

DOCKETED	
Docket Number:	08-AFC-03C
Project Title:	Marsh Landing Generating Station Compliance
TN #:	269337
Document Title:	2025 Marsh Landing Compliance Report - Part 2 - OCR
Description:	Annual Compliance Operations report.
Filer:	David Frandsen
Organization:	NRG
Submitter Role:	Applicant
Submission Date:	3/26/2026 2:59:24 PM
Docketed Date:	3/26/2026



Industrial User Report Checklist And Certification Statement Form

Attn: Environmental Compliance Specialist	Miracle Odurukwe		
Environmental Specialist Phone	(925) 756-1929	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

Self-Monitoring Reports (SMRs) (Required)

OCT 10 2025

Flow Discharge Summary (Review Discharge Permit.)

Calibration of Effluent Flow Meters; if applicable.

DELTA DIABLO

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.



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, 2025

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	
Duly Authorized Representative Print	Joe Moura
Date	10/9/2025



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

October 9, 2025

Mr. Miracle Odurukwe
Delta Diablo
2500 Pittsburg-Antioch Highway
Antioch, CA 94509-1373

**Subject: 2025 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 2025 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, 2025. This report includes monthly flow data and quarterly, semiannual, and annual analytical data required to be collected in 2025. 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 (IW-001)
Table 2:	Semiannual Results for Combined Wastewater (IW-001)
Table 3:	Annual Results for Combined Wastewater (IW-001)
Table 4:	July 2025 Monthly Flow Data
Table 5:	August 2025 Monthly Flow Data
Table 6:	September 2025 Monthly Flow Data

Attachment 1:	pH COC
Attachment 2:	Analytical Reports

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	IW-001
Sample Station Description	Combined Wastewater Below Ground
Reporting Period	July - September 2025
Report Type	Quarterly

Constituent	Sample Date	Permit Limit	Result	Units
Field pH	8/13/2025	6-10	7.4	S.U.
BOD	8/13/2025	-	15	mg/L
COD	8/13/2025	-	83	mg/L
Arsenic	8/13/2025	0.15	ND	mg/L
Cadmium	8/13/2025	0.1	ND	mg/L
Chromium	8/13/2025	0.5	ND	mg/L
Copper	8/13/2025	0.5	0.032	mg/L
Iron	8/13/2025	-	0.39	mg/L
Lead	8/13/2025	0.5	ND	mg/L
Mercury	8/13/2025	0.003	ND	mg/L
Molybdenum	8/13/2025	-	0.0012 J	mg/L
Nickel	8/13/2025	0.5	0.0047	mg/L
Selenium	8/13/2025	0.25	ND	mg/L
Silver	8/13/2025	0.2	ND	mg/L
Zinc	8/13/2025	1.0	0.067	mg/L
TDS	8/13/2025	-	314	mg/L
TSS	8/13/2025	-	28.4	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	IW-001
Sample Station Description	Combined Wastewater Below Ground
Reporting Period	July - September 2025
Report Type	SEMI-ANNUAL

Constituent	Sample Date	Permit Limit	Result	Units
Cyanide	8/13/2025	0.20	0.0010	mg/L
Total Phenolics (EPA 420.4)	8/13/2025	1.0	ND	mg/L
Ammonia as N	8/13/2025	200	0.91	mg/L
Oil and Grease Animal/Vegetable (HEM)	8/13/2025	300	4.4 J	mg/L
Oil and Grease Petroleum/Mineral (SGT-HEM)	8/13/2025	100	ND	mg/L
<u>TOXIC ORGANICS</u>				
Bromodichloromethane	8/13/2025	-	0.00029	mg/L
Bromororm	8/13/2025	-	0.00040 J	mg/L
Chloroform	8/13/2025	-	0.00052	mg/L
Dibromochloromethane	8/13/2025	-	0.00029	mg/L
<u>TOTAL TOXIC ORGANICS</u>	8/13/2025	2.0	0.0011	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.

The value of J results are NOT included in the Total Toxic Organics.

Table 3
Annual Results for Combined Wastewater (FAC Combined)

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	IW-001
Sample Station Description	Combined Wastewater Below Ground
Reporting Period	January - December 2025
Report Type	Annual

Constituent	Sample Date	Permit Limit	Result	Units
Sulfide	8/13/2025	-	ND	mg/L
Sulfate	8/13/2025	-	53	mg/L

J = The reported concentration is an estimated value.
 mg/L = Milligrams per Liter
 ND = Not detected at or above the indicated MDL or RL.

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	SouthWest Corner of Admin Building
Sample Station Description	Flow Monitoring Structure
Reporting Period	Jul-25
Report Type	Quarterly
Constituent	Flow
Sample Type	Continuous, measured by flow meter
Sample Date	7/1/2025 - 7/31/2025
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	10,954	20.46	
2	523	18.53	
3	0	0.00	
4	2,516	20.62	
5	4,734	19.13	
6	0	0.00	
7	7,837	20.59	
8	2,629	19.09	
9	0	0.00	
10	448	14.86	
11	5,087	21.04	
12	0	0.00	
13	0	0.00	
14	422	14.67	
15	0	0.00	
16	5,682	20.34	
17	6,901	19.10	
18	0	0.00	
19	455	14.18	
20	0	0.00	
21	0	0.00	
22	0	0.00	
23	1,752	19.81	
24	10,887	20.45	
25	0	0.00	
26	0	0.00	
27	0	0.00	
28	443	11.74	
29	0	0.00	
30	5,451	20.19	
31	0	0.00	

Total Monthly Flow (gal)	66,722	Did flow exceed limits?	NO
Daily Max Flow (gpd)	10,954	Flow above daily max (30,240 gpd)?	NO
Average Monthly Flow (gpd)	2,152		

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	SouthWest Corner of Admin Building		
Sample Station Description	Flow Monitoring Structure		
Reporting Period	Aug-25		
Report Type	Quarterly		
Constituent	Flow		
Sample Type	Continuous, measured by flow meter		
Sample Date	8/1/2025 - 8/31/2025		
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		
			Minutes per Day of Flow exceeding 23.1 gpm
Day	Total Flow (gpd)	Instantaneous Max (gpm)	
1	4,694	19.26	
2	4,758	19.62	
3	0	0.00	
4	6,062	19.19	
5	5,816	19.08	
6	0	0.00	
7	548	17.02	
8	155	15.39	
9	0	0.00	
10	0	0.00	
11	0	0.00	
12	17,905	19.47	
13	9,169	19.13	
14	0	0.00	
15	8,812	19.10	
16	0	0.00	
17	0	0.00	
18	477	16.61	
19	4,104	19.82	
20	951	19.29	
21	6,496	19.43	
22	12,526	19.30	
23	473	17.61	
24	0	0.00	
25	4,958	19.49	
26	0	0.00	
27	440	18.30	
28	0	0.00	
29	5,049	20.19	
30	4,241	19.07	
31	0	0.00	

Total Monthly Flow (gal)	97,632	Did flow exceed limits?	NO
Daily Max Flow (gpd)	17,905	Flow above daily max (30,240 gpd)?	NO
Average Monthly Flow (gpd)	3,149		

Table 6
 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	SouthWest Corner of Admin Building
Sample Station Description	Flow Monitoring Structure
Reporting Period	Sep-25
Report Type	Quarterly
Constituent	Flow
Sample Type	Continuous, measured by flow meter
Sample Date	9/1/2025 - 9/31/2025
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	5,407	20.03	
2	7,146	19.08	
3	0	0.00	
4	0	0.00	
5	392	16.52	
6	4,149	20.18	
7	0	0.00	
8	0	0.00	
9	429	16.87	
10	10,318	19.89	
11	0	0.00	
12	0	0.00	
13	399	18.43	
14	0	0.00	
15	5,835	19.93	
16	0	0.00	
17	5,204	19.46	
18	4,442	20.04	
19	0	0.00	
20	0	0.00	
21	0	0.00	
22	408	15.03	
23	6,202	21.00	
24	0	0.00	
25	9,349	19.38	
26	9,512	21.71	
27	1,805	19.07	
28	0	0.00	
29	6,849	19.23	
30	6,329	19.08	

Total Monthly Flow (gal)	84,173	Did flow exceed limits?	NO
Daily Max Flow (gpd)	10,318	Flow above daily max (30,240 gpd)?	NO
Average Monthly Flow (gpd)	2,806		

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	ML25-110	8/13/25	1000	8/13/25	1000	Wastewater	Grab	7.4
							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:

8/14/25

Sampling Technologist: Ryan Robinson

Signature:

Ryan Robinson

Date:

8/13/2025



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2508803

Report Created for: NRG Energy, LLC

3201 Wilbur Avenue
Antioch, CA 94509

Project Contact: David Frandsen

Project P.O.: 4501937084

Project: Quarterly & Annual; Marsh Landing (Clearway)

Project Location: Antioch, CA

Project Received: 08/13/2025

Analytical Report reviewed & approved for release on 08/20/2025 by:

Ana Venegas
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 regulatory standards, where applicable, unless otherwise stated.





Glossary of Terms & Qualifier Definitions

Client: NRG Energy, LLC

WorkOrder: 2508803

Project: Quarterly & Annual; Marsh Landing (Clearway)

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 IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % 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

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.



Glossary of Terms & Qualifier Definitions

Client: NRG Energy, LLC

WorkOrder: 2508803

Project: Quarterly & Annual; Marsh Landing (Clearway)

SPK Val	Spike Value
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.
S	Surrogate recovery outside accepted recovery limits.
b1	Aqueous sample that contains greater than ~1 vol. % sediment
c1	Surrogate recovery outside of the control limits due to the dilution of the sample.

Quality Control Qualifiers

F1	MS/MSD recovery and/or RPD is out of acceptance criteria.
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Analytical Report

Client:	NRG Energy, LLC	WorkOrder:	2508803
Date Received:	08/13/2025 12:11	Extraction Method:	SM5220 D
Date Prepared:	08/19/2025	Analytical Method:	SM5220 D
Project:	Quarterly & Annual; Marsh Landing (Clearway)	Unit:	mg/L

Chemical Oxygen Demand (COD) as mg O₂ /L

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001 ML25077 C-24	2508803-001A	Water	08/13/2025 10:00	SPECTROPHOTOMETER2	323947

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
COD	83	4.8	10	1	08/19/2025 16:00

Analyst(s): AHE

Analytical Comments: b1



Analytical Report

Client: NRG Energy, LLC **WorkOrder:** 2508803
Date Received: 08/13/2025 12:11 **Extraction Method:** E200.8
Date Prepared: 08/13/2025 **Analytical Method:** E200.8
Project: Quarterly & Annual; Marsh Landing (Clearway) **Unit:** mg/L

Metals (>1% Sediment Content)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001 ML25081 C-24	2508803-001E	Water	08/13/2025 10:00	ICP-MS4 105SMPL.d	323611

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Arsenic	ND		0.00042	0.0025	1	08/14/2025 10:16
Cadmium	ND		0.00024	0.0025	1	08/14/2025 10:16
Chromium	ND		0.0013	0.0025	1	08/14/2025 10:16
Copper	0.032		0.0011	0.0025	1	08/14/2025 10:16
Iron	0.39		0.034	0.25	1	08/14/2025 10:16
Lead	ND		0.00066	0.0025	1	08/14/2025 10:16
Mercury	ND		0.00011	0.00025	1	08/14/2025 10:16
Molybdenum	0.0012	J	0.00048	0.0025	1	08/14/2025 10:16
Nickel	0.0047		0.00093	0.0025	1	08/14/2025 10:16
Selenium	ND		0.0012	0.0025	1	08/14/2025 10:16
Silver	ND		0.00030	0.0025	1	08/14/2025 10:16
Zinc	0.067		0.0092	0.025	1	08/14/2025 10:16

Surrogates	REC (%)	Limits	DF	Date Analyzed
Terbium	107	70-130	1	08/14/2025 10:16

Analyst(s): WV Analytical Comments: b1



Analytical Report

Client:	NRG Energy, LLC	WorkOrder:	2508803
Date Received:	08/13/2025 12:11	Extraction Method:	SM4500-S ⁻² D
Date Prepared:	08/18/2025	Analytical Method:	SM4500 S ⁻² D
Project:	Quarterly & Annual; Marsh Landing (Clearway)	Unit:	mg/L

Total Sulfide - S

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001 ML25091 Grab	2508803-001F	Water	08/13/2025 10:00	SPECTROPHOTOMETER2	323845

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Total Sulfide	ND	0.023	0.10	1	08/18/2025 15:06

Analyst(s): AHE

Analytical Comments: b1



Analytical Report

Client:	NRG Energy, LLC	WorkOrder:	2508803
Date Received:	08/13/2025 12:11	Extraction Method:	SM2540 C
Date Prepared:	08/15/2025	Analytical Method:	SM2540 C
Project:	Quarterly & Annual; Marsh Landing (Clearway)	Unit:	mg/L

Total Dissolved Solids

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001 ML25079 C-24	2508803-001C	Water	08/13/2025 10:00	WetChem	323787

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Total Dissolved Solids	314	10.0	10.0	1	08/15/2025 17:55

Analyst(s): LSE

Analytical Comments: b1



Analytical Report

Client:	NRG Energy, LLC	WorkOrder:	2508803
Date Received:	08/13/2025 12:11	Extraction Method:	SM2540 D
Date Prepared:	08/14/2025	Analytical Method:	SM2540 D
Project:	Quarterly & Annual; Marsh Landing (Clearway)	Unit:	mg/L

Total Suspended Solids

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001 ML25080 C-24	2508803-001D	Water	08/13/2025 10:00	WetChem	323682

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Total Suspended Solids	28.4	2.00	2.00	2	08/14/2025 14:50

Analyst(s): LSE

Analytical Comments: b1



Quality Control Report

Client: NRG Energy, LLC	WorkOrder: 2508803
Date Prepared: 08/13/2025 - 08/14/2025	BatchID: 323592
Date Analyzed: 08/13/2025 - 08/14/2025	Extraction Method: E300.1
Instrument: IC4	Analytical Method: E300.1
Matrix: Water	Unit: mg/L
Project: Quarterly & Annual; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-323592

QC Summary Report for E300.1

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Sulfate	ND	0.036	0.10	-	-	-
Surrogate Recovery						
Malonate	0.11			0.1	105	90-115

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Sulfate	1.0	0.99	1	101	99	85-115	1.55	20
Surrogate Recovery								
Malonate	0.099	0.096	0.10	99	96	90-115	2.36	20



Quality Control Report

Client:	NRG Energy, LLC	WorkOrder:	2508803
Date Prepared:	08/13/2025	BatchID:	323581
Date Analyzed:	08/18/2025	Extraction Method:	SM5210 B
Instrument:	WetChem	Analytical Method:	SM5210 B
Matrix:	Water	Unit:	mg/L
Project:	Quarterly & Annual; Marsh Landing (Clearway)	Sample ID:	MB/LCS/LCSD-323581

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	200	200	198	101	102	84-115	1.25	16



Quality Control Report

Client: NRG Energy, LLC	WorkOrder: 2508803
Date Prepared: 08/19/2025	BatchID: 323947
Date Analyzed: 08/19/2025	Extraction Method: SM5220 D
Instrument: SPECTROPHOTOMETER2	Analytical Method: SM5220 D
Matrix: Water	Unit: mg/L
Project: Quarterly & Annual; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-323947

QC Summary Report for COD

Analyte	MB Result	MDL	RL			
COD	ND	4.8	10	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
COD	110	100	100	107	105	90-110	2.03	20



Quality Control Report

Client: NRG Energy, LLC	WorkOrder: 2508803
Date Prepared: 08/13/2025	BatchID: 323611
Date Analyzed: 08/14/2025	Extraction Method: E200.8
Instrument: ICP-MS4	Analytical Method: E200.8
Matrix: Water	Unit: µg/L
Project: Quarterly & Annual; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-323611 2508803-001EMS/MSD

QC Report for Metals (>1% Sediment Content)

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Arsenic	ND	0.42	2.5	-	-	-
Cadmium	ND	0.24	2.5	-	-	-
Chromium	ND	1.3	2.5	-	-	-
Copper	ND	1.1	2.5	-	-	-
Iron	ND	34	250	-	-	-
Lead	ND	0.66	2.5	-	-	-
Mercury	ND	0.11	0.25	-	-	-
Molybdenum	ND	0.48	2.5	-	-	-
Nickel	ND	0.93	2.5	-	-	-
Selenium	ND	1.2	2.5	-	-	-
Silver	ND	0.30	2.5	-	-	-
Zinc	ND	9.2	25	-	-	-
Surrogate Recovery						
Terbium	2700			2500	107	70-130



Quality Control Report

Client:	NRG Energy, LLC	WorkOrder:	2508803
Date Prepared:	08/13/2025	BatchID:	323611
Date Analyzed:	08/14/2025	Extraction Method:	E200.8
Instrument:	ICP-MS4	Analytical Method:	E200.8
Matrix:	Water	Unit:	µg/L
Project:	Quarterly & Annual; Marsh Landing (Clearway)	Sample ID:	MB/LCS/LCSD-323611 2508803-001EMS/MSD

QC Report for Metals (>1% Sediment Content)

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Arsenic	250	260	250	101	104	85-115	2.14	20
Cadmium	250	260	250	101	105	85-115	4.23	20
Chromium	260	260	250	103	106	85-115	2.39	20
Copper	260	270	250	105	107	85-115	1.90	20
Iron	26,000	27,000	25000	104	107	85-115	3.16	20
Lead	250	260	250	100	104	85-115	3.51	20
Mercury	6.3	6.7	6.25	101	108	85-115	5.98	20
Molybdenum	250	260	250	100	104	85-115	4.26	20
Nickel	260	260	250	105	106	85-115	0.901	20
Selenium	260	260	250	103	105	85-115	2.33	20
Silver	250	260	250	102	105	85-115	3.56	20
Zinc	2600	2600	2500	104	106	85-115	2.03	20

Surrogate Recovery

Terbium	2700	2700	2500	106	108	70-130	1.84	20
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Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Arsenic	1	250	250	250	ND	101	100	75-125	0.801	20
Cadmium	1	250	260	250	ND	101	102	75-125	0.594	20
Chromium	1	250	250	250	ND	100	101	75-125	0.988	20
Copper	1	290	290	250	31.62	103	102	75-125	0.536	20
Iron	1	26,000	26,000	25000	389.0	104	104	75-125	0.289	20
Lead	1	250	260	250	ND	102	102	75-125	0.520	20
Mercury	1	6.5	6.4	6.25	ND	103	103	75-125	0.388	20
Molybdenum	1	260	250	250	ND	103	101	75-125	1.89	20
Nickel	1	260	260	250	4.660	101	103	75-125	1.59	20
Selenium	1	260	260	250	ND	104	105	75-125	0.128	20
Silver	1	250	250	250	ND	101	102	75-125	0.893	20
Zinc	1	2600	2600	2500	67.18	101	102	75-125	1.03	20

Surrogate Recovery

Terbium	1	2700	2600	2500		107	106	75-125	0.750	20
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Analyte	DLT Result	DLTRef Val	%D	%D Limit
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(Cont.)



Quality Control Report

Client: NRG Energy, LLC	WorkOrder: 2508803
Date Prepared: 08/13/2025	BatchID: 323611
Date Analyzed: 08/14/2025	Extraction Method: E200.8
Instrument: ICP-MS4	Analytical Method: E200.8
Matrix: Water	Unit: µg/L
Project: Quarterly & Annual; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-323611 2508803-001EMS/MSD

QC Report for Metals (>1% Sediment Content)

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Arsenic	ND	ND	-	-
Cadmium	ND	ND	-	-
Chromium	ND	ND	-	-
Copper	32	32	1.47	-
Iron	390	390	0.695	-
Lead	ND	ND	-	-
Mercury	ND	ND	-	-
Molybdenum	ND	ND	-	-
Nickel	ND	4.7	-	-
Selenium	ND	ND	-	-
Silver	ND	ND	-	-
Zinc	74	67	10.7	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.



Quality Control Report

Client:	NRG Energy, LLC	WorkOrder:	2508803
Date Prepared:	08/18/2025	BatchID:	323845
Date Analyzed:	08/18/2025	Extraction Method:	SM4500-S ⁻² D
Instrument:	SPECTROPHOTOMETER2	Analytical Method:	SM4500 S ⁻² D
Matrix:	Water	Unit:	mg/L
Project:	Quarterly & Annual; Marsh Landing (Clearway)	Sample ID:	MB/LCS/LCSD-323845 2508803-001FMS/MSD

QC Summary Report For SM4500 S-2D

Analyte	MB Result	MDL	RL			
Total Sulfide	ND	0.023	0.10	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Total Sulfide	0.48	0.46	0.50	96	92	90-110	4.06	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Total Sulfide	1	0.23	0.27	0.50	ND	45,F1	53,F1	80-120	15.5	20



Quality Control Report

Client: NRG Energy, LLC	WorkOrder: 2508803
Date Prepared: 08/15/2025	BatchID: 323787
Date Analyzed: 08/15/2025	Extraction Method: SM2540 C
Instrument: WetChem	Analytical Method: SM2540 C
Matrix: Water	Unit: mg/L
Project: Quarterly & Annual; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-323787

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	1050	1020	1000	105	102	80-120	3.28	10



Quality Control Report

Client:	NRG Energy, LLC	WorkOrder:	2508803
Date Prepared:	08/14/2025	BatchID:	323682
Date Analyzed:	08/14/2025	Extraction Method:	SM2540 D
Instrument:	WetChem	Analytical Method:	SM2540 D
Matrix:	Water	Unit:	mg/L
Project:	Quarterly & Annual; Marsh Landing (Clearway)	Sample ID:	MB/LCS/LCSD-323682

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	119	116	100	119	116	80-120	2.55	10



Certified Analyte List

Client: NRG Energy, LLC

WorkOrder: 2508803

Project: Quarterly & Annual; Marsh Landing (Clearway)

Analyte	Cert 1	Cert 2	Cert 3	Cert 4	Cert 5	Analytical Method	Matrix
Sulfate	●	●	○	○	○	E300.1	Water
BOD	●	●	○	○	○	SM5210 B	Water
COD	●	●	○	○	○	SM5220 D	Water
Arsenic	●	●	○	○	○	E200.8	Water
Cadmium	●	●	○	○	○	E200.8	Water
Chromium	●	●	○	○	○	E200.8	Water
Copper	●	●	○	○	○	E200.8	Water
Iron	●	●	○	○	○	E200.8	Water
Lead	●	●	○	○	○	E200.8	Water
Mercury	○	●	○	○	○	E200.8	Water
Molybdenum	●	●	○	○	○	E200.8	Water
Nickel	●	●	○	○	○	E200.8	Water
Selenium	●	●	○	○	○	E200.8	Water
Silver	●	●	○	○	○	E200.8	Water
Zinc	●	●	○	○	○	E200.8	Water
Total Sulfide	○	●	○	○	○	SM4500 S ⁻² D	Water
Total Dissolved Solids	●	●	○	○	○	SM2540 C	Water
Total Suspended Solids	●	●	○	○	○	SM2540 D	Water

Certifications

Cert 1 CA ELAP 1644

Cert 2 ORELAP (NELAP) 4033

The Certified Analyte Report lists the compounds for which MAI is accredited at the time of issuance. Although MAI holds multiple accreditations, methods with extensive compound lists may not be fully accredited due to state agency availability.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2508803

ClientCode: GOA

QuoteID: 244708

- WaterTrax
 CLIP
 EDF
 EQulS
 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.
PO: 4501937084
Project: Qaurterly & Annual; Marsh Landing (Clearway)

Bill to:

Accounts Payable
NRG
112 Telly Street
New Roads, LA 70760
invoices@clearwayenergy.coupahost.co

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

Date Received: **08/13/2025**

Date Logged: **08/13/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2508803-001	IW-001 ML25077 C-24	Water	8/13/2025 10:00	<input type="checkbox"/>			A		A							
2508803-001	IW-001 ML25078 C-24	Water	8/13/2025 10:00	<input type="checkbox"/>		B										
2508803-001	IW-001 ML25079 C-24	Water	8/13/2025 10:00	<input type="checkbox"/>							C					
2508803-001	IW-001 ML25080 C-24	Water	8/13/2025 10:00	<input type="checkbox"/>								D				
2508803-001	IW-001 ML25081 C-24	Water	8/13/2025 10:00	<input type="checkbox"/>			E									
2508803-001	IW-001 ML25091 Grab	Water	8/13/2025 10:00	<input type="checkbox"/>						F						
2508803-001	IW-001 ML25092 Grab	Water	8/13/2025 10:00	<input type="checkbox"/>	G											

Test Legend:

1	300_1_W	2	BOD_W	3	COD_W	4	METALSMS_TTLC_Sed
5	PRDisposal Fee	6	SULFIDE_W	7	TDS_W	8	TSS_W
9		10		11		12	

Project Manager: Jennifer Lagerbom

Prepared by: Gemma Gomez

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.



WORK ORDER SUMMARY

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

Project: Quarterly & Annual; Marsh Landing (Clearway)

Work Order: 2508803
QC Level: LEVEL 2
Date Logged: 8/13/2025

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

WaterTrax CLIP EDF Excel EQUIS Email HardCopy ThirdParty J-flag

Table with columns: 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. Rows include tests like SM5220D (COD), SM5210 B (BOD), SM2540 C (TDS), SM2540 D (TSS), E200.8 (Metals), SM4500S2D (Total Sulfide), and E300.1 (Inorganic Anions).

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).
- 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.



Sample Receipt Checklist

Client Name: NRG Energy, LLC
 Project: Quarterly & Annual; Marsh Landing (Clearway)
 WorkOrder No: 2508803 Matrix: Water
 Carrier: Client Drop-In

Date and Time Received: 8/13/2025 12:11
 Date Logged: 8/13/2025
 Received by: Lilly Ortiz
 Logged by: Gemma Gomez

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
COC agrees with Quote?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
COC quote NOT expired?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

(Ice Type: WET ICE)

Sample/Temp Blank temperature		Temp: 5.2°C	NA <input type="checkbox"/>
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
pH acceptable upon receipt (Metal: <2)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>

pH Lot#: hc446507
 Lot Expiration: 1/31/2028

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2508818

Report Created for: NRG Energy, LLC

3201 Wilbur Avenue
Antioch, CA 94509

Project Contact: David Frandsen

Project P.O.: 4501937084

Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)

Project Location: Antioch, CA

Project Received: 08/13/2025

Analytical Report reviewed & approved for release on 08/29/2025 by:

Jennifer Lagerbom
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 regulatory standards, where applicable, unless otherwise stated.





Glossary of Terms & Qualifier Definitions

Client: NRG Energy, LLC

WorkOrder: 2508818

Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)

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 IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % 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

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.



Glossary of Terms & Qualifier Definitions

Client: NRG Energy, LLC

WorkOrder: 2508818

Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)

SPK Val	Spike Value
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.
S	Surrogate recovery outside accepted recovery limits.
a3	Sample diluted due to high organic content interfering with quantitative/or qualitative analysis.
c1	Surrogate recovery outside of the control limits due to the dilution of the sample.
c19	Surrogate diluted outside quantifiable range therefore it is not reported.

Quality Control Qualifiers

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



Analytical Report

Client:	NRG Energy, LLC	WorkOrder:	2508818
Date Received:	08/13/2025 12:11	Extraction Method:	E1664A
Date Prepared:	08/18/2025	Analytical Method:	E1664A
Project:	Semi Annual- 1 of 2; Marsh Landing (Clearway)	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 ML25-083 Grab	2508818-001B	Water	08/13/2025 10:00	O&G	323850

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
SGT-HEM	ND	1.7	4.8	1	08/18/2025 17:25

Analyst(s): KKA



Analytical Report

Client:	NRG Energy, LLC	WorkOrder:	2508818
Date Received:	08/13/2025 12:11	Extraction Method:	E1664A
Date Prepared:	08/14/2025	Analytical Method:	E1664A
Project:	Semi Annual- 1 of 2; Marsh Landing (Clearway)	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 ML25-082 Grab	2508818-001A	Water	08/13/2025 10:00	O&G	323660

<u>Analytes</u>	<u>Result</u>	<u>Qualifiers</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
HEM	4.4	J	1.8	4.8	1	08/14/2025 12:25

Analyst(s): KKA



Analytical Report

Client: NRG Energy, LLC **WorkOrder:** 2508818
Date Received: 08/13/2025 12:11 **Extraction Method:** E624.1
Date Prepared: 08/15/2025 **Analytical Method:** E624.1
Project: Semi Annual- 1 of 2; Marsh Landing (Clearway) **Unit:** mg/L

Acrolein, Acrylonitrile, & 2-Chloroethyl Vinyl Ether

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001 ML25-089 Grab	2508818-0011	Water	08/13/2025 10:00	GC10 08152519.D	323841

Analytes	Result	MDL	RL	DF	Date Analyzed
Acrolein (Propenal)	ND	0.0037	0.0050	1	08/15/2025 21:45
Acrylonitrile	ND	0.00035	0.0020	1	08/15/2025 21:45
2-Chloroethyl Vinyl Ether	ND	0.00095	0.0010	1	08/15/2025 21:45

Surrogates	REC (%)	Limits	DF
Dibromofluoromethane	99	70-130	1

Analyst(s): MES



Analytical Report

Client:	NRG Energy, LLC	WorkOrder:	2508818
Date Received:	08/13/2025 12:11	Extraction Method:	E624.1
Date Prepared:	08/20/2025	Analytical Method:	E624.1
Project:	Semi Annual- 1 of 2; Marsh Landing (Clearway)	Unit:	mg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected			Instrument	Batch ID
IW-001 ML25-088 Grab	2508818-001H	Water	08/13/2025 10:00			GC28 08202509.D	324068
Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed	
Benzene	ND		0.000035	0.00020	1	08/20/2025 12:55	
Bromodichloromethane	0.00029		0.000035	0.000050	1	08/20/2025 12:55	
Bromoform	0.00040	J	0.00024	0.00050	1	08/20/2025 12:55	
Bromomethane	ND		0.00025	0.00050	1	08/20/2025 12:55	
Carbon tetrachloride	ND		0.000034	0.000050	1	08/20/2025 12:55	
Chlorobenzene	ND		0.000095	0.00050	1	08/20/2025 12:55	
Chloroethane	ND		0.00025	0.00050	1	08/20/2025 12:55	
Chloroform	0.00052		0.000043	0.00010	1	08/20/2025 12:55	
Chloromethane	ND		0.00016	0.00050	1	08/20/2025 12:55	
Dibromochloromethane	0.00029		0.000073	0.00015	1	08/20/2025 12:55	
1,2-Dichlorobenzene	ND		0.00010	0.00050	1	08/20/2025 12:55	
1,3-Dichlorobenzene	ND		0.00014	0.00050	1	08/20/2025 12:55	
1,4-Dichlorobenzene	ND		0.000089	0.00050	1	08/20/2025 12:55	
1,1-Dichloroethane	ND		0.00014	0.00050	1	08/20/2025 12:55	
1,2-Dichloroethane (1,2-DCA)	ND		0.000009	0.000020	1	08/20/2025 12:55	
1,1-Dichloroethene	ND		0.000005	0.000010	1	08/20/2025 12:55	
trans-1,2-Dichloroethene	ND		0.00015	0.00050	1	08/20/2025 12:55	
1,2-Dichloropropane	ND		0.000039	0.00010	1	08/20/2025 12:55	
cis-1,3-Dichloropropene	ND		0.00013	0.00050	1	08/20/2025 12:55	
trans-1,3-Dichloropropene	ND		0.00020	0.00050	1	08/20/2025 12:55	
Ethylbenzene	ND		0.00010	0.00050	1	08/20/2025 12:55	
Methylene chloride	ND		0.0015	0.0020	1	08/20/2025 12:55	
1,1,2,2-Tetrachloroethane	ND		0.000015	0.000020	1	08/20/2025 12:55	
Tetrachloroethene	ND		0.000036	0.00020	1	08/20/2025 12:55	
Toluene	ND		0.00010	0.00050	1	08/20/2025 12:55	
1,1,1-Trichloroethane	ND		0.00013	0.00050	1	08/20/2025 12:55	
1,1,2-Trichloroethane	ND		0.000032	0.00010	1	08/20/2025 12:55	
Trichloroethene	ND		0.000034	0.00010	1	08/20/2025 12:55	
Trichlorofluoromethane	ND		0.00014	0.00050	1	08/20/2025 12:55	
Vinyl chloride	ND		0.000004	0.0000050	1	08/20/2025 12:55	

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Quality Control Report

Client: NRG Energy, LLC	WorkOrder: 2508818
Date Prepared: 08/18/2025	BatchID: 323850
Date Analyzed: 08/18/2025	Extraction Method: E1664A
Instrument: O&G	Analytical Method: E1664A
Matrix: Water	Unit: mg/L
Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-323850

QC Summary Report for E1664A

Analyte	MB Result	MDL	RL			
HEM	ND	1.9	5.0	-	-	-
SGT-HEM	ND	1.8	5.0	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
HEM	16	16	20	80	81	78-114	0.806	30
SGT-HEM	7.2	6.9	10	72	69	64-132	3.95	30



Quality Control Report

Client: NRG Energy, LLC	WorkOrder: 2508818
Date Prepared: 08/14/2025	BatchID: 323660
Date Analyzed: 08/14/2025	Extraction Method: E1664A
Instrument: O&G	Analytical Method: E1664A
Matrix: Water	Unit: mg/L
Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-323660

QC Summary Report for E1664A

Analyte	MB Result	MDL	RL			
HEM	ND	1.9	5.0	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
HEM	19	17	20	97	86	78-114	12.2	30



Quality Control Report

Client: NRG Energy, LLC	WorkOrder: 2508818
Date Prepared: 08/18/2025	BatchID: 323832
Date Analyzed: 08/27/2025 - 08/29/2025	Extraction Method: E608.3/SW3620B
Instrument: GC40	Analytical Method: E608.3
Matrix: Water	Unit: µg/L
Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-323832

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

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/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	0.044			0.05	88	60-130

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Quality Control Report

Client:	NRG Energy, LLC	WorkOrder:	2508818
Date Prepared:	08/18/2025	BatchID:	323832
Date Analyzed:	08/27/2025 - 08/29/2025	Extraction Method:	E608.3/SW3620B
Instrument:	GC40	Analytical Method:	E608.3
Matrix:	Water	Unit:	µg/L
Project:	Semi Annual- 1 of 2; Marsh Landing (Clearway)	Sample ID:	MB/LCS/LCSD-323832

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	0.032	0.035	0.050	65	69	54-130	6.65	20
a-BHC	0.038	0.042	0.050	77	83	70-130	8.42	20
b-BHC	0.041	0.042	0.050	82	84	70-130	3.21	20
d-BHC	0.041	0.043	0.050	81	85	70-130	4.82	20
g-BHC	0.034	0.036	0.050	67	72	60-130	6.37	20
a-Chlordane	0.040	0.043	0.050	81	86	55-130	5.67	20
g-Chlordane	0.045	0.047	0.050	90	95	55-130	4.60	20
p,p-DDD	0.046	0.049	0.050	92	98	70-130	6.52	20
p,p-DDE	0.042	0.044	0.050	83	88	70-130	5.42	20
p,p-DDT	0.048	0.051	0.050	96	102	70-130	6.42	20
Dieldrin	0.045	0.047	0.050	89	94	70-130	5.20	20
Endosulfan I	0.044	0.047	0.050	88	95	70-130	7.45	20
Endosulfan II	0.046	0.052	0.050	93	105	70-130	12.1	20
Endosulfan sulfate	0.046	0.052	0.050	93	104	70-130	11.7	20
Endrin	0.048	0.051	0.050	96	103	70-130	6.46	20
Endrin aldehyde	0.043	0.046	0.050	87	92	60-130	5.73	20
Endrin ketone	0.045	0.051	0.050	90	102	60-130	12.3	20
Heptachlor	0.036	0.039	0.050	71	77	43-130	7.98	20
Heptachlor epoxide	0.044	0.045	0.050	88	91	70-130	3.32	20
Methoxychlor	0.049	0.054	0.050	98	108	70-130	10.4	20
Aroclor1016	0.16	0.17	0.15	108	112	70-130	3.60	20
Aroclor1260	0.14	0.14	0.15	91	96	70-130	4.60	20
Surrogate Recovery								
Decachlorobiphenyl	0.048	0.053	0.050	96	106	60-130	9.71	20



Quality Control Report

Client:	NRG Energy, LLC	WorkOrder:	2508818
Date Prepared:	08/15/2025	BatchID:	323841
Date Analyzed:	08/15/2025	Extraction Method:	E624.1
Instrument:	GC10	Analytical Method:	E624.1
Matrix:	Water	Unit:	µg/L
Project:	Semi Annual- 1 of 2; Marsh Landing (Clearway)	Sample ID:	MB/LCS/LCSD-323841 2508818-001IMS/MSD

QC Summary Report for E624.1

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Acrolein (Propenal)	ND	3.7	5.0	-	-	-
Acrylonitrile	ND	0.35	2.0	-	-	-
2-Chloroethyl vinyl ether	ND	0.95	1.0	-	-	-
Surrogate Recovery						
Dibromofluoromethane	25			25	100	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acrolein (Propenal)	24	22	20	120	113	71-140	6.40	20
Acrylonitrile	20	18	20	98	91	67-145	7.29	20
2-Chloroethyl vinyl ether	17	14	20	83	72	70-124	13.7	20
Surrogate Recovery								
Dibromofluoromethane	25	25	25	100	100	70-130	0.196	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	23	23	20	ND	116	116	24-149	0.0796	20
Acrylonitrile	1	18	18	20	ND	90	91	50-151	1.58	20
2-Chloroethyl vinyl ether	1	15	15	20	ND	75	77	66-140	2.14	20
Surrogate Recovery										
Dibromofluoromethane	1	25	25	25		99	99	70-130	0.177	20



Quality Control Report

Client: NRG Energy, LLC	WorkOrder: 2508818
Date Prepared: 08/20/2025	BatchID: 324068
Date Analyzed: 08/20/2025	Extraction Method: E624.1
Instrument: GC28	Analytical Method: E624.1
Matrix: Water	Unit: µg/L
Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-324068

QC Summary Report for E624.1

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/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	-	-	-
Styrene	ND	0.22	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	24			25	97	70-130
Toluene-d8	26			25	104	70-130
4-BFB	2.1			2.5	83	70-130

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Quality Control Report

Client:	NRG Energy, LLC	WorkOrder:	2508818
Date Prepared:	08/20/2025	BatchID:	324068
Date Analyzed:	08/20/2025	Extraction Method:	E624.1
Instrument:	GC28	Analytical Method:	E624.1
Matrix:	Water	Unit:	µg/L
Project:	Semi Annual- 1 of 2; Marsh Landing (Clearway)	Sample ID:	MB/LCS/LCSD-324068

QC Summary Report for E624.1

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Benzene	3.3	3.2	4	83	81	65-130	3.21	20
Bromodichloromethane	3.4	3.3	4	84	82	60-130	2.35	20
Bromoform	2.9	2.9	4	72	73	70-130	2.47	20
Bromomethane	3.6	3.4	4	91	84	50-130	7.93	20
Carbon tetrachloride	3.4	3.3	4	85	81	70-130	3.71	20
Chlorobenzene	3.3	3.4	4	83	85	65-130	1.99	20
Chloroethane	3.6	3.4	4	90	85	60-140	5.73	20
Chloroform	3.5	3.4	4	87	84	70-130	3.21	20
Chloromethane	3.7	3.7	4	92	93	50-130	0.900	20
Dibromochloromethane	3.1	3.1	4	76	78	70-130	1.91	20
1,2-Dichlorobenzene	3.0	3.0	4	74	76	65-130	1.71	20
1,3-Dichlorobenzene	3.2	3.2	4	79	80	70-130	0.596	20
1,4-Dichlorobenzene	3.2	3.2	4	80	80	65-130	0.195	20
1,1-Dichloroethane	3.6	3.4	4	89	85	70-130	4.46	20
1,2-Dichloroethane (1,2-DCA)	3.3	3.3	4	83	81	70-130	2.32	20
1,1-Dichloroethene	3.5	3.3	4	87	83	60-130	5.24	20
trans-1,2-Dichloroethene	3.3	3.2	4	83	79	70-130	5.43	20
1,2-Dichloropropane	3.6	3.5	4	89	87	60-130	2.80	20
cis-1,3-Dichloropropene	3.5	3.5	4	87	88	60-130	1.08	20
trans-1,3-Dichloropropene	3.4	3.5	4	86	87	60-130	1.90	20
Ethylbenzene	3.5	3.5	4	88	88	60-130	0.315	20
Methylene chloride	3.1	2.8	4	78	71	60-130	9.05	20
1,1,2,2-Tetrachloroethane	3.2	3.3	4	79	82	60-130	4.06	20
Tetrachloroethene	3.0	3.0	4	76	76	70-130	0.673	20
Toluene	3.2	3.3	4	81	82	70-130	1.11	20
1,1,1-Trichloroethane	3.4	3.2	4	84	80	70-130	5.02	20
1,1,2-Trichloroethane	3.4	3.5	4	85	86	70-130	1.83	20
Trichloroethene	3.3	3.2	4	83	80	65-130	3.79	20
Trichlorofluoromethane	3.5	3.4	4	87	84	60-130	3.51	20
Vinyl chloride	1.9	1.9	2	97	94	60-130	3.22	20
Surrogate Recovery								
Dibromofluoromethane	24	23	25	97	93	70-130	3.88	20
Toluene-d8	26	26	25	103	103	70-130	0.329	20
4-BFB	2.2	2.1	2.5	87	86	70-130	1.01	20



Quality Control Report

Client:	NRG Energy, LLC	WorkOrder:	2508818
Date Prepared:	08/14/2025	BatchID:	323646
Date Analyzed:	08/14/2025	Extraction Method:	E625.1
Instrument:	GC21, GC47	Analytical Method:	E625.1
Matrix:	Water	Unit:	µg/L
Project:	Semi Annual- 1 of 2; Marsh Landing (Clearway)	Sample ID:	MB/LCS/LCSD-323646

QC Summary Report for E625.1

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Acenaphthene	ND	0.0024	0.0050	-	-	-
Acenaphthylene	ND	0.0024	0.0050	-	-	-
Anthracene	ND	0.0019	0.0050	-	-	-
Benzidine	ND	2.7	5.0	-	-	-
Benzo (a) anthracene	ND	0.021	0.050	-	-	-
Benzo (a) pyrene	ND	0.0047	0.0050	-	-	-
Benzo (b) fluoranthene	ND	0.0074	0.010	-	-	-
Benzo (g,h,i) perylene	ND	0.0054	0.010	-	-	-
Benzo (k) fluoranthene	ND	0.0072	0.010	-	-	-
Benzyl Alcohol	ND	1.4	5.0	-	-	-
Bis (2-chloroethoxy) methane	ND	0.21	1.0	-	-	-
Bis (2-chloroethyl) ether	ND	0.0015	0.0050	-	-	-
Bis (2-chloroisopropyl) ether	ND	0.0058	0.010	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.28	1.0	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.075	0.25	-	-	-
4-Bromophenyl phenyl ether	ND	0.26	1.0	-	-	-
Butylbenzyl Phthalate	0.051,J	0.018	0.25	-	-	-
4-Chloroaniline	ND	0.0037	0.0050	-	-	-
4-Chloro-3-methylphenol	ND	0.30	1.0	-	-	-
2-Chloronaphthalene	ND	0.22	1.0	-	-	-
2-Chlorophenol	ND	0.013	0.050	-	-	-
4-Chlorophenyl phenyl ether	ND	0.24	1.0	-	-	-
Carbazole	ND	0.29	1.0	-	-	-
Chrysene	ND	0.0020	0.0050	-	-	-
Dibenzo (a,h) anthracene	ND	0.0066	0.010	-	-	-
n-Decane	ND	0.23	1.0	-	-	-
Dibenzofuran	ND	0.0012	0.0050	-	-	-
Di-n-butyl phthalate	ND	0.039	0.25	-	-	-
1,2-Dichlorobenzene	ND	0.26	1.0	-	-	-
1,3-Dichlorobenzene	ND	0.28	1.0	-	-	-
1,4-Dichlorobenzene	ND	0.31	1.0	-	-	-
3,3-Dichlorobenzidine	ND	0.0018	0.010	-	-	-
2,4-Dichlorophenol	ND	0.0040	0.010	-	-	-
Diethyl phthalate	ND	0.011	0.050	-	-	-
2,4-Dimethylphenol	ND	0.51	1.0	-	-	-
Dimethyl phthalate	ND	0.0031	0.010	-	-	-
4,6-Dinitro-2-methylphenol	ND	3.0	5.0	-	-	-
2,4-Dinitrophenol	ND	0.32	1.0	-	-	-

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Quality Control Report

Client: NRG Energy, LLC	WorkOrder: 2508818
Date Prepared: 08/14/2025	BatchID: 323646
Date Analyzed: 08/14/2025	Extraction Method: E625.1
Instrument: GC21, GC47	Analytical Method: E625.1
Matrix: Water	Unit: µg/L
Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-323646

QC Summary Report for E625.1

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
2,4-Dinitrotoluene	ND	0.013	0.050	-	-	-
2,6-Dinitrotoluene	ND	0.017	0.050	-	-	-
Di-n-octyl phthalate	ND	0.80	2.5	-	-	-
1,2-Diphenylhydrazine	ND	0.29	1.0	-	-	-
Fluoranthene	ND	0.0072	0.010	-	-	-
Fluorene	ND	0.0023	0.010	-	-	-
Hexachlorobenzene	ND	0.00085	0.0050	-	-	-
Hexachlorobutadiene	ND	0.00080	0.0050	-	-	-
Hexachlorocyclopentadiene	ND	1.6	5.0	-	-	-
Hexachloroethane	ND	0.0021	0.010	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.0056	0.010	-	-	-
1-Methylnaphthalene	ND	0.0031	0.0050	-	-	-
Isophorone	ND	0.24	1.0	-	-	-
2-Methylnaphthalene	ND	0.0042	0.0050	-	-	-
2-Methylphenol (o-cresol)	ND	0.29	1.0	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.28	1.0	-	-	-
Naphthalene	ND	0.0035	0.010	-	-	-
2-Nitroaniline	ND	1.1	5.0	-	-	-
3-Nitroaniline	ND	3.4	5.0	-	-	-
4-Nitroaniline	ND	1.3	5.0	-	-	-
Nitrobenzene	ND	0.24	1.0	-	-	-
2-Nitrophenol	ND	1.6	5.0	-	-	-
4-Nitrophenol	ND	1.7	5.0	-	-	-
N-Nitrosodimethylamine	ND	0.21	1.0	-	-	-
N-Nitrosodiphenylamine	ND	0.24	1.0	-	-	-
N-Nitrosodi-n-propylamine	ND	0.29	1.0	-	-	-
n-Octadecane	ND	0.31	1.0	-	-	-
Pentachlorophenol	ND	0.065	0.25	-	-	-
Phenanthrene	ND	0.0018	0.0050	-	-	-
Phenol	ND	0.017	0.040	-	-	-
Pyrene	ND	0.0021	0.0050	-	-	-
Pyridine	ND	0.34	1.0	-	-	-
1,2,4-Trichlorobenzene	ND	0.30	1.0	-	-	-
2,4,5-Trichlorophenol	ND	0.0062	0.010	-	-	-
2,4,6-Trichlorophenol	ND	0.0031	0.010	-	-	-

(Cont.)



Quality Control Report

Client:	NRG Energy, LLC	WorkOrder:	2508818
Date Prepared:	08/14/2025	BatchID:	323646
Date Analyzed:	08/14/2025	Extraction Method:	E625.1
Instrument:	GC21, GC47	Analytical Method:	E625.1
Matrix:	Water	Unit:	µg/L
Project:	Semi Annual- 1 of 2; Marsh Landing (Clearway)	Sample ID:	MB/LCS/LCSD-323646

QC Summary Report for E625.1

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Surrogate Recovery						
2-Fluorophenol	2.7			5	54	30-130
Phenol-d5	1.9			5	39	20-130
Nitrobenzene-d5	4.1			5	81	60-130
2-Fluorobiphenyl	3.3			5	67	50-130
2,4,6-Tribromophenol	4.0			5	80	60-140
4-Terphenyl-d14	3.2			5	63	40-130



Quality Control Report

Client:	NRG Energy, LLC	WorkOrder:	2508818
Date Prepared:	08/14/2025	BatchID:	323646
Date Analyzed:	08/14/2025	Extraction Method:	E625.1
Instrument:	GC21, GC47	Analytical Method:	E625.1
Matrix:	Water	Unit:	µg/L
Project:	Semi Annual- 1 of 2; Marsh Landing (Clearway)	Sample ID:	MB/LCS/LCSD-323646

QC Summary Report for E625.1

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.20	0.22	0.25	80	87	60-132	8.80	25
Acenaphthylene	0.21	0.22	0.25	84	89	54-126	5.88	25
Anthracene	0.22	0.23	0.25	89	94	60-130	5.63	25
Benzidine	5.5	7.7	25	22	31	20-130	33.6,F2	25
Benzo (a) anthracene	0.23	0.25	0.25	91	99	60-130	8.07	25
Benzo (a) pyrene	0.23	0.24	0.25	90	94	60-130	4.09	25
Benzo (b) fluoranthene	0.21	0.24	0.25	85	97	60-130	12.9	25
Benzo (g,h,i) perylene	0.20	0.21	0.25	80	85	50-130	6.47	25
Benzo (k) fluoranthene	0.24	0.23	0.25	94	91	60-130	3.50	25
Benzyl Alcohol	19	20	25	75	80	60-130	6.07	25
Bis (2-chloroethoxy) methane	4.0	4.3	5	80	86	60-130	7.20	25
Bis (2-chloroethyl) ether	0.21	0.22	0.25	84	89	60-130	4.66	25
Bis (2-chloroisopropyl) ether	0.21	0.23	0.25	84	90	63-139	6.51	25
Bis (2-ethylhexyl) Adipate	4.0	4.3	5	79	86	60-130	8.08	25
Bis (2-ethylhexyl) Phthalate	0.25	0.27	0.25	99	106	60-130	7.25	25
4-Bromophenyl phenyl ether	4.0	4.2	5	80	84	65-120	4.23	25
Butylbenzyl Phthalate	0.24	0.26	0.25	96	104	60-140	7.49	25
4-Chloroaniline	0.22	0.23	0.25	87	92	60-130	5.21	25
4-Chloro-3-methylphenol	4.1	4.5	5	83	90	65-130	8.78	25
2-Chloronaphthalene	3.8	4.1	5	75	83	65-120	9.79	25
2-Chlorophenol	0.21	0.22	0.25	83	86	60-130	3.63	25
4-Chlorophenyl phenyl ether	4.1	4.3	5	82	86	65-130	5.58	25
Carbazole	4.8	5.0	5	96	100	70-130	4.12	25
Chrysene	0.21	0.22	0.25	85	87	70-130	2.30	25
Dibenzo (a,h) anthracene	0.20	0.21	0.25	79	85	50-130	6.40	25
n-Decane	3.1	3.5	5	62	70	30-130	12.1	25
Dibenzofuran	0.20	0.21	0.25	78	85	65-130	8.33	25
Di-n-butyl phthalate	0.23	0.24	0.25	92	96	60-130	3.97	25
1,2-Dichlorobenzene	3.6	3.8	5	71	76	60-130	6.21	25
1,3-Dichlorobenzene	3.4	3.8	5	69	75	60-130	9.01	25
1,4-Dichlorobenzene	3.5	3.7	5	69	74	60-130	6.94	25
3,3-Dichlorobenzidine	0.26	0.27	0.25	102	106	60-160	4.14	25
2,4-Dichlorophenol	0.23	0.24	0.25	90	94	70-130	4.29	25
Diethyl phthalate	0.21	0.22	0.25	85	89	65-130	4.14	25
2,4-Dimethylphenol	3.7	3.7	5	74	73	60-130	0.635	25
Dimethyl phthalate	0.18	0.20	0.25	74	79	60-130	7.02	25
4,6-Dinitro-2-methylphenol	21	23	25	85	90	60-130	6.24	25
2,4-Dinitrophenol	3.8	4.1	5	75	82	50-130	7.91	25

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Quality Control Report

Client:	NRG Energy, LLC	WorkOrder:	2508818
Date Prepared:	08/14/2025	BatchID:	323646
Date Analyzed:	08/14/2025	Extraction Method:	E625.1
Instrument:	GC21, GC47	Analytical Method:	E625.1
Matrix:	Water	Unit:	µg/L
Project:	Semi Annual- 1 of 2; Marsh Landing (Clearway)	Sample ID:	MB/LCS/LCSD-323646

QC Summary Report for E625.1

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
2,4-Dinitrotoluene	0.23	0.25	0.25	94	99	70-130	5.14	25
2,6-Dinitrotoluene	0.22	0.23	0.25	87	94	68-137	7.72	25
Di-n-octyl phthalate	4.4	4.7	5	87	94	70-130	7.01	25
1,2-Diphenylhydrazine	4.4	4.7	5	88	94	65-130	6.51	25
Fluoranthene	0.25	0.27	0.25	100	109	65-130	8.61	25
Fluorene	0.21	0.23	0.25	84	91	70-120	8.01	25
Hexachlorobenzene	0.18	0.19	0.25	73	78	60-130	6.50	25
Hexachlorobutadiene	0.16	0.18	0.25	65,F5	73	70-130	11.8	25
Hexachlorocyclopentadiene	15	17	25	60	69	50-130	14.1	25
Hexachloroethane	0.17	0.19	0.25	69	76	55-120	9.84	25
Indeno (1,2,3-cd) pyrene	0.20	0.22	0.25	81	87	50-130	7.36	25
1-Methylnaphthalene	0.21	0.23	0.25	84	90	65-130	7.07	25
Isophorone	4.3	4.5	5	86	90	50-130	4.35	25
2-Methylnaphthalene	0.23	0.24	0.25	92	96	60-130	4.06	25
2-Methylphenol (o-cresol)	3.9	3.9	5	77	78	60-130	0.904	25
3 & 4-Methylphenol (m,p-Cresol)	3.6	3.7	5	72	74	60-130	3.94	25
Naphthalene	0.20	0.21	0.25	80	85	70-130	6.33	25
2-Nitroaniline	23	24	25	93	97	65-130	4.31	25
3-Nitroaniline	23	24	25	91	95	70-140	5.21	25
4-Nitroaniline	25	26	25	99	103	70-130	3.65	25
Nitrobenzene	4.6	4.9	5	92	97	60-130	5.90	25
2-Nitrophenol	24	25	25	94	99	70-130	5.06	25
4-Nitrophenol	11	12	25	45	48	30-130	8.10	25
N-Nitrosodimethylamine	2.8	3.0	5	56	60	30-130	7.09	25
N-Nitrosodiphenylamine	4.2	4.4	5	85	89	65-130	4.79	25
N-Nitrosodi-n-propylamine	4.2	4.4	5	83	88	59-130	5.61	25
n-Octadecane	4.6	4.9	5	91	98	60-130	7.67	25
Pentachlorophenol	1.0	1.1	1.25	83	85	60-130	2.98	25
Phenanthrene	0.21	0.22	0.25	82	86	65-120	4.39	25
Phenol	0.41	0.43	1	41	43	30-120	6.18	25
Pyrene	0.21	0.22	0.25	82	89	70-120	7.32	25
Pyridine	1.8	1.9	5	37	39	30-130	5.26	25
1,2,4-Trichlorobenzene	3.6	4.0	5	72	79	60-130	9.19	25
2,4,5-Trichlorophenol	0.21	0.22	0.25	84	89	65-130	5.67	25
2,4,6-Trichlorophenol	0.21	0.23	0.25	85	91	60-130	7.23	25

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Quality Control Report

Client: NRG Energy, LLC	WorkOrder: 2508818
Date Prepared: 08/14/2025	BatchID: 323646
Date Analyzed: 08/14/2025	Extraction Method: E625.1
Instrument: GC21, GC47	Analytical Method: E625.1
Matrix: Water	Unit: µg/L
Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-323646

QC Summary Report for E625.1

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
2-Fluorophenol	2.9	3.0	5	58	60	30-130	3.54	25
Phenol-d5	1.9	2.0	5	39	39	20-130	1.32	25
Nitrobenzene-d5	4.8	5.0	5	97	100	60-130	3.64	25
2-Fluorobiphenyl	3.7	4.0	5	74	79	50-130	7.41	25
2,4,6-Tribromophenol	4.9	5.0	5	99	101	60-140	2.07	25
4-Terphenyl-d14	3.3	3.3	5	66	67	40-130	1.43	25



Quality Control Report

Client:	NRG Energy, LLC	WorkOrder:	2508818
Date Prepared:	08/20/2025	BatchID:	324052
Date Analyzed:	08/20/2025	Extraction Method:	E350.1
Instrument:	WC_SKALAR	Analytical Method:	E350.1
Matrix:	Water	Unit:	mg/L
Project:	Semi Annual- 1 of 2; Marsh Landing (Clearway)	Sample ID:	MB/LCS/LCSD-324052

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	3.7	4.0	4	93	100	90-110	6.79	10



Quality Control Report

Client: NRG Energy, LLC	WorkOrder: 2508818
Date Prepared: 08/20/2025	BatchID: 324032
Date Analyzed: 08/20/2025	Extraction Method: Kelada-01
Instrument: WC_Skalar3	Analytical Method: Kelada-01
Matrix: Water	Unit: µg/L
Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-324032 2508818-001CMS/MSD

QC Summary Report for Kelada-01

Analyte	MB Result	MDL	RL			
Total Cyanide	ND	0.74	1.0	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Total Cyanide	48	50	50	97	100	90-110	2.79	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Total Cyanide	1	50	50	50	1.0	99	98	80-120	0.677	20



Quality Control Report

Client: NRG Energy, LLC	WorkOrder: 2508818
Date Prepared: 08/14/2025	BatchID: 323677
Date Analyzed: 08/14/2025	Extraction Method: E420.4
Instrument: WC_SKALAR	Analytical Method: E420.4
Matrix: Water	Unit: µg/L
Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-323677

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	102	104	90-110	1.23	20



Certified Analyte List

Client: NRG Energy, LLC

WorkOrder: 2508818

Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)

Analyte	Cert 1	Cert 2	Cert 3	Cert 4	Cert 5	Analytical Method	Matrix
SGT-HEM	●	●	○	○	○	E1664A	Water
HEM	●	●	○	○	○	E1664A	Water
a-BHC	●	●	○	○	○	E608.3	Water
a-Chlordane	○	●	○	○	○	E608.3	Water
Aldrin	●	●	○	○	○	E608.3	Water
Aroclor1016	●	●	○	○	○	E608.3	Water
Aroclor1221	●	●	○	○	○	E608.3	Water
Aroclor1232	●	●	○	○	○	E608.3	Water
Aroclor1242	●	●	○	○	○	E608.3	Water
Aroclor1248	●	●	○	○	○	E608.3	Water
Aroclor1254	●	●	○	○	○	E608.3	Water
Aroclor1260	●	●	○	○	○	E608.3	Water
b-BHC	●	●	○	○	○	E608.3	Water
Chlordane (Technical)	●	●	○	○	○	E608.3	Water
d-BHC	●	●	○	○	○	E608.3	Water
Dieldrin	●	●	○	○	○	E608.3	Water
Endosulfan I	●	●	○	○	○	E608.3	Water
Endosulfan II	●	●	○	○	○	E608.3	Water
Endosulfan sulfate	●	●	○	○	○	E608.3	Water
Endrin aldehyde	●	●	○	○	○	E608.3	Water
Endrin	●	○	○	○	○	E608.3	Water
g-BHC	●	●	○	○	○	E608.3	Water
g-Chlordane	●	●	○	○	○	E608.3	Water
Heptachlor epoxide	●	●	○	○	○	E608.3	Water
Heptachlor	●	●	○	○	○	E608.3	Water
p,p-DDD	●	●	○	○	○	E608.3	Water
p,p-DDE	●	●	○	○	○	E608.3	Water
p,p-DDT	●	●	○	○	○	E608.3	Water
PCBs, total	○	○	○	○	○	E608.3	Water
Toxaphene	●	●	○	○	○	E608.3	Water
1,1,1-Trichloroethane	●	●	○	○	○	E624.1	Water
1,1,2,2-Tetrachloroethane	●	●	○	○	○	E624.1	Water
1,1,2-Trichloroethane	●	●	○	○	○	E624.1	Water
1,1-Dichloroethane	●	●	○	○	○	E624.1	Water
1,1-Dichloroethene	●	●	○	○	○	E624.1	Water
1,2-Dichlorobenzene	●	●	○	○	○	E624.1	Water
1,2-Dichloroethane (1,2-DCA)	●	●	○	○	○	E624.1	Water
1,2-Dichloropropane	●	●	○	○	○	E624.1	Water
1,3-Dichlorobenzene	●	●	○	○	○	E624.1	Water
1,4-Dichlorobenzene	●	●	○	○	○	E624.1	Water
Benzene	●	●	○	○	○	E624.1	Water
Bromodichloromethane	●	●	○	○	○	E624.1	Water
Bromoform	●	●	○	○	○	E624.1	Water
Bromomethane	●	●	○	○	○	E624.1	Water
Carbon tetrachloride	●	●	○	○	○	E624.1	Water
Chlorobenzene	●	●	○	○	○	E624.1	Water
Chloroethane	●	●	○	○	○	E624.1	Water
Chloroform	●	●	○	○	○	E624.1	Water
Chloromethane	●	●	○	○	○	E624.1	Water



Certified Analyte List

Client: NRG Energy, LLC

WorkOrder: 2508818

Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)

Analyte	Cert 1	Cert 2	Cert 3	Cert 4	Cert 5	Analytical Method	Matrix
cis-1,3-Dichloropropene	●	●	○	○	○	E624.1	Water
Dibromochloromethane	●	○	○	○	○	E624.1	Water
Ethylbenzene	●	●	○	○	○	E624.1	Water
Methylene chloride	●	●	○	○	○	E624.1	Water
Tetrachloroethene	●	●	○	○	○	E624.1	Water
Toluene	●	●	○	○	○	E624.1	Water
trans-1,2-Dichloroethene	○	●	○	○	○	E624.1	Water
trans-1,3-Dichloropropene	●	●	○	○	○	E624.1	Water
Trichloroethene	●	●	○	○	○	E624.1	Water
Trichlorofluoromethane	●	●	○	○	○	E624.1	Water
Vinyl chloride	●	○	○	○	○	E624.1	Water
2-Chloroethyl Vinyl Ether	●	●	○	○	○	E624.1	Water
Acrolein (Propenal)	●	●	○	○	○	E624.1	Water
Acrylonitrile	●	●	○	○	○	E624.1	Water
1,2,4-Trichlorobenzene	●	●	○	○	○	E625.1	Water
1,2-Dichlorobenzene	○	●	○	○	○	E625.1	Water
1,2-Diphenylhydrazine	○	○	○	○	○	E625.1	Water
1,3-Dichlorobenzene	○	●	○	○	○	E625.1	Water
1,4-Dichlorobenzene	○	●	○	○	○	E625.1	Water
2,4,6-Trichlorophenol	●	●	○	○	○	E625.1	Water
2,4-Dichlorophenol	●	●	○	○	○	E625.1	Water
2,4-Dimethylphenol	●	●	○	○	○	E625.1	Water
2,4-Dinitrophenol	●	●	○	○	○	E625.1	Water
2,4-Dinitrotoluene	●	●	○	○	○	E625.1	Water
2,6-Dinitrotoluene	●	●	○	○	○	E625.1	Water
2-Chloronaphthalene	●	●	○	○	○	E625.1	Water
2-Chlorophenol	●	●	○	○	○	E625.1	Water
2-Nitrophenol	●	●	○	○	○	E625.1	Water
3,3-Dichlorobenzidine	●	●	○	○	○	E625.1	Water
4,6-Dinitro-2-methylphenol	●	●	○	○	○	E625.1	Water
4-Bromophenyl Phenyl Ether	●	●	○	○	○	E625.1	Water
4-Chloro-3-methylphenol	●	●	○	○	○	E625.1	Water
4-Chlorophenyl Phenyl Ether	●	●	○	○	○	E625.1	Water
4-Nitrophenol	●	●	○	○	○	E625.1	Water
Acenaphthene	●	●	○	○	○	E625.1	Water
Acenaphthylene	●	●	○	○	○	E625.1	Water
Anthracene	●	●	○	○	○	E625.1	Water
Benzidine	●	●	○	○	○	E625.1	Water
Benzo (a) anthracene	●	●	○	○	○	E625.1	Water
Benzo (a) pyrene	●	●	○	○	○	E625.1	Water
Benzo (b) fluoranthene	●	●	○	○	○	E625.1	Water
Benzo (g,h,i) perylene	●	●	○	○	○	E625.1	Water
Benzo (k) fluoranthene	●	●	○	○	○	E625.1	Water
Bis (2-chloroethoxy) Methane	●	●	○	○	○	E625.1	Water
Bis (2-chloroethyl) Ether	●	●	○	○	○	E625.1	Water
Bis (2-chloroisopropyl) Ether	●	●	○	○	○	E625.1	Water
Bis (2-ethylhexyl) Phthalate	●	●	○	○	○	E625.1	Water
Butylbenzyl Phthalate	●	●	○	○	○	E625.1	Water
Chrysene	●	●	○	○	○	E625.1	Water



Certified Analyte List

Client: NRG Energy, LLC

WorkOrder: 2508818

Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)

Analyte	Cert 1	Cert 2	Cert 3	Cert 4	Cert 5	Analytical Method	Matrix
Dibenzo (a,h) anthracene	●	●	○	○	○	E625.1	Water
Diethyl Phthalate	●	●	○	○	○	E625.1	Water
Dimethyl Phthalate	●	●	○	○	○	E625.1	Water
Di-n-butyl Phthalate	●	●	○	○	○	E625.1	Water
Di-n-octyl Phthalate	●	●	○	○	○	E625.1	Water
Fluoranthene	●	●	○	○	○	E625.1	Water
Fluorene	●	●	○	○	○	E625.1	Water
Hexachlorobenzene	●	●	○	○	○	E625.1	Water
Hexachlorobutadiene	●	●	○	○	○	E625.1	Water
Hexachlorocyclopentadiene	●	●	○	○	○	E625.1	Water
Hexachloroethane	●	●	○	○	○	E625.1	Water
Indeno (1,2,3-cd) pyrene	●	●	○	○	○	E625.1	Water
Isophorone	●	●	○	○	○	E625.1	Water
Naphthalene	●	●	○	○	○	E625.1	Water
Nitrobenzene	●	●	○	○	○	E625.1	Water
N-Nitrosodimethylamine	○	○	○	○	○	E625.1	Water
N-Nitrosodi-n-propylamine	●	●	○	○	○	E625.1	Water
N-Nitrosodiphenylamine	●	●	○	○	○	E625.1	Water
Pentachlorophenol	●	●	○	○	○	E625.1	Water
Phenanthrene	●	●	○	○	○	E625.1	Water
Phenol	●	●	○	○	○	E625.1	Water
Pyrene	●	●	○	○	○	E625.1	Water
Ammonia, total as N	●	●	○	○	○	E350.1	Water
Total Cyanide	●	●	○	○	○	Kelada-01	Water
Phenolics	●	●	○	○	○	E420.4	Water

Certifications

Cert 1 CA ELAP 1644
 Cert 2 ORELAP (NELAP) 4033

The Certified Analyte Report lists the compounds for which MAI is accredited at the time of issuance. Although MAI holds multiple accreditations, methods with extensive compound lists may not be fully accredited due to state agency availability.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2508818

ClientCode: GOA

QuoteID: 244708

- WaterTrax
 CLIP
 EDF
 EQulS
 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.
PO: 4501937084
Project: Semi Annual- 1 of 2; Marsh Landing
(Clearway)

Bill to:

Accounts Payable
NRG
112 Telly Street
New Roads, LA 70760
invoices@clearwayenergy.coupahost.co

Requested TAT: 5 days;

Date Received: 08/13/2025

Date Logged: 08/13/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
2508818-001	IW-001 ML25-082 Grab	Water	8/13/2025 10:00	<input type="checkbox"/>		A									A		
2508818-001	IW-001 ML25-083 Grab	Water	8/13/2025 10:00	<input type="checkbox"/>	B												
2508818-001	IW-001 ML25-084 Grab	Water	8/13/2025 10:00	<input type="checkbox"/>								C					
2508818-001	IW-001 ML25-085 Grab	Water	8/13/2025 10:00	<input type="checkbox"/>									D				
2508818-001	IW-001 ML25-086 C-24	Water	8/13/2025 10:00	<input type="checkbox"/>							E			E			
2508818-001	IW-001 ML25-087 Grab	Water	8/13/2025 10:00	<input type="checkbox"/>			G										
2508818-001	IW-001 ML25-088 Grab	Water	8/13/2025 10:00	<input type="checkbox"/>				H									
2508818-001	IW-001 ML25-089 Grab	Water	8/13/2025 10:00	<input type="checkbox"/>					I								
2508818-001	IW-001 ML25-090 Grab	Water	8/13/2025 10:00	<input type="checkbox"/>						F							

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_W
9	PHENOLICS_W	10	PRDisposal Fee	11		12	

Project Manager: Jennifer Lagerbom

Prepared by: Gemma Gomez

The following SampID: 001C contains testgroup CN_W (WW).

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.



WORK ORDER SUMMARY

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

Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)

Work Order: 2508818
QC Level: LEVEL 2
Date Logged: 8/13/2025

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

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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 ML25-082 Grab	Water	E1664A (HEM; Oil & Grease w/o S.G. Clean-Up)	1	(1LA w/ HCl + 1aVOA w/HCL)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8/13/2025 10:00	5 days	8/20/2025	Present	<input type="checkbox"/>	<input type="checkbox"/>
001B	IW-001 ML25-083 Grab	Water	E1664A (SGT- HEM; Non-polar Material)	1	(1LA w/ HCl + 1aVOA w/HCL)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8/13/2025 10:00	5 days	8/20/2025	Present	<input type="checkbox"/>	<input type="checkbox"/>
001C	IW-001 ML25-084 Grab	Water	Kelada-01 (Cyanide, Total)	1	250mL aHDPE w/ NaOH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8/13/2025 10:00	5 days	8/20/2025	Present	<input type="checkbox"/>	<input type="checkbox"/>
001D	IW-001 ML25-085 Grab	Water	E420.4 (Phenolics)	1	250mL aG w/ H2SO4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8/13/2025 10:00	5 days	8/20/2025	Present	<input type="checkbox"/>	<input type="checkbox"/>
001E	IW-001 ML25-086 Grab	Water	E350.1 (Ammonia)	1	250mL aG w/ H2SO4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8/13/2025 10:00	5 days	8/20/2025	Present	<input type="checkbox"/>	<input type="checkbox"/>

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.



WORK ORDER SUMMARY

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

Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)

Work Order: 2508818
QC Level: LEVEL 2
Date Logged: 8/13/2025

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

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Table with columns: 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. Row 1: 001F, IW-001 ML25-090 Grab, 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-

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).

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WORK ORDER SUMMARY

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

Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)

Work Order: 2508818
QC Level: LEVEL 2
Date Logged: 8/13/2025

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

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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.
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WORK ORDER SUMMARY

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

Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)

Work Order: 2508818
QC Level: LEVEL 2
Date Logged: 8/13/2025

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

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 ML25-087 Grab	Water	E608.3 (OC Pesticides+PCBs w/ Florisil Clean-up) <a-BHC_1, a-Chlordane_1, Aldrin_1, Aroclor1016_1, Aroclor1221_1, Aroclor1232_1, Aroclor1242_1, Aroclor1248_1, Aroclor1254_1, Aroclor1260_1, 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, g-Chlordane_1, Heptachlor epoxide_1, Heptachlor_1, p,p-DDD_1, p,p-DDE_1, p,p-DDT_1, PCBs, total_1, Toxaphene_1>	1	1LA, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8/13/2025 10:00	5 days	8/20/2025	Present	<input type="checkbox"/>	<input type="checkbox"/>

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).

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



WORK ORDER SUMMARY

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

Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)

Work Order: 2508818
QC Level: LEVEL 2
Date Logged: 8/13/2025

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

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
001H	IW-001 ML25-088 Grab	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>	2	VOA w/ HCl	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8/13/2025 10:00	5 days	8/20/2025	Present	<input type="checkbox"/>	<input type="checkbox"/>
001I	IW-001 ML25-089 Grab	Water	E624.1 (ACRO, ACRY, & 2-CEVE) <2-Chloroethyl Vinyl Ether, Acrolein (Propenal), Acrylonitrile>	2	VOA, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8/13/2025 10:00	5 days	8/20/2025	Present	<input type="checkbox"/>	<input type="checkbox"/>

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).

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Sample Receipt Checklist

Client Name: NRG Energy, LLC
 Project: Semi Annual- 1 of 2; Marsh Landing (Clearway)
 WorkOrder No: 2508818 Matrix: Water
 Carrier: Client Drop-In

Date and Time Received: 8/13/2025 12:11
 Date Logged: 8/13/2025
 Received by: Lilly Ortiz
 Logged by: Gemma Gomez

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
COC agrees with Quote?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
COC quote NOT expired?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

(Ice Type: WET ICE)

Sample/Temp Blank temperature		Temp: 5.2°C	NA <input type="checkbox"/>
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
pH acceptable upon receipt (Metal: <2)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:



Industrial User Report Checklist And Certification Statement Form

Attn:	Miracle Odurukwe
Environmental Compliance Specialist	
Environmental Specialist Phone	(925) 756-1929
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.



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

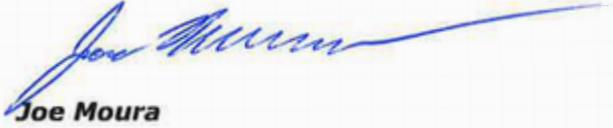
All violations will be discussed in the cover letter of the Self-Monitoring Report.

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.

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

Sincerely,

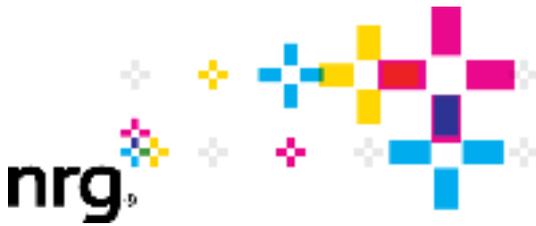


Joe Moura
Plant Manager
NRG Marsh Landing, LLC
Marsh Landing Generating Station

Attachments

Table 1: Quarterly Results for Combined Wastewater (FAC Combined)
Table 2: October 2025 Monthly Flow Data
Table 3: November 2025 Monthly Flow Data
Table 4: December 2025 Monthly Flow Data

Attachment 1: pH COC
Attachment 2: Analytical Reports



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

January 7, 2026

Mr. Miracle Odurukwe
Delta Diablo
2500 Pittsburg-Antioch Highway
Antioch, CA 94509-1373

**Subject: 2025 Fourth Quarterly (October 1-December 31) Self-Monitoring Report
NRG Marsh Landing, LLC, Marsh Landing Generating Station,
Industrial Wastewater Discharge Permit 0311963-S**

This letter documents the transmittal of the 2025 Fourth 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 October 1 through December 31, 2025. This report includes monthly flow data and quarterly analytical data required to be collected in 2025. 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.



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	October 1-December 31, 2025

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).

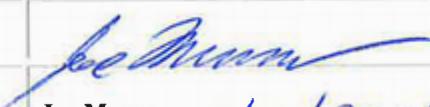
Duly Authorized Representative Signature	
Duly Authorized Representative Print	Joe Moura 1/7/2026
Date	

Table 1 - Quarterly Analytical Results
Quarterly Results for Combined Wastewater (FAC Combined)

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	IW-001
Sample Station Description	Combined Wastewater Below Ground
Reporting Period	October - December 2025
Report Type	Quarterly

Constituent	Sample Date	Permit Limit	Result	Units
Field pH	11/5/2025	6-10	8.2	S.U.
BOD	11/5/2025	-	7.9	mg/L
COD	11/5/2025	-	46.7	mg/L
Arsenic	11/5/2025	0.15	ND	mg/L
Cadmium	11/5/2025	0.1	ND	mg/L
Chromium	11/5/2025	0.5	0.00192 J	mg/L
Copper	11/5/2025	0.5	0.0256	mg/L
Iron	11/5/2025	-	0.37	mg/L
Lead	11/5/2025	0.5	ND	mg/L
Mercury	11/5/2025	0.003	ND	mg/L
Molybdenum	11/5/2025	-	0.00153 J	mg/L
Nickel	11/5/2025	0.5	0.00628	mg/L
Selenium	11/5/2025	0.25	ND	mg/L
Silver	11/5/2025	0.2	ND	mg/L
Zinc	11/5/2025	1.0	0.104	mg/L
TDS	11/5/2025	-	254	mg/L
TSS	11/5/2025	-	21.0	mg/L

J = The reported concentration is an estimated value.

mg/L = Milligrams per liter

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

S.U. = Standard units

Table 2
 October 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	SouthWest Corner of Admin Building
Sample Station Description	Flow Monitoring Structure
Reporting Period	October, 2025
Report Type	Quarterly
Constituent	Flow
Sample Type	Continuously Measured (Rosemount 8705 Flanged Magnetic Flow Meter)
Sample Date	10/1/2025 - 10/31/2025
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	-	0.00	
2	428	16.29	
3	-	0.00	
4	4,454	20.52	
5	-	0.00	
6	5,966	19.41	
7	9,090	19.54	
8	5,162	19.46	
9	2,927	19.07	
10	394	14.87	
11	-	0.00	
12	-	0.00	
13	5,477	20.63	
14	3,289	19.09	
15	4,806	20.82	
16	10,746	19.37	
17	-	0.00	
18	-	0.00	
19	-	0.00	
20	-	0.00	
21	462	16.07	
22	-	0.00	
23	4,081	20.05	
24	9,372	19.93	
25	-	0.00	
26	-	0.00	
27	476	17.12	
28	5,862	19.69	
29	-	0.00	
30	-	0.00	
31	-	0.00	

Total Monthly Flow (gal)	72,992	Did flow exceed limits?	NO
Daily Max Flow (gpd)	10,746	Flow above daily max (30,240 gpd)?	NO
Average Monthly Flow (gpd)	2,355		

Table 3
 November 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
Flow Station Location	SouthWest Corner of Admin Building
Flow Station Description	Flow Monitoring Structure
Reporting Period	November, 2025
Report Type	Quarterly
Constituent	Flow
Sample Type	Continuously Measured (Rosemount 8705 Flanged Magnetic Flow Meter)
Sample Date	11/1/2025 - 11/30/2025
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	622	16.24	
2	-	0.00	
3*	-	0.00	
4	9,976	12.17	
5	13,710	10.10	
6	10,895	19.35	
7	394	22.14	
8	-	0.00	
9	-	0.00	
10	4,724	20.49	
11	-	0.00	
12	-	0.00	
13	13,236	20.31	
14	-	0.00	
15	-	0.00	
16	-	0.00	
17	-	0.00	
18	4,137	20.81	
19	-	0.00	
20	9,147	19.60	
21	4,762	19.20	
22	5,111	19.08	
23	477	16.41	
24	739	15.20	
25	-	0.00	
26	17,240	20.22	
27	9,415	19.08	
28	420	16.05	
29	-	0.00	
30	-	0.00	

* - Nov 3rd Includes 25 hours of flow data -- Time Change

Total Monthly Flow (gal)	105,007	Did flow exceed limits?	NO
Daily Max Flow (gpd)	17,240	Flow above daily max (30,240 gpd)?	NO
Average Monthly Flow (gpd)	3,500		

Table 4
 December 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
Flow Station Location	SouthWest Corner of Admin Building
Flow Station Description	Flow Monitoring Structure
Reporting Period	December, 2025
Report Type	Quarterly
Constituent	Flow
Sample Type	Continuously Measured (Rosemount 8705 Flanged Magnetic Flow Meter)
Sample Date	12/1/2025 - 12/31/2025
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	-	0.00	
2	-	0.00	
3	4,942	20.72	
4	6,382	19.08	
5	-	0.00	
6	-	0.00	
7	-	0.00	
8	-	0.00	
9	525	13.10	
10	-	0.00	
11	-	0.00	
12	8,987	20.04	
13	13,104	19.23	
14	-	0.00	
15	495	15.59	
16	-	0.00	
17	-	0.00	
18	-	0.00	
19	4,270	20.21	
20	447	17.68	
21	-	0.00	
22	4,108	19.97	
23	8,197	19.11	
24	344	18.97	
25	-	0.00	
26	4,821	19.07	
27	431	14.45	
28	5,820	20.04	
29	-	0.00	
30	-	0.00	
31	295	15.54	

Total Monthly Flow (gal)	63,169	Did flow exceed limits?	NO
Daily Max Flow (gpd)	13,104	Flow above daily max (30,240 gpd)?	NO
Average Monthly Flow (gpd)	2,038		

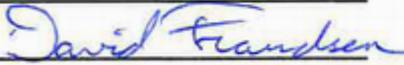
Marsh Landing Generating Station

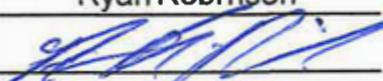
Reported to:
Environmental Engineer

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	ML25-143	11/5/25	1030	11/5/25	1030	Wastewater	Grab	8.2
							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: 
Date: Nov. 10 2025

Sampling Technologist: Ryan Robinson
Signature: 
Date: 11/5/2025



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2511249

Report Created for: NRG

112 Telly Street
New Roads, LA 70760

Project Contact: David Frandsen

Project P.O.: 4501937084

Project: Quarterly; Marsh Landing (Clearway)

Project Location: Antioch, CA

Project Received: 11/05/2025

Analytical Report reviewed & approved for release on 11/14/2025 by:

Yen Cao

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 regulatory standards, where applicable, unless otherwise stated.





Glossary of Terms & Qualifier Definitions

Client: NRG

WorkOrder: 2511249

Project: Quarterly; Marsh Landing (Clearway)

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 IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % 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 below 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

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.



Glossary of Terms & Qualifier Definitions

Client: NRG

WorkOrder: 2511249

Project: Quarterly; Marsh Landing (Clearway)

SPK Val	Spike Value
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.
S	Surrogate recovery outside accepted recovery limits.
b1	Aqueous sample that contains greater than ~1 vol. % sediment.
c1	Surrogate recovery outside of the control limits due to the dilution of the sample.



Analytical Report

Client: NRG
Date Received: 11/05/2025 12:20
Date Prepared: 11/05/2025
Project: Quarterly; Marsh Landing (Clearway)

WorkOrder: 2511249
Extraction Method: SM5210 B
Analytical Method: SM5210 B
Unit: mg/L

Biochemical Oxygen Demand (BOD)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001 ML25-129 C24	2511249-001B	Water	11/05/2025 10:30	WetChem	329472

Analytes	Result	MDL	RL	DF	Date Analyzed
BOD	7.9	4.0	4.0	2	11/10/2025 13:55

Analyst(s): LSE

Analytical Comments: b1



Analytical Report

Client: NRG **WorkOrder:** 2511249
Date Received: 11/05/2025 12:20 **Extraction Method:** E200.8
Date Prepared: 11/05/2025 **Analytical Method:** E200.8
Project: Quarterly; Marsh Landing (Clearway) **Unit:** mg/L

Metals (>1% Sediment Content)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001 ML25-132 C24	2511249-001E	Water	11/05/2025 10:30	ICP-MS4 119SMPL.d	329390

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Arsenic	ND		0.00042	0.00250	1	11/06/2025 11:31
Cadmium	ND		0.00024	0.00250	1	11/06/2025 11:31
Chromium	0.00192	J	0.0013	0.00250	1	11/06/2025 11:31
Copper	0.0256		0.0011	0.00250	1	11/06/2025 11:31
Iron	0.374		0.034	0.250	1	11/06/2025 11:31
Lead	ND		0.00066	0.00250	1	11/06/2025 11:31
Mercury	ND		0.00011	0.000250	1	11/06/2025 11:31
Molybdenum	0.00153	J	0.00048	0.00250	1	11/06/2025 11:31
Nickel	0.00628		0.00093	0.00250	1	11/06/2025 11:31
Selenium	ND		0.0012	0.00250	1	11/06/2025 11:31
Silver	ND		0.00030	0.00250	1	11/06/2025 11:31
Zinc	0.104		0.0092	0.0250	1	11/06/2025 11:31

Surrogates	REC (%)	Limits	DF	Date Analyzed
Terbium	109	70-130	1	11/06/2025 11:31

Analyst(s): AL **Analytical Comments:** b1



Analytical Report

Client: NRG
Date Received: 11/05/2025 12:20
Date Prepared: 11/10/2025
Project: Quarterly; Marsh Landing (Clearway)

WorkOrder: 2511249
Extraction Method: SM4500-S⁻² D
Analytical Method: SM4500 S⁻² D
Unit: mg/L

Total Sulfide - S

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001 ML25-134 Grab	2511249-002A	Water	11/05/2025 10:30	SPECTROPHOTOMETER2	329725

Analytes	Result	MDL	RL	DF	Date Analyzed
Total Sulfide	ND	0.023	0.100	1	11/10/2025 18:38

Analyst(s): AHE



Analytical Report

Client: NRG
Date Received: 11/05/2025 12:20
Date Prepared: 11/11/2025
Project: Quarterly; Marsh Landing (Clearway)

WorkOrder: 2511249
Extraction Method: SM2540 C
Analytical Method: SM2540 C
Unit: mg/L

Total Dissolved Solids

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-001 ML25-130 C24	2511249-001C	Water	11/05/2025 10:30	WetChem	329835

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Total Dissolved Solids	254	10.0	10.0	1	11/11/2025 20:30

Analyst(s): ACH

Analytical Comments: b1



Quality Control Report

Client: NRG	WorkOrder: 2511249
Date Prepared: 11/05/2025	BatchID: 329443
Date Analyzed: 11/05/2025	Extraction Method: E300.1
Instrument: IC4	Analytical Method: E300.1
Matrix: Water	Unit: mg/L
Project: Quarterly; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-329443

QC Summary Report for E300.1

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Sulfate	ND	0.036	0.10	-	-	-
Surrogate Recovery						
Malonate	0.10			0.1	102	90-115

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Sulfate	0.98	0.97	1	98	97	85-115	1.20	20
Surrogate Recovery								
Malonate	0.097	0.097	0.10	97	97	90-115	0.386	20



Quality Control Report

Client: NRG	WorkOrder: 2511249
Date Prepared: 11/05/2025	BatchID: 329472
Date Analyzed: 11/10/2025	Extraction Method: SM5210 B
Instrument: WetChem	Analytical Method: SM5210 B
Matrix: Water	Unit: mg/L
Project: Quarterly; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-329472

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	180	180	198	91	93	84-115	2.20	16



Quality Control Report

Client: NRG	WorkOrder: 2511249
Date Prepared: 11/06/2025	BatchID: 329537
Date Analyzed: 11/06/2025	Extraction Method: SM5220 D
Instrument: SPECTROPHOTOMETER2	Analytical Method: SM5220 D
Matrix: Water	Unit: mg/L
Project: Quarterly; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-329537

QC Summary Report for COD

Analyte	MB Result	MDL	RL			
COD	ND	6.50	10.0	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
COD	104	104	100	105	105	90-110	0	20



Quality Control Report

Client: NRG	WorkOrder: 2511249
Date Prepared: 11/05/2025	BatchID: 329390
Date Analyzed: 11/06/2025	Extraction Method: E200.8
Instrument: ICP-MS4	Analytical Method: E200.8
Matrix: Water	Unit: µg/L
Project: Quarterly; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-329390

QC Report for Metals (>1% Sediment Content)

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Arsenic	ND	0.420	2.50	-	-	-
Cadmium	ND	0.240	2.50	-	-	-
Chromium	ND	1.30	2.50	-	-	-
Copper	ND	1.10	2.50	-	-	-
Iron	ND	34.0	250	-	-	-
Lead	ND	0.660	2.50	-	-	-
Mercury	ND	0.110	0.250	-	-	-
Molybdenum	ND	0.480	2.50	-	-	-
Nickel	ND	0.930	2.50	-	-	-
Selenium	ND	1.20	2.50	-	-	-
Silver	ND	0.300	2.50	-	-	-
Zinc	ND	9.20	25.0	-	-	-

Surrogate Recovery

Terbium	2710	2500	108	70-130
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Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Arsenic	257	255	250	103	102	85-115	0.637	20
Cadmium	257	253	250	103	101	85-115	1.64	20
Chromium	261	257	250	104	103	85-115	1.60	20
Copper	262	258	250	105	103	85-115	1.54	20
Iron	26,600	26,300	25000	106	105	85-115	1.12	20
Lead	261	252	250	104	101	85-115	3.40	20
Mercury	6.56	6.46	6.25	105	103	85-115	1.46	20
Molybdenum	264	257	250	106	103	85-115	2.64	20
Nickel	262	260	250	105	104	85-115	0.718	20
Selenium	265	263	250	106	105	85-115	0.475	20
Silver	258	252	250	103	101	85-115	2.21	20
Zinc	2610	2570	2500	105	103	85-115	1.60	20

Surrogate Recovery

Terbium	2690	2660	2500	108	106	70-130	1.16	20
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Quality Control Report

Client: NRG	WorkOrder: 2511249
Date Prepared: 11/10/2025	BatchID: 329725
Date Analyzed: 11/10/2025	Extraction Method: SM4500-S ⁻² D
Instrument: SPECTROPHOTOMETER2	Analytical Method: SM4500 S ⁻² D
Matrix: Water	Unit: mg/L
Project: Quarterly; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-329725

QC Summary Report For SM4500 S-2D

Analyte	MB Result	MDL	RL			
Total Sulfide	ND	0.0230	0.100	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Total Sulfide	0.493	0.512	0.50	99	103	90-110	3.89	20



Quality Control Report

Client: NRG	WorkOrder: 2511249
Date Prepared: 11/11/2025	BatchID: 329835
Date Analyzed: 11/11/2025	Extraction Method: SM2540 C
Instrument: WetChem	Analytical Method: SM2540 C
Matrix: Water	Unit: mg/L
Project: Quarterly; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-329835

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	952	950	1000	95	95	80-120	0.210	10



Quality Control Report

Client: NRG	WorkOrder: 2511249
Date Prepared: 11/06/2025	BatchID: 329546
Date Analyzed: 11/07/2025	Extraction Method: SM2540 D
Instrument: WetChem	Analytical Method: SM2540 D
Matrix: Water	Unit: mg/L
Project: Quarterly; Marsh Landing (Clearway)	Sample ID: MB/LCS/LCSD-329546

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	108	102	100	108	102	80-120	5.71	10



Certified Analyte List

Client: NRG

WorkOrder: 2511249

Project: Quarterly; Marsh Landing (Clearway)

Analyte	Cert 1	Cert 2	Cert 3	Cert 4	Cert 5	Analytical Method	Matrix
Sulfate	●	●	○	○	○	E300.1	Water
BOD	●	●	○	○	○	SM5210 B	Water
COD	●	●	○	○	○	SM5220 D	Water
Arsenic	●	●	○	○	○	E200.8	Water
Cadmium	●	●	○	○	○	E200.8	Water
Chromium	●	●	○	○	○	E200.8	Water
Copper	●	●	○	○	○	E200.8	Water
Iron	●	●	○	○	○	E200.8	Water
Lead	●	●	○	○	○	E200.8	Water
Mercury	○	●	○	○	○	E200.8	Water
Molybdenum	●	●	○	○	○	E200.8	Water
Nickel	●	●	○	○	○	E200.8	Water
Selenium	●	●	○	○	○	E200.8	Water
Silver	●	●	○	○	○	E200.8	Water
Zinc	●	●	○	○	○	E200.8	Water
Total Sulfide	○	●	○	○	○	SM4500 S ⁻² D	Water
Total Dissolved Solids	●	●	○	○	○	SM2540 C	Water
Total Suspended Solids	●	●	○	○	○	SM2540 D	Water

Certifications

- Cert 1 CA ELAP 1644
- Cert 2 ORELAP (NELAP) 4033

The Certified Analyte Report lists the compounds for which MAI is accredited at the time of issuance. Although MAI holds multiple accreditations, methods with extensive compound lists may not be fully accredited due to state agency availability.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2511249

ClientCode: NRG

QuoteID: 244708

- WaterTrax
 CLIP
 EDF
 EQUIS
 Dry-Weight
 Email
 HardCopy
 ThirdParty
 J-flag
 Detection Summary
 Excel

Report to:
David Frandsen
NRG
112 Telly Street
New Roads, LA 70760
FAX:

Email: David.Frandsen@nrg.com
cc/3rd Party: James.robinson@nrg.com; joe.moura@nrg
PO: 4501937084
Project: Quarterly; Marsh Landing (Clearway)

Bill to:
Accounts Payable
NRG
112 Telly Street
New Roads, LA 70760
invoices@clearwayenergy.coupahost.co

Requested TATs: 5 days;
7 days;
Date Received: 11/05/2025
Date Logged: 11/05/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2511249-001	IW-001 ML25-128 C24	Water	11/5/2025 10:30	<input type="checkbox"/>			A		A							
2511249-001	IW-001 ML25-129 C24	Water	11/5/2025 10:30	<input type="checkbox"/>		B										
2511249-001	IW-001 ML25-130 C24	Water	11/5/2025 10:30	<input type="checkbox"/>							C					
2511249-001	IW-001 ML25-131 C24	Water	11/5/2025 10:30	<input type="checkbox"/>								D				
2511249-001	IW-001 ML25-132 C24	Water	11/5/2025 10:30	<input type="checkbox"/>				E								
2511249-001	IW-001 ML25-133 C24	Water	11/5/2025 10:30	<input type="checkbox"/>	F											
2511249-002	IW-001 ML25-134 Grab	Water	11/5/2025 10:30	<input type="checkbox"/>					A	A						

Test Legend:

1	300_1_W	2	BOD_W	3	COD_W	4	METALSMS_TTLC_Sed(PPM)
5	PRDisposal Fee	6	SULFIDE_W	7	TDS_W	8	TSS_W
9		10		11		12	

Prepared by: Gemma Gomez

Comments:

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.



WORK ORDER SUMMARY

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

Project: Quarterly; Marsh Landing (Clearway)

Work Order: 2511249
QC Level: LEVEL 2
Date Logged: 11/5/2025

Comments:

WaterTrax CLIP EDF Excel EQUIS Email HardCopy ThirdParty J-flag

Table with columns: 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. Rows include tests like SM5220D (COD), SM5210 B (BOD), SM2540 C (TDS), SM2540 D (TSS), E200.8 (Metals), E300.1 (Inorganic Anions), and SM4500S2D (Total Sulfide).

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).
- 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.



Sample Receipt Checklist

Client Name: NRG
 Project: Quarterly; Marsh Landing (Clearway)
 WorkOrder No: 2511249 Matrix: Water
 Carrier: Client Drop-In

Date and Time Received: 11/5/2025 12:20
 Date Logged: 11/5/2025
 Received by: Valerie Alfaro
 Logged by: Gemma Gomez

Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
COC agrees with Quote?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
COC quote NOT expired?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

(Ice Type: WET ICE)

Sample/Temp Blank temperature		Temp: 3.3°C	NA <input type="checkbox"/>
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
pH acceptable upon receipt (Metal: <2)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments: