/21 18:27	I9H5	ECL 1

**Client Sample ID: BR Center@1'**

**Lab Sample ID: 440-279274-3**

Date Collected: 02/18/21 09:00

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.13 g	10 mL	132525	02/27/21 16:20	EM5C	ECL 1
Total/NA	Analysis	8015B		1			133041	03/02/21 18:53	I9H5	ECL 1

**Client Sample ID: BR Center@Bottom**

**Lab Sample ID: 440-279274-4**

Date Collected: 02/18/21 09:10

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.19 g	10 mL	132525	02/27/21 16:20	EM5C	ECL 1
Total/NA	Analysis	8015B		1			133041	03/02/21 19:19	I9H5	ECL 1

**Client Sample ID: BR East@1'**

**Lab Sample ID: 440-279274-5**

Date Collected: 02/18/21 09:20

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.09 g	10 mL	132525	02/27/21 16:20	EM5C	ECL 1
Total/NA	Analysis	8015B		1			133041	03/02/21 19:46	I9H5	ECL 1

**Client Sample ID: BR East@Bottom**

**Lab Sample ID: 440-279274-6**

Date Collected: 02/18/21 09:30

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.17 g	10 mL	132525	02/27/21 16:20	EM5C	ECL 1
Total/NA	Analysis	8015B		1			133041	03/02/21 20:12	I9H5	ECL 1
Total/NA	Prep	3550C	DL		10.17 g	10 mL	132525	02/27/21 16:20	EM5C	ECL 1
Total/NA	Analysis	8015B	DL	10			133041	03/03/21 11:46	I9H5	ECL 1

# Lab Chronicle

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

## Client Sample ID: LF Composite

Lab Sample ID: 440-279274-7

Date Collected: 02/18/21 10:00

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.02 g	10 mL	132525	02/27/21 16:20	EM5C	ECL 1
Total/NA	Analysis	8015B		1			133041	03/02/21 20:38	I9H5	ECL 1

## Client Sample ID: EP5-NW

Lab Sample ID: 440-279274-8

Date Collected: 02/18/21 10:45

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	639719	02/25/21 08:59	FIQ7	TAL IRV
Total/NA	Analysis	6010B		5			639891	02/26/21 11:59	VZ0K	TAL IRV
Total/NA	Prep	7471A			0.49 g	50 mL	639927	03/01/21 10:10	MA6V	TAL IRV
Total/NA	Analysis	7471A		1			640053	03/01/21 14:34	MA6V	TAL IRV

## Client Sample ID: EP5-NE

Lab Sample ID: 440-279274-9

Date Collected: 02/18/21 11:00

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	639719	02/25/21 08:59	FIQ7	TAL IRV
Total/NA	Analysis	6010B		5			639891	02/26/21 12:01	VZ0K	TAL IRV
Total/NA	Prep	7471A			0.49 g	50 mL	639927	03/01/21 10:10	MA6V	TAL IRV
Total/NA	Analysis	7471A		1			640053	03/01/21 14:41	MA6V	TAL IRV

## Client Sample ID: EP5-SE

Lab Sample ID: 440-279274-10

Date Collected: 02/18/21 11:10

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.05 g	50 mL	639719	02/25/21 08:59	FIQ7	TAL IRV
Total/NA	Analysis	6010B		5			639891	02/26/21 12:04	VZ0K	TAL IRV
Total/NA	Prep	7471A			0.50 g	50 mL	639927	03/01/21 10:10	MA6V	TAL IRV
Total/NA	Analysis	7471A		1			640053	03/01/21 14:43	MA6V	TAL IRV

## Client Sample ID: EP5-SW

Lab Sample ID: 440-279274-11

Date Collected: 02/18/21 11:30

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.97 g	50 mL	639719	02/25/21 08:59	FIQ7	TAL IRV
Total/NA	Analysis	6010B		5			639891	02/26/21 12:06	VZ0K	TAL IRV
Total/NA	Prep	7471A			0.50 g	50 mL	639927	03/01/21 10:10	MA6V	TAL IRV
Total/NA	Analysis	7471A		1			640053	03/01/21 14:46	MA6V	TAL IRV

# Lab Chronicle

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

## Client Sample ID: EP5-Center

Lab Sample ID: 440-279274-12

Date Collected: 02/18/21 11:40

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.97 g	50 mL	639719	02/25/21 08:59	FIQ7	TAL IRV
Total/NA	Analysis	6010B		10			639939	02/26/21 17:15	P1R	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	639927	03/01/21 10:10	MA6V	TAL IRV
Total/NA	Analysis	7471A		1			640053	03/01/21 14:48	MA6V	TAL IRV

## Client Sample ID: EP4-NW

Lab Sample ID: 440-279274-13

Date Collected: 02/18/21 11:50

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	639719	02/25/21 08:59	FIQ7	TAL IRV
Total/NA	Analysis	6010B		5			639891	02/26/21 12:11	VZ0K	TAL IRV
Total/NA	Prep	7471A			0.50 g	50 mL	639927	03/01/21 10:10	MA6V	TAL IRV
Total/NA	Analysis	7471A		1			640053	03/01/21 14:50	MA6V	TAL IRV

## Client Sample ID: EP4-NE

Lab Sample ID: 440-279274-14

Date Collected: 02/18/21 12:05

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.98 g	50 mL	639719	02/25/21 08:59	FIQ7	TAL IRV
Total/NA	Analysis	6010B		5			639891	02/26/21 12:13	VZ0K	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	639927	03/01/21 10:10	MA6V	TAL IRV
Total/NA	Analysis	7471A		1			640053	03/01/21 14:52	MA6V	TAL IRV

## Client Sample ID: EP4-SE

Lab Sample ID: 440-279274-15

Date Collected: 02/18/21 12:10

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.97 g	50 mL	639719	02/25/21 08:59	FIQ7	TAL IRV
Total/NA	Analysis	6010B		5			639891	02/26/21 12:16	VZ0K	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	639927	03/01/21 10:10	MA6V	TAL IRV
Total/NA	Analysis	7471A		1			640053	03/01/21 14:55	MA6V	TAL IRV

## Client Sample ID: EP4-SW

Lab Sample ID: 440-279274-16

Date Collected: 02/18/21 12:20

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	639719	02/25/21 08:59	FIQ7	TAL IRV
Total/NA	Analysis	6010B		5			639891	02/26/21 12:31	VZ0K	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	639927	03/01/21 10:10	MA6V	TAL IRV
Total/NA	Analysis	7471A		1			640053	03/01/21 14:57	MA6V	TAL IRV



# Lab Chronicle

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

## Client Sample ID: EP4-Center

Lab Sample ID: 440-279274-17

Date Collected: 02/18/21 12:30

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.98 g	50 mL	639719	02/25/21 08:59	FIQ7	TAL IRV
Total/NA	Analysis	6010B		5			639891	02/26/21 12:26	VZOK	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	639927	03/01/21 10:10	MA6V	TAL IRV
Total/NA	Analysis	7471A		1			640053	03/01/21 14:59	MA6V	TAL IRV

## Client Sample ID: EP3-NW

Lab Sample ID: 440-279274-18

Date Collected: 02/18/21 12:40

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	639719	02/25/21 08:59	FIQ7	TAL IRV
Total/NA	Analysis	6010B		5			639891	02/26/21 12:28	VZOK	TAL IRV
Total/NA	Prep	7471A			0.49 g	50 mL	639927	03/01/21 10:10	MA6V	TAL IRV
Total/NA	Analysis	7471A		1			640053	03/01/21 15:01	MA6V	TAL IRV

## Client Sample ID: EP3-NE

Lab Sample ID: 440-279274-19

Date Collected: 02/18/21 12:50

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.96 g	50 mL	639719	02/25/21 08:59	FIQ7	TAL IRV
Total/NA	Analysis	6010B		5			639891	02/26/21 12:18	VZOK	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	639927	03/01/21 10:10	MA6V	TAL IRV
Total/NA	Analysis	7471A		1			640053	03/01/21 15:08	MA6V	TAL IRV

## Client Sample ID: EP3-SE

Lab Sample ID: 440-279274-20

Date Collected: 02/18/21 13:00

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	639719	02/25/21 08:59	FIQ7	TAL IRV
Total/NA	Analysis	6010B		5			639891	02/26/21 12:33	VZOK	TAL IRV
Total/NA	Prep	7471A			0.50 g	50 mL	639927	03/01/21 10:10	MA6V	TAL IRV
Total/NA	Analysis	7471A		1			640053	03/01/21 15:10	MA6V	TAL IRV

## Client Sample ID: EP3-SW

Lab Sample ID: 440-279274-21

Date Collected: 02/18/21 13:05

Matrix: Solid

Date Received: 02/18/21 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	639719	02/25/21 08:59	FIQ7	TAL IRV
Total/NA	Analysis	6010B		5			639891	02/26/21 12:36	VZOK	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	639927	03/01/21 10:10	MA6V	TAL IRV
Total/NA	Analysis	7471A		1			640053	03/01/21 15:13	MA6V	TAL IRV



# Lab Chronicle

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

**Client Sample ID: EP3-Center**

**Lab Sample ID: 440-279274-22**

**Date Collected: 02/18/21 13:15**

**Matrix: Solid**

**Date Received: 02/18/21 15:40**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	639719	02/25/21 08:59	FIQ7	TAL IRV
Total/NA	Analysis	6010B		5			639891	02/26/21 12:38	VZOK	TAL IRV
Total/NA	Prep	7471A			0.49 g	50 mL	639927	03/01/21 10:10	MA6V	TAL IRV
Total/NA	Analysis	7471A		1			640053	03/01/21 15:15	MA6V	TAL IRV

### Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

# QC Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

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

**Lab Sample ID: MB 570-132525/1-A**  
**Matrix: Solid**  
**Analysis Batch: 133041**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 132525**

Analyte	MB MB		RL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier								
Benzene, 1,1'-oxybis-	ND		5.0	mg/Kg		02/27/21 16:20	03/02/21 15:50			1
1,1'-Biphenyl	ND		5.0	mg/Kg		02/27/21 16:20	03/02/21 15:50			1
Surrogate		MB MB	Limits	Prepared		Analyzed		Dil Fac		
		%Recovery Qualifier								
n-Octacosane (Surr)		95	61 - 145			02/27/21 16:20	03/02/21 15:50			1

**Lab Sample ID: LCS 570-132525/2-A**  
**Matrix: Solid**  
**Analysis Batch: 133041**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 132525**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Benzene, 1,1'-oxybis-	100	102		mg/Kg		102	68 - 120	
1,1'-Biphenyl	100	85.2		mg/Kg		85	57 - 120	
Surrogate		LCS LCS	Limits	Prepared		Analyzed		
		%Recovery Qualifier						
n-Octacosane (Surr)		96	61 - 145					

**Lab Sample ID: LCSD 570-132525/3-A**  
**Matrix: Solid**  
**Analysis Batch: 133041**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 132525**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD Limit	
									RPD	Limit
Benzene, 1,1'-oxybis-	100	99.6		mg/Kg		100	68 - 120	2	20	
1,1'-Biphenyl	100	83.5		mg/Kg		83	57 - 120	2	20	
Surrogate		LCSD LCSD	Limits	Prepared		Analyzed				
		%Recovery Qualifier								
n-Octacosane (Surr)		99	61 - 145							

**Lab Sample ID: 440-279274-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 133041**

**Client Sample ID: BR West@1'**  
**Prep Type: Total/NA**  
**Prep Batch: 132525**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	
Benzene, 1,1'-oxybis-	ND		100	105		mg/Kg		103	68 - 120	
1,1'-Biphenyl	ND		100	87.4		mg/Kg		87	57 - 120	
Surrogate		MS MS	Limits	Prepared		Analyzed				
		%Recovery Qualifier								
n-Octacosane (Surr)		114	61 - 145							

**Lab Sample ID: 440-279274-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 133041**

**Client Sample ID: BR West@1'**  
**Prep Type: Total/NA**  
**Prep Batch: 132525**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD Limit	
											RPD	Limit
Benzene, 1,1'-oxybis-	ND		98.1	99.5		mg/Kg		100	68 - 120	6	20	
1,1'-Biphenyl	ND		98.1	82.4		mg/Kg		84	57 - 120	6	20	

Eurofins Calscience Irvine

# QC Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

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

**Lab Sample ID: 440-279274-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 133041**

**Client Sample ID: BR West@1'**  
**Prep Type: Total/NA**  
**Prep Batch: 132525**

Surrogate	%Recovery	MSD Qualifier	MSD Limits
<i>n</i> -Octacosane (Surr)	109		61 - 145

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 440-639719/1-A ^5**  
**Matrix: Solid**  
**Analysis Batch: 639891**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 639719**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	mg/Kg		02/25/21 08:59	02/26/21 11:25	5
Arsenic	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 11:25	5
Barium	ND		1.5	mg/Kg		02/25/21 08:59	02/26/21 11:25	5
Beryllium	ND		0.50	mg/Kg		02/25/21 08:59	02/26/21 11:25	5
Cadmium	ND		0.50	mg/Kg		02/25/21 08:59	02/26/21 11:25	5
Chromium	ND		1.0	mg/Kg		02/25/21 08:59	02/26/21 11:25	5
Cobalt	ND		1.0	mg/Kg		02/25/21 08:59	02/26/21 11:25	5
Copper	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 11:25	5
Lead	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 11:25	5
Molybdenum	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 11:25	5
Nickel	ND		2.0	mg/Kg		02/25/21 08:59	02/26/21 11:25	5
Selenium	ND		3.0	mg/Kg		02/25/21 08:59	02/26/21 11:25	5
Silver	ND		1.5	mg/Kg		02/25/21 08:59	02/26/21 11:25	5
Thallium	ND		10	mg/Kg		02/25/21 08:59	02/26/21 11:25	5
Vanadium	ND		1.0	mg/Kg		02/25/21 08:59	02/26/21 11:25	5
Zinc	ND		5.0	mg/Kg		02/25/21 08:59	02/26/21 11:25	5

**Lab Sample ID: LCS 440-639719/2-A ^5**  
**Matrix: Solid**  
**Analysis Batch: 639891**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 639719**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	51.0	59.1		mg/Kg		116	80 - 120
Arsenic	51.0	52.0		mg/Kg		102	80 - 120
Barium	51.0	53.5		mg/Kg		105	80 - 120
Beryllium	51.0	52.9		mg/Kg		104	80 - 120
Cadmium	51.0	52.9		mg/Kg		104	80 - 120
Chromium	51.0	54.3		mg/Kg		106	80 - 120
Cobalt	51.0	53.8		mg/Kg		105	80 - 120
Copper	51.0	54.7		mg/Kg		107	80 - 120
Lead	51.0	53.7		mg/Kg		105	80 - 120
Molybdenum	51.0	56.4		mg/Kg		111	80 - 120
Nickel	51.0	56.0		mg/Kg		110	80 - 120
Selenium	51.0	50.3		mg/Kg		99	80 - 120
Silver	25.5	27.2		mg/Kg		107	80 - 120
Thallium	51.0	44.3		mg/Kg		87	80 - 120
Vanadium	51.0	53.4		mg/Kg		105	80 - 120
Zinc	51.0	54.4		mg/Kg		107	80 - 120

# QC Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 440-279352-A-5-B MS ^5**  
**Matrix: Solid**  
**Analysis Batch: 639891**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 639719**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	%Rec.
	Result	Qualifier		Result	Qualifier					
Antimony	ND	F1	50.5	26.3	F1	mg/Kg		52	75 - 125	
Arsenic	ND		50.5	50.4		mg/Kg		96	75 - 125	
Barium	60	F1 F2	50.5	128	F1	mg/Kg		133	75 - 125	
Beryllium	ND		50.5	50.7		mg/Kg		100	75 - 125	
Cadmium	ND		50.5	49.2		mg/Kg		97	75 - 125	
Chromium	12		50.5	64.8		mg/Kg		105	75 - 125	
Cobalt	4.4		50.5	55.1		mg/Kg		100	75 - 125	
Copper	8.6		50.5	63.6		mg/Kg		109	75 - 125	
Lead	2.7		50.5	53.8		mg/Kg		101	75 - 125	
Molybdenum	ND		50.5	52.6		mg/Kg		104	75 - 125	
Nickel	8.8		50.5	62.4		mg/Kg		106	75 - 125	
Selenium	ND		50.5	46.7		mg/Kg		93	75 - 125	
Silver	ND		25.3	26.8		mg/Kg		106	75 - 125	
Thallium	ND		50.5	44.6		mg/Kg		88	75 - 125	
Vanadium	27		50.5	83.3		mg/Kg		112	75 - 125	
Zinc	28		50.5	80.5		mg/Kg		104	75 - 125	

**Lab Sample ID: 440-279352-A-5-C MSD ^5**  
**Matrix: Solid**  
**Analysis Batch: 639891**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 639719**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Antimony	ND	F1	49.3	26.5	F1	mg/Kg		54	75 - 125	1	20
Arsenic	ND		49.3	50.4		mg/Kg		98	75 - 125	0	20
Barium	60	F1 F2	49.3	206	F1 F2	mg/Kg		296	75 - 125	47	20
Beryllium	ND		49.3	51.7		mg/Kg		104	75 - 125	2	20
Cadmium	ND		49.3	49.8		mg/Kg		101	75 - 125	1	20
Chromium	12		49.3	65.3		mg/Kg		108	75 - 125	1	20
Cobalt	4.4		49.3	56.2		mg/Kg		105	75 - 125	2	20
Copper	8.6		49.3	64.4		mg/Kg		113	75 - 125	1	20
Lead	2.7		49.3	54.4		mg/Kg		105	75 - 125	1	20
Molybdenum	ND		49.3	53.8		mg/Kg		109	75 - 125	2	20
Nickel	8.8		49.3	62.9		mg/Kg		110	75 - 125	1	20
Selenium	ND		49.3	47.4		mg/Kg		96	75 - 125	1	20
Silver	ND		24.6	26.7		mg/Kg		108	75 - 125	0	20
Thallium	ND		49.3	45.4		mg/Kg		92	75 - 125	2	20
Vanadium	27		49.3	83.8		mg/Kg		116	75 - 125	1	20
Zinc	28		49.3	81.0		mg/Kg		108	75 - 125	1	20

## Method: 7471A - Mercury (CVAA)

**Lab Sample ID: MB 440-639927/1-A**  
**Matrix: Solid**  
**Analysis Batch: 640053**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 639927**

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil
	Result	Qualifier						
Mercury	ND		0.020	mg/Kg		03/01/21 10:10	03/01/21 14:13	1

# QC Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

## Method: 7471A - Mercury (CVAA) (Continued)

**Lab Sample ID: LCS 440-639927/2-A**  
**Matrix: Solid**  
**Analysis Batch: 640053**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 639927**  
 %Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.392	0.366		mg/Kg		93	80 - 120

**Lab Sample ID: 440-279549-A-1-E MS**  
**Matrix: Solid**  
**Analysis Batch: 640053**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 639927**  
 %Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	0.14	F1	0.408	0.418	F1	mg/Kg		69	75 - 125

**Lab Sample ID: 440-279549-A-1-F MSD**  
**Matrix: Solid**  
**Analysis Batch: 640053**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 639927**  
 %Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	0.14	F1	0.392	0.414	F1	mg/Kg		70	75 - 125	1	20

# QC Association Summary

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

## GC Semi VOA

### Prep Batch: 132525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-279274-1	BR West@1'	Total/NA	Solid	3550C	
440-279274-2	BR West@Bottom	Total/NA	Solid	3550C	
440-279274-3	BR Center@1'	Total/NA	Solid	3550C	
440-279274-4	BR Center@Bottom	Total/NA	Solid	3550C	
440-279274-5	BR East@1'	Total/NA	Solid	3550C	
440-279274-6	BR East@Bottom	Total/NA	Solid	3550C	
440-279274-6 - DL	BR East@Bottom	Total/NA	Solid	3550C	
440-279274-7	LF Composite	Total/NA	Solid	3550C	
MB 570-132525/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-132525/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-132525/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
440-279274-1 MS	BR West@1'	Total/NA	Solid	3550C	
440-279274-1 MSD	BR West@1'	Total/NA	Solid	3550C	

### Analysis Batch: 133041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-279274-1	BR West@1'	Total/NA	Solid	8015B	132525
440-279274-2	BR West@Bottom	Total/NA	Solid	8015B	132525
440-279274-3	BR Center@1'	Total/NA	Solid	8015B	132525
440-279274-4	BR Center@Bottom	Total/NA	Solid	8015B	132525
440-279274-5	BR East@1'	Total/NA	Solid	8015B	132525
440-279274-6	BR East@Bottom	Total/NA	Solid	8015B	132525
440-279274-6 - DL	BR East@Bottom	Total/NA	Solid	8015B	132525
440-279274-7	LF Composite	Total/NA	Solid	8015B	132525
MB 570-132525/1-A	Method Blank	Total/NA	Solid	8015B	132525
LCS 570-132525/2-A	Lab Control Sample	Total/NA	Solid	8015B	132525
LCSD 570-132525/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	132525
440-279274-1 MS	BR West@1'	Total/NA	Solid	8015B	132525
440-279274-1 MSD	BR West@1'	Total/NA	Solid	8015B	132525

## Metals

### Prep Batch: 639719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-279274-8	EP5-NW	Total/NA	Solid	3050B	
440-279274-9	EP5-NE	Total/NA	Solid	3050B	
440-279274-10	EP5-SE	Total/NA	Solid	3050B	
440-279274-11	EP5-SW	Total/NA	Solid	3050B	
440-279274-12	EP5-Center	Total/NA	Solid	3050B	
440-279274-13	EP4-NW	Total/NA	Solid	3050B	
440-279274-14	EP4-NE	Total/NA	Solid	3050B	
440-279274-15	EP4-SE	Total/NA	Solid	3050B	
440-279274-16	EP4-SW	Total/NA	Solid	3050B	
440-279274-17	EP4-Center	Total/NA	Solid	3050B	
440-279274-18	EP3-NW	Total/NA	Solid	3050B	
440-279274-19	EP3-NE	Total/NA	Solid	3050B	
440-279274-20	EP3-SE	Total/NA	Solid	3050B	
440-279274-21	EP3-SW	Total/NA	Solid	3050B	
440-279274-22	EP3-Center	Total/NA	Solid	3050B	
MB 440-639719/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-639719/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	

Eurofins Calscience Irvine

# QC Association Summary

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

## Metals (Continued)

### Prep Batch: 639719 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-279352-A-5-B MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-279352-A-5-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

### Analysis Batch: 639891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-279274-8	EP5-NW	Total/NA	Solid	6010B	639719
440-279274-9	EP5-NE	Total/NA	Solid	6010B	639719
440-279274-10	EP5-SE	Total/NA	Solid	6010B	639719
440-279274-11	EP5-SW	Total/NA	Solid	6010B	639719
440-279274-13	EP4-NW	Total/NA	Solid	6010B	639719
440-279274-14	EP4-NE	Total/NA	Solid	6010B	639719
440-279274-15	EP4-SE	Total/NA	Solid	6010B	639719
440-279274-16	EP4-SW	Total/NA	Solid	6010B	639719
440-279274-17	EP4-Center	Total/NA	Solid	6010B	639719
440-279274-18	EP3-NW	Total/NA	Solid	6010B	639719
440-279274-19	EP3-NE	Total/NA	Solid	6010B	639719
440-279274-20	EP3-SE	Total/NA	Solid	6010B	639719
440-279274-21	EP3-SW	Total/NA	Solid	6010B	639719
440-279274-22	EP3-Center	Total/NA	Solid	6010B	639719
MB 440-639719/1-A ^5	Method Blank	Total/NA	Solid	6010B	639719
LCS 440-639719/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	639719
440-279352-A-5-B MS ^5	Matrix Spike	Total/NA	Solid	6010B	639719
440-279352-A-5-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	639719

### Prep Batch: 639927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-279274-8	EP5-NW	Total/NA	Solid	7471A	
440-279274-9	EP5-NE	Total/NA	Solid	7471A	
440-279274-10	EP5-SE	Total/NA	Solid	7471A	
440-279274-11	EP5-SW	Total/NA	Solid	7471A	
440-279274-12	EP5-Center	Total/NA	Solid	7471A	
440-279274-13	EP4-NW	Total/NA	Solid	7471A	
440-279274-14	EP4-NE	Total/NA	Solid	7471A	
440-279274-15	EP4-SE	Total/NA	Solid	7471A	
440-279274-16	EP4-SW	Total/NA	Solid	7471A	
440-279274-17	EP4-Center	Total/NA	Solid	7471A	
440-279274-18	EP3-NW	Total/NA	Solid	7471A	
440-279274-19	EP3-NE	Total/NA	Solid	7471A	
440-279274-20	EP3-SE	Total/NA	Solid	7471A	
440-279274-21	EP3-SW	Total/NA	Solid	7471A	
440-279274-22	EP3-Center	Total/NA	Solid	7471A	
MB 440-639927/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 440-639927/2-A	Lab Control Sample	Total/NA	Solid	7471A	
440-279549-A-1-E MS	Matrix Spike	Total/NA	Solid	7471A	
440-279549-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	

### Analysis Batch: 639939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-279274-12	EP5-Center	Total/NA	Solid	6010B	639719

# QC Association Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

## Metals

### Analysis Batch: 640053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-279274-8	EP5-NW	Total/NA	Solid	7471A	639927
440-279274-9	EP5-NE	Total/NA	Solid	7471A	639927
440-279274-10	EP5-SE	Total/NA	Solid	7471A	639927
440-279274-11	EP5-SW	Total/NA	Solid	7471A	639927
440-279274-12	EP5-Center	Total/NA	Solid	7471A	639927
440-279274-13	EP4-NW	Total/NA	Solid	7471A	639927
440-279274-14	EP4-NE	Total/NA	Solid	7471A	639927
440-279274-15	EP4-SE	Total/NA	Solid	7471A	639927
440-279274-16	EP4-SW	Total/NA	Solid	7471A	639927
440-279274-17	EP4-Center	Total/NA	Solid	7471A	639927
440-279274-18	EP3-NW	Total/NA	Solid	7471A	639927
440-279274-19	EP3-NE	Total/NA	Solid	7471A	639927
440-279274-20	EP3-SE	Total/NA	Solid	7471A	639927
440-279274-21	EP3-SW	Total/NA	Solid	7471A	639927
440-279274-22	EP3-Center	Total/NA	Solid	7471A	639927
MB 440-639927/1-A	Method Blank	Total/NA	Solid	7471A	639927
LCS 440-639927/2-A	Lab Control Sample	Total/NA	Solid	7471A	639927
440-279549-A-1-E MS	Matrix Spike	Total/NA	Solid	7471A	639927
440-279549-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	639927



# Definitions/Glossary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

## Qualifiers

### Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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
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
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Accreditation/Certification Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-279274-1

## Laboratory: Eurofins Calscience Irvine

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2706	06-30-21

## Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	20-003R	10-31-20 *
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

\* Accreditation/Certification renewal pending - accreditation/certification considered valid.

**Chain of Custody Record**

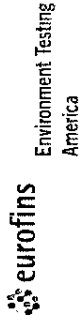


<b>Client Information (Sub Contract Lab)</b> Client Contact: <i>Glen King</i> Company: <i>Nextera</i> Address: <i>41100 Hwy 395</i> City: <i>Boston, CA 93516</i> State, Zip: Phone: <i>(960) 762-5562</i> Email: Project Name: <i>Nextera - Kramer Jacobson</i> Site:		Sampler: <i>Ralph DeLorenzo</i> Lab PM: Phone: E-Mail:	Carrier Tracking No(s): State of Origin: COC No: Page: <i>1-3</i> Job #:
Due Date Requested: TAT Requested (days): <i>N/A</i> PO #: WO #: Project #: SSOW#:		Accreditations Required (See note): Analysis Requested:	
Sample Identification - Client ID (Lab ID)		Total Number of Containers	
Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (Water, Solid, Overhead) Preservation Code	Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No)	Special Instructions/Note	
<i>BR West c1'</i> <i>BR West c Bottom</i> <i>BR Center c1'</i> <i>BR Center c Bottom</i> <i>BR East c1'</i> <i>BR East c Bottom</i> <i>LF Composite</i>	<i>2-18-21</i> <i>0845</i> <i>0855</i> <i>0900</i> <i>0910</i> <i>0920</i> <i>0930</i> <i>1000</i>	<i>G</i> <i>Solid</i> <i>1</i> <i>1</i> <i>1</i> <i>1</i> <i>1</i> <i>1</i>	<i>1</i> <i>1</i> <i>1</i> <i>1</i> <i>1</i> <i>1</i> <i>1</i>
Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix, being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.		Possible Hazard Identification <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:	
Empty Kit Relinquished by: <i>[Signature]</i> Relinquished by: <i>[Signature]</i> Relinquished by:		Method of Shipment: Received by: <i>[Signature]</i> Date/Time: <i>2/18/21 1540</i> Company: <i>EC IRV</i>	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.		Cooler Temperature(s), °C and Other Remarks: <i>1289</i> <i>5/4/08</i>	



**Eurofins Calscience Irvine**  
 17461 Derian Avenue  
 Suite 100  
 Irvine CA 92614-5843  
 phone 949.261.1022 fax 949.260.3299

# Chain of Custody Record



TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

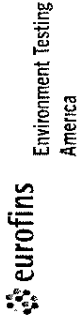
Regulatory Program  DW  NPDES  RCRA  Other

Project Manager: <b>Alan Bab</b>		Date: <b>2-18-21</b>		COC No: <b>2</b> of <b>3</b> COCs	
Email:		Carrier:		TALS Project #:	
Tel/Fax:		Lab Contact:		Sampler:	
Analysis Turnaround Time		Site Contact:		For Lab Use Only	
<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS <input checked="" type="checkbox"/> TAT if different from Below <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Walk-in Client: Lab Sampling:		Job / SDG No	
Sample Date <b>2-18-21</b>		Sample Time <b>1045</b>		Filtered Sample (Y/N)	
Sample Type <b>G</b>		Matrix <b>Sil</b>		Perform MS / MSD (Y/N)	
Sample Identification <b>EPS-NW</b> <b>EPS-NE</b> <b>EPS-SE</b> <b>EPS-SW</b> <b>EPS-Center</b> <b>EP4-NW</b> <b>EP4-NE</b> <b>EP4-SE</b> <b>EP4-SW</b> <b>EP4-Center</b>		# of Cont. <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b>		Sample Specific Notes	
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other					
Possible Hazard Identification Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample					
Special Instructions/QC Requirements & Comments					
Custody/Seal Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temp. (°C): Obs'd:		Therm ID No.	
Relinquished by: <b>[Signature]</b>		Received by: <b>[Signature]</b>		Date/Time:	
Relinquished by:		Received by:		Date/Time:	
Relinquished by:		Received in Laboratory by:		Date/Time:	
Company: <b>Nordstr</b>		Company:		Date/Time:	
Company:		Company:		Date/Time:	
Company:		Company:		Date/Time:	



**Eurofins Calscience Irvine**  
 17461 Derian Avenue  
 Suite 100  
 Irvine CA 92614-5843  
 phone 949 261 1022 fax 949.260.3299

# Chain of Custody Record



TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Regulatory Program:  DW  NPDES  RCRA  Other

COC No. 3 of 3 COCs

Date: 2-18-21

Site Contact:

Lab Contact:

Carrier:

Sampler:

For Lab Use Only  
 Walk-in Client:  
 Lab Sampling  
 Job / SDG No.

Project Manager: Glen Kirby

Company Name: Nextera

Address: 4400 Hwy 395

City/State/Zip: Bozeman, CA 93516

Phone: (260) 262-5562

FAX:

Project Name: Nextera - former Junction

Site:

P O #

Analysis Turnaround Time  
 CALENDAR DAYS  WORKING DAYS  
 TAT if different from Below  
 2 weeks  
 1 week  
 2 days  
 1 day

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)
EP3-NW	2-18-21	1240	G	Soil	1	NA	X
EP3-NE		1250			1		X
EP3-SE		1300			1		X
EP3-SW		1305			1		X
EP3-Center		1315			1		X

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other

Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown

Special Instructions/QC Requirements & Comments

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)  
 Return to Client  Disposal by Lab  Archive for Months

Custody Seal Intact:  Yes  No

Relinquished by: [Signature] Company: Nextera Date/Time: 2-18-21 1540

Relinquished by: [Signature] Company: Nextera Date/Time: 2-18-21 1540

Relinquished by: [Signature] Company: Nextera Date/Time: 2-18-21 1540





# Chain of Custody Record



<b>Client Information (Sub Contract Lab)</b>		Sampler:	Lab P/N:	Carrier Tracking No(s):	COC No:				
Client Contact: Shipping/Receiving		Phone:	Fama, Sheri M	State of Origin:	440-166505 1				
Company: Eurofins Calscience LLC		E-Mail: Sheri.Fama@Eurofins.com		Page:	Page 1 of 1				
Address: 7440 Lincoln Way, Garden Grove, CA, 92841		Accreditations Required (See note): State Program - California		Job #:	440-279274-1				
PO #: 714-895-5494(Tel) 714-894-7501(Fax)	WO #: 44005151	<b>Analysis Requested</b>							
Project Name: Nextera Kramer Junction	SSOW#: 44005151	A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascoboric Acid I - Ice J - DI Water K - EDTA L - EDA Other							
Site: FPL Kramer Junction		M - Hexane N - None O - AgNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)							
<b>Sample Identification - Client ID (Lab ID)</b>	<b>Sample Date</b>	<b>Sample Time</b>	<b>Sample Type (C=Comp, G=grab)</b>	<b>Matrix (Water, Solid, On-wast, Other)</b>	<b>Preservation Code</b>	<b>Field Filtered Sample (Yes or No)</b>	<b>Perform MS/MSD (Yes or No)</b>	<b>Total Number of Containers</b>	<b>Special Instructions/Note:</b>
BR West@1' (440-279274-1)	2/18/21	08:45 Pacific	Solid	Solid		X	X	1	Therminol
BR West@Bottom (440-279274-2)	2/18/21	08:55 Pacific	Solid	Solid		X	X	1	Therminol
BR Center@1' (440-279274-3)	2/18/21	09:00 Pacific	Solid	Solid		X	X	1	Therminol
BR Center@Bottom (440-279274-4)	2/18/21	09:10 Pacific	Solid	Solid		X	X	1	Therminol
BR East@1' (440-279274-5)	2/18/21	09:20 Pacific	Solid	Solid		X	X	1	Therminol
BR East@Bottom (440-279274-6)	2/18/21	09:30 Pacific	Solid	Solid		X	X	1	Therminol
LR Composite (440-279274-7)	2/18/21	10:00 Pacific	Solid	Solid		X	X	1	Therminol
<p>Note: Since laboratory accreditations are subject to change Eurofins Calscience places the ownership of method, analyte &amp; 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 listed above for analysis/matrix being analyzed the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience</p>									
<b>Possible Hazard Identification</b>									
<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:									
<b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b>									
Unconfirmed Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2 Method of Shipment:									
Empty Kit Relinquished by		Date		Time		Received by			
Relinquished by		2/19/21		14:33		Date/Time: 2/19/21 11:33			
Relinquished by		Date/Time:		Company		Date/Time: Company			
Relinquished by		Date/Time:		Company		Date/Time: Company			
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.		Cooler Temperature(s) °C and Other Remarks:		3-7/2-6 See			



## Login Sample Receipt Checklist

Client: FPL Energy Solar Partners III-VII, LLC

Job Number: 440-279274-1

**Login Number: 279274**

**List Number: 1**

**Creator: Lagunas, Jorge L**

**List Source: Eurofins Irvine**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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.	N/A	
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

## Login Sample Receipt Checklist

Client: FPL Energy Solar Partners III-VII, LLC

Job Number: 440-279274-1

**Login Number: 279274**

**List Number: 2**

**Creator: Koopman, Jennifer**

**List Source: Eurofins Calscience**

**List Creation: 02/19/21 04:11 PM**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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	2.6
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?	False	Received project as a subcontract.
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



## ANALYTICAL REPORT

Eurofins Calscience Irvine  
17461 Derian Ave  
Suite 100  
Irvine, CA 92614-5817  
Tel: (949)261-1022

Laboratory Job ID: 440-285792-1  
Client Project/Site: Nextera Kramer Junction

For:  
FPL Energy Solar Partners III-VII, LLC  
41100 Highway 395  
Boron, California 93516

Attn: Glen King



Authorized for release by:  
7/23/2021 1:19:36 PM

Sheri Fama, Project Manager I  
(949)260-3274  
[Sheri.Fama@Eurofinset.com](mailto:Sheri.Fama@Eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

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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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# Sample Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera Kramer Junction

Job ID: 440-285792-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-285792-1	BR Northwest	Solid	07/08/21 17:00	07/09/21 17:20
440-285792-2	BR Southeast	Solid	07/08/21 17:05	07/09/21 17:20
440-285792-3	BR Northeast	Solid	07/08/21 17:10	07/09/21 17:20
440-285792-4	BR Southwest	Solid	07/08/21 17:20	07/09/21 17:20

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# Case Narrative

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera Kramer Junction

Job ID: 440-285792-1

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**Job ID: 440-285792-1**

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**Laboratory: Eurofins Calscience Irvine**

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**Narrative**

**Job Narrative  
440-285792-1**

**Comments**

No additional comments.

**Receipt**

The samples were received on 7/9/2021 5:20 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 was 2.7° C.

**GC Semi VOA**

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

**Organic Prep**

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

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# Client Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera Kramer Junction

Job ID: 440-285792-1

## Client Sample ID: BR Northwest

Date Collected: 07/08/21 17:00

Date Received: 07/09/21 17:20

## Lab Sample ID: 440-285792-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	82		5.0	mg/Kg		07/21/21 15:32	07/22/21 15:59	1
1,1'-Biphenyl	22		5.0	mg/Kg		07/21/21 15:32	07/22/21 15:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	108		60 - 138			07/21/21 15:32	07/22/21 15:59	1

## Client Sample ID: BR Southeast

Date Collected: 07/08/21 17:05

Date Received: 07/09/21 17:20

## Lab Sample ID: 440-285792-2

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	69		4.9	mg/Kg		07/21/21 15:32	07/22/21 16:25	1
1,1'-Biphenyl	4.9		4.9	mg/Kg		07/21/21 15:32	07/22/21 16:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	106		60 - 138			07/21/21 15:32	07/22/21 16:25	1

## Client Sample ID: BR Northeast

Date Collected: 07/08/21 17:10

Date Received: 07/09/21 17:20

## Lab Sample ID: 440-285792-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		5.1	mg/Kg		07/21/21 15:32	07/22/21 16:51	1
1,1'-Biphenyl	ND		5.1	mg/Kg		07/21/21 15:32	07/22/21 16:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	102		60 - 138			07/21/21 15:32	07/22/21 16:51	1

## Client Sample ID: BR Southwest

Date Collected: 07/08/21 17:20

Date Received: 07/09/21 17:20

## Lab Sample ID: 440-285792-4

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	77		4.8	mg/Kg		07/21/21 15:32	07/22/21 17:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	110		60 - 138			07/21/21 15:32	07/22/21 17:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	850		24	mg/Kg		07/21/21 15:32	07/22/21 18:04	5

# Method Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera Kramer Junction

Job ID: 440-285792-1

Method	Method Description	Protocol	Laboratory
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494



# Lab Chronicle

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera Kramer Junction

Job ID: 440-285792-1

## Client Sample ID: BR Northwest

Lab Sample ID: 440-285792-1

Date Collected: 07/08/21 17:00

Matrix: Solid

Date Received: 07/09/21 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			9.92 g	10 mL	165609	07/21/21 15:32	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			165843	07/22/21 15:59	N5Y3	ECL 1

## Client Sample ID: BR Southeast

Lab Sample ID: 440-285792-2

Date Collected: 07/08/21 17:05

Matrix: Solid

Date Received: 07/09/21 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.30 g	10 mL	165609	07/21/21 15:32	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			165843	07/22/21 16:25	N5Y3	ECL 1

## Client Sample ID: BR Northeast

Lab Sample ID: 440-285792-3

Date Collected: 07/08/21 17:10

Matrix: Solid

Date Received: 07/09/21 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			9.85 g	10 mL	165609	07/21/21 15:32	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			165843	07/22/21 16:51	N5Y3	ECL 1

## Client Sample ID: BR Southwest

Lab Sample ID: 440-285792-4

Date Collected: 07/08/21 17:20

Matrix: Solid

Date Received: 07/09/21 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.43 g	10 mL	165609	07/21/21 15:32	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			165843	07/22/21 17:17	N5Y3	ECL 1
Total/NA	Prep	3550C	DL		10.43 g	10 mL	165609	07/21/21 15:32	N5Y3	ECL 1
Total/NA	Analysis	8015B	DL	5			165843	07/22/21 18:04	N5Y3	ECL 1

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

# QC Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera Kramer Junction

Job ID: 440-285792-1

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

**Lab Sample ID: MB 570-165609/1-A**  
**Matrix: Solid**  
**Analysis Batch: 165843**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 165609**

Analyte	MB MB		RL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier								
Benzene, 1,1'-oxybis-	ND		5.0	mg/Kg		07/21/21 15:32	07/22/21 13:48			1
1,1'-Biphenyl	ND		5.0	mg/Kg		07/21/21 15:32	07/22/21 13:48			1
Surrogate	MB MB		Limits	Prepared		Analyzed		Dil Fac		
%Recovery	Qualifier									
<i>n</i> -Octacosane (Surr)	107		60 - 138			07/21/21 15:32	07/22/21 13:48			1

**Lab Sample ID: LCS 570-165609/2-A**  
**Matrix: Solid**  
**Analysis Batch: 165843**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 165609**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Benzene, 1,1'-oxybis-	100	93.5		mg/Kg		94	68 - 120	
1,1'-Biphenyl	100	78.5		mg/Kg		79	57 - 120	
Surrogate	LCS LCS		Limits	Prepared		Analyzed		
%Recovery	Qualifier							
<i>n</i> -Octacosane (Surr)	94		60 - 138					

**Lab Sample ID: LCSD 570-165609/3-A**  
**Matrix: Solid**  
**Analysis Batch: 165843**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 165609**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD Limit	
									RPD	Limit
Benzene, 1,1'-oxybis-	100	96.4		mg/Kg		96	68 - 120	3	20	
1,1'-Biphenyl	100	81.0		mg/Kg		81	57 - 120	3	20	
Surrogate	LCSD LCSD		Limits	Prepared		Analyzed				
%Recovery	Qualifier									
<i>n</i> -Octacosane (Surr)	101		60 - 138							

**Lab Sample ID: 440-285792-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 165843**

**Client Sample ID: BR Northwest**  
**Prep Type: Total/NA**  
**Prep Batch: 165609**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	
Benzene, 1,1'-oxybis-	82		101	191		mg/Kg		107	68 - 120	
1,1'-Biphenyl	22		101	108		mg/Kg		84	57 - 120	
Surrogate	MS MS		Limits	Prepared		Analyzed				
%Recovery	Qualifier									
<i>n</i> -Octacosane (Surr)	97		60 - 138							

**Lab Sample ID: 440-285792-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 165843**

**Client Sample ID: BR Northwest**  
**Prep Type: Total/NA**  
**Prep Batch: 165609**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD Limit	
											RPD	Limit
Benzene, 1,1'-oxybis-	82		96.3	183		mg/Kg		104	68 - 120	4	20	
1,1'-Biphenyl	22		96.3	104		mg/Kg		84	57 - 120	4	20	

Eurofins Calscience Irvine



# QC Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera Kramer Junction

Job ID: 440-285792-1

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

Lab Sample ID: 440-285792-1 MSD  
Matrix: Solid  
Analysis Batch: 165843

Client Sample ID: BR Northwest  
Prep Type: Total/NA  
Prep Batch: 165609

<i>Surrogate</i>	<i>MSD</i>	<i>MSD</i>	<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
<i>n-Octacosane (Surr)</i>	103		60 - 138

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# QC Association Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera Kramer Junction

Job ID: 440-285792-1

## GC Semi VOA

### Prep Batch: 165609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-285792-1	BR Northwest	Total/NA	Solid	3550C	
440-285792-2	BR Southeast	Total/NA	Solid	3550C	
440-285792-3	BR Northeast	Total/NA	Solid	3550C	
440-285792-4 - DL	BR Southwest	Total/NA	Solid	3550C	
440-285792-4	BR Southwest	Total/NA	Solid	3550C	
MB 570-165609/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-165609/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-165609/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
440-285792-1 MS	BR Northwest	Total/NA	Solid	3550C	
440-285792-1 MSD	BR Northwest	Total/NA	Solid	3550C	

### Analysis Batch: 165843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-285792-1	BR Northwest	Total/NA	Solid	8015B	165609
440-285792-2	BR Southeast	Total/NA	Solid	8015B	165609
440-285792-3	BR Northeast	Total/NA	Solid	8015B	165609
440-285792-4	BR Southwest	Total/NA	Solid	8015B	165609
440-285792-4 - DL	BR Southwest	Total/NA	Solid	8015B	165609
MB 570-165609/1-A	Method Blank	Total/NA	Solid	8015B	165609
LCS 570-165609/2-A	Lab Control Sample	Total/NA	Solid	8015B	165609
LCSD 570-165609/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	165609
440-285792-1 MS	BR Northwest	Total/NA	Solid	8015B	165609
440-285792-1 MSD	BR Northwest	Total/NA	Solid	8015B	165609

## Definitions/Glossary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera Kramer Junction

Job ID: 440-285792-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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
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
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Accreditation/Certification Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera Kramer Junction

Job ID: 440-285792-1

## Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0161	11-19-21
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	21-003R	06-22-22
Nevada	State	CA00111	07-31-21
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

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# Chain of Custody Record

557091



Environment Testing  
TestAmerica

Address: \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other:

TAL-8210

<b>Client Contact</b>		<b>Project Manager:</b>			<b>Site Contact:</b>		<b>Date:</b> 2-9-21		<b>COC No:</b>															
Company Name: <u>Nortens-Kramer Junction</u>		Tel/Email:			Lab Contact:		Carrier:		_____ of _____ COCs															
Address: <u>41100 Hwy 395</u>		<table border="1"> <tr> <th colspan="2">Analysis Turnaround Time</th> </tr> <tr> <td><input type="checkbox"/> CALENDAR DAYS</td> <td><input type="checkbox"/> WORKING DAYS</td> </tr> <tr> <td colspan="2">TAT if different from Below _____</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>2 weeks</td> </tr> <tr> <td><input type="checkbox"/></td> <td>1 week</td> </tr> <tr> <td><input type="checkbox"/></td> <td>2 days</td> </tr> <tr> <td><input type="checkbox"/></td> <td>1 day</td> </tr> </table>									Analysis Turnaround Time		<input type="checkbox"/> CALENDAR DAYS	<input type="checkbox"/> WORKING DAYS	TAT if different from Below _____		<input checked="" type="checkbox"/>	2 weeks	<input type="checkbox"/>	1 week	<input type="checkbox"/>	2 days	<input type="checkbox"/>	1 day
Analysis Turnaround Time																								
<input type="checkbox"/> CALENDAR DAYS	<input type="checkbox"/> WORKING DAYS																							
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<input type="checkbox"/>	2 days																							
<input type="checkbox"/>	1 day																							
City/State/Zip: <u>Barro, CA 93516</u>																								
Phone: <u>(260) 262-5562</u>																								
Fax:																								
Project Name: <u>Nortens-Kramer Junction</u>																								
Site:																								
P O #																								
<b>Sample Identification</b>		<b>Sample Date</b>	<b>Sample Time</b>	<b>Sample Type</b> (C=Comp, G=Grab)	<b>Matrix</b>	<b># of Cont.</b>	<b>Filtered Sample (Y/N)</b>	<b>Perform MS/MSD (Y/N)</b>	For Lab Use Only: Walk-in Client: _____ Lab Sampling: _____  Job / SDG No.: _____  502 7/10/21 Sample Specific Notes: _____															
<u>BR Northwest</u>		<u>2-8-21</u>	<u>1200</u>	<u>G</u>	<u>Soil</u>	<u>1</u>	<u>N</u>	<u>X</u>																
<u>BR Southeast</u>		<u>2-8-21</u>	<u>1205</u>	<u>G</u>	<u>Soil</u>	<u>1</u>	<u>N</u>	<u>X</u>																
<u>BR Northeast</u>		<u>2-8-21</u>	<u>1210</u>	<u>G</u>	<u>Soil</u>	<u>1</u>	<u>N</u>	<u>X</u>																
<u>BR Southwest</u>		<u>2-8-21</u>	<u>1220</u>	<u>G</u>	<u>Soil</u>	<u>1</u>	<u>N</u>	<u>X</u>																
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____		Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.		Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)																				
<input checked="" type="checkbox"/> Non-Hazard		<input type="checkbox"/> Flammable		<input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Poison B		<input type="checkbox"/> Unknown		<input type="checkbox"/> Return to Client		<input type="checkbox"/> Disposal by Lab		<input type="checkbox"/> Archive for _____ Months										
Special Instructions/QC Requirements & Comments:																								
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:			Cooler Temp. (°C): Obs'd: <u>2.7</u>		Corr'd: <u>2.7</u>		Therm ID No.: <u>1289</u>															
Relinquished by: <u>[Signature]</u>		Company: <u>Nortens</u>		Date/Time: <u>2-9-21 1720</u>		Received by:		Company:		Date/Time:														
Relinquished by:		Company:		Date/Time:		Received by:		Company:		Date/Time:														
Relinquished by:		Company:		Date/Time:		Received in Laboratory by: <u>[Signature]</u>		Company: <u>EC IRV</u>		Date/Time: <u>7/9/21 1720</u>														



440-285792 Chain of Custody

**Chain of Custody Record**



<b>Client Information (Sub Contract Lab)</b>		Sampler:	Lab PM	Carrier Tracking No(s):	COG No:			
Client Contact: Shipping/Receiving		Phone:	Faina, Sheri M	State of Origin	440-171321 1			
Company: Eurofins Calscience LLC		E-Mail:	Sheri.Fama@Eurofins.com	Page:	Page 1 of 1			
Address: 7440 Lincoln Way,		Accreditations Required (See note): State Program - California		Job #:	440-285792-1			
City: Garden Grove	Due Date Requested 7/22/2021	<b>Analysis Requested</b>						
State, Zip CA, 92841	TAT Requested (days):	<b>Preservation Codes</b>						
Phone: 714-895-5494(Tel) 714-894-7501(Fax)	PO #:	A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:						
Email:	WO #:	M - Hexane N - None O - AsNeO2 P - Na2OHS Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)						
Project Name: Nextera Kramer Junction	Project #: 44005151	Total Number of Containers						
Site: FPL Kramer Junction	SSOW#:	Special Instructions/Note.						
<b>Sample Identification - Client ID (Lab ID)</b>	<b>Sample Date</b>	<b>Sample Time</b>	<b>Sample Type (C=Comp, G=grab)</b>	<b>Matrix (W=water, S=solid, O=oil, A=air)</b>	<b>Field Filtered Sample (Yes or No)</b>	<b>Perform MS/MSD (Yes or No)</b>	<b>8015B_PRO/3550C (MOD) Therminol</b>	<b>Special Instructions/Note.</b>
BR Northwest (440-285792-1)	7/8/21	17:00 Pacific	Solid	Solid	X	X		Therminol
BR Southeast (440-285792-2)	7/8/21	17:05 Pacific	Solid	Solid	X	X		Therminol
BR Northeast (440-285792-3)	7/8/21	17:10 Pacific	Solid	Solid	X	X		Therminol
BR Southwest (440-285792-4)	7/8/21	17:20 Pacific	Solid	Solid	X	X		Therminol

Note: Since laboratory accreditations are subject to change Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

**Possible Hazard Identification**  
 Unconfirmed  
 Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2  
 Empty Kit Relinquished by  
 Relinquished by: *PM* Date: *07/22/21*  
 Relinquished by: *DR* Date/Time: *08:20*  
 Relinquished by: *DR* Date/Time: *08:20*  
 Relinquished by: *DR* Date/Time: *08:20*  
 Company: *EC*  
 Date/Time: *07/12/21 08:20*  
 Date/Time: *08:20*  
 Date/Time: *08:20*  
 Date/Time: *08:20*  
 Company: *EC*  
 Company: *EC*  
 Company: *EC*  
 Company: *EC*  
 Cooler Temperature(s) °C and Other Remarks: *2-5/2-1 SEC*

**Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)**  
 Return To Client  
 Disposal By Lab  
 Special Instructions/QC Requirements  
 Method of Shipment: *Archive For* Months



# Login Sample Receipt Checklist

Client: FPL Energy Solar Partners III-VII, LLC

Job Number: 440-285792-1

**Login Number: 285792**

**List Source: Eurofins Calscience Irvine**

**List Number: 1**

**Creator: Lagunas, Jorge L**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



## Login Sample Receipt Checklist

Client: FPL Energy Solar Partners III-VII, LLC

Job Number: 440-285792-1

**Login Number: 285792**

**List Number: 2**

**Creator: Cruise, Noel**

**List Source: Eurofins Calscience LLC**

**List Creation: 07/12/21 12:00 PM**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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	2.1
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?	False	Received project as a subcontract.
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 <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



## ANALYTICAL REPORT

Eurofins Calscience Irvine  
17461 Derian Ave  
Suite 100  
Irvine, CA 92614-5817  
Tel: (949)261-1022

Laboratory Job ID: 440-288354-1

Client Project/Site: Nextera - Kramer Junction

For:

FPL Energy Solar Partners III-VII, LLC  
41100 Highway 395  
Boron, California 93516

Attn: Glen King



Authorized for release by:  
9/15/2021 5:34:30 PM

Sheri Fama, Project Manager I  
(949)260-3274  
[Sheri.Fama@Eurofinset.com](mailto:Sheri.Fama@Eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*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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# Sample Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-288354-1

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<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
440-288354-1	Segs III 426-South	Solid	08/31/21 18:10	09/01/21 18:35
440-288354-2	Segs III 426-North	Solid	08/31/21 18:15	09/01/21 18:35
440-288354-3	Segs III slope	Solid	08/31/21 18:20	09/01/21 18:35

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# Case Narrative

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-288354-1

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## Job ID: 440-288354-1

---

### Laboratory: Eurofins Calscience Irvine

#### Narrative

---

#### Job Narrative 440-288354-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 9/1/2021 6:35 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 was 0.6° C.

#### Receipt Exceptions

The Field Sampler was not listed on the Chain of Custody.

#### GC Semi VOA

Method 8015B: Surrogate recovery for the following samples were outside control limits: Segs III 426-South (440-288354-1) and Segs III 426-North (440-288354-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

#### Organic Prep

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



# Client Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-288354-1

## Client Sample ID: Segs III 426-South

Date Collected: 08/31/21 18:10

Date Received: 09/01/21 18:35

## Lab Sample ID: 440-288354-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	9100		510	mg/Kg		09/13/21 10:39	09/13/21 22:37	100
1,1'-Biphenyl	3400		510	mg/Kg		09/13/21 10:39	09/13/21 22:37	100
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	350	S1+	60 - 138			09/13/21 10:39	09/13/21 22:37	100

## Client Sample ID: Segs III 426-North

Date Collected: 08/31/21 18:15

Date Received: 09/01/21 18:35

## Lab Sample ID: 440-288354-2

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	10000		470	mg/Kg		09/13/21 10:39	09/13/21 23:03	100
1,1'-Biphenyl	3600		470	mg/Kg		09/13/21 10:39	09/13/21 23:03	100
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	252	S1+	60 - 138			09/13/21 10:39	09/13/21 23:03	100

## Client Sample ID: Segs III slope

Date Collected: 08/31/21 18:20

Date Received: 09/01/21 18:35

## Lab Sample ID: 440-288354-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	89		25	mg/Kg		09/13/21 10:39	09/13/21 23:30	5
1,1'-Biphenyl	34		25	mg/Kg		09/13/21 10:39	09/13/21 23:30	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	96		60 - 138			09/13/21 10:39	09/13/21 23:30	5

# Method Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-288354-1

Method	Method Description	Protocol	Laboratory
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494



# Lab Chronicle

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-288354-1

## Client Sample ID: Segs III 426-South

Lab Sample ID: 440-288354-1

Date Collected: 08/31/21 18:10

Matrix: Solid

Date Received: 09/01/21 18:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			9.90 g	10 mL	178698	09/13/21 10:39	UYUW	ECL 1
Total/NA	Analysis	8015B		100			178753	09/13/21 22:37	N5Y3	ECL 1

## Client Sample ID: Segs III 426-North

Lab Sample ID: 440-288354-2

Date Collected: 08/31/21 18:15

Matrix: Solid

Date Received: 09/01/21 18:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.61 g	10 mL	178698	09/13/21 10:39	UYUW	ECL 1
Total/NA	Analysis	8015B		100			178753	09/13/21 23:03	N5Y3	ECL 1

## Client Sample ID: Segs III slope

Lab Sample ID: 440-288354-3

Date Collected: 08/31/21 18:20

Matrix: Solid

Date Received: 09/01/21 18:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.05 g	10 mL	178698	09/13/21 10:39	UYUW	ECL 1
Total/NA	Analysis	8015B		5			178753	09/13/21 23:30	N5Y3	ECL 1

### Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

# QC Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-288354-1

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

**Lab Sample ID: MB 570-178698/1-A**  
**Matrix: Solid**  
**Analysis Batch: 178753**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 178698**

Analyte	MB MB		RL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier								
Benzene, 1,1'-oxybis-	ND		5.0	mg/Kg		09/13/21 10:39	09/13/21 19:32			1
1,1'-Biphenyl	ND		5.0	mg/Kg		09/13/21 10:39	09/13/21 19:32			1
Surrogate		MB MB	Limits	Prepared		Analyzed		Dil Fac		
%Recovery	Qualifier									
n-Octacosane (Surr)		86	60 - 138	09/13/21 10:39		09/13/21 19:32		1		

**Lab Sample ID: LCS 570-178698/2-A**  
**Matrix: Solid**  
**Analysis Batch: 178753**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 178698**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Benzene, 1,1'-oxybis-	100	97.8		mg/Kg		98	68 - 120	
1,1'-Biphenyl	100	82.5		mg/Kg		83	57 - 120	
Surrogate		LCS LCS	Limits	Prepared		Analyzed		
%Recovery	Qualifier							
n-Octacosane (Surr)		82	60 - 138	09/13/21 10:39		09/13/21 19:32		

**Lab Sample ID: LCSD 570-178698/3-A**  
**Matrix: Solid**  
**Analysis Batch: 178753**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 178698**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD Limit	
									RPD	Limit
Benzene, 1,1'-oxybis-	100	99.0		mg/Kg		99	68 - 120		1	20
1,1'-Biphenyl	100	83.6		mg/Kg		84	57 - 120		1	20
Surrogate		LCSD LCSD	Limits	Prepared		Analyzed				
%Recovery	Qualifier									
n-Octacosane (Surr)		83	60 - 138	09/13/21 10:39		09/13/21 19:32				

**Lab Sample ID: 440-288353-A-1-D MS**  
**Matrix: Solid**  
**Analysis Batch: 178753**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 178698**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	
Benzene, 1,1'-oxybis-	70		97.2	177		mg/Kg		110	68 - 120	
1,1'-Biphenyl	11		97.2	90.9		mg/Kg		82	57 - 120	
Surrogate		MS MS	Limits	Prepared		Analyzed				
%Recovery	Qualifier									
n-Octacosane (Surr)		85	60 - 138	09/13/21 10:39		09/13/21 19:32				

**Lab Sample ID: 440-288353-A-1-E MSD**  
**Matrix: Solid**  
**Analysis Batch: 178753**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 178698**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD Limit	
											RPD	Limit
Benzene, 1,1'-oxybis-	70		94.0	172		mg/Kg		108	68 - 120		3	20
1,1'-Biphenyl	11		94.0	91.7		mg/Kg		86	57 - 120		1	20
Surrogate		MSD MSD	Limits	Prepared		Analyzed						
%Recovery	Qualifier											
n-Octacosane (Surr)		85	60 - 138	09/13/21 10:39		09/13/21 19:32						



# QC Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-288354-1

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

Lab Sample ID: 440-288353-A-1-E MSD  
Matrix: Solid  
Analysis Batch: 178753

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 178698

<i>Surrogate</i>	<i>MSD</i>	<i>MSD</i>	<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
<i>n-Octacosane (Surr)</i>	89		60 - 138

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# QC Association Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-288354-1

## GC Semi VOA

### Prep Batch: 178698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-288354-1	Segs III 426-South	Total/NA	Solid	3550C	
440-288354-2	Segs III 426-North	Total/NA	Solid	3550C	
440-288354-3	Segs III slope	Total/NA	Solid	3550C	
MB 570-178698/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-178698/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-178698/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
440-288353-A-1-D MS	Matrix Spike	Total/NA	Solid	3550C	
440-288353-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	

### Analysis Batch: 178753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-288354-1	Segs III 426-South	Total/NA	Solid	8015B	178698
440-288354-2	Segs III 426-North	Total/NA	Solid	8015B	178698
440-288354-3	Segs III slope	Total/NA	Solid	8015B	178698
MB 570-178698/1-A	Method Blank	Total/NA	Solid	8015B	178698
LCS 570-178698/2-A	Lab Control Sample	Total/NA	Solid	8015B	178698
LCSD 570-178698/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	178698
440-288353-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B	178698
440-288353-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	178698

# Definitions/Glossary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-288354-1

## Qualifiers

### GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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
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
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Accreditation/Certification Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-288354-1

## Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0161	11-19-21
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	21-003R	06-22-22
Nevada	State	CA00111	07-31-22
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

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## Login Sample Receipt Checklist

Client: FPL Energy Solar Partners III-VII, LLC

Job Number: 440-288354-1

**Login Number: 288354**

**List Source: Eurofins Calscience Irvine**

**List Number: 1**

**Creator: Lagunas, Jorge L**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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?	False	Refer to Job Narrative for details.
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

## Login Sample Receipt Checklist

Client: FPL Energy Solar Partners III-VII, LLC

Job Number: 440-288354-1

**Login Number: 288354**

**List Number: 2**

**Creator: Ortiz-Luis, Michael**

**List Source: Eurofins Calscience LLC**

**List Creation: 09/02/21 11:13 AM**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	1.5
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?	False	Received project as a subcontract.
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



## ANALYTICAL REPORT

Eurofins Calscience Irvine  
17461 Derian Ave  
Suite 100  
Irvine, CA 92614-5817  
Tel: (949)261-1022

Laboratory Job ID: 440-288353-1

Client Project/Site: Nextera - Kramer Junction

For:

FPL Energy Solar Partners III-VII, LLC  
41100 Highway 395  
Boron, California 93516

Attn: Glen King



Authorized for release by:  
9/15/2021 5:15:52 PM

Sheri Fama, Project Manager I  
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**TotalAccess**

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[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*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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# Sample Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-288353-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-288353-1	BR SW #1	Solid	08/31/21 18:25	09/01/21 18:35
440-288353-2	BR SW #2	Solid	08/31/21 18:30	09/01/21 18:35

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# Case Narrative

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-288353-1

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## Job ID: 440-288353-1

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### Laboratory: Eurofins Calscience Irvine

#### Narrative

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#### Job Narrative 440-288353-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 9/1/2021 6:35 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 was 0.6° C.

#### Receipt Exceptions

The Field Sampler was not listed on the Chain of Custody.

#### GC Semi VOA

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

#### Organic Prep

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

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# Client Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-288353-1

## Client Sample ID: BR SW #1

Date Collected: 08/31/21 18:25

Date Received: 09/01/21 18:35

## Lab Sample ID: 440-288353-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	70		4.7	mg/Kg		09/13/21 10:39	09/13/21 21:44	1
1,1'-Biphenyl	11		4.7	mg/Kg		09/13/21 10:39	09/13/21 21:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	102		60 - 138			09/13/21 10:39	09/13/21 21:44	1

## Client Sample ID: BR SW #2

Date Collected: 08/31/21 18:30

Date Received: 09/01/21 18:35

## Lab Sample ID: 440-288353-2

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	56		5.1	mg/Kg		09/13/21 10:39	09/13/21 22:11	1
1,1'-Biphenyl	7.5		5.1	mg/Kg		09/13/21 10:39	09/13/21 22:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	96		60 - 138			09/13/21 10:39	09/13/21 22:11	1

# Method Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-288353-1

Method	Method Description	Protocol	Laboratory
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494



# Lab Chronicle

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-288353-1

## Client Sample ID: BR SW #1

Date Collected: 08/31/21 18:25

Date Received: 09/01/21 18:35

## Lab Sample ID: 440-288353-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.53 g	10 mL	178698	09/13/21 10:39	UYUW	ECL 1
Total/NA	Analysis	8015B		1			178753	09/13/21 21:44	N5Y3	ECL 1

## Client Sample ID: BR SW #2

Date Collected: 08/31/21 18:30

Date Received: 09/01/21 18:35

## Lab Sample ID: 440-288353-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			9.89 g	10 mL	178698	09/13/21 10:39	UYUW	ECL 1
Total/NA	Analysis	8015B		1			178753	09/13/21 22:11	N5Y3	ECL 1

### Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

# QC Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera - Kramer Junction

Job ID: 440-288353-1

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

**Lab Sample ID: MB 570-178698/1-A**  
**Matrix: Solid**  
**Analysis Batch: 178753**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 178698**

Analyte	MB MB		RL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier								
Benzene, 1,1'-oxybis-	ND		5.0	mg/Kg		09/13/21 10:39	09/13/21 19:32			1
1,1'-Biphenyl	ND		5.0	mg/Kg		09/13/21 10:39	09/13/21 19:32			1
Surrogate		MB MB	Limits	Prepared		Analyzed		Dil Fac		
%Recovery	Qualifier									
n-Octacosane (Surr)		86	60 - 138	09/13/21 10:39		09/13/21 19:32		1		

**Lab Sample ID: LCS 570-178698/2-A**  
**Matrix: Solid**  
**Analysis Batch: 178753**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 178698**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Benzene, 1,1'-oxybis-	100	97.8		mg/Kg		98	68 - 120	
1,1'-Biphenyl	100	82.5		mg/Kg		83	57 - 120	
Surrogate		LCS LCS	Limits	Prepared		Analyzed		
%Recovery	Qualifier							
n-Octacosane (Surr)		82	60 - 138	09/13/21 10:39		09/13/21 19:32		

**Lab Sample ID: LCSD 570-178698/3-A**  
**Matrix: Solid**  
**Analysis Batch: 178753**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 178698**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD Limit	
									RPD	Limit
Benzene, 1,1'-oxybis-	100	99.0		mg/Kg		99	68 - 120	1	20	
1,1'-Biphenyl	100	83.6		mg/Kg		84	57 - 120	1	20	
Surrogate		LCSD LCSD	Limits	Prepared		Analyzed		RPD		
%Recovery	Qualifier									
n-Octacosane (Surr)		83	60 - 138	09/13/21 10:39		09/13/21 19:32				

**Lab Sample ID: 440-288353-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 178753**

**Client Sample ID: BR SW #1**  
**Prep Type: Total/NA**  
**Prep Batch: 178698**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	
Benzene, 1,1'-oxybis-	70		97.2	177		mg/Kg		110	68 - 120	
1,1'-Biphenyl	11		97.2	90.9		mg/Kg		82	57 - 120	
Surrogate		MS MS	Limits	Prepared		Analyzed		RPD		
%Recovery	Qualifier									
n-Octacosane (Surr)		85	60 - 138	09/13/21 10:39		09/13/21 19:32				

**Lab Sample ID: 440-288353-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 178753**

**Client Sample ID: BR SW #1**  
**Prep Type: Total/NA**  
**Prep Batch: 178698**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD Limit	
											RPD	Limit
Benzene, 1,1'-oxybis-	70		94.0	172		mg/Kg		108	68 - 120	3	20	
1,1'-Biphenyl	11		94.0	91.7		mg/Kg		86	57 - 120	1	20	



# QC Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-288353-1

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

Lab Sample ID: 440-288353-1 MSD  
Matrix: Solid  
Analysis Batch: 178753

Client Sample ID: BR SW #1  
Prep Type: Total/NA  
Prep Batch: 178698

<i>Surrogate</i>	<i>MSD</i>	<i>MSD</i>	<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
<i>n-Octacosane (Surr)</i>	89		60 - 138

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# QC Association Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-288353-1

## GC Semi VOA

### Prep Batch: 178698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-288353-1	BR SW #1	Total/NA	Solid	3550C	
440-288353-2	BR SW #2	Total/NA	Solid	3550C	
MB 570-178698/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-178698/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-178698/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
440-288353-1 MS	BR SW #1	Total/NA	Solid	3550C	
440-288353-1 MSD	BR SW #1	Total/NA	Solid	3550C	

### Analysis Batch: 178753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-288353-1	BR SW #1	Total/NA	Solid	8015B	178698
440-288353-2	BR SW #2	Total/NA	Solid	8015B	178698
MB 570-178698/1-A	Method Blank	Total/NA	Solid	8015B	178698
LCS 570-178698/2-A	Lab Control Sample	Total/NA	Solid	8015B	178698
LCSD 570-178698/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	178698
440-288353-1 MS	BR SW #1	Total/NA	Solid	8015B	178698
440-288353-1 MSD	BR SW #1	Total/NA	Solid	8015B	178698

## Definitions/Glossary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-288353-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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
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
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Accreditation/Certification Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera - Kramer Junction

Job ID: 440-288353-1

## Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0161	11-19-21
California	Los Angeles County Sanitation Districts	10109	09-30-21
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-21
Guam	State	21-003R	06-22-22
Nevada	State	CA00111	07-31-22
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21

**TestAmerica Irvine**  
 17461 Verian Ave  
 Suite 100  
 Irvine, CA 92614  
 Phone 949 261 1022 Fax

**Chain of Custody Record 206321**

**TestAmerica**  
 THE LEADER IN ENVIRONMENTAL TESTING  
**TestAmerica Laboratories, Inc.**  
 TAL-9210 (0713)

Regulatory Program  DW  NPDES  RCRA  Other

Project Manager: Glen King Date: 9-1-21 Carrier: 83321 COC No:      of      COCs

Company Name: Northern  
 Address: 4100 Hwy 95  
 City/State/Zip: Bonny CA 93516  
 Phone:       
 Fax:       
 Project Name: Northern - Groundwater  
 Site:       
 P.O.#:     

Client Contact:       
 Site Contact:       
 Lab Contact: 8015 Mod for Thermal  
 Perform MS/MSD (Y/N)       
 Filtered Sample (Y/N)     

Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes
8-21-21	1825	G	Soil	1	MMK
8-21-21	1830	G	Soil	1	MMK



440-286353 Chain of Custody

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other  
 Possible Hazard Identification:       
 Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample  
 Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown  
 Return to Client  Disposal by Lab  Archive for      Months

Special Instructions/QC Requirements & Comments:

Relinquished by	Date/Time	Company	Relinquished by	Date/Time	Company	Relinquished by	Date/Time	Company
<u>    </u>	<u>9-1-21 1830</u>	<u>Northern</u>	<u>    </u>	<u>9-1-21 1835</u>	<u>EC-4 RV</u>	<u>    </u>	<u>    </u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>



# Chain of Custody Record



<b>Client Information (Sub Contract Lab)</b>		Sampler	Lab P/N: Fama, Sheri M		Carrier Tracking No(s): 440-172942 1																																				
Client Contact: Shipping/Receiving		Phone:	E-Mail: Sheri Fama@Eurofinset.com		Page: Page 1 of 1																																				
Company: Eurofins Calscience LLC		Accreditations Required (See note): State Program - California																																							
Address: 7440 Lincoln Way, Garden Grove, CA, 92841		Due Date Requested: 9/14/2021	<b>Analysis Requested</b>																																						
Phone: 714-895-5494(Tel) 714-894-7501(Fax)		TAT Requested (days):																																							
Email:		PO #:	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C=comp, G=grab)</th> <th>Matrix (Water, Soil, Overstool, Tissue, Air)</th> <th>Field Filtered Sample (Yes or No)</th> <th>Perform MS/MSD (Yes or No)</th> <th>8015B_DRO/550C (MOD) Therminol</th> <th>Total Number of Containers</th> <th>Special Instructions/Note</th> </tr> </thead> <tbody> <tr> <td>BR SW #1 (440-288353-1)</td> <td>8/31/21</td> <td>18:25 Pacific</td> <td>Solid</td> <td>X</td> <td>X</td> <td></td> <td>1</td> <td>Therminol</td> </tr> <tr> <td>BR SW #2 (440-288353-2)</td> <td>8/31/21</td> <td>18:30 Pacific</td> <td>Solid</td> <td>X</td> <td>X</td> <td></td> <td>1</td> <td>Therminol</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Soil, Overstool, Tissue, Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015B_DRO/550C (MOD) Therminol	Total Number of Containers	Special Instructions/Note	BR SW #1 (440-288353-1)	8/31/21	18:25 Pacific	Solid	X	X		1	Therminol	BR SW #2 (440-288353-2)	8/31/21	18:30 Pacific	Solid	X	X		1	Therminol									
Sample Date	Sample Time	Sample Type (C=comp, G=grab)				Matrix (Water, Soil, Overstool, Tissue, Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015B_DRO/550C (MOD) Therminol	Total Number of Containers	Special Instructions/Note																														
BR SW #1 (440-288353-1)	8/31/21	18:25 Pacific				Solid	X	X		1	Therminol																														
BR SW #2 (440-288353-2)	8/31/21	18:30 Pacific				Solid	X	X		1	Therminol																														
Project Name: Nextera Kramer Junction		Project #: 44005151																																							
Site: FPL Kramer Junction		SSOW#:																																							

**Sample Identification - Client ID (Lab ID)**

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

**Possible Hazard Identification**  
 Unconfirmed  Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months  
 Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

Empty Kit Relinquished by	Date:	Time	Method of Shipment:
Relinquished by: <i>[Signature]</i>	Date/Time: 9/15/21 0900		Received by: <i>[Signature]</i>
Relinquished by:	Date/Time:		Received by:
Relinquished by:	Date/Time:		Received by:
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 1.9/15 SCW	



## Login Sample Receipt Checklist

Client: FPL Energy Solar Partners III-VII, LLC

Job Number: 440-288353-1

**Login Number: 288353**

**List Source: Eurofins Calscience Irvine**

**List Number: 1**

**Creator: Lagunas, Jorge L**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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?	False	Refer to Job Narrative for details.
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

## Login Sample Receipt Checklist

Client: FPL Energy Solar Partners III-VII, LLC

Job Number: 440-288353-1

**Login Number: 288353**

**List Number: 2**

**Creator: Ortiz-Luis, Michael**

**List Source: Eurofins Calscience LLC**

**List Creation: 09/02/21 11:12 AM**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	1.5
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?	False	Received project as a subcontract.
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



## ANALYTICAL REPORT

Eurofins Calscience Irvine  
17461 Derian Ave  
Suite 100  
Irvine, CA 92614-5817  
Tel: (949)261-1022

Laboratory Job ID: 440-290241-1  
Client Project/Site: Nextera-Kramer Junction

For:  
FPL Energy Solar Partners III-VII, LLC  
41100 Highway 395  
Boron, California 93516

Attn: Maria Lopez



Authorized for release by:  
10/31/2021 12:38:05 PM

Sheri Fama, Project Manager I  
(949)260-3274  
[Sheri.Fama@Eurofinset.com](mailto:Sheri.Fama@Eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



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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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# Sample Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera-Kramer Junction

Job ID: 440-290241-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-290241-1	Segs III Center Section-10-17-21	Solid	10/17/21 10:45	10/18/21 16:43

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# Case Narrative

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera-Kramer Junction

Job ID: 440-290241-1

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## Job ID: 440-290241-1

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### Laboratory: Eurofins Calscience Irvine

#### Narrative

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#### Job Narrative 440-290241-1

#### Comments

No additional comments.

#### Receipt

The sample was received on 10/18/2021 4:43 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 was 1.2° C.

#### Receipt Exceptions

The Field Sampler was not listed on the Chain of Custody.

#### GC Semi VOA

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

#### Organic Prep

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

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# Client Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera-Kramer Junction

Job ID: 440-290241-1

**Client Sample ID: Segs III Center Section-10-17-21**

**Lab Sample ID: 440-290241-1**

Date Collected: 10/17/21 10:45

Matrix: Solid

Date Received: 10/18/21 16:43

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	23		5.2	mg/Kg		10/29/21 11:53	10/29/21 13:28	1
1,1'-Biphenyl	7.7		5.2	mg/Kg		10/29/21 11:53	10/29/21 13:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	94		60 - 138			10/29/21 11:53	10/29/21 13:28	1

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# Method Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera-Kramer Junction

Job ID: 440-290241-1

Method	Method Description	Protocol	Laboratory
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494



# Lab Chronicle

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera-Kramer Junction

Job ID: 440-290241-1

**Client Sample ID: Segs III Center Section-10-17-21**

**Lab Sample ID: 440-290241-1**

**Date Collected: 10/17/21 10:45**

**Matrix: Solid**

**Date Received: 10/18/21 16:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			9.56 g	10 mL	190380	10/29/21 11:53	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			190373	10/29/21 13:28	UJ3K	ECL 1

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

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# QC Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera-Kramer Junction

Job ID: 440-290241-1

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

**Lab Sample ID: MB 570-190380/1-A**  
**Matrix: Solid**  
**Analysis Batch: 190373**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 190380**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		5.0	mg/Kg		10/29/21 11:53	10/29/21 13:02	1
1,1'-Biphenyl	ND		5.0	mg/Kg		10/29/21 11:53	10/29/21 13:02	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	100		60 - 138			10/29/21 11:53	10/29/21 13:02	1

**Lab Sample ID: LCS 570-190380/2-A**  
**Matrix: Solid**  
**Analysis Batch: 190373**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 190380**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzene, 1,1'-oxybis-	100	82.2		mg/Kg		82	68 - 120
1,1'-Biphenyl	100	86.0		mg/Kg		86	57 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits			%Rec.	
<i>n</i> -Octacosane (Surr)	90		60 - 138				

**Lab Sample ID: LCSD 570-190380/3-A**  
**Matrix: Solid**  
**Analysis Batch: 190373**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 190380**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene, 1,1'-oxybis-	100	86.4		mg/Kg		86	68 - 120	5	20
1,1'-Biphenyl	100	90.3		mg/Kg		90	57 - 120	5	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits			%Rec.		RPD	Limit
<i>n</i> -Octacosane (Surr)	92		60 - 138						

**Lab Sample ID: 440-290241-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 190373**

**Client Sample ID: Segs III Center Section-10-17-21**  
**Prep Type: Total/NA**  
**Prep Batch: 190380**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Benzene, 1,1'-oxybis-	23		97.8	109		mg/Kg		88	68 - 120
1,1'-Biphenyl	7.7		97.8	98.1		mg/Kg		92	57 - 120
Surrogate	MS %Recovery	MS Qualifier	Limits			%Rec.			
<i>n</i> -Octacosane (Surr)	100		60 - 138						

**Lab Sample ID: 440-290241-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 190373**

**Client Sample ID: Segs III Center Section-10-17-21**  
**Prep Type: Total/NA**  
**Prep Batch: 190380**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene, 1,1'-oxybis-	23		101	116		mg/Kg		92	68 - 120	6	20
1,1'-Biphenyl	7.7		101	104		mg/Kg		95	57 - 120	5	20



# QC Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera-Kramer Junction

Job ID: 440-290241-1

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

Lab Sample ID: 440-290241-1 MSD  
Matrix: Solid  
Analysis Batch: 190373

Client Sample ID: Segs III Center Section-10-17-21  
Prep Type: Total/NA  
Prep Batch: 190380

<i>Surrogate</i>	<i>%Recovery</i>	<i>MSD MSD Qualifier</i>	<i>Limits</i>
<i>n-Octacosane (Surr)</i>	95		60 - 138

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# QC Association Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera-Kramer Junction

Job ID: 440-290241-1

## GC Semi VOA

### Analysis Batch: 190373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-290241-1	Segs III Center Section-10-17-21	Total/NA	Solid	8015B	190380
MB 570-190380/1-A	Method Blank	Total/NA	Solid	8015B	190380
LCS 570-190380/2-A	Lab Control Sample	Total/NA	Solid	8015B	190380
LCSD 570-190380/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	190380
440-290241-1 MS	Segs III Center Section-10-17-21	Total/NA	Solid	8015B	190380
440-290241-1 MSD	Segs III Center Section-10-17-21	Total/NA	Solid	8015B	190380

### Prep Batch: 190380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-290241-1	Segs III Center Section-10-17-21	Total/NA	Solid	3550C	190380
MB 570-190380/1-A	Method Blank	Total/NA	Solid	3550C	190380
LCS 570-190380/2-A	Lab Control Sample	Total/NA	Solid	3550C	190380
LCSD 570-190380/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	190380
440-290241-1 MS	Segs III Center Section-10-17-21	Total/NA	Solid	3550C	190380
440-290241-1 MSD	Segs III Center Section-10-17-21	Total/NA	Solid	3550C	190380

## Definitions/Glossary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera-Kramer Junction

Job ID: 440-290241-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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
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
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Accreditation/Certification Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera-Kramer Junction

Job ID: 440-290241-1

## Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22

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**TestAmerica Irvine**  
 17461 Berrian Ave  
 Suite 100  
 Irvine, CA 92614  
 Phone 949 261 1022 Fax

**Chain of Custody Record**

206330

**TestAmerica**  
 THE LEADER IN ENVIRONMENTAL TESTING  
 TestAmerica Laboratories, Inc.  
 296241 TAL-8210 (0713)

Company Name: <i>Archer</i> Address: <i>Wilson Key 98</i> City/State/Zip: <i>Bonny, CA 93516</i> Phone: _____ Fax: _____ Project Name: <i>Archer-Danner Venetian</i> Site: _____ P.O.#: _____			Client Contact Name: _____ Title: _____ Phone: _____ Fax: _____			Regulatory Program <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other Project Manager: <i>Mark Lopez</i> Tell/Fax: _____ Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day			Site Contact: Lab Contact: _____ Perform MS/MSD (Y/N) <i>Both MS/MSD for Insum</i> Filtered Sample (Y/N) _____ Date: <i>10-18-21</i> Carrier: _____			COC No: _____ of _____ COCs Sampler: _____ For Lab Use Only Walk-in Client: _____ Lab Sampling: _____ Job / SDG No: _____		
Sample Identification <i>Segs III Center Section - 10-17-21</i>			Sample Date: <i>10-17-21 1045</i>			Sample Type (C=Comp, G=Grab): <i>6 Soil (RMX)</i>			Matrix: _____			# of Cont.: _____		
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other Possible Hazard Identification Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown														
Special Instructions/QC Requirements & Comments Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months														
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Relinquished by: <i>Ph. White</i> Relinquished by: _____ Relinquished by: _____			Custody Seal No Company: <i>Archer</i> Company: _____ Company: _____			Cooler Temp (°C): Obs'd: <i>1.3</i> Cor'd: <i>1.2</i> Therm ID No: <i>90</i>			Date/Time: _____ Date/Time: _____ Date/Time: <i>10/18/21 1643</i>					



*10/18/21*

*[Signature]*



# Chain of Custody Record



<b>Client Information (Sub Contract Lab)</b>		Sampler	Lab PM: Fama, Sheri M	Carrier Tracking No(s):	COC No: 440-174533 1
Client Contact: Shipping/Receiving		Phone:	E-Mail: Sheri.Fama@Eurofinset.com	State of Origin: California	Page: Page 1 of 1
Company: Eurofins Calscience LLC		Accreditations Required (See note): State - California, State Program - California			
Address: 7440 Lincoln Way,		Job #: 440-290241-1			
City: Garden Grove		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2SO3 G - Archlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDTA Z - other (specify) Other:			
Due Date Requested: 10/29/2021		Analysis Requested			
TAT Requested (days):		Total Number of containers			
FO #:		Field Filtered Sample (Yes or No)			
WO #:		Perform MS/MSD (Yes or No)			
Project #: 44005151		8015B_PRO/350C (MOD) Thermo			
Site: FPL Kramer Junction		Preservation Code			
Sample Date		Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Swab, On-water, Soil)	Special Instructions/Note
10/17/21		10.45 Pacific		Solid	Therminol
Sag III Center Section-10-17-21 (440-290241-1)					
Note: Since laboratory accreditations are subject to change, Eurofins Calscience 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 listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.					
<b>Possible Hazard Identification</b> Unconfirmed Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 Special Instructions/QC Requirements					
Every Kit Relinquished by: _____ Method of Shipment: _____					
Relinquished by: _____ Date/Time: 10/18/21 18:25 Received by: _____ Date/Time: 10/18/21 18:25 Company: ECI					
Relinquished by: _____ Date/Time: 10/18/21 19:15 Received by: Danningh Date/Time: 10/18/21 19:15 Company: ECI					
Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____ Company: _____					
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Cooler Temperature(s) °C and Other Remarks: 2.4/3.3 SCF					



## Login Sample Receipt Checklist

Client: FPL Energy Solar Partners III-VII, LLC

Job Number: 440-290241-1

**Login Number: 290241**

**List Source: Eurofins Calscience Irvine**

**List Number: 1**

**Creator: Escalante, Maria I**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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?	False	Refer to Job Narrative for details.
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

## Login Sample Receipt Checklist

Client: FPL Energy Solar Partners III-VII, LLC

Job Number: 440-290241-1

**Login Number: 290241**

**List Number: 2**

**Creator: Le, Danny**

**List Source: Eurofins Calscience LLC**

**List Creation: 10/18/21 09:48 PM**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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	3.3
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?	False	Received project as a subcontract.
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



## ANALYTICAL REPORT

Eurofins Calscience Irvine  
2841 Dow Avenue  
Tustin, CA 92780  
Tel: (949)261-1022

Laboratory Job ID: 440-292395-1  
Client Project/Site: Nextera Kramer Junction

For:  
FPL Energy Solar Partners III-VII, LLC  
43880 Harper Lake Rd  
Hinkley, California 92347

Attn: Maria Lopez



Authorized for release by:  
12/20/2021 4:15:04 PM

Sheri Fama, Project Manager I  
(949)261-1022  
[Sheri.Fama@Eurofinset.com](mailto:Sheri.Fama@Eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

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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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# Sample Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera Kramer Junction

Job ID: 440-292395-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-292395-1	MW-1-12-4-21	Water	12/04/21 10:40	12/06/21 09:46
440-292395-2	MW-2-12-4-21	Water	12/04/21 12:40	12/06/21 09:46
440-292395-3	MW-3-12-4-21	Water	12/04/21 15:00	12/06/21 09:46
440-292395-4	MW-4-12-4-21	Water	12/04/21 15:50	12/06/21 09:46
440-292395-5	DUP-12-4-21	Water	12/04/21 00:01	12/06/21 09:46
440-292395-6	LF@6'-12-4-21	Solid	12/04/21 09:10	12/06/21 09:46

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# Case Narrative

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera Kramer Junction

Job ID: 440-292395-1

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## Job ID: 440-292395-1

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### Laboratory: Eurofins Calscience Irvine

#### Narrative

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#### Job Narrative 440-292395-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 12/6/2021 9:46 AM. 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 was 1.7° C.

#### Receipt Exceptions

The following samples were received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time for Phosphate by 300: MW-1-12-4-21 (440-292395-1) and DUP-12-4-21 (440-292395-5).

The Field Sampler was not listed on the Chain of Custody.

#### HPLC/IC

Method 300.0: The following samples were received outside of holding time: MW-1-12-4-21 (440-292395-1) and DUP-12-4-21 (440-292395-5).

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

#### GC Semi VOA

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

#### Metals

Method 3005A: The following samples for metals were received unpreserved and were preserved upon receipt to the laboratory: MW-1-12-4-21 (440-292395-1), MW-2-12-4-21 (440-292395-2), MW-3-12-4-21 (440-292395-3), MW-4-12-4-21 (440-292395-4) and DUP-12-4-21 (440-292395-5). Regulatory documents require a 24-hour waiting period from the time of the addition of the acid preservative to the time of digestion.

2.0 mL of 1:1 HNO<sub>3</sub> was added on 12/13/21 @ 10:50 hours  
1:1 HNO<sub>3</sub> Reagent # 6786894

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

#### General Chemistry

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

#### Organic Prep

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

# Client Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera Kramer Junction

Job ID: 440-292395-1

**Client Sample ID: MW-1-12-4-21**

**Lab Sample ID: 440-292395-1**

Date Collected: 12/04/21 10:40

Matrix: Water

Date Received: 12/06/21 09:46

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		100	ug/L		12/09/21 16:53	12/16/21 17:36	1
1,1'-Biphenyl	ND		100	ug/L		12/09/21 16:53	12/16/21 17:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	54		53 - 151			12/09/21 16:53	12/16/21 17:36	1

**Method: 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as PO4	ND	H H3	0.50	mg/L			12/06/21 13:30	1

**Method: 300.0 - Anions, Ion Chromatography - DL**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	300		25	mg/L			12/06/21 15:12	50
Sulfate	340		25	mg/L			12/06/21 15:12	50

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	12		1.0	mg/L		12/14/21 10:54	12/15/21 12:25	1
Sodium	370		1.0	mg/L		12/14/21 10:54	12/15/21 12:25	1

**General Chemistry**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1200		20	mg/L			12/08/21 10:40	1

**Client Sample ID: MW-2-12-4-21**

**Lab Sample ID: 440-292395-2**

Date Collected: 12/04/21 12:40

Matrix: Water

Date Received: 12/06/21 09:46

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		99	ug/L		12/09/21 16:53	12/16/21 18:04	1
1,1'-Biphenyl	ND		99	ug/L		12/09/21 16:53	12/16/21 18:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	65		53 - 151			12/09/21 16:53	12/16/21 18:04	1

**Method: 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	290		25	mg/L			12/06/21 15:30	50
Orthophosphate as PO4	ND		0.50	mg/L			12/06/21 12:19	1
Sulfate	240		25	mg/L			12/06/21 15:30	50

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	5.9		1.0	mg/L		12/14/21 10:54	12/15/21 12:28	1
Sodium	340		1.0	mg/L		12/14/21 10:54	12/15/21 12:28	1

**General Chemistry**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1100		20	mg/L			12/08/21 10:40	1

# Client Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera Kramer Junction

Job ID: 440-292395-1

**Client Sample ID: MW-3-12-4-21**

**Lab Sample ID: 440-292395-3**

Date Collected: 12/04/21 15:00

Matrix: Water

Date Received: 12/06/21 09:46

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		97	ug/L		12/09/21 16:53	12/16/21 18:30	1
1,1'-Biphenyl	ND		97	ug/L		12/09/21 16:53	12/16/21 18:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	70		53 - 151			12/09/21 16:53	12/16/21 18:30	1

## Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Chloride</b>	<b>220</b>		25	mg/L			12/06/21 15:47	50
Orthophosphate as PO4	ND		0.50	mg/L			12/06/21 12:55	1
<b>Sulfate</b>	<b>220</b>		25	mg/L			12/06/21 15:47	50

## Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Potassium</b>	<b>5.8</b>		1.0	mg/L		12/14/21 10:54	12/15/21 12:30	1
<b>Sodium</b>	<b>280</b>		1.0	mg/L		12/14/21 10:54	12/15/21 12:30	1

## General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Total Dissolved Solids</b>	<b>940</b>		10	mg/L			12/08/21 10:40	1

**Client Sample ID: MW-4-12-4-21**

**Lab Sample ID: 440-292395-4**

Date Collected: 12/04/21 15:50

Matrix: Water

Date Received: 12/06/21 09:46

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		98	ug/L		12/09/21 16:53	12/16/21 18:57	1
1,1'-Biphenyl	ND		98	ug/L		12/09/21 16:53	12/16/21 18:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	73		53 - 151			12/09/21 16:53	12/16/21 18:57	1

## Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Chloride</b>	<b>200</b>		25	mg/L			12/06/21 16:05	50
Orthophosphate as PO4	ND		0.50	mg/L			12/06/21 13:12	1
<b>Sulfate</b>	<b>200</b>		25	mg/L			12/06/21 16:05	50

## Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Potassium</b>	<b>5.6</b>		1.0	mg/L		12/14/21 10:54	12/15/21 12:32	1
<b>Sodium</b>	<b>250</b>		1.0	mg/L		12/14/21 10:54	12/15/21 12:32	1

## General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Total Dissolved Solids</b>	<b>810</b>		10	mg/L			12/08/21 10:40	1

# Client Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera Kramer Junction

Job ID: 440-292395-1

**Client Sample ID: DUP-12-4-21**

**Lab Sample ID: 440-292395-5**

Date Collected: 12/04/21 00:01

Matrix: Water

Date Received: 12/06/21 09:46

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		99	ug/L		12/09/21 16:53	12/16/21 19:24	1
1,1'-Biphenyl	ND		99	ug/L		12/09/21 16:53	12/16/21 19:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	68		53 - 151			12/09/21 16:53	12/16/21 19:24	1

**Method: 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Chloride</b>	<b>300</b>		25	mg/L			12/06/21 16:23	50
Orthophosphate as PO4	ND	H H3	0.50	mg/L			12/06/21 12:37	1
<b>Sulfate</b>	<b>340</b>		25	mg/L			12/06/21 16:23	50

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Potassium</b>	<b>12</b>		1.0	mg/L		12/14/21 10:54	12/15/21 12:35	1
<b>Sodium</b>	<b>360</b>		1.0	mg/L		12/14/21 10:54	12/15/21 12:35	1

**General Chemistry**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Total Dissolved Solids</b>	<b>1200</b>		20	mg/L			12/08/21 10:40	1

**Client Sample ID: LF@6'-12-4-21**

**Lab Sample ID: 440-292395-6**

Date Collected: 12/04/21 09:10

Matrix: Solid

Date Received: 12/06/21 09:46

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		4.8	mg/Kg		12/16/21 13:54	12/16/21 22:32	1
1,1'-Biphenyl	ND		4.8	mg/Kg		12/16/21 13:54	12/16/21 22:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>n</i> -Octacosane (Surr)	63		60 - 138			12/16/21 13:54	12/16/21 22:32	1

# Method Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera Kramer Junction

Job ID: 440-292395-1

Method	Method Description	Protocol	Laboratory
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
300.0	Anions, Ion Chromatography	MCAWW	IRV 1
6010B	Metals (ICP)	SW846	IRV 1
SM 2540C	Solids, Total Dissolved (TDS)	SM	IRV 1
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	IRV 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1

#### Protocol References:

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

#### Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494  
IRV 1 = Eurofins Calscience Irvine Irvine, 17461 Derian Ave, Irvine, CA 92614, TEL (949)261-1022



# Lab Chronicle

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera Kramer Junction

Job ID: 440-292395-1

## Client Sample ID: MW-1-12-4-21

## Lab Sample ID: 440-292395-1

Date Collected: 12/04/21 10:40

Matrix: Water

Date Received: 12/06/21 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			249.2 mL	2.5 mL	199934	12/09/21 16:53	UFLU	ECL 1
Total/NA	Analysis	8015B		1			201522	12/16/21 17:36	N5Y3	ECL 1
Total/NA	Analysis	300.0		1	5 mL	1.0 mL	662287	12/06/21 13:30	PS	IRV 1
Total/NA	Analysis	300.0		1	5 mL	1.0 mL	662288	12/06/21 13:30	PS	IRV 1
Total/NA	Analysis	300.0	DL	50	5 mL	1.0 mL	662288	12/06/21 15:12	PS	IRV 1
Total Recoverable	Prep	3005A			25 mL	25 mL	662889	12/14/21 10:54	LZY7	IRV 1
Total Recoverable	Analysis	6010B		1			663001	12/15/21 12:25	VZ0K	IRV 1
Total/NA	Analysis	SM 2540C		1	50 mL	100 mL	662384	12/08/21 10:40	VY3D	IRV 1

## Client Sample ID: MW-2-12-4-21

## Lab Sample ID: 440-292395-2

Date Collected: 12/04/21 12:40

Matrix: Water

Date Received: 12/06/21 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			252.2 mL	2.5 mL	199934	12/09/21 16:53	UFLU	ECL 1
Total/NA	Analysis	8015B		1			201522	12/16/21 18:04	N5Y3	ECL 1
Total/NA	Analysis	300.0		1	5 mL	1.0 mL	662287	12/06/21 12:19	PS	IRV 1
Total/NA	Analysis	300.0		50	5 mL	1.0 mL	662288	12/06/21 15:30	PS	IRV 1
Total Recoverable	Prep	3005A			25 mL	25 mL	662889	12/14/21 10:54	LZY7	IRV 1
Total Recoverable	Analysis	6010B		1			663001	12/15/21 12:28	VZ0K	IRV 1
Total/NA	Analysis	SM 2540C		1	50 mL	100 mL	662384	12/08/21 10:40	VY3D	IRV 1

## Client Sample ID: MW-3-12-4-21

## Lab Sample ID: 440-292395-3

Date Collected: 12/04/21 15:00

Matrix: Water

Date Received: 12/06/21 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			257.6 mL	2.5 mL	199934	12/09/21 16:53	UFLU	ECL 1
Total/NA	Analysis	8015B		1			201522	12/16/21 18:30	N5Y3	ECL 1
Total/NA	Analysis	300.0		1	5 mL	1.0 mL	662287	12/06/21 12:55	PS	IRV 1
Total/NA	Analysis	300.0		50	5 mL	1.0 mL	662288	12/06/21 15:47	PS	IRV 1
Total Recoverable	Prep	3005A			25 mL	25 mL	662889	12/14/21 10:54	LZY7	IRV 1
Total Recoverable	Analysis	6010B		1			663001	12/15/21 12:30	VZ0K	IRV 1
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	662384	12/08/21 10:40	VY3D	IRV 1

## Client Sample ID: MW-4-12-4-21

## Lab Sample ID: 440-292395-4

Date Collected: 12/04/21 15:50

Matrix: Water

Date Received: 12/06/21 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			254.8 mL	2.5 mL	199934	12/09/21 16:53	UFLU	ECL 1
Total/NA	Analysis	8015B		1			201522	12/16/21 18:57	N5Y3	ECL 1
Total/NA	Analysis	300.0		1	5 mL	1.0 mL	662287	12/06/21 13:12	PS	IRV 1
Total/NA	Analysis	300.0		50	5 mL	1.0 mL	662288	12/06/21 16:05	PS	IRV 1

Eurofins Calscience Irvine

# Lab Chronicle

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera Kramer Junction

Job ID: 440-292395-1

**Client Sample ID: MW-4-12-4-21**

**Lab Sample ID: 440-292395-4**

**Date Collected: 12/04/21 15:50**

**Matrix: Water**

**Date Received: 12/06/21 09:46**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	662889	12/14/21 10:54	LZY7	IRV 1
Total Recoverable	Analysis	6010B		1			663001	12/15/21 12:32	VZ0K	IRV 1
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	662384	12/08/21 10:40	VY3D	IRV 1

**Client Sample ID: DUP-12-4-21**

**Lab Sample ID: 440-292395-5**

**Date Collected: 12/04/21 00:01**

**Matrix: Water**

**Date Received: 12/06/21 09:46**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			253.6 mL	2.5 mL	199934	12/09/21 16:53	UFLU	ECL 1
Total/NA	Analysis	8015B		1			201522	12/16/21 19:24	N5Y3	ECL 1
Total/NA	Analysis	300.0		1	5 mL	1.0 mL	662287	12/06/21 12:37	PS	IRV 1
Total/NA	Analysis	300.0		50	5 mL	1.0 mL	662288	12/06/21 16:23	PS	IRV 1
Total Recoverable	Prep	3005A			25 mL	25 mL	662889	12/14/21 10:54	LZY7	IRV 1
Total Recoverable	Analysis	6010B		1			663001	12/15/21 12:35	VZ0K	IRV 1
Total/NA	Analysis	SM 2540C		1	50 mL	100 mL	662384	12/08/21 10:40	VY3D	IRV 1

**Client Sample ID: LF@6'-12-4-21**

**Lab Sample ID: 440-292395-6**

**Date Collected: 12/04/21 09:10**

**Matrix: Solid**

**Date Received: 12/06/21 09:46**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.32 g	10 mL	201605	12/16/21 13:54	KG5J	ECL 1
Total/NA	Analysis	8015B		1			201522	12/16/21 22:32	N5Y3	ECL 1

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

IRV 1 = Eurofins Calscience Irvine Irvine, 17461 Derian Ave, Irvine, CA 92614, TEL (949)261-1022

# QC Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera Kramer Junction

Job ID: 440-292395-1

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

**Lab Sample ID: MB 570-199934/1-A**  
**Matrix: Water**  
**Analysis Batch: 201522**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 199934**

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene, 1,1'-oxybis-	ND		100	ug/L		12/09/21 16:53	12/16/21 10:34	1
1,1'-Biphenyl	ND		100	ug/L		12/09/21 16:53	12/16/21 10:34	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	71		53 - 151			12/09/21 16:53	12/16/21 10:34	1

**Lab Sample ID: LCS 570-199934/2-A**  
**Matrix: Water**  
**Analysis Batch: 201522**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 199934**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Benzene, 1,1'-oxybis-	1000	751		ug/L		75	57 - 120
1,1'-Biphenyl	1000	787		ug/L		79	45 - 120
Surrogate	LCS	LCS	Limits				
n-Octacosane (Surr)	75		53 - 151				

**Lab Sample ID: LCSD 570-199934/3-A**  
**Matrix: Water**  
**Analysis Batch: 201522**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 199934**

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	Limits	RPD	RPD
		Result	Qualifier					Limit	
Benzene, 1,1'-oxybis-	1000	765		ug/L		77	57 - 120	2	20
1,1'-Biphenyl	1000	803		ug/L		80	45 - 120	2	20
Surrogate	LCSD	LCSD	Limits						
n-Octacosane (Surr)	77		53 - 151						

**Lab Sample ID: MB 570-201605/1-A**  
**Matrix: Solid**  
**Analysis Batch: 201522**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 201605**

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene, 1,1'-oxybis-	ND		5.0	mg/Kg		12/16/21 13:54	12/16/21 20:18	1
1,1'-Biphenyl	ND		5.0	mg/Kg		12/16/21 13:54	12/16/21 20:18	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	62		60 - 138			12/16/21 13:54	12/16/21 20:18	1

**Lab Sample ID: LCS 570-201605/2-A**  
**Matrix: Solid**  
**Analysis Batch: 201522**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 201605**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Benzene, 1,1'-oxybis-	100	84.6		mg/Kg		85	68 - 120
1,1'-Biphenyl	100	88.9		mg/Kg		89	57 - 120

# QC Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera Kramer Junction

Job ID: 440-292395-1

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

**Lab Sample ID: LCS 570-201605/2-A**  
**Matrix: Solid**  
**Analysis Batch: 201522**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 201605**

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
<i>n</i> -Octacosane (Surr)	69		60 - 138

**Lab Sample ID: LCSD 570-201605/3-A**  
**Matrix: Solid**  
**Analysis Batch: 201522**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 201605**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Benzene, 1,1'-oxybis-1,1'-Biphenyl	100	84.3		mg/Kg		84	68 - 120	0	20	
	100	88.5		mg/Kg		89	57 - 120	0	20	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
<i>n</i> -Octacosane (Surr)	68		60 - 138

**Lab Sample ID: 440-292395-6 MS**  
**Matrix: Solid**  
**Analysis Batch: 201522**

**Client Sample ID: LF@6'-12-4-21**  
**Prep Type: Total/NA**  
**Prep Batch: 201605**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
									Limits	RPD		
Benzene, 1,1'-oxybis-1,1'-Biphenyl	ND		102	85.0		mg/Kg		84	68 - 120			
	ND		102	89.3		mg/Kg		88	57 - 120			

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
<i>n</i> -Octacosane (Surr)	70		60 - 138

**Lab Sample ID: 440-292395-6 MSD**  
**Matrix: Solid**  
**Analysis Batch: 201522**

**Client Sample ID: LF@6'-12-4-21**  
**Prep Type: Total/NA**  
**Prep Batch: 201605**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
									Limits	RPD		
Benzene, 1,1'-oxybis-1,1'-Biphenyl	ND		98.5	81.1		mg/Kg		82	68 - 120	5	20	
	ND		98.5	85.2		mg/Kg		86	57 - 120	5	20	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>n</i> -Octacosane (Surr)	68		60 - 138

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 440-662287/6**  
**Matrix: Water**  
**Analysis Batch: 662287**

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

# QC Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera Kramer Junction

Job ID: 440-292395-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: LCS 440-662287/5**  
**Matrix: Water**  
**Analysis Batch: 662287**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Orthophosphate as PO4	5.00	4.98		mg/L		100	90 - 110

**Lab Sample ID: 440-292395-1 MS**  
**Matrix: Water**  
**Analysis Batch: 662287**

**Client Sample ID: MW-1-12-4-21**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Orthophosphate as PO4	ND	H H3	5.00	5.31		mg/L		106	80 - 120

**Lab Sample ID: 440-292395-1 MSD**  
**Matrix: Water**  
**Analysis Batch: 662287**

**Client Sample ID: MW-1-12-4-21**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Orthophosphate as PO4	ND	H H3	5.00	5.69		mg/L		114	80 - 120	7	20

**Lab Sample ID: MB 440-662288/6**  
**Matrix: Water**  
**Analysis Batch: 662288**

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			12/06/21 11:57	1
Sulfate	ND		0.50	mg/L			12/06/21 11:57	1

**Lab Sample ID: LCS 440-662288/5**  
**Matrix: Water**  
**Analysis Batch: 662288**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	5.00	4.81		mg/L		96	90 - 110
Sulfate	5.00	5.01		mg/L		100	90 - 110

**Lab Sample ID: 440-292395-1 MS**  
**Matrix: Water**  
**Analysis Batch: 662288**

**Client Sample ID: MW-1-12-4-21**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	420	E	5.00	429	E 4	mg/L		77	80 - 120
Sulfate	460	E	5.00	463	E 4	mg/L		81	80 - 120

**Lab Sample ID: 440-292395-1 MSD**  
**Matrix: Water**  
**Analysis Batch: 662288**

**Client Sample ID: MW-1-12-4-21**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chloride	420	E	5.00	429	E 4	mg/L		83	80 - 120	0	20
Sulfate	460	E	5.00	464	E 4	mg/L		90	80 - 120	0	20

# QC Sample Results

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera Kramer Junction

Job ID: 440-292395-1

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 440-662889/1-A**  
**Matrix: Water**  
**Analysis Batch: 662923**

**Client Sample ID: Method Blank**  
**Prep Type: Total Recoverable**  
**Prep Batch: 662889**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	ND		1.0	mg/L		12/14/21 10:54	12/14/21 15:49	1
Sodium	ND		1.0	mg/L		12/14/21 10:54	12/14/21 15:49	1

**Lab Sample ID: LCS 440-662889/2-A**  
**Matrix: Water**  
**Analysis Batch: 662923**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total Recoverable**  
**Prep Batch: 662889**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Potassium	10.0	10.4		mg/L		104	80 - 120
Sodium	10.0	10.7		mg/L		107	80 - 120

**Lab Sample ID: 440-292819-O-1-B MS**  
**Matrix: Water**  
**Analysis Batch: 662923**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total Recoverable**  
**Prep Batch: 662889**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Potassium	1.8		10.0	12.0		mg/L		103	75 - 125
Sodium	210		10.0	217	4	mg/L		112	75 - 125

**Lab Sample ID: 440-292819-O-1-C MSD**  
**Matrix: Water**  
**Analysis Batch: 662923**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total Recoverable**  
**Prep Batch: 662889**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Potassium	1.8		10.0	12.3		mg/L		105	75 - 125	2	20
Sodium	210		10.0	218	4	mg/L		127	75 - 125	1	20

## Method: SM 2540C - Solids, Total Dissolved (TDS)

**Lab Sample ID: MB 440-662384/1**  
**Matrix: Water**  
**Analysis Batch: 662384**

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10	mg/L			12/08/21 09:10	1

**Lab Sample ID: LCS 440-662384/2**  
**Matrix: Water**  
**Analysis Batch: 662384**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	1000	976		mg/L		98	90 - 110

**Lab Sample ID: 440-292395-1 DU**  
**Matrix: Water**  
**Analysis Batch: 662384**

**Client Sample ID: MW-1-12-4-21**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	1200		1240		mg/L		3	5

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# QC Association Summary

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera Kramer Junction

Job ID: 440-292395-1

## GC Semi VOA

### Prep Batch: 199934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-292395-1	MW-1-12-4-21	Total/NA	Water	3510C	
440-292395-2	MW-2-12-4-21	Total/NA	Water	3510C	
440-292395-3	MW-3-12-4-21	Total/NA	Water	3510C	
440-292395-4	MW-4-12-4-21	Total/NA	Water	3510C	
440-292395-5	DUP-12-4-21	Total/NA	Water	3510C	
MB 570-199934/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-199934/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-199934/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

### Analysis Batch: 201522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-292395-1	MW-1-12-4-21	Total/NA	Water	8015B	199934
440-292395-2	MW-2-12-4-21	Total/NA	Water	8015B	199934
440-292395-3	MW-3-12-4-21	Total/NA	Water	8015B	199934
440-292395-4	MW-4-12-4-21	Total/NA	Water	8015B	199934
440-292395-5	DUP-12-4-21	Total/NA	Water	8015B	199934
440-292395-6	LF@6'-12-4-21	Total/NA	Solid	8015B	201605
MB 570-199934/1-A	Method Blank	Total/NA	Water	8015B	199934
MB 570-201605/1-A	Method Blank	Total/NA	Solid	8015B	201605
LCS 570-199934/2-A	Lab Control Sample	Total/NA	Water	8015B	199934
LCS 570-201605/2-A	Lab Control Sample	Total/NA	Solid	8015B	201605
LCSD 570-199934/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	199934
LCSD 570-201605/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	201605
440-292395-6 MS	LF@6'-12-4-21	Total/NA	Solid	8015B	201605
440-292395-6 MSD	LF@6'-12-4-21	Total/NA	Solid	8015B	201605

### Prep Batch: 201605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-292395-6	LF@6'-12-4-21	Total/NA	Solid	3550C	
MB 570-201605/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-201605/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-201605/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
440-292395-6 MS	LF@6'-12-4-21	Total/NA	Solid	3550C	
440-292395-6 MSD	LF@6'-12-4-21	Total/NA	Solid	3550C	

## HPLC/IC

### Analysis Batch: 662287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-292395-1	MW-1-12-4-21	Total/NA	Water	300.0	
440-292395-2	MW-2-12-4-21	Total/NA	Water	300.0	
440-292395-3	MW-3-12-4-21	Total/NA	Water	300.0	
440-292395-4	MW-4-12-4-21	Total/NA	Water	300.0	
440-292395-5	DUP-12-4-21	Total/NA	Water	300.0	
MB 440-662287/6	Method Blank	Total/NA	Water	300.0	
LCS 440-662287/5	Lab Control Sample	Total/NA	Water	300.0	
440-292395-1 MS	MW-1-12-4-21	Total/NA	Water	300.0	
440-292395-1 MSD	MW-1-12-4-21	Total/NA	Water	300.0	



# QC Association Summary

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera Kramer Junction

Job ID: 440-292395-1

## HPLC/IC

### Analysis Batch: 662288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-292395-1	MW-1-12-4-21	Total/NA	Water	300.0	
440-292395-1 - DL	MW-1-12-4-21	Total/NA	Water	300.0	
440-292395-2	MW-2-12-4-21	Total/NA	Water	300.0	
440-292395-3	MW-3-12-4-21	Total/NA	Water	300.0	
440-292395-4	MW-4-12-4-21	Total/NA	Water	300.0	
440-292395-5	DUP-12-4-21	Total/NA	Water	300.0	
MB 440-662288/6	Method Blank	Total/NA	Water	300.0	
LCS 440-662288/5	Lab Control Sample	Total/NA	Water	300.0	
440-292395-1 MS	MW-1-12-4-21	Total/NA	Water	300.0	
440-292395-1 MSD	MW-1-12-4-21	Total/NA	Water	300.0	

## Metals

### Prep Batch: 662889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-292395-1	MW-1-12-4-21	Total Recoverable	Water	3005A	
440-292395-2	MW-2-12-4-21	Total Recoverable	Water	3005A	
440-292395-3	MW-3-12-4-21	Total Recoverable	Water	3005A	
440-292395-4	MW-4-12-4-21	Total Recoverable	Water	3005A	
440-292395-5	DUP-12-4-21	Total Recoverable	Water	3005A	
MB 440-662889/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 440-662889/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
440-292819-O-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
440-292819-O-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

### Analysis Batch: 662923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 440-662889/1-A	Method Blank	Total Recoverable	Water	6010B	662889
LCS 440-662889/2-A	Lab Control Sample	Total Recoverable	Water	6010B	662889
440-292819-O-1-B MS	Matrix Spike	Total Recoverable	Water	6010B	662889
440-292819-O-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6010B	662889

### Analysis Batch: 663001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-292395-1	MW-1-12-4-21	Total Recoverable	Water	6010B	662889
440-292395-2	MW-2-12-4-21	Total Recoverable	Water	6010B	662889
440-292395-3	MW-3-12-4-21	Total Recoverable	Water	6010B	662889
440-292395-4	MW-4-12-4-21	Total Recoverable	Water	6010B	662889
440-292395-5	DUP-12-4-21	Total Recoverable	Water	6010B	662889

## General Chemistry

### Analysis Batch: 662384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-292395-1	MW-1-12-4-21	Total/NA	Water	SM 2540C	
440-292395-2	MW-2-12-4-21	Total/NA	Water	SM 2540C	
440-292395-3	MW-3-12-4-21	Total/NA	Water	SM 2540C	
440-292395-4	MW-4-12-4-21	Total/NA	Water	SM 2540C	
440-292395-5	DUP-12-4-21	Total/NA	Water	SM 2540C	
MB 440-662384/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 440-662384/2	Lab Control Sample	Total/NA	Water	SM 2540C	
440-292395-1 DU	MW-1-12-4-21	Total/NA	Water	SM 2540C	

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# Definitions/Glossary

Client: FPL Energy Solar Partners III-VII, LLC  
 Project/Site: Nextera Kramer Junction

Job ID: 440-292395-1

## Qualifiers

### HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
H	Sample was prepped or analyzed beyond the specified holding time
H3	Sample was received and analyzed past holding time.

### Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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
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
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Accreditation/Certification Summary

Client: FPL Energy Solar Partners III-VII, LLC  
Project/Site: Nextera Kramer Junction

Job ID: 440-292395-1

## Laboratory: Eurofins Calscience Irvine

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

Authority	Program	Identification Number	Expiration Date
California	State	2706	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0		Water	Orthophosphate as PO4
6010B	3005A	Water	Potassium
6010B	3005A	Water	Sodium

## Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22

Regulatory Program  DW  NPDES  RCRA  Other

Project Manager: **Maria Lopez**

Client Contact: **Nextera - Spencer Junchkin**  
 Address: **4400 Hwy 395**  
 City/State/Zip: **Bozoy, CA 93516**  
 Phone: **949 261 1022**  
 Fax: **949 261 1022**

Company Name: **Nextera - Spencer Junchkin**  
 Address: **4400 Hwy 395**  
 City/State/Zip: **Bozoy, CA 93516**  
 Phone: **949 261 1022**  
 Fax: **949 261 1022**

Project Name: **Nextera - Kramer Junchkin**  
 Site: **Nextera - Kramer Junchkin**  
 PO #

Site Contact: **Lab Contact:**  
 Perform MS / MSD (Y / N)  
 Filtered Sample (Y / N)  
 Sample Date: **12-4-21**  
 Sample Time: **1040**  
 Sample Type (C-Comp, G-Grab): **6**  
 Matrix: **60**  
 # of Cont.: **3**

Analysis Turnaround Time  
 CALENDAR DAYS  WORKING DAYS  
 TAT if different from Below  
 2 weeks  
 1 week  
 2 days  
 1 day

Sample Identification	Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Lab Contact	Carrier	Date	COC No	of	COCs
MW-1-12-4-21	12-4-21	1040	6	60	3	W	M	Chloride 300	Bois Mod for therm		1	1	
MW-2 "		1240			3			Sulfate 300					
MW-3 "		1500			3			Sulfate 300					
MW-4 "		1550			3			Sulfate 300					
Dup - "					3			Sulfate 300					
LFeb' "		0910		Sol	1								

Sample Specific Notes:

Barcode: 440-292395 Chain of Custody

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other

Possible Hazard Identification  
 Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown

Special Instructions/QC Requirements & Comments

Cooler Temp (°C) Obs'd: **17** Cor'd: **17** Therm ID No.: **89**

Company: **Northstar**  
 Date/Time: **12/6/21 0725**

Company: **EC IRV**  
 Date/Time: **12/6/21 0946**

# Chain of Custody Record



Environment Testing  
 America



<b>Client Information (Sub Contract Lab)</b>		Lab PM: Fama, Sheri M		Carrier Tracking No(s): 440-176362 1					
Client Contact: Shipping/Receiving		Phone: Sheri Fama@Eurofinset.com		Page: Page 1 of 1					
Company: Eurofins Calscience LLC		Accreditations Required (See note): State - California, State Program - California		Job #: 440-292395-1					
Address: 7440 Lincoln Way		Due Date Requested: 12/17/2021		Preservation Codes					
City: Garden Grove		TAT Requested (days):		A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AshNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2SO3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other:					
PO #: 714-895-5494(Tel) 714-894-7601(Fax)		Project #: 44005151		Total Number of Containers					
Email:		SSOW#: FPL Kramer Junction		Special Instructions/Note.					
Project Name: Nextera Kramer Junction		Site: FPL Kramer Junction							
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=C=comp, G=grab)	Matrix (W=water, S=solid, O=organic, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015B_DRO/3510C_LVI ThermoInol	8015B_DRO/350C (MOD) ThermoInol	Analysis Requested
MW-1-12-4-21 (440-292395-1)	12/4/21	10 40 Pacific	Water	Water	X	X			
MW-2-12-4-21 (440-292395-2)	12/4/21	12 40 Pacific	Water	Water	X	X			
MW-3-12-4-21 (440-292395-3)	12/4/21	15 00 Pacific	Water	Water	X	X			
MW-4-12-4-21 (440-292395-4)	12/4/21	15 50 Pacific	Water	Water	X	X			
DUP-12-4-21 (440-292395-5)	12/4/21	00 01 Pacific	Water	Water	X	X			
LF @ 6'-12-4-21 (440-292395-6)	12/4/21	09 10 Pacific	Solid	Solid		X			
<p>Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte &amp; 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 listed above for analysis/test/matrix being analyzed. The samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.</p>									
<b>Possible Hazard Identification</b>									
Unconfirmed									
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2									
Special Instructions/OC Requirements.									
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months									
Method of Shipment:									
Empty Kit Relinquished by:									
Relinquished by: [Signature] Date: 12/6/21 1655 Company: BCRV									
Relinquished by: [Signature] Date: 12/6/21 1805 Company: BCRV									
Relinquished by: [Signature] Date: _____ Company: _____									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A									
Custody Seal No: _____ Cooler Temperature(s) °C and Other Remarks: 2.4/3.3 805									



## Login Sample Receipt Checklist

Client: FPL Energy Solar Partners III-VII, LLC

Job Number: 440-292395-1

**Login Number: 292395**

**List Source: Eurofins Calscience Irvine**

**List Number: 1**

**Creator: Skinner, Alma D**

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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?	False	Refer to Job Narrative for details.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	False	Refer to Job Narrative for details.
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

# Login Sample Receipt Checklist

Client: FPL Energy Solar Partners III-VII, LLC

Job Number: 440-292395-1

**Login Number: 292395**

**List Number: 2**

**Creator: Ortiz-Luis, Michael**

**List Source: Eurofins Calscience LLC**

**List Creation: 12/07/21 11:16 AM**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	3.5, 3.3
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?	False	Received project as a subcontract.
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

