DOCKETED	
Docket Number:	08-AFC-03C
Project Title:	Marsh Landing Generating Station Compliance
TN #:	262483
Document Title:	Marsh Landing 2024 CEC Compliance Annual Report Part 3 of 5
Description:	Annual Compliance Operations Report
Filer:	David Frandsen
Organization:	NRG
Submitter Role:	Applicant
Submission Date:	3/27/2025 2:40:10 PM
Docketed Date:	3/27/2025

Industrial User Report Checklist And Certification Statement Form

Attn: Environmental Compliance Specialist	**Jason Yun**		
Environmental Specialist Phone	(925) 756-1913	Fax	(925) 756-1961
Industrial User Facility Name	**Marsh Landing LLC**		
Duly Authorized Representative Name	**Joe Moura**		
Duly Authorized Representative Phone	**925-779-6685**		

This Industrial User Report Checklist and Certification Statement Form shall be submitted with all Self-Monitoring Reports (SMRs), as specified by the Wastewater Discharge Permit issued by Delta Diablo, hereinafter referred to as the District. When submitting Self-Monitoring Reports, check all that are applicable.

RECEIVED BY DELTA DIABLO
OCT 10 2024

Self-Monitoring Reports (SMRs) (Required)

☒ Flow Discharge Summary (Review Discharge Permit.)

☐ Calibration of Effluent Flow Meters; if applicable.

☒ Monitoring Results – all required tests completed, results reviewed, results included
Quality Assurance/Quality Control (QA/QC) and Chain-of-Custody (COC) (Review Discharge Permit):

☒ pH (**field-grab**) (shall be **analyzed within 15 minutes of sample collection**).
Results, collection time, analysis time and Technician's Initials shall be reported in the comments section of the respective COC. The pH meter shall be accurate and reproducible to 0.1 pH unit with a range of 0 to 14 and equipped with a temperature–compensation adjustment (Standard methods).

☒ Cyanide samples were tested for oxidizers and preserved with Sodium Hydroxide (NaOH).
This shall be reported in the comments section on the respective COC, if applicable.

☒ Selenium lab analysis by EPA Method 200.8 by Reaction Mode: if applicable.

☒ Total Phenolics lab analysis by EPA Method 420.4: if applicable.

☒ **All sample analysis for regulatory compliance reporting** shall be completed by an ELAP certified Laboratory.

☒ Certification Statement included (see attached)

☐ Other requested data _____

Industrial User Report Checklist And Certification Statement Form

Violations (if applicable)

☐ All wastewater discharge violations are reported during this period:

☐ The District was contacted within 24- hours of becoming aware of the violation.
Date: _____

☐ A follow-up resample was completed. Date: _____

☐ Corrective actions implemented to resolve violation (Please explain in writing)

☐ Significant Non-Compliance (SNC) Status Review

Please circle the review period *: **January – June** and **July -December**.

The SIU shall conduct a SNC review for the previous completed period * prior to the Self-monitoring Report (SMR) due date. Examples: A October SMR due date, the SNC review period is **January – June** or an April SMR due date, the SNC review period is **July – December.**

The SNC definition can be found in 40 CFR 403.8.

a) Chronic SNC= >66% of a regulated parameter in violation during six-month Period *.

b) Technical Review Criteria (TRC) SNC = >33% of a regulated pollutant during a six-month period* equals or exceeds the product of the daily maximum limit or the average limit multiplied by the applicable TRC factor (1.4 for BOD, TSS and Oil/Grease and 1.2 for all other regulated pollutants except pH).

☐ Is the SIU in SNC (as defined in a and/or b) for this period*? Yes ☐, No ☐; If yes, for what period? _____ . Please report the SNC status to the District in the SMR and include corrective actions to resolve the SNC classification.

☐ Other violations – i.e., reporting, spills to sewer, or prohibited discharges

All violations will be discussed in the cover letter of the Self-Monitoring Report.

☐ Significant Changes

Anticipated changes that may alter the nature, quality, or volume of the wastewater discharged. Planned changes shall be submitted at least 90 days prior to implementation, and shall include a detailed description of this change.

Delta Diablo

Industrial User Report Checklist And Certification Statement Form

Certification Statement

Industrial User Facility Name	**Marsh Landing LLC**
Industrial User Facility Address	**3201-C Wilbur Avenue, Antioch, CA 94509**
Duly Authorized Representative Phone	**925-779-6685**
Indicate Period Covered by This Report	**July 1-September 30, 2024**

Certification Statement:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations (40 CFR 403.6).

Duly Authorized Representative Signature	Joe Moura
Duly Authorized Representative Print	**Joe Moura**
Date	10/10/2024

Marsh Landing LLC
Marsh Landing Generating Station
3201-C Wilbur Avenue (shipping)
PO Box 1687 (mailing)
Antioch, CA 94509

October 10, 2024

Mr. Jason Yun
Delta Diablo
2500 Pittsburg-Antioch Highway
Antioch, CA 94509-1373

Subject: **2024 Third Quarterly (July 1-September 30) Self-Monitoring Report**
Marsh Landing LLC, Marsh Landing Generating Station,
Industrial Wastewater Discharge Permit 0311963-S

This letter documents the transmittal of the 2024 Third Quarterly Self-Monitoring Report (SMR).

Compliance Statement (choose one):

☑ There were no violations of waste discharge requirements during the reporting period.

☐ The following violation(s) of waste discharge requirements occurred during the reporting period, as described below:

Discussion:

This report is the SMR filed for the station and covers the period from July 1 through September 30, 2024. This report includes monthly flow data and quarterly and semiannual analytical data required to be collected in 2024. Data are summarized in the attached tables.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, please contact Mr. David Frandsen, Environmental Specialist at David.Frandsen@nrg.com or call 925.779.6695

Sincerely,

Joe Moura
Plant Manager
Marsh Landing LLC
Marsh Landing Generating Station

Attachments

Table 1:	Quarterly Results for Combined Wastewater (FAC Combined)
Table 2:	Semiannual Results for Combined Wastewater (FAC Combined)
Table 3:	July 2024 Monthly Flow Data
Table 4:	August 2024 Monthly Flow Data
Table 5:	September 2024 Monthly Flow Data

Attachment 1:	pH COC
Attachment 2:	Analytical Reports

Marsh Landing LLC
Marsh Landing Generating Station
Permit 0311963-S

Table 1

Quarterly Results for Combined Wastewater (IW-001)

Industrial User Name	Marsh Landing LLC
Location	Marsh Landing Generating Station
Permit Number	0311963-S
SIC	4911
Address	3201-C Wilbur Avenue
	Antioch CA 94509

Sample Station Location	FAC Combined
Sample Station Description	Local Limits FAC Combined Wastewater
Reporting Period	July - September 2024
Report Type	Quarterly

Constituent	Sample Date	Permit Limit	Result	Units
Field pH	7/30/2024	6-10	7.3	S.U.
BOD	7/30/2024	-	2.3	mg/L
COD	7/30/2024	-	22.0	mg/L
Arsenic	7/30/2024	0.15	0.00087	mg/L
Cadmium	7/30/2024	0.1	ND	mg/L
Chromium	7/30/2024	0.5	0.00033 J	mg/L
Copper	7/30/2024	0.5	0.0028	mg/L
Iron	7/30/2024	-	0.093	mg/L
Lead	7/30/2024	0.5	ND	mg/L
Mercury	7/30/2024	0.003	ND	mg/L
Molybdenum	7/30/2024	-	0.0026	mg/L
Nickel	7/30/2024	0.5	0.0030	mg/L
Selenium	7/30/2024	0.25	ND	mg/L
Silver	7/30/2024	0.2	ND	mg/L
Zinc	7/30/2024	1.0	0.014	mg/L
TDS	7/30/2024	-	454	mg/L
TSS	7/30/2024	-	6.00	mg/L

mg/L = Milligrams per liter

ND = Not detected at or above the laboratory Method Detection Limit or Reporting Limit.

J = Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.

Table 2

Semiannual Results for Combined Wastewater (IW-001)

Industrial User Name	Marsh Landing LLC
Location	Marsh Landing Generating Station
Permit Number	0311963-S
SIC	4911
Address	3201-C Wilbur Avenue
	Antioch CA 94509

Sample Station Location	FAC Combined
Sample Station Description	Local Limits FAC Combined Wastewater
Reporting Period	July - September 2024
Report Type	Semiannual

Constituent	Sample Date	Permit Limit	Result	Units
Cyanide	8/1/2023	0.20	0.0016	mg/L
Total Phenolics (EPA 420.4)	8/1/2023	1.0	ND	mg/L
Ammonia as N	8/1/2023	200	0.29	mg/L
Oil and Grease Animal/Vegetable (HEM)	8/1/2023	300	ND	mg/L
Oil and Grease Petroleum/Mineral (SGT-HEM)	8/1/2023	100	ND	mg/L
TOXIC ORGANICS				
Bromodichloromethane	8/1/2023	-	0.00290	mg/L
Chloroform	8/1/2023	-	0.00350	mg/L
Dibromochloromethane	8/1/2023	-	0.00140	mg/L
TOTAL TOXIC ORGANICS	8/1/2023	2.0	**0.0078**	mg/L

mg/L = Milligrams per liter

ND = Not detected at or above the laboratory Method Detection Limit or Reporting Limit.

J=Result is less than the RL/ML but greater than the MDL. The Reported concentration is an estimated value.

Table 3
Monthly Flow Data

Industrial User Name	Marsh Landing LLC
Location	Marsh Landing Generating Station
Permit Number	0311963-S
SIC	4911
Address	3201-C Wilbur Avenue
	Antioch CA 94509
Sample Station Location	Outfall #4
Sample Station Description	Flow Monitoring Structure
Reporting Period	Jul-24
Report Type	Quarterly
Constituent	Flow
Sample Type	Continuous, measured by flow meter
Sample Date	7/1/2024 - 7/31/2024
Permit Limits (s.u.)	NTE 30,240 gpd. NTE 21 gpm +10% (23.1 gpm) for 15 consecutive minutes or 30 minutes in a 24-hour period

Day	Total Flow (gpd)	Instantaneous Max (gpm)	Minutes per Day of Flow exceeding 23.1 gpm
1	0	0.00	
2	5,107	21.15	
3	17,205	34.19	1
4	10,140	19.65	
5	2,941	19.76	
6	5,974	19.74	
7	5,970	19.59	
8	12,173	19.80	
9	7,633	19.62	
10	10,006	19.64	
11	26,304	20.93	
12	14,924	19.79	
13	6,527	20.33	
14	0	0.00	
15	5,241	19.64	
16	324	19.54	
17	882	19.68	
18	9,816	19.64	
19	0	0.00	
20	4,603	19.65	
21	1,641	19.59	
22	5,302	20.27	
23	9,286	19.63	
24	15,911	19.63	
25	28,075	20.70	
26	18,125	19.60	
27	0	0.00	
28	0	0.00	
29	18,218	19.60	
30	14,117	19.60	
31	6,245	19.60	

Total Monthly Flow (gal)	262,691	Did flow exceed limits?	NO
Daily Max Flow (gpd)	28,075	Flow above daily max (30,240 gpd)?	NO
Average Monthly Flow (gpd)	8,474		

Table 4
Monthly Flow Data

Industrial User Name	Marsh Landing LLC		
Location	Marsh Landing Generating Station		
Permit Number	0311963-S		
SIC	4911		
Address	3201-C Wilbur Avenue		
	Antioch CA 94509		
Sample Station Location	Outfall #4		
Sample Station Description	Flow Monitoring Structure		
Reporting Period	Aug-24		
Report Type	Quarterly		
Constituent	Flow		
Sample Type	Continuous, measured by flow meter		
Sample Date	8/1/2024 - 8/31/2024		
Permit Limits (s.u.)	NTE 30,240 gpd. NTE 21 gpm +10% for 15 consecutive minutes or 30 minutes in a 24-hour period		
Permit Limits (s.u.)	NTE 30,240 gpd. NTE 21 gpm +10% (23.1 gpm) for 15 consecutive minutes or 30 minutes in a 24-hour period		
Day	Total Flow (gpd)	Instantaneous Max (gpm)	Minutes per Day of Flow exceeding 23.1 gpm
1	4,661	19.70	
2	6,303	19.60	
3	9,090	20.38	
4	17,998	19.76	
5	13,750	19.62	
6	9,459	19.66	
7	13,908	20.50	
8	8,131	19.58	
9	0	0.00	
10	0	0.00	
11	0	0.00	
12	454	16.43	
13	0	0.00	
14	0	0.00	
15	0	0.00	
16	4,957	20.09	
17	0	0.00	
18	0	0.00	
19	0	0.00	
20	0	0.00	
21	454	17.21	
22	0	0.00	
23	10,456	20.00	
24	0	0.00	
25	5,217	19.85	
26	0	0.00	
27	394	15.51	
28	0	0.00	
29	0	0.00	
30	4,347	20.66	
31	0	0.00	

Total Monthly Flow (gal)	109,579	Did flow exceed limits?	NO
Daily Max Flow (gpd)	17,998	Flow above daily max (30,240 gpd)?	NO
Average Monthly Flow (gpd)	3,535		

Table 5
Monthly Flow Data

Industrial User Name	Marsh Landing LLC
Location	Marsh Landing Generating Station
Permit Number	0311963-S
SIC	4911
Address	3201-C Wilbur Avenue
	Antioch CA 94509
Sample Station Location	Outfall #4
Sample Station Description	Flow Monitoring Structure
Reporting Period	Sep-24
Report Type	Quarterly
Constituent	Flow
Sample Type	Continuous, measured by flow meter
Sample Date	9/1/2024 - 9/31/2024
Permit Limits (s.u.)	NTE 30,240 gpd. NTE 21 gpm +10% (23.1 gpm) for 15 consecutive minutes or 30 minutes in a 24-hour period

Day	Total Flow (gpd)	Instantaneous Max (gpm)	Minutes per Day of Flow exceeding 23.1 gpm
1	0	0.00	
2	0	0.00	
3	423	14.99	
4	4,445	20.93	
5	11,719	19.61	
6	20,259	19.66	
7	27,897	19.87	
8	0	0.00	
9	3,897	19.58	
10	6,066	19.57	
11	0	0.00	
12	5,573	19.72	
13	0	0.00	
14	0	0.00	
15	0	0.00	
16	13,528	19.69	
17	9,309	19.66	
18	816	19.56	
19	19,674	19.74	
20	5,260	19.69	
21	381	16.50	
22	0	0.00	
23	4,428	23.55	1
24	7,425	19.71	
25	20,235	19.66	
26	7,941	19.59	
27	5,851	19.77	
28	7,279	19.57	
29	0	0.00	
30	0	0.00	

Total Monthly Flow (gal)	182,405	Did flow exceed limits?	NO
Daily Max Flow (gpd)	27,897	Flow above daily max (30,240 gpd)?	NO
Average Monthly Flow (gpd)	6,080		

Marsh Landing Generating Station

Reported to:
Environmental Engineer

NPDES
Monthly Analytical Report

Sample Point	Sample Number	Sample Date	Sample Collection Time	Date Analyzed	pH Analysis Time	Sample Medium	Sample Type (Grab)	pH
IW-001	ML-24-087	7/30/24	0945	7/30/24	0945	Wastewater	Grab	7.3
							Method:	SM 4500-H+B
							Unit:	standard
							Reporting Limit:	0.18
							Method Detection Limit:	0.06

SM = Standard Method; ppm = parts per million; mg/L = milligrams per liter; N/A = not applicable

Environmental Engineer David Frandsen

Signature: David Frandsen

Date: July 30, 2024

Sampling Technologist: Ryan Robinson

Signature:

Date: 7/30/24

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2407K43

Report Created for: NRG Energy, LLC

3201 Wilbur Avenue
Antioch, CA 94509

Project Contact: David Frandsen
Project P.O.: 4501929995
Project: DDSD Quarterly

Project Location: Marsh Landing
Project Received: 07/30/2024

Analytical Report reviewed & approved for release on 08/06/2024 by:

Jena Alfaro
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in a case narrative.

McCampbell Analytical, Inc.
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1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: NRG Energy, LLC **WorkOrder:** 2407K43

Project: DDSD Quarterly

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range
SPK Val	Spike Value

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: NRG Energy, LLC **WorkOrder:** 2407K43

Project: DDSD Quarterly

SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
m1	Based on the method limit threshold, the sample tested produced a result below the threshold of 2.5mg of dried residue.

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Analytical Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K43
Date Received:	07/30/2024 15:25	**Extraction Method:**	SM5210B
Date Prepared:	07/31/2024	**Analytical Method:**	SM5210 B
Project:	DDSD Quarterly	**Unit:**	mg/L

Biochemical Oxygen Demand (BOD)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001	**2407K43-001A**	**Water**	**07/30/2024 09:45**	**WetChem**	**298739**

Analytes	Result	MDL	RL	DF	Date Analyzed
BOD	**2.3**	2.0	2.0	1.02	08/05/2024 12:15

Analyst(s): JME

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Analytical Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K43
Date Received:	07/30/2024 15:25	**Extraction Method:**	SM5220 D
Date Prepared:	07/31/2024	**Analytical Method:**	SM5220 D
Project:	DDSD Quarterly	**Unit:**	mg/L

Chemical Oxygen Demand (COD) as mg O2 /L

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001	**2407K43-001C**	**Water**	**07/30/2024 09:45**	**SPECTROPHOTOMETER2**	**298748**

Analytes	Result	MDL	RL	DF	Date Analyzed
COD	**22**	7.1	10	1	07/31/2024 17:55

Analyst(s): JRA

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Analytical Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K43
Date Received:	07/30/2024 15:25	**Extraction Method:**	E200.8
Date Prepared:	07/30/2024	**Analytical Method:**	E200.8
Project:	DDSD Quarterly	**Unit:**	mg/L

Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001	**2407K43-001D**	**Water**	**07/30/2024 09:45**	**ICP-MS4 193SMPL.d**	**298716**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Arsenic	**0.00087**		0.000077	0.00050	1	07/31/2024 16:49
Cadmium	ND		0.000061	0.00050	1	07/31/2024 16:49
Chromium	**0.00033**	J	0.00033	0.0020	1	07/31/2024 16:49
Copper	**0.0028**		0.00063	0.0015	1	07/31/2024 16:49
Iron	**0.093**		0.021	0.050	1	07/31/2024 16:49
Lead	ND		0.00021	0.00050	1	07/31/2024 16:49
Mercury	ND		0.000026	0.000050	1	07/31/2024 16:49
Molybdenum	**0.0026**		0.00018	0.00050	1	07/31/2024 16:49
Nickel	**0.0030**		0.00024	0.00050	1	07/31/2024 16:49
Selenium	ND		0.00017	0.00050	1	07/31/2024 16:49
Silver	ND		0.000058	0.00050	1	07/31/2024 16:49
Zinc	**0.014**	J	0.011	0.020	1	07/31/2024 16:49

Surrogates	REC (%)	Limits	
Terbium	107	70-130	07/31/2024 16:49

Analyst(s): AL

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Analytical Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K43
Date Received:	07/30/2024 15:25	**Extraction Method:**	SM2540 C-
Date Prepared:	08/05/2024	**Analytical Method:**	SM2540 C
Project:	DDSD Quarterly	**Unit:**	mg/L

Total Dissolved Solids

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001	**2407K43-001B**	**Water**	**07/30/2024 09:45**	**WetChem**	**299044**

Analytes	Result	MDL	RL	DF	Date Analyzed
Total Dissolved Solids	**454**	10.0	10.0	1	08/06/2024 12:30

Analyst(s): ISH

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Analytical Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K43
Date Received:	07/30/2024 15:25	**Extraction Method:**	SM2540 D
Date Prepared:	08/05/2024	**Analytical Method:**	SM2540 D
Project:	DDSD Quarterly	**Unit:**	mg/L

Total Suspended Solids

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001	**2407K43-001C**	**Water**	**07/30/2024 09:45**	**WetChem**	**299092**

Analytes	Result	MDL	RL	DF	Date Analyzed
Total Suspended Solids	**6.00**	2.00	2.00	2	08/06/2024 12:25

Analyst(s): ISH

Analytical Comments: m1

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K43
Date Prepared:	07/31/2024	**BatchID:**	298739
Date Analyzed:	08/05/2024	**Extraction Method:**	SM5210B
Instrument:	WetChem	**Analytical Method:**	SM5210 B
Matrix:	Water	**Unit:**	mg/L
Project:	DDSD Quarterly	**Sample ID:**	MB/LCS/LCSD-298739

QC Summary Report for BOD

Analyte	MB Result	MDL	RL			
BOD	ND	2.0	2.0	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
BOD	190	220	198	97	112	84-115	14.8	16

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K43
Date Prepared:	07/31/2024	**BatchID:**	298748
Date Analyzed:	07/31/2024	**Extraction Method:**	SM5220 D
Instrument:	SPECTROPHOTOMETER2	**Analytical Method:**	SM5220 D
Matrix:	Water	**Unit:**	mg/L
Project:	DDSD Quarterly	**Sample ID:**	MB/LCS/LCSD-298748

QC Summary Report for COD

Analyte	MB Result	MDL	RL			
COD	ND	7.1	10	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
COD	100	100	100	104	102	90-110	1.94	20

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K43
Date Prepared:	07/30/2024	**BatchID:**	298716
Date Analyzed:	07/31/2024	**Extraction Method:**	E200.8
Instrument:	ICP-MS4, ICP-MS5	**Analytical Method:**	E200.8
Matrix:	Water	**Unit:**	µg/L
Project:	DDSD Quarterly	**Sample ID:**	MB/LCS/LCSD-298716

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Arsenic	ND	0.077	0.50	-	-	-
Cadmium	ND	0.061	0.50	-	-	-
Chromium	ND	0.33	2.0	-	-	-
Copper	ND	0.63	1.5	-	-	-
Iron	ND	21	50	-	-	-
Lead	ND	0.21	0.50	-	-	-
Mercury	ND	0.026	0.050	-	-	-
Molybdenum	ND	0.18	0.50	-	-	-
Nickel	ND	0.24	0.50	-	-	-
Selenium	ND	0.17	0.50	-	-	-
Silver	ND	0.058	0.50	-	-	-
Zinc	ND	11	20	-	-	-
Surrogate Recovery						
Terbium	530			500	106	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Arsenic	54	54	50	108	108	85-115	0.241	20
Cadmium	54	56	50	108	113	85-115	4.12	20
Chromium	54	56	50	108	112	85-115	3.53	20
Copper	54	57	50	109	113	85-115	4.37	20
Iron	5500	5700	5000	110	113	85-115	2.88	20
Lead	54	52	50	108	104	85-115	3.67	20
Mercury	1.3	1.3	1.25	105	105	85-115	0.153	20
Molybdenum	52	51	50	105	103	85-115	1.79	20
Nickel	54	57	50	107	114	85-115	5.86	20
Selenium	54	57	50	108	114	85-115	5.39	20
Silver	53	51	50	106	102	85-115	3.72	20
Zinc	550	570	500	109	113	85-115	3.62	20
Surrogate Recovery								
Terbium	530	530	500	106	106	70-130	0.572	20

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K43
Date Prepared:	08/05/2024	**BatchID:**	299044
Date Analyzed:	08/06/2024	**Extraction Method:**	SM2540 C-
Instrument:	WetChem	**Analytical Method:**	SM2540 C
Matrix:	Water	**Unit:**	mg/L
Project:	DDSD Quarterly	**Sample ID:**	MB/LCS/LCSD-299044

QC Summary Report for Total Dissolved Solids

Analyte	MB Result	MDL	RL			
Total Dissolved Solids	ND	10.0	10.0	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Total Dissolved Solids	1040	972	1000	104	97	80-120	6.76	10

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K43
Date Prepared:	08/05/2024	**BatchID:**	299092
Date Analyzed:	08/06/2024	**Extraction Method:**	SM2540 D
Instrument:	WetChem	**Analytical Method:**	SM2540 D
Matrix:	Water	**Unit:**	mg/L
Project:	DDSD Quarterly	**Sample ID:**	MB/LCS/LCSD-299092

QC Summary Report for Total Suspended Solids

Analyte	MB Result	MDL	RL			
Total Suspended Solids	ND	1.00	1.00	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Total Suspended Solids	115	118	100	115	118	80-120	2.58	10

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2407K43 **ClientCode: GOA** **QuoteID: 234501**

☐ WaterTrax ☐ CLIP ☐ EDF ☒ EQuIS ☒ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag
☒ Detection Summary ☐ Excel

Report to:
David Frandsen
NRG Energy, LLC
3201 Wilbur Avenue
Antioch, CA 94509
(925) 427-3479 FAX: (925) 779-6679

Email: David.Frandsen@nrg.com
cc/3rd Party: ryan.robinson@nrg.com; joe.moura@nrg.c
PO: 4501929995
Project: DDSD Quarterly

Bill to:
Accounts Payable
NRG
4900 N. Scottsdale Road, Ste. 5000
Scottsdale, AZ 85251
invoices@clearwayenergy.coupahost.co

Requested TATs: **5 days; 7 days;**

Date Received: **07/30/2024**
Date Logged: **07/30/2024**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2407K43-001	IW-001	Water	7/30/2024 09:45	☐	A	C	D	A	B	C						

Test Legend:

1	BOD_W	2	COD_W	3	METALSMS_TTLC_W	4	PRDisposal Fee
5	TDS_W	6	TSS_W	7		8	
9		10		11		12	

Prepared by: Valerie Alfaro

Comments: Use QUOTE 234501 for any Marsh Landing projects to get correct analyte list. Always report in mg/L.

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: NRG ENERGY, LLC
Client Contact: David Frandsen
Contact's Email: David.Frandsen@nrg.com

Project: DDSD Quarterly
Comments: Use QUOTE 234501 for any Marsh Landing projects to get correct analyte list. Always report in mg/L.

Work Order: 2407K43
QC Level: LEVEL 2
Date Logged: 7/30/2024

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	IW-001	Water	SM5210B (BOD)	1	500mL HDPE, unprsv.	☐	☐	☐	7/30/2024 9:45	7 days	8/8/2024	Present	☐	☐
001B	IW-001	Water	SM2540C (TDS)	1	500mL HDPE, unprsv.	☐	☐	☐	7/30/2024 9:45	5 days	8/6/2024	Present	☐	☐
001C	IW-001	Water	SM2540D (TSS)	1	1L HDPE, unprsv.	☐	☐	☐	7/30/2024 9:45	5 days	8/6/2024	Present	☐	☐
			SM5220D (COD)			☐	☐	☐		5 days	8/6/2024	Present	☐	☐
001D	IW-001	Water	E200.8 (Metals) <Arsenic, Cadmium, Chromium, Copper, Iron, Lead, Mercury, Molybdenum, Nickel, Selenium, Silver, Zinc>	1	250mL HDPE w/ HNO3	☐	☐	☐	7/30/2024 9:45	5 days	8/6/2024	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

2407K43

Chain of Custody

Page 1 of 2-Quaterly

Marsh Landing Generating Station
3201-C Wilbur Avenue, P.O. Box 1687, Antioch, CA 94509
Phone: (925) 779-6500 Fax: (925) 779-6679

SAMPLES SUBMITTED TO		SEND INVOICE TO		PROJECT	
Laboratory:	McCampbell Analytical, Inc.	Company:	Marsh Landing LLC	Plant:	Marsh Landing
ELAP Cert. No.	1644	Attention:	Accounts Payable	Title:	DDSD
Address:	1534 Willow Pass Road, Pittsburg, CA 94565-1701	Address:	invoices@clearwayenergy.com	Phase:	Quarterly
Phone/Fax:	925.252.9262/ 925.252.9269	P.O. No.:	4501929995	Manager:	David Frandsen

SAMPLE INFORMATION								CONTAINER INFORMATION				ANALYSIS REQUEST			
Sample Number	Sample Date	Sample Collection Time	Regulatory Driver	Regulatory Frequency	Sample Medium	Sample Type	Sample Description	Number	Type	Volume (each, mL)	Preserv.	COD (SM5220D) *	BOD (SM 5210B)	TDS (SM 2540B)	TSS (SM 2540D)
ML-24-073	30-Jul-24	0945	DDSD	Quarterly	Wastewater	C-24	IW-001	2	Amber VOAs	43	H_2SO_4 (pH<2, 4°C)	X			
ML-24-074	30-Jul-24	0945	DDSD	Quarterly	Wastewater	C-24	IW-001	1	HDPE Bottle	1,000	None (ZHS, 4°C)		X		
ML-24-075	30-Jul-24	0945	DDSD	Quarterly	Wastewater	C-24	IW-001	1	HDPE Bottle	500	None (4°C)			X	
ML-24-076	30-Jul-24	0945	DDSD	Quarterly	Wastewater	C-24	IW-001	1	Poly	1,000	None				X
											HOLDING TIME:	28 days	48 hours	7 days	7 days

REPORTING		LABORATORY NOTES RE: SAMPLE RECEIPT/CONDITION	DIRECTIONS FOR LABORATORY
Original to:	David Frandsen		**STANDARDTAT (5-day).** Establish calibration standards so Minimum Level (ML) value is the lowest calibration standard, the lowest quantifiable concentration or Reporting Limit (RL). Report "Detected, but Not Quantified" (DNQ) with estimated J-flagged concentrations below the RL and include method detection limits (MDLs) in report.
Title:	Environmental Specialist/Engineer		**Please report all results with the units of mg/L.**
Address:	P.O. Box 1687 Antioch, CA 94509		**RESULTS AND PRICING PER QUOTE ID: 234501**
E-mail:	david.frandsen@nrg.com		***Include sample description with client sample number ID.**
E-mail CC:	james.robinson@nrg.com		
E-mail CC:	joe.moura@nrg.com		
E-mail CC:	ryan.robinson@nrg.com		

	PRINTED NAME & PHONE NUMBER	SIGNATURE	COMPANY	DATE	TIME
Sampled by:	Ryan Robinson 925-864-7701		NRG Energy Services	30-Jul-24	0945
Relinquished by:	Alejandro Murillo		NRG Energy Services	30-Jul-24	15:25
Received by:	Agustina	Agustina	McCampbell Analytical, Inc.	7/30/24	1525
Relinquished by:					
Received by:					
Relinquished by:					
Received by:					

*COD VOAs were not filled up. Have to pour into correct containers. MA.

0.2° wet IR39

2407K43

Chain of Custody

Page 2 of 2-Quarterly

Marsh Landing Generating Station
3201-C Wilbur Avenue, P.O. Box 1687, Antioch, CA 94509
Phone: (925) 779-6500 Fax: (925) 779-6679

SAMPLES SUBMITTED TO		SEND INVOICE TO		PROJECT	
Laboratory:	McCampbell Analytical, Inc.	Company:	Marsh Landing LLC	Plant:	Marsh Landing
ELAP Cert. No.	1644	Attention:	Accounts Payable	Title:	DDSD
Address:	1534 Willow Pass Road, Pittsburg, CA 94565-1701	Address:	invoices@cleanwayenergy.com	Phase:	Quarterly
Phone/Fax:	925.252.9262/ 925.252.9269	P.O. No.:	4501929995	Manager:	David Frandsen

SAMPLE INFORMATION								CONTAINER INFORMATION				ANALYSIS REQUEST			
Sample Number	Sample Date	Sample Collection Time	Regulatory Driver	Regulatory Frequency	Sample Medium	Sample Type	Sample Description	Number	Type	Volume (each, mL)	Preserv.	Total Metals[1] (EPA Method 200.8)			
ML-24-077	30-Jul-24	0945	DDSD	Quarterly	Wastewater	C-24	IW-001	1	HDPE Bottle	250	HNO3 (pH<2)	X			
											HOLDING TIME:	28 days			

REPORTING		LABORATORY NOTES RE: SAMPLE RECEIPT/CONDITION	DIRECTIONS FOR LABORATORY
Original to:	David Frandsen		**STANDARD TAT (5-day).** Establish calibration standards so Minimum Level (ML) value is the lowest calibration standard, the lowest quantifiable concentration or Reporting Limit (RL). Report "Detected, but Not Quantified" (DNQ) with estimated J-flagged concentrations below the RL and include method detection limits (MDLs) in report.
Title:	Environmental Specialist/Engineer		1. Arsenic, Cadmium, Chromium, Copper, Iron, Lead, Mercury, Nickel, Molybdenum, Selenium (reaction mode), Silver, Zinc
Address:	P.O. Box 1687 Antioch, CA 94509		**Please report all results with the units of mg/L.**
E-mail:	david.frandsen@nrg.com		**RESULTS AND PRICING PER QUOTE ID: 234501**
E-mail CC:	james.robinson@nrg.com		***Include sample description with client sample number ID.**
E-mail CC:	joe.moura@nrg.com		
E-mail CC:	ryan.robinson@nrg.com		

	PRINTED NAME & PHONE NUMBER	SIGNATURE	COMPANY	DATE	TIME
Sampled by:	Ryan Robinson 925-864-7701		NRG Energy Services	30-Jul-24	0945
Relinquished by:	Alejandro Murillo		NRG Energy Services	30-Jul-24	1515
Received by:	Agustinar.	Agustinar.	McCampbell Analytical, Inc.	7/30/24	1525
Relinquished by:					
Received by:					
Relinquished by:					
Received by:					

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Sample Receipt Checklist

Client Name: NRG Energy, LLC
Project: DDSD Quarterly

Date and Time Received: 7/30/2024 15:25
Date Logged: 7/30/2024
Received by: Agustina Venegas
Logged by: Valerie Alfaro

WorkOrder №: 2407K43 Matrix: Water
Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☐	No	☑		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 0.2°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☐	No	☐	NA	☑
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☑	No	☐	NA	☐

pH Lot#: HC439975
Lot Expiration: 1/31/2028

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2407K37

Report Created for: NRG Energy, LLC

3201 Wilbur Avenue
Antioch, CA 94509

Project Contact: David Frandsen
Project P.O.: 4501929995
Project: DDSD Semi-Annual

Project Location: Marsh Landing
Project Received: 07/30/2024

Analytical Report reviewed & approved for release on 08/09/2024 by:

Yen Cao
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in a case narrative.

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Glossary of Terms & Qualifier Definitions

Client: NRG Energy, LLC **WorkOrder:** 2407K37

Project: DDSD Semi-Annual

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range
SPK Val	Spike Value

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
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Glossary of Terms & Qualifier Definitions

Client: NRG Energy, LLC **WorkOrder:** 2407K37

Project: DDSD Semi-Annual

SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

a2	Sample diluted due to cluttered chromatogram.
a3	Sample diluted due to high organic content interfering with quantitative/or qualitative analysis.
b9	Sediment observed in aqueos sample prior to extraction.
h1	Florisil (EPA 3620) cleanup.

Quality Control Qualifiers

F1	MS/MSD recovery and/or RPD is out of acceptance criteria.
F2	LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.
F3	The surrogate standard recovery and/or RPD is outside of acceptance limits.
F5	LCS/LCSD recovery is outside of acceptance limits; however, the data is acceptable based upon the TNI allowable marginal exceedances.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Received:	07/30/2024 15:25	**Extraction Method:**	E1664A_SG
Date Prepared:	08/05/2024	**Analytical Method:**	E1664A
Project:	DDSD Semi-Annual	**Unit:**	mg/L

Hexane Extractable Material (HEM; Oil & Grease) with Silica Gel Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001	2407K37-001B	Water	07/30/2024 09:45	O&G	299016

Analytes	Result	MDL	RL	DF	Date Analyzed
SGT-HEM	ND	1.1	4.7	1	08/05/2024 12:25

Analyst(s): LAM

Analytical Comments: b9

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Analytical Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Received:	07/30/2024 15:25	**Extraction Method:**	E1664A
Date Prepared:	08/05/2024	**Analytical Method:**	E1664A
Project:	DDSD Semi-Annual	**Unit:**	mg/L

Hexane Extractable Material (HEM; Oil & Grease) without Silica Gel Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001	2407K37-001A	Water	07/30/2024 09:45	O&G	299016

Analytes	Result	MDL	RL	DF	Date Analyzed
HEM	ND	2.6	4.8	1	08/05/2024 12:20

Analyst(s): LAM

Analytical Comments: b9

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Analytical Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Received:	07/30/2024 15:25	**Extraction Method:**	E608.3/SW3620B
Date Prepared:	07/31/2024	**Analytical Method:**	E608.3
Project:	DDSD Semi-Annual	**Unit:**	mg/L

Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001	2407K37-001F	Water	07/30/2024 09:45	GC40 08012420.d	298794

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.000007	0.000010	10	08/01/2024 16:09
a-BHC	ND	0.000010	0.000020	10	08/01/2024 16:09
b-BHC	ND	0.000008	0.000020	10	08/01/2024 16:09
d-BHC	ND	0.000005	0.000020	10	08/01/2024 16:09
g-BHC	ND	0.000006	0.000020	10	08/01/2024 16:09
Chlordane (Technical)	ND	0.00014	0.00050	10	08/01/2024 16:09
p,p-DDD	ND	0.000005	0.000010	10	08/01/2024 16:09
p,p-DDE	ND	0.000006	0.000010	10	08/01/2024 16:09
p,p-DDT	ND	0.000006	0.000010	10	08/01/2024 16:09
Dieldrin	ND	0.000004	0.000010	10	08/01/2024 16:09
Endosulfan I	ND	0.000004	0.000010	10	08/01/2024 16:09
Endosulfan II	ND	0.000005	0.000010	10	08/01/2024 16:09
Endosulfan sulfate	ND	0.000005	0.000020	10	08/01/2024 16:09
Endrin	ND	0.000005	0.000010	10	08/01/2024 16:09
Endrin aldehyde	ND	0.000004	0.000010	10	08/01/2024 16:09
Heptachlor	ND	0.000006	0.000010	10	08/01/2024 16:09
Heptachlor epoxide	ND	0.000006	0.000010	10	08/01/2024 16:09
Toxaphene	ND	0.00020	0.00050	10	08/01/2024 16:09
Aroclor1016	ND	0.00018	0.00050	10	08/01/2024 16:09
Aroclor1221	ND	0.00018	0.00050	10	08/01/2024 16:09
Aroclor1232	ND	0.00018	0.00050	10	08/01/2024 16:09
Aroclor1242	ND	0.00018	0.00050	10	08/01/2024 16:09
Aroclor1248	ND	0.00018	0.00050	10	08/01/2024 16:09
Aroclor1254	ND	0.00018	0.00050	10	08/01/2024 16:09
Aroclor1260	ND	0.00018	0.00050	10	08/01/2024 16:09
Aroclor1268	ND	0.00018	0.00050	10	08/01/2024 16:09
Aroclor1262	ND	0.00018	0.00050	10	08/01/2024 16:09

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	61	60-130	08/01/2024 16:09

Analyst(s): CN

Analytical Comments: a2,h1

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Analytical Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Received:	07/30/2024 15:25	**Extraction Method:**	E624.1
Date Prepared:	07/31/2024	**Analytical Method:**	E624.1
Project:	DDSD Semi-Annual	**Unit:**	mg/L

Acrolein, Acrylonitrile, & 2-Chloroethyl Vinyl Ether

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001	2407K37-001H	Water	07/30/2024 09:45	GC10 07312410.D	298836

Analytes	Result	MDL	RL	DF	Date Analyzed
Acrolein (Propenal)	ND	0.0037	0.0050	1	07/31/2024 19:28
Acrylonitrile	ND	0.00027	0.0020	1	07/31/2024 19:28
2-Chloroethyl Vinyl Ether	ND	0.00052	0.0010	1	07/31/2024 19:28

Surrogates	REC (%)	Limits	
Dibromofluoromethane	104	70-130	07/31/2024 19:28

Analyst(s): CLO

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Analytical Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Received:	07/30/2024 15:25	**Extraction Method:**	E624.1
Date Prepared:	07/31/2024	**Analytical Method:**	E624.1
Project:	DDSD Semi-Annual	**Unit:**	mg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001	2407K37-001G	Water	07/30/2024 09:45	GC28 07312415.D	298830

Analytes	Result	MDL	RL	DF	Date Analyzed
Benzene	ND	0.000035	0.00020	1	07/31/2024 17:04
Bromodichloromethane	**0.0029**	0.000035	0.000050	1	07/31/2024 17:04
Bromoform	ND	0.00024	0.00050	1	07/31/2024 17:04
Bromomethane	ND	0.00025	0.00050	1	07/31/2024 17:04
Carbon tetrachloride	ND	0.000034	0.000050	1	07/31/2024 17:04
Chlorobenzene	ND	0.000095	0.00050	1	07/31/2024 17:04
Chloroethane	ND	0.00025	0.00050	1	07/31/2024 17:04
Chloroform	**0.0035**	0.000043	0.00010	1	07/31/2024 17:04
Chloromethane	ND	0.00016	0.00050	1	07/31/2024 17:04
Dibromochloromethane	**0.0014**	0.000073	0.00015	1	07/31/2024 17:04
1,2-Dichlorobenzene	ND	0.00010	0.00050	1	07/31/2024 17:04
1,3-Dichlorobenzene	ND	0.00014	0.00050	1	07/31/2024 17:04
1,4-Dichlorobenzene	ND	0.000089	0.00050	1	07/31/2024 17:04
1,1-Dichloroethane	ND	0.00014	0.00050	1	07/31/2024 17:04
1,2-Dichloroethane (1,2-DCA)	ND	0.000009	0.000020	1	07/31/2024 17:04
1,1-Dichloroethene	ND	0.000005	0.000010	1	07/31/2024 17:04
trans-1,2-Dichloroethene	ND	0.00015	0.00050	1	07/31/2024 17:04
1,2-Dichloropropane	ND	0.000039	0.00010	1	07/31/2024 17:04
cis-1,3-Dichloropropene	ND	0.00013	0.00050	1	07/31/2024 17:04
trans-1,3-Dichloropropene	ND	0.00020	0.00050	1	07/31/2024 17:04
Ethylbenzene	ND	0.00010	0.00050	1	07/31/2024 17:04
Methylene chloride	ND	0.0015	0.0020	1	07/31/2024 17:04
1,1,2,2-Tetrachloroethane	ND	0.000015	0.000020	1	07/31/2024 17:04
Tetrachloroethene	ND	0.000036	0.00020	1	07/31/2024 17:04
Toluene	ND	0.00010	0.00050	1	07/31/2024 17:04
1,1,1-Trichloroethane	ND	0.00013	0.00050	1	07/31/2024 17:04
1,1,2-Trichloroethane	ND	0.000032	0.00010	1	07/31/2024 17:04
Trichloroethene	ND	0.000034	0.00010	1	07/31/2024 17:04
Trichlorofluoromethane	ND	0.00014	0.00050	1	07/31/2024 17:04
Vinyl chloride	ND	0.000004	0.0000050	1	07/31/2024 17:04

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Analytical Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Received:	07/30/2024 15:25	**Extraction Method:**	E624.1
Date Prepared:	07/31/2024	**Analytical Method:**	E624.1
Project:	DDSD Semi-Annual	**Unit:**	mg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001	2407K37-001G	Water	07/30/2024 09:45	GC28 07312415.D	298830

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	**REC (%)**		**Limits**		
Dibromofluoromethane	92		70-130		07/31/2024 17:04
Toluene-d8	102		70-130		07/31/2024 17:04
4-BFB	85		70-130		07/31/2024 17:04

Analyst(s): TW

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Analytical Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Received:	07/30/2024 15:25	**Extraction Method:**	E625.1
Date Prepared:	07/31/2024	**Analytical Method:**	E625.1
Project:	DDSD Semi-Annual	**Unit:**	mg/L

Semi-Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001	2407K37-001I	Water	07/30/2024 09:45	GC48 08022413.D	298745

Analytes	Result	MDL	RL	DF	Date Analyzed
Acenaphthene	ND	0.000014	0.000024	5	08/02/2024 12:40
Acenaphthylene	ND	0.000008	0.000024	5	08/02/2024 12:40
Anthracene	ND	0.000009	0.000024	5	08/02/2024 12:40
Benzidine	ND	0.013	0.024	5	08/02/2024 12:40
Benzo (a) anthracene	ND	0.000095	0.00024	5	08/02/2024 12:40
Benzo (a) pyrene	ND	0.000024	0.000024	5	08/02/2024 12:40
Benzo (b) fluoranthene	ND	0.000025	0.000048	5	08/02/2024 12:40
Benzo (g,h,i) perylene	ND	0.000019	0.000048	5	08/02/2024 12:40
Benzo (k) fluoranthene	ND	0.000024	0.000048	5	08/02/2024 12:40
Bis (2-chloroethoxy) Methane	ND	0.0024	0.0048	5	08/02/2024 12:40
Bis (2-chloroethyl) Ether	ND	0.000024	0.000024	5	08/02/2024 12:40
Bis (2-chloroisopropyl) Ether	ND	0.000023	0.000048	5	08/02/2024 12:40
Bis (2-ethylhexyl) Phthalate	ND	0.00062	0.0012	5	08/02/2024 12:40
4-Bromophenyl Phenyl Ether	ND	0.0014	0.0048	5	08/02/2024 12:40
Butylbenzyl Phthalate	ND	0.00039	0.0012	5	08/02/2024 12:40
4-Chloro-3-methylphenol	ND	0.0028	0.0048	5	08/02/2024 12:40
2-Chloronaphthalene	ND	0.0027	0.0048	5	08/02/2024 12:40
2-Chlorophenol	ND	0.00017	0.00024	5	08/02/2024 12:40
4-Chlorophenyl Phenyl Ether	ND	0.0023	0.0048	5	08/02/2024 12:40
Chrysene	ND	0.000013	0.000024	5	08/02/2024 12:40
Dibenzo (a,h) anthracene	ND	0.000025	0.000048	5	08/02/2024 12:40
Di-n-butyl Phthalate	ND	0.00037	0.0012	5	08/02/2024 12:40
1,2-Dichlorobenzene	ND	0.0025	0.0048	5	08/02/2024 12:40
1,3-Dichlorobenzene	ND	0.0028	0.0048	5	08/02/2024 12:40
1,4-Dichlorobenzene	ND	0.0021	0.0048	5	08/02/2024 12:40
3,3-Dichlorobenzidine	ND	0.000029	0.000048	5	08/02/2024 12:40
2,4-Dichlorophenol	ND	0.000027	0.000048	5	08/02/2024 12:40
Diethyl Phthalate	ND	0.00010	0.00024	5	08/02/2024 12:40
2,4-Dimethylphenol	ND	0.0025	0.0048	5	08/02/2024 12:40
Dimethyl Phthalate	ND	0.000028	0.000048	5	08/02/2024 12:40
4,6-Dinitro-2-methylphenol	ND	0.018	0.024	5	08/02/2024 12:40
2,4-Dinitrophenol	ND	0.0032	0.0048	5	08/02/2024 12:40
2,4-Dinitrotoluene	ND	0.00013	0.00024	5	08/02/2024 12:40
2,6-Dinitrotoluene	ND	0.00014	0.00024	5	08/02/2024 12:40
Di-n-octyl Phthalate	ND	0.0057	0.012	5	08/02/2024 12:40
1,2-Diphenylhydrazine	ND	0.0020	0.0048	5	08/02/2024 12:40

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Analytical Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Received:	07/30/2024 15:25	**Extraction Method:**	E625.1
Date Prepared:	07/31/2024	**Analytical Method:**	E625.1
Project:	DDSD Semi-Annual	**Unit:**	mg/L

Semi-Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001	2407K37-001I	Water	07/30/2024 09:45	GC48 08022413.D	298745

Analytes	Result	MDL	RL	DF	Date Analyzed
Fluoranthene	ND	0.000018	0.000048	5	08/02/2024 12:40
Fluorene	ND	0.000008	0.000048	5	08/02/2024 12:40
Hexachlorobenzene	ND	0.000008	0.000024	5	08/02/2024 12:40
Hexachlorobutadiene	ND	0.000005	0.000024	5	08/02/2024 12:40
Hexachlorocyclopentadiene	ND	0.011	0.024	5	08/02/2024 12:40
Hexachloroethane	ND	0.000016	0.000048	5	08/02/2024 12:40
Indeno (1,2,3-cd) pyrene	ND	0.000033	0.000048	5	08/02/2024 12:40
Isophorone	ND	0.0021	0.0048	5	08/02/2024 12:40
Naphthalene	ND	0.000030	0.000048	5	08/02/2024 12:40
Nitrobenzene	ND	0.0029	0.0048	5	08/02/2024 12:40
2-Nitrophenol	ND	0.014	0.024	5	08/02/2024 12:40
4-Nitrophenol	ND	0.017	0.024	5	08/02/2024 12:40
N-Nitrosodimethylamine	ND	0.017	0.024	5	08/02/2024 12:40
N-Nitrosodiphenylamine	ND	0.0017	0.0048	5	08/02/2024 12:40
N-Nitrosodi-n-propylamine	ND	0.0029	0.0048	5	08/02/2024 12:40
Pentachlorophenol	ND	0.00076	0.0012	5	08/02/2024 12:40
Phenanthrene	ND	0.000017	0.000024	5	08/02/2024 12:40
Phenol	ND	0.000090	0.00019	5	08/02/2024 12:40
Pyrene	ND	0.000013	0.000024	5	08/02/2024 12:40
1,2,4-Trichlorobenzene	ND	0.0025	0.0048	5	08/02/2024 12:40
2,4,6-Trichlorophenol	ND	0.000025	0.000048	5	08/02/2024 12:40

Surrogates	REC (%)	Limits	
2-Fluorophenol	53	20-103	08/02/2024 12:40
Phenol-d5	31	20-120	08/02/2024 12:40
Nitrobenzene-d5	75	61-130	08/02/2024 12:40
2-Fluorobiphenyl	67	63-115	08/02/2024 12:40
2,4,6-Tribromophenol	108	48-149	08/02/2024 12:40
4-Terphenyl-d14	66	32-113	08/02/2024 12:40

Analyst(s): MV Analytical Comments: a3

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Analytical Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Received:	07/30/2024 15:25	**Extraction Method:**	E350.1
Date Prepared:	07/31/2024	**Analytical Method:**	E350.1
Project:	DDSD Semi-Annual	**Unit:**	mg/L

Ammonia As Nitrogen

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001	2407K37-001E	Water	07/30/2024 09:45	WC_SKALAR 240731a1_93	298750

Analytes	Result	MDL	RL	DF	Date Analyzed
Ammonia, total as N	**0.29**	0.089	0.10	1	07/31/2024 15:26

Analyst(s): IGC

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Analytical Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Received:	07/30/2024 15:25	**Extraction Method:**	Kelada-01
Date Prepared:	08/06/2024	**Analytical Method:**	Kelada-01
Project:	DDSD Semi-Annual	**Unit:**	mg/L

Cyanide, Total

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001	2407K37-001C	Water	07/30/2024 09:45	WC_Skalar3 080624A_67	299133

Analytes	Result	MDL	RL	DF	Date Analyzed
Total Cyanide	**0.0016**	0.00058	0.0010	1	08/06/2024 16:53

Analyst(s): JRA

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Analytical Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Received:	07/30/2024 15:25	**Extraction Method:**	E420.4
Date Prepared:	08/08/2024	**Analytical Method:**	E420.4
Project:	DDSD Semi-Annual	**Unit:**	mg/L

Phenolics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001	2407K37-001D	Water	07/30/2024 09:45	WC_SKALAR 240808B1_25	299312

Analytes	Result	MDL	RL	DF	Date Analyzed
Phenolics	ND	0.0015	0.0020	1	08/08/2024 14:04

Analyst(s): IGC

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Prepared:	08/05/2024	**BatchID:**	299016
Date Analyzed:	08/05/2024	**Extraction Method:**	E1664A_SG
Instrument:	O&G	**Analytical Method:**	E1664A
Matrix:	Water	**Unit:**	mg/L
Project:	DDSD Semi-Annual	**Sample ID:**	MB/LCS/LCSD-299016

QC Summary Report for E1664A

Analyte	MB Result	MDL	RL			
HEM	ND	2.7	5.0	-	-	-
SGT-HEM	ND	1.2	5.0	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
HEM	18	17	20.83	86	80	78-114	7.55	30
SGT-HEM	8.2	7.1	10.42	79	68	64-132	14.1	30

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Prepared:	07/31/2024	**BatchID:**	298794
Date Analyzed:	08/01/2024	**Extraction Method:**	E608.3/SW3620B
Instrument:	GC40	**Analytical Method:**	E608.3
Matrix:	Water	**Unit:**	µg/L
Project:	DDSD Semi-Annual	**Sample ID:**	MB/LCS/LCSD-298794

QC Summary Report for E608.3 w/ Florisil Clean-up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.00078	0.0010	-	-	-
a-BHC	ND	0.0010	0.0020	-	-	-
b-BHC	ND	0.00081	0.0020	-	-	-
d-BHC	ND	0.00057	0.0020	-	-	-
g-BHC	ND	0.00063	0.0020	-	-	-
Chlordane (Technical)	ND	0.014	0.050	-	-	-
a-Chlordane	ND	0.00047	0.0010	-	-	-
g-Chlordane	ND	0.00048	0.0010	-	-	-
p,p-DDD	ND	0.00051	0.0010	-	-	-
p,p-DDE	ND	0.00060	0.0010	-	-	-
p,p-DDT	ND	0.00063	0.0010	-	-	-
Dieldrin	ND	0.00042	0.0010	-	-	-
Endosulfan I	ND	0.00043	0.0010	-	-	-
Endosulfan II	ND	0.00054	0.0010	-	-	-
Endosulfan sulfate	ND	0.00053	0.0020	-	-	-
Endrin	ND	0.00055	0.0010	-	-	-
Endrin aldehyde	ND	0.00042	0.0010	-	-	-
Endrin ketone	ND	0.00058	0.0010	-	-	-
Heptachlor	ND	0.00067	0.0010	-	-	-
Heptachlor epoxide	ND	0.00065	0.0010	-	-	-
Methoxychlor	ND	0.00052	0.0010	-	-	-
Toxaphene	ND	0.020	0.050	-	-	-
Aroclor1016	ND	0.018	0.050	-	-	-
Aroclor1221	ND	0.018	0.050	-	-	-
Aroclor1232	ND	0.018	0.050	-	-	-
Aroclor1242	ND	0.018	0.050	-	-	-
Aroclor1248	ND	0.018	0.050	-	-	-
Aroclor1254	ND	0.018	0.050	-	-	-
Aroclor1260	ND	0.018	0.050	-	-	-
Surrogate Recovery						
Decachlorobiphenyl	0.056			0.05	113	60-130

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Prepared:	07/31/2024	**BatchID:**	298794
Date Analyzed:	08/01/2024	**Extraction Method:**	E608.3/SW3620B
Instrument:	GC40	**Analytical Method:**	E608.3
Matrix:	Water	**Unit:**	µg/L
Project:	DDSD Semi-Annual	**Sample ID:**	MB/LCS/LCSD-298794

QC Summary Report for E608.3 w/ Florisil Clean-up

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.044	0.047	0.050	88	95	54-130	7.84	20
a-BHC	0.046	0.051	0.050	93	101	70-130	8.71	20
b-BHC	0.041	0.045	0.050	82	90	70-130	8.70	20
d-BHC	0.037	0.040	0.050	73	80	70-130	8.52	20
g-BHC	0.045	0.049	0.050	90	98	60-130	8.37	20
a-Chlordane	0.042	0.046	0.050	83	91	55-130	9.62	20
g-Chlordane	0.042	0.047	0.050	85	93	55-130	9.33	20
p,p-DDD	0.051	0.056	0.050	102	112	70-130	9.28	20
p,p-DDE	0.047	0.051	0.050	94	103	70-130	9.30	20
p,p-DDT	0.048	0.055	0.050	96	111	70-130	14.5	20
Dieldrin	0.045	0.049	0.050	89	98	70-130	9.27	20
Endosulfan I	0.043	0.046	0.050	86	92	70-130	7.78	20
Endosulfan II	0.044	0.049	0.050	88	99	70-130	11.0	20
Endosulfan sulfate	0.046	0.052	0.050	92	104	70-130	11.6	20
Endrin	0.055	0.060	0.050	109	121	70-130	10.1	20
Endrin aldehyde	0.044	0.049	0.050	89	98	60-130	10.6	20
Endrin ketone	0.045	0.051	0.050	90	102	60-130	12.7	20
Heptachlor	0.050	0.054	0.050	101	108	43-130	7.27	20
Heptachlor epoxide	0.042	0.046	0.050	84	91	70-130	8.09	20
Methoxychlor	0.056	0.064	0.050	112	128	70-130	13.2	20
Aroclor1016	0.13	0.14	0.15	89	93	70-130	4.33	20
Aroclor1260	0.13	0.13	0.15	86	89	70-130	4.12	20
Surrogate Recovery								
Decachlorobiphenyl	0.046	0.051	0.050	92	101	60-130	9.48	20

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Prepared:	07/31/2024	**BatchID:**	298836
Date Analyzed:	07/31/2024	**Extraction Method:**	E624.1
Instrument:	GC10	**Analytical Method:**	E624.1
Matrix:	Water	**Unit:**	µg/L
Project:	DDSD Semi-Annual	**Sample ID:**	MB/LCS/LCSD-298836 2407K37-001HMS/MSD

QC Summary Report for E624.1

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acrolein (Propenal)	ND	3.7	5.0	-	-	-
Acrylonitrile	ND	0.27	2.0	-	-	-
2-Chloroethyl vinyl ether	ND	0.52	1.0	-	-	-
Surrogate Recovery						
Dibromofluoromethane	27			25	108	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acrolein (Propenal)	22	18	20	109	89	71-140	20.3,F2	20
Acrylonitrile	22	19	20	108	96	67-145	12.7	20
2-Chloroethyl vinyl ether	22	19	20	108	96	70-124	12.6	20
Surrogate Recovery								
Dibromofluoromethane	27	25	25	107	101	70-130	6.24	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acrolein (Propenal)	1	16	17	20	ND	79	84	24-149	6.14	20
Acrylonitrile	1	18	19	20	ND	90	94	50-151	4.05	20
2-Chloroethyl vinyl ether	1	22	22	20	ND	108	110	66-140	1.17	20
Surrogate Recovery										
Dibromofluoromethane	1	25	26	25		100	105	70-130	4.96	20

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Prepared:	07/31/2024	**BatchID:**	298830
Date Analyzed:	07/31/2024	**Extraction Method:**	E624.1
Instrument:	GC28	**Analytical Method:**	E624.1
Matrix:	Water	**Unit:**	µg/L
Project:	DDSD Semi-Annual	**Sample ID:**	MB/LCS/LCSD-298830 2407K37-001GMS/MSD

QC Summary Report for E624.1

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Benzene	ND	0.035	0.20	-	-	-
Bromodichloromethane	ND	0.035	0.050	-	-	-
Bromoform	ND	0.24	0.50	-	-	-
Bromomethane	ND	0.25	0.50	-	-	-
Carbon tetrachloride	ND	0.034	0.050	-	-	-
Chlorobenzene	ND	0.095	0.50	-	-	-
Chloroethane	ND	0.25	0.50	-	-	-
Chloroform	ND	0.043	0.10	-	-	-
Chloromethane	ND	0.16	0.50	-	-	-
Dibromochloromethane	ND	0.073	0.15	-	-	-
1,2-Dichlorobenzene	ND	0.10	0.50	-	-	-
1,3-Dichlorobenzene	ND	0.14	0.50	-	-	-
1,4-Dichlorobenzene	ND	0.089	0.50	-	-	-
1,1-Dichloroethane	ND	0.14	0.50	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0093	0.020	-	-	-
1,1-Dichloroethene	ND	0.0058	0.010	-	-	-
trans-1,2-Dichloroethene	ND	0.15	0.50	-	-	-
1,2-Dichloropropane	ND	0.039	0.10	-	-	-
cis-1,3-Dichloropropene	ND	0.13	0.50	-	-	-
trans-1,3-Dichloropropene	ND	0.20	0.50	-	-	-
Ethylbenzene	ND	0.10	0.50	-	-	-
Methylene chloride	ND	1.5	2.0	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.015	0.020	-	-	-
Tetrachloroethene	ND	0.036	0.20	-	-	-
Toluene	ND	0.10	0.50	-	-	-
1,1,1-Trichloroethane	ND	0.13	0.50	-	-	-
1,1,2-Trichloroethane	ND	0.032	0.10	-	-	-
Trichloroethene	ND	0.034	0.10	-	-	-
Trichlorofluoromethane	ND	0.14	0.50	-	-	-
Vinyl chloride	ND	0.0044	0.0050	-	-	-
Surrogate Recovery						
Dibromofluoromethane	22			25	88	70-130
Toluene-d8	25			25	101	70-130
4-BFB	2.1			2.5	85	70-130

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Prepared:	07/31/2024	**BatchID:**	298830
Date Analyzed:	07/31/2024	**Extraction Method:**	E624.1
Instrument:	GC28	**Analytical Method:**	E624.1
Matrix:	Water	**Unit:**	µg/L
Project:	DDSD Semi-Annual	**Sample ID:**	MB/LCS/LCSD-298830 2407K37-001GMS/MSD

QC Summary Report for E624.1

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Benzene	3.5	3.5	4	87	86	65-130	0.196	20
Bromodichloromethane	3.7	3.8	4	93	94	60-130	1.28	20
Bromoform	3.8	4.0	4	94	100	70-130	6.25	20
Bromomethane	4.0	3.8	4	99	96	50-130	3.66	20
Carbon tetrachloride	3.5	3.5	4	87	87	70-130	0.630	20
Chlorobenzene	3.9	3.8	4	96	95	65-130	1.65	20
Chloroethane	3.7	3.7	4	92	92	60-140	0.423	20
Chloroform	3.8	3.8	4	95	94	70-130	0.293	20
Chloromethane	5.4	5.4	4	135,F2	135,F2	50-130	0.512	20
Dibromochloromethane	3.7	3.8	4	93	95	70-130	1.71	20
1,2-Dichlorobenzene	3.8	4.1	4	96	102	65-130	6.24	20
1,3-Dichlorobenzene	3.8	3.9	4	94	99	70-130	4.30	20
1,4-Dichlorobenzene	4.0	4.1	4	99	102	65-130	2.74	20
1,1-Dichloroethane	3.6	3.6	4	89	89	70-130	0.415	20
1,2-Dichloroethane (1,2-DCA)	3.6	3.6	4	90	90	70-130	0.679	20
1,1-Dichloroethene	3.9	3.8	4	97	96	60-130	1.20	20
trans-1,2-Dichloroethene	3.6	3.5	4	90	87	70-130	3.12	20
1,2-Dichloropropane	3.9	3.9	4	97	97	60-130	0.0791	20
cis-1,3-Dichloropropene	3.9	3.9	4	97	97	60-130	0.349	20
trans-1,3-Dichloropropene	3.7	3.8	4	94	94	60-130	0.632	20
Ethylbenzene	3.5	3.5	4	89	88	60-130	0.537	20
Methylene chloride	3.5	3.4	4	88	84	60-130	4.51	20
1,1,2,2-Tetrachloroethane	4.1	4.6	4	103	116	60-130	11.3	20
Tetrachloroethene	4.0	4.0	4	101	100	70-130	0.702	20
Toluene	3.7	3.5	4	91	87	70-130	4.66	20
1,1,1-Trichloroethane	3.4	3.4	4	85	85	70-130	0.527	20
1,1,2-Trichloroethane	4.1	4.1	4	102	103	70-130	0.856	20
Trichloroethene	3.8	3.8	4	96	96	65-130	0.00785	20
Trichlorofluoromethane	3.5	3.4	4	86	84	60-130	2.42	20
Vinyl chloride	3.2	3.2	2	162,F2	159,F2	60-130	1.85	20
Surrogate Recovery								
Dibromofluoromethane	23	23	25	94	93	70-130	0.826	20
Toluene-d8	25	25	25	101	101	70-130	0.0311	20
4-BFB	2.2	2.3	2.5	88	91	70-130	3.92	20

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Prepared:	07/31/2024	**BatchID:**	298830
Date Analyzed:	07/31/2024	**Extraction Method:**	E624.1
Instrument:	GC28	**Analytical Method:**	E624.1
Matrix:	Water	**Unit:**	µg/L
Project:	DDSD Semi-Annual	**Sample ID:**	MB/LCS/LCSD-298830 2407K37-001GMS/MSD

QC Summary Report for E624.1

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Benzene	1	3.2	2.7	4	ND	79	67	60-140	16.4	20
Bromodichloromethane	1	6.4	6.0	4	2.880	89	78	60-140	7.16	20
Bromoform	1	3.7	3.4	4	ND	93	84	50-140	9.93	20
Bromomethane	1	3.0	2.7	4	ND	76	67	40-140	12.9	20
Carbon tetrachloride	1	3.2	2.7	4	ND	79	67	60-140	17.5	20
Chlorobenzene	1	3.4	2.9	4	ND	85	72	60-140	16.8	20
Chloroethane	1	3.7	2.7	4	ND	93	69	60-140	29.9,F1	20
Chloroform	1	6.9	6.4	4	3.529	84	71	60-140	7.93	20
Chloromethane	1	4.7	3.9	4	ND	118	98	60-140	18.9	20
Dibromochloromethane	1	5.0	4.6	4	1.353	91	82	50-140	7.95	20
1,2-Dichlorobenzene	1	3.4	2.9	4	ND	85	72	60-140	15.5	20
1,3-Dichlorobenzene	1	3.3	2.7	4	ND	82	69	60-140	18.4	20
1,4-Dichlorobenzene	1	3.4	2.9	4	ND	86	73	60-140	16.5	20
1,1-Dichloroethane	1	3.3	2.8	4	ND	83	69	60-140	17.6	20
1,2-Dichloroethane (1,2-DCA)	1	3.4	3.1	4	ND	85	77	60-140	10.7	20
1,1-Dichloroethene	1	3.5	2.9	4	ND	88	74	50-140	17.5	20
trans-1,2-Dichloroethene	1	3.3	2.6	4	ND	82	66	60-140	21.9,F1	20
1,2-Dichloropropane	1	3.6	3.2	4	ND	90	79	60-140	13.4	20
cis-1,3-Dichloropropene	1	3.6	3.1	4	ND	90	79	60-140	13.6	20
trans-1,3-Dichloropropene	1	3.5	3.1	4	ND	88	78	60-140	11.9	20
Ethylbenzene	1	3.1	2.6	4	ND	78	66	60-140	17.1	20
Methylene chloride	1	3.1	2.6	4	ND	76	66	60-140	15.0	20
1,1,2,2-Tetrachloroethane	1	3.8	3.6	4	ND	96	91	60-140	5.28	20
Tetrachloroethene	1	3.6	3.0	4	ND	89	74	60-140	18.7	20
Toluene	1	3.1	2.7	4	ND	78	66	60-140	15.8	20
1,1,1-Trichloroethane	1	3.1	2.6	4	ND	78	65	60-140	18.6	20
1,1,2-Trichloroethane	1	3.8	3.5	4	ND	96	87	60-140	9.82	20
Trichloroethene	1	3.5	2.9	4	ND	87	74	60-140	16.7	20
Trichlorofluoromethane	1	3.1	2.6	4	ND	79	65	60-140	18.5	20
Vinyl chloride	1	2.6	2.2	2	ND	132	111	60-140	17.8	20
Surrogate Recovery										
Dibromofluoromethane	1	23	24	25		93	95	70-140	1.48	20
Toluene-d8	1	25	25	25		101	100	70-140	1.07	20
4-BFB	1	2.2	2.2	2.5		90	89	70-140	0.546	20

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Prepared:	07/31/2024	**BatchID:**	298745
Date Analyzed:	07/31/2024	**Extraction Method:**	E625.1
Instrument:	GC47	**Analytical Method:**	E625.1
Matrix:	Water	**Unit:**	µg/L
Project:	DDSD Semi-Annual	**Sample ID:**	MB/LCS/LCSD-298745

QC Summary Report for E625.1

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acenaphthene	ND	0.0029	0.0050	-	-	-
Acenaphthylene	ND	0.0018	0.0050	-	-	-
Anthracene	ND	0.0020	0.0050	-	-	-
Benzidine	ND	2.7	5.0	-	-	-
Benzo (a) anthracene	ND	0.020	0.050	-	-	-
Benzo (a) pyrene	ND	0.0050	0.0050	-	-	-
Benzo (b) fluoranthene	ND	0.0053	0.010	-	-	-
Benzo (g,h,i) perylene	ND	0.0039	0.010	-	-	-
Benzo (k) fluoranthene	ND	0.0050	0.010	-	-	-
Bis (2-chloroethoxy) methane	ND	0.51	1.0	-	-	-
Bis (2-chloroethyl) ether	ND	0.0050	0.0050	-	-	-
Bis (2-chloroisopropyl) ether	ND	0.0049	0.010	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.13	0.25	-	-	-
4-Bromophenyl phenyl ether	ND	0.29	1.0	-	-	-
Butylbenzyl Phthalate	ND	0.081	0.25	-	-	-
4-Chloro-3-methylphenol	ND	0.59	1.0	-	-	-
2-Chloronaphthalene	ND	0.56	1.0	-	-	-
2-Chlorophenol	ND	0.036	0.050	-	-	-
4-Chlorophenyl phenyl ether	ND	0.49	1.0	-	-	-
Chrysene	ND	0.0027	0.0050	-	-	-
Dibenzo (a,h) anthracene	ND	0.0052	0.010	-	-	-
Di-n-butyl phthalate	ND	0.078	0.25	-	-	-
1,2-Dichlorobenzene	ND	0.53	1.0	-	-	-
1,3-Dichlorobenzene	ND	0.59	1.0	-	-	-
1,4-Dichlorobenzene	ND	0.44	1.0	-	-	-
3,3-Dichlorobenzidine	ND	0.0062	0.010	-	-	-
2,4-Dichlorophenol	ND	0.0056	0.010	-	-	-
Diethyl phthalate	ND	0.021	0.050	-	-	-
2,4-Dimethylphenol	ND	0.53	1.0	-	-	-
Dimethyl phthalate	ND	0.0059	0.010	-	-	-
4,6-Dinitro-2-methylphenol	ND	3.7	5.0	-	-	-
2,4-Dinitrophenol	ND	0.68	1.0	-	-	-
2,4-Dinitrotoluene	ND	0.027	0.050	-	-	-
2,6-Dinitrotoluene	ND	0.030	0.050	-	-	-
Di-n-octyl phthalate	ND	1.2	2.5	-	-	-
1,2-Diphenylhydrazine	ND	0.42	1.0	-	-	-
Fluoranthene	ND	0.0038	0.010	-	-	-
Fluorene	ND	0.0018	0.010	-	-	-

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Prepared:	07/31/2024	**BatchID:**	298745
Date Analyzed:	07/31/2024	**Extraction Method:**	E625.1
Instrument:	GC47	**Analytical Method:**	E625.1
Matrix:	Water	**Unit:**	µg/L
Project:	DDSD Semi-Annual	**Sample ID:**	MB/LCS/LCSD-298745

QC Summary Report for E625.1

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Hexachlorobenzene	ND	0.0017	0.0050	-	-	-
Hexachlorobutadiene	ND	0.0011	0.0050	-	-	-
Hexachlorocyclopentadiene	ND	2.3	5.0	-	-	-
Hexachloroethane	ND	0.0034	0.010	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.0070	0.010	-	-	-
Isophorone	ND	0.45	1.0	-	-	-
Naphthalene	ND	0.0063	0.010	-	-	-
Nitrobenzene	ND	0.61	1.0	-	-	-
2-Nitrophenol	ND	3.0	5.0	-	-	-
4-Nitrophenol	ND	3.6	5.0	-	-	-
N-Nitrosodimethylamine	ND	3.6	5.0	-	-	-
N-Nitrosodiphenylamine	ND	0.36	1.0	-	-	-
N-Nitrosodi-n-propylamine	ND	0.60	1.0	-	-	-
Pentachlorophenol	ND	0.16	0.25	-	-	-
Phenanthrene	ND	0.0036	0.0050	-	-	-
Phenol	ND	0.019	0.040	-	-	-
Pyrene	ND	0.0028	0.0050	-	-	-
1,2,4-Trichlorobenzene	ND	0.52	1.0	-	-	-
2,4,6-Trichlorophenol	ND	0.0053	0.010	-	-	-
Surrogate Recovery						
2-Fluorophenol	5.7			5	114,F3	20-103
Phenol-d5	5.4			5	109	20-120
Nitrobenzene-d5	4.9			5	99	61-130
2-Fluorobiphenyl	5.3			5	106	63-115
2,4,6-Tribromophenol	4.4			5	89	48-149
4-Terphenyl-d14	3.9			5	78	32-113

(Cont.)

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Prepared:	07/31/2024	**BatchID:**	298745
Date Analyzed:	07/31/2024	**Extraction Method:**	E625.1
Instrument:	GC47	**Analytical Method:**	E625.1
Matrix:	Water	**Unit:**	µg/L
Project:	DDSD Semi-Annual	**Sample ID:**	MB/LCS/LCSD-298745

QC Summary Report for E625.1

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.22	0.24	0.25	87	98	60-132	11.5	25
Acenaphthylene	0.23	0.26	0.25	90	102	54-126	12.5	25
Anthracene	0.24	0.27	0.25	97	108	60-130	10.3	25
Benzidine	12	13	25	48	51	20-130	6.03	25
Benzo (a) anthracene	0.23	0.25	0.25	93	102	60-130	8.84	25
Benzo (a) pyrene	0.22	0.24	0.25	87	96	60-130	9.88	25
Benzo (b) fluoranthene	0.23	0.26	0.25	91	102	60-130	11.2	25
Benzo (g,h,i) perylene	0.22	0.25	0.25	90	100	50-130	10.4	25
Benzo (k) fluoranthene	0.26	0.28	0.25	104	113	60-130	8.49	25
Bis (2-chloroethoxy) methane	4.7	5.1	5	94	102	65-130	8.32	25
Bis (2-chloroethyl) ether	0.21	0.22	0.25	83	89	60-130	7.13	25
Bis (2-chloroisopropyl) ether	0.22	0.23	0.25	87	93	63-139	6.81	25
Bis (2-ethylhexyl) Phthalate	0.22	0.24	0.25	89	98	60-130	8.89	25
4-Bromophenyl phenyl ether	4.7	5.2	5	94	104	65-120	9.65	25
Butylbenzyl Phthalate	0.25	0.27	0.25	100	110	60-140	8.89	25
4-Chloro-3-methylphenol	4.5	4.9	5	90	99	65-130	8.92	25
2-Chloronaphthalene	4.7	5.2	5	93	104	65-120	11.4	25
2-Chlorophenol	0.21	0.24	0.25	85	95	60-130	11.1	25
4-Chlorophenyl phenyl ether	4.5	5.0	5	90	99	65-130	9.74	25
Chrysene	0.23	0.26	0.25	94	103	70-130	9.09	25
Dibenzo (a,h) anthracene	0.20	0.23	0.25	78	90	50-130	13.9	25
Di-n-butyl phthalate	0.22	0.25	0.25	88	99	60-130	12.3	25
1,2-Dichlorobenzene	4.2	4.5	5	84	90	60-130	6.74	25
1,3-Dichlorobenzene	4.2	4.5	5	84	90	60-130	6.58	25
1,4-Dichlorobenzene	4.2	4.4	5	84	88	60-130	5.11	25
3,3-Dichlorobenzidine	0.20	0.22	0.25	80	89	60-130	10.8	25
2,4-Dichlorophenol	0.26	0.28	0.25	103	111	53-122	7.72	25
Diethyl phthalate	0.22	0.25	0.25	88	101	65-130	13.0	25
2,4-Dimethylphenol	4.8	5.2	5	97	104	60-130	7.22	25
Dimethyl phthalate	0.21	0.24	0.25	84	95	60-130	12.4	25
4,6-Dinitro-2-methylphenol	19	21	25	75	86	60-130	13.7	25
2,4-Dinitrophenol	1.5	1.8	5	30,F5	37,F5	50-130	18.4	25
2,4-Dinitrotoluene	0.22	0.26	0.25	90	103	70-130	13.5	25
2,6-Dinitrotoluene	0.21	0.24	0.25	85	98	68-137	14.1	25
Di-n-octyl phthalate	4.7	5.1	5	93	102	70-130	8.64	25
1,2-Diphenylhydrazine	5.0	5.6	5	100	112	65-130	11.1	25
Fluoranthene	0.22	0.25	0.25	89	100	65-130	12.2	25
Fluorene	0.23	0.26	0.25	91	103	70-120	12.7	25

(Cont.)

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Prepared:	07/31/2024	**BatchID:**	298745
Date Analyzed:	07/31/2024	**Extraction Method:**	E625.1
Instrument:	GC47	**Analytical Method:**	E625.1
Matrix:	Water	**Unit:**	µg/L
Project:	DDSD Semi-Annual	**Sample ID:**	MB/LCS/LCSD-298745

QC Summary Report for E625.1

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Hexachlorobenzene	0.24	0.27	0.25	96	108	60-130	11.1	25
Hexachlorobutadiene	0.25	0.27	0.25	101	108	68-130	6.46	25
Hexachlorocyclopentadiene	20	22	25	79	89	50-130	12.7	25
Hexachloroethane	0.21	0.23	0.25	86	93	55-120	7.43	25
Indeno (1,2,3-cd) pyrene	0.21	0.23	0.25	84	93	50-130	10.0	25
Isophorone	4.8	5.5	5	96	110	52-130	13.0	25
Naphthalene	0.24	0.26	0.25	96	103	70-130	6.50	25
Nitrobenzene	4.9	5.2	5	98	104	60-130	6.11	25
2-Nitrophenol	25	27	25	99	108	70-130	8.67	25
4-Nitrophenol	18	20	25	71	80	30-130	12.7	25
N-Nitrosodimethylamine	20	22	25	82	88	30-130	7.66	25
N-Nitrosodiphenylamine	4.7	5.2	5	95	105	65-130	10.2	25
N-Nitrosodi-n-propylamine	3.8	4.1	5	76	82	59-130	7.86	25
Pentachlorophenol	1.1	1.2	1.25	85	98	60-130	14.6	25
Phenanthrene	0.24	0.26	0.25	95	105	65-120	10.1	25
Phenol	0.87	0.95	1	87	95	48-120	8.65	25
Pyrene	0.27	0.29	0.25	109	117	70-120	6.77	25
1,2,4-Trichlorobenzene	4.9	5.2	5	98	104	57-130	6.32	25
2,4,6-Trichlorophenol	0.21	0.24	0.25	85	98	69-130	13.5	25
Surrogate Recovery								
2-Fluorophenol	4.5	4.9	5	90	98	20-103	8.09	25
Phenol-d5	4.4	4.7	5	87	94	20-120	7.78	25
Nitrobenzene-d5	5.0	5.3	5	99	106	61-130	6.27	25
2-Fluorobiphenyl	4.6	5.2	5	93	104	63-115	10.8	25
2,4,6-Tribromophenol	5.3	5.8	5	105	116	48-149	9.94	25
4-Terphenyl-d14	3.9	4.1	5	78	82	32-113	5.60	25

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Prepared:	07/31/2024	**BatchID:**	298750
Date Analyzed:	07/31/2024	**Extraction Method:**	E350.1
Instrument:	WC_SKALAR	**Analytical Method:**	E350.1
Matrix:	Water	**Unit:**	mg/L
Project:	DDSD Semi-Annual	**Sample ID:**	MB/LCS/LCSD-298750

QC Summary Report for E350.1

Analyte	MB Result	MDL	RL			
Ammonia, total as N	ND	0.089	0.10	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Ammonia, total as N	4.0	4.1	4	101	102	90-110	1.46	10

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Prepared:	08/06/2024	**BatchID:**	299133
Date Analyzed:	08/06/2024	**Extraction Method:**	Kelada-01
Instrument:	WC_Skalar3	**Analytical Method:**	Kelada-01
Matrix:	Water	**Unit:**	µg/L
Project:	DDSD Semi-Annual	**Sample ID:**	MB/LCS/LCSD-299133

QC Summary Report for Kelada-01

Analyte	MB Result	MDL	RL			
Total Cyanide	ND	0.58	1.0	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Total Cyanide	46	53	50	93	107	90-110	14.2	20

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Quality Control Report

Client:	NRG Energy, LLC	**WorkOrder:**	2407K37
Date Prepared:	08/08/2024	**BatchID:**	299312
Date Analyzed:	08/08/2024	**Extraction Method:**	E420.4
Instrument:	WC_SKALAR	**Analytical Method:**	E420.4
Matrix:	Water	**Unit:**	µg/L
Project:	DDSD Semi-Annual	**Sample ID:**	MB/LCS/LCSD-299312

QC Summary Report for E420.4

Analyte	MB Result	MDL	RL			
Phenolics	ND	1.5	2.0	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Phenolics	41	42	40	104	104	90-110	0.170	20

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2407K37 **ClientCode: GOA** **QuoteID: 234501**

☐ WaterTrax ☐ CLIP ☐ EDF ☒ EQuIS ☒ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag
☒ Detection Summary ☐ Excel

Report to:
David Frandsen
NRG Energy, LLC
3201 Wilbur Avenue
Antioch, CA 94509
(925) 427-3479 FAX: (925) 779-6679

Email: David.Frandsen@nrg.com
cc/3rd Party: ryan.robinson@nrg.com; joe.moura@nrg.c
PO: 4501929995
Project: DDSD Semi-Annual

Bill to:
Accounts Payable
NRG
4900 N. Scottsdale Road, Ste. 5000
Scottsdale, AZ 85251
invoices@clearwayenergy.coupahost.co

Requested TAT: **5 days;**

Date Received: **07/30/2024**
Date Logged: **07/30/2024**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2407K37-001	IW-001	Water	7/30/2024 09:45	☐	B	A	F	G	H	I	E	C	D	A		

Test Legend:

1	1664A_SG_W	2	1664A_W	3	608_W	4	624_W
5	624ACR+2CEVE_W	6	625_SCSM_W	7	AMMONIA_W	8	CN_PPM_W
9	PHENOLICS_W	10	PRDisposal Fee	11		12	

Prepared by: Valerie Alfaro

Comments: Use QUOTE 234501 for any Marsh Landing projects to get correct analyte list. Always report in mg/L.

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: NRG ENERGY, LLC
Client Contact: David Frandsen
Contact's Email: David.Frandsen@nrg.com

Project: DDSD Semi-Annual

Comments: Use QUOTE 234501 for any Marsh Landing projects to get correct analyte list. Always report in mg/L.

Work Order: 2407K37
QC Level: LEVEL 2
Date Logged: 7/30/2024

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	IW-001	Water	E1664A (HEM; Oil & Grease w/o S.G. Clean-Up)	2	(1) 1LA w/ HCl + (1) aVOA w/HCL	☐	☐	☐	7/30/2024 9:45	5 days	8/6/2024	Present	☐	☐
001B	IW-001	Water	E1664A (SGT- HEM; Non-polar Material)	2	(1) 1LA w/ HCl + (1) aVOA w/HCL	☐	☐	☐	7/30/2024 9:45	5 days	8/6/2024	Present	☐	☐
001C	IW-001	Water	Kelada-01 (Cyanide, Total)	1	250mL aHDPE w/ NaOH	☐	☐	☐	7/30/2024 9:45	5 days	8/6/2024	Present	☐	☐
001D	IW-001	Water	E420.4 (Phenolics)	1	250mL aG w/ H2SO4	☐	☐	☐	7/30/2024 9:45	5 days	8/6/2024	Present	☐	☐
001E	IW-001	Water	E350.1 (Ammonia)	1	250mL aG w/ H2SO4	☐	☐	☐	7/30/2024 9:45	5 days	8/6/2024	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

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WORK ORDER SUMMARY

Client Name: NRG ENERGY, LLC
Client Contact: David Frandsen
Contact's Email: David.Frandsen@nrg.com

Project: DDSD Semi-Annual
Comments: Use QUOTE 234501 for any Marsh Landing projects to get correct analyte list. Always report in mg/L.

Work Order: 2407K37
QC Level: LEVEL 2
Date Logged: 7/30/2024

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001F	IW-001	Water	E608.3 (OC Pesticides+PCBs w/ Florisil Clean-up) <a-BHC_1, Aldrin_1, Aroclor1016_1, Aroclor1221_1, Aroclor1232_1, Aroclor1242_1, Aroclor1248_1, Aroclor1254_1, Aroclor1260_1, Aroclor1262_1, Aroclor1262_2, Aroclor1268_1, Aroclor1268_2, b-BHC_1, Chlordane (Technical)_1, d-BHC_1, Dieldrin_1, Endosulfan I_1, Endosulfan II_1, Endosulfan sulfate_1, Endrin aldehyde_1, Endrin_1, g-BHC_1, Heptachlor epoxide_1, Heptachlor_1, p,p-DDD_1, p,p-DDE_1, p,p-DDT_1, Toxaphene_1>	1	1LA Narrow Mouth, Unpres	☐	☐	☐	7/30/2024 9:45	5 days	8/6/2024	Present	☐	☐

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WORK ORDER SUMMARY

Client Name: NRG ENERGY, LLC
Client Contact: David Frandsen
Contact's Email: David.Frandsen@nrg.com

Project: DDSD Semi-Annual

Comments: Use QUOTE 234501 for any Marsh Landing projects to get correct analyte list. Always report in mg/L.

Work Order: 2407K37
QC Level: LEVEL 2
Date Logged: 7/30/2024

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001G	IW-001	Water	E624.1 (VOCs) <1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichlorobenzene, 1,2-Dichloroethane (1,2-DCA), 1,2-Dichloropropane, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Benzene, Bromodichloromethane, Bromoform, Bromomethane, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, cis-1,3-Dichloropropene, Dibromochloromethane, Ethylbenzene, Methylene chloride, Tetrachloroethene, Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Trichloroethene, Trichlorofluoromethane, Vinyl chloride>	4	VOA w/ HCl	☐	☐	☐	7/30/2024 9:45	5 days	8/6/2024	Present	☐	☐
001H	IW-001	Water	E624.1 (ACRO, ACRY, & 2-CEVE)	2	VOA, Unpres	☐	☐	☐	7/30/2024 9:45	5 days	8/6/2024	Present	☐	☐

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WORK ORDER SUMMARY

Client Name: NRG ENERGY, LLC
Client Contact: David Frandsen
Contact's Email: David.Frandsen@nrg.com

Project: DDSD Semi-Annual
Comments: Use QUOTE 234501 for any Marsh Landing projects to get correct analyte list. Always report in mg/L.

Work Order: 2407K37
QC Level: LEVEL 2
Date Logged: 7/30/2024

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001I	IW-001	Water	E625.1 (SVOCs) <1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,2-Diphenylhydrazine, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Chloronaphthalene, 2-Chlorophenol, 2-Nitrophenol, 3,3-Dichlorobenzidine, 4,6-Dinitro-2-methylphenol, 4-Bromophenyl Phenyl Ether, 4-Chloro-3-methylphenol, 4-Chlorophenyl Phenyl Ether, 4-Nitrophenol, Acenaphthene, Acenaphthylene, Anthracene, Benzidine, Benzo (a) anthracene, Benzo (a) pyrene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Benzo (k) fluoranthene, Bis (2-chloroethoxy) Methane, Bis (2-chloroethyl) Ether, Bis (2-	1	1LA Narrow Mouth, Unpres	☐	☐	☐	7/30/2024 9:45	5 days	8/6/2024	Present	☐	☐

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WORK ORDER SUMMARY

Client Name: NRG ENERGY, LLC
Client Contact: David Frandsen
Contact's Email: David.Frandsen@nrg.com

Project: DDSD Semi-Annual
Comments: Use QUOTE 234501 for any Marsh Landing projects to get correct analyte list. Always report in mg/L.

Work Order: 2407K37
QC Level: LEVEL 2
Date Logged: 7/30/2024

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
			chloroisopropyl) Ether, Bis (2-ethylhexyl) Phthalate, Butylbenzyl Phthalate, Chrysene, Dibenzo (a,h) anthracene, Diethyl Phthalate, Dimethyl Phthalate, Di-n-butyl Phthalate, Di-n-octyl Phthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane, Indeno (1,2,3-cd) pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodimethylamine, N-Nitrosodi-n-propylamine, N-Nitrosodiphenylamine, Pentachlorophenol, Phenanthrene, Phenol, Pyrene>											

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

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Chain of Custody

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Marsh Landing Generating Station
3201-C Wilbur Avenue, P.O. Box 1687, Antioch, CA 94509
Phone: (925) 779-6500 Fax: (925) 779-6679

SAMPLES SUBMITTED TO		SEND INVOICE TO		PROJECT	
Laboratory:	McCampbell Analytical, Inc.	Company:	Marsh Landing LLC	Plant:	Marsh Landing
Attention:		Attention:	Accounts Payable	Title:	DDSD
Address:	1534 Willow Pass Road, Pittsburg, CA 94565-1701	Address:	invoices@clearwayenergy.com	Phase:	Semi-Annual
Phone/Fax:	925.252.9262/ 925.252.9269	P.O. No.:	4501929995	Manager:	David Frandsen

SAMPLE INFORMATION								CONTAINER INFORMATION				ANALYSIS REQUEST			
Sample Number	Sample Date	Sample Collection Time	Regulatory Driver	Regulatory Frequency	Sample Medium	Sample Type	Sample Description	Number	Type	Volume (each, L)	Preserv.	Oil and Grease (animal/vegetable) [1] (EPA Method 1664A)	Oil and Grease (Petroleum/Mineral) [2] (EPA Method 1664A)		
ML-24-078	7/30/2024	0945	DDSD	Semi-Annual	Wastewater	Grab	IW-001	1	Amber Glass Jar	1	Hydrochloric Acid (pH<2, 4°C)	X			
ML-24-079	7/30/2024	0945	DDSD	Semi-Annual	Wastewater	Grab	IW-001	1	Amber Glass Jar	1	Hydrochloric Acid (pH<2, 4°C)		X		
											HOLDING TIME:	28 days	28 days		

REPORTING		LABORATORY NOTES RE: SAMPLE RECEIPT/CONDITION	DIRECTIONS FOR LABORATORY
Original to:	David Frandsen		**STANDARD TAT (5-day).** Establish calibration standards so Minimum Level (ML) value is the lowest calibration standard, the lowest quantifiable concentration or Reporting Limit (RL). Report "Detected, but Not Quantified" (DNQ) with estimated J-flagged concentrations below the RL and include method detection limits (MDLs) in report.
Title:	Environmental Specialist/Engineer		1. Animal/Vegetable O/G
Address:	P.O. Box 1687 Antioch, CA 94509		2. Petroleum/Mineral O/G
E-mail:	david.frandsen@nrg.com		**Please report all results with the units of mg/L.**
E-mail CC:	james.robinson@nrg.com		**RESULTS AND PRICING PER QUOTE ID: 234501**
E-mail CC:	joe.moura@nrg.com		
E-mail CC:	ryan.robinson@nrg.com		***Include sample description with client sample number ID.**

	PRINTED NAME & PHONE NUMBER	SIGNATURE	COMPANY	DATE	TIME
Sampled by:	Ryan Robinson 925-864-7701		NRG Energy Services	7/30/2024	0945
Relinquished by:	Alejandro Murillo		NRG Energy Services	7/30/24	15:25
Received by:	Agustinar.		McCampbell Analytical, Inc.	7/30/24	1525
Relinquished by:					
Received by:					
Relinquished by:					
Received by:					

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Chain of Custody

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Marsh Landing Generating Station
3201-C Wilbur Avenue, P.O. Box 1687, Antioch, CA 94509
Phone: (925) 779-6500 Fax: (925) 779-6679

SAMPLES SUBMITTED TO		SEND INVOICE TO		PROJECT	
Laboratory:	McCampbell Analytical, Inc.	*Company:*	Marsh Landing LLC	*Plant:*	Marsh Landing
Attention:		*Attention:*	Accounts Payable	*Title:*	DDSD
Address:	1534 Willow Pass Road, Pittsburg, CA 94565-1701	*Address:*	invoices@clearwayenergy.com	*Phase:*	Semi-Annual
Phone/Fax:	925.252.9262/ 925.252.9269	*P.O. No.:*	4501929995	*Manager:*	David Frandsen

SAMPLE INFORMATION								CONTAINER INFORMATION				ANALYSIS REQUEST			
Sample Number	Sample Date	Sample Collection Time	Regulatory Driver	Regulatory Frequency	Sample Medium	Sample Type	Sample Description	Number	Type	Volume (each, mL)	Preserv.	Cyanide[1] (Kelada-01)	Phenols (EPA Method 420.4)	Ammonia as N (EPA Method 350.1)	
ML-24-080	7/30/2024	0945	DDSD	Semi-Annual	Wastewater	Grab	IW-001	1	HDPE Bottle	250	HNO3 (pH<2)	X			
ML-24-081	7/30/2024	0945	DDSD	Semi-Annual	Wastewater	Grab	IW-001	1	Amber Glass Jar	500	H_2SO_4 (pH<2, 4°C)		X		
ML-24-082	7/30/2024	0945	DDSD	Semi-Annual	Wastewater	C-24	IW-001	1	Amber Glass Jar	500	H_2SO_4 (pH<2, 4°C)			X	
											HOLDING TIME:	14 days	28 days	28 days	

REPORTING		LABORATORY NOTES RE: SAMPLE RECEIPT/CONDITION	DIRECTIONS FOR LABORATORY
Original to:	David Frandsen	Cyanide sample pretreated with sodium thiosulfate prior to preservation with sodium hydroxide.	**STANDARD TAT (5-day).** Establish calibration standards so Minimum Level (ML) value is the lowest calibration standard, the lowest quantifiable concentration or Reporting Limit (RL). Report "Detected, but Not Quantified" (DNQ) with estimated J-flagged concentrations below the RL and include method detection limits (MDLs) in report. 1. Cyanide sample was pretreated with sodium thiosulfate prior to preservation with sodium hydroxide. **Please report all results with the units of mg/L.** **RESULTS AND PRICING PER QUOTE ID: 234501** ***Include sample description with client sample number ID.**
Title:	Environmental Specialist/Engineer		
Address:	P.O. Box 1687 Antioch, CA 94509		
E-mail:	david.frandsen@nrg.com		
E-mail CC:	james.robinson@nrg.com		
E-mail CC:	joe.moura@nrg.com		
E-mail CC:	ryan.robinson@nrg.com		

	PRINTED NAME & PHONE NUMBER	SIGNATURE	COMPANY	DATE	TIME
Sampled by:	Ryan Robinson 925-864-7701		NRG Energy Services	7/30/2024	0945
Relinquished by:	Alejandro Muñiz		NRG Energy Services	7/30/24	15:25
Received by:	Agustin		McCampbell Analytical, Inc.	7/30/24	1525
Relinquished by:					
Received by:					
Relinquished by:					
Received by:					

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Chain of Custody

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Marsh Landing Generating Station
3201-C Wilbur Avenue, P.O. Box 1687, Antioch, CA 94509
Phone: (925) 779-6500 Fax: (925) 779-6679

SAMPLES SUBMITTED TO		SEND INVOICE TO		PROJECT	
Laboratory:	McCampbell Analytical, Inc.	Company:	Marsh Landing LLC	Plant:	Marsh Landing
Attention:		Attention:	Accounts Payable	Title:	DDSD
Address:	1534 Willow Pass Road, Pittsburg, CA 94565-1701	Address:	invoices@clearwayenergy.com	Phase:	Semi-Annual
Phone/Fax:	925.252.9262/ 925.252.9269	P.O. No.:	4501929995	Manager:	David Frandsen

SAMPLE INFORMATION								CONTAINER INFORMATION				ANALYSIS REQUEST			
Sample Number	Sample Date	Sample Collection Time	Regulatory Driver	Regulatory Frequency	Sample Medium	Sample Type	Sample Description	Number	Type	Volume (each, mL)	Preserv.	Pesticides & PCBs (EPA Method 608)	Volatile Organics (EPA Method 624)	Volatile Organics[1] (EPA Method 624)	Semi-Volatile Organics (EPA Method 625)
ML-24-083	7/30/2024	0945	DDSD	Semi-Annual	Water	Grab	IW-001	1	Amber Glass	1,000	None (4°C)	X			
ML-24-084	7/30/2024	0945	DDSD	Semi-Annual	Water	Grab	IW-001	2	Clear VOA	43	HCL (ZHS, pH<2, 4°C)		X		
ML-24-085	7/30/2024	0945	DDSD	Semi-Annual	Water	Grab	IW-001	2	Clear VOA	43	None (4°C)			X	
ML-24-086	7/30/2024	0945	DDSD	Semi-Annual	Water	Grab	IW-001	1	Amber Glass	1,000	None (4°C)				X
											HOLDING TIME:	40 days	14 days	3 days	40 days

* For composite samples, the completion time of the 24-hr composite or the time of the final sample aliquot is considered the "sample collection time" for the purpose of determining sample holding time.

REPORTING		LABORATORY NOTES RE: SAMPLE RECEIPT/CONDITION	DIRECTIONS FOR LABORATORY
Original to:	David Frandsen		**Standard TAT (5-DAYS).** Establish calibration standards so Minimum Level (ML) value is the lowest calibration standard, the lowest quantifiable concentration or Reporting Limit (RL). Report "Detected, but Not Quantified" (DNQ) with estimated J-flagged concentrations below the RL and include method detection limits (MDLs) in report.
Title:	Environmental Specialist/Engineer		1. VOCs- Acrolein, acrylonitrile, and 2cleave
Address:	P.O. Box 1687 Antioch, CA 94509		**Please report all results with the units of mg/L.**
E-mail:	david.frandsen@nrg.com		**RESULTS AND PRICING PER QUOTE ID: 234501**
E-mail CC:	james.robinson@nrg.com		***Include sample description with client sample number ID.**
E-mail CC:	joe.moura@nrg.com		
E-mail CC:	ryan.robinson@nrg.com		

	PRINTED NAME & PHONE NUMBER	SIGNATURE	COMPANY	DATE	TIME
Sampled by:	Ryan Robinson 925-864-7701		NRG Energy Services	7/30/2024	0945
Relinquished by:	Alejandro Murillo		NRG Energy Services	7/30/24	15:25
Received by:	Agustin.		McCampbell Analytical, Inc.	7/30/24	1525
Relinquished by:					
Received by:					
Relinquished by:					
Received by:					

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McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	NRG Energy, LLC	Date and Time Received:	7/30/2024 15:25
Project:	DDSD Semi-Annual	Date Logged:	7/30/2024
		Received by:	Agustina Venegas
WorkOrder №:	2407K37 Matrix: Water	Logged by:	Valerie Alfaro
Carrier:	Client Drop-In		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 0.2°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☑	No	☐	NA	☐
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments: