



Ms. Jennifer Splitt, Administrative Contracting Officer  
U. S. Department of Energy  
550 Main Street, Room 7-010  
Cincinnati, OH 45202

WD:2026:0305  
April 21, 2026

Attn: Jennifer M. Dundas

SUBJECT: West Valley Cleanup Alliance (WVCA) Contract No. 89303325DEM000121, Section J-4, Item 122, "State Pollutant Discharge Elimination System (SPDES) Discharge Monitoring Report (DMR) for the Period of March 1, 2026 through March 31, 2026" for SPDES Permit No. NY0000973, West Valley Demonstration Project (WVDP)

Dear Ms. Splitt:

This letter is being submitted by the West Valley Cleanup Alliance (WVCA) to inform the Contracting Officer Representative that the State Pollutant Discharge Elimination System (SPDES), Network Discharge Monitoring Report (NetDMR) for the West Valley Demonstration Project (WVDP) (Permit Number NY-0000973) and Net Iron calculation sheet, with the reporting period of March 1, through March 31, 2026, has been submitted electronically. A copy of the email confirmation from the New York State Department of Environmental Conservation (NYSDEC) is included with this letter.

If you have any questions, please contact Anna Carr at (716) 942-4865 or Linda Michalczak at (716) 942-4907.

Sincerely,

Jason L. Casper  
President and Program Manager  
JLC:AVC:mlv

Attachments: A) SPDES DMR for March 1 through March 31, 2026 Monitoring Period  
B) Whole Effluent Toxicity (WET) Testing Final Report for the March 2026 Discharge  
C) Email Confirmation from NYSDEC

cc: S. M. Bousquet, DOE-WVDP  
B. C. Bower, DOE-WVDP  
J. M. Dundas, DOE-WVDP  
W. T. Frederick, DOE-WVDP  
J. A. Miller, DOE-WVDP  
A. V. Carr, WVCA  
J. L. Casper, WVCA  
S. A. Cherry, WVCA  
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E. A. Lowes, WVCA  
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J. R. Schinzel, WVCA  
OITS, WVCA 2530489  
Records, WVCA  
DOE Support Staff, DOE-WVDP

**Attachment A**  
**WEST VALLEY DEMONSTRATION PROJECT (WVDP)**  
**STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (SPDES)**  
**DISCHARGE MONITORING REPORT (DMR)**  
**SPDES PERMIT NO. NY-0000973**  
  
**MARCH 1 THROUGH MARCH 31, 2026 MONITORING PERIOD**

**Attachment A**  
**WEST VALLEY DEMONSTRATION PROJECT**  
**SPDES DMR**  
**SPDES PERMIT NO. NY-0000973**  
**MARCH 1 THROUGH MARCH 31, 2026**

**SYNOPSIS**

The West Valley Cleanup Alliance (WVCA) has prepared this State Pollutant Discharge Elimination System (SPDES) Discharge Monitoring Report (DMR) for the West Valley Demonstration Project (WVDP), per the requirements of the SPDES Permit Number NY-0000973 for the March 1 through March 31, 2026 Monitoring Period. The Synopsis, Net Iron Calculations, and Online DMR are included as this Attachment (Attachment A). There were discharges from Outfall 001-M (monthly), 116-M (pseudo monitoring point at Franks Creek), and Sum-N (sum of outfalls). Discharges from internal Outfalls 007-M (sanitary cooling water, stormwater) and 01B-M (mercury pre-treatment) during this monitoring period did not occur.

The following table shows the WET Test results of the March WVDP Lagoon 3 discharge. The Lagoon 3 discharge from Outfall 001 complied with the permit limits for both the acceptability criteria of "Acute Toxicity" (TUa of  $\leq 0.3$  maximum) and "Chronic Toxicity" (TUC of  $\leq 1.0$  maximum) with the *Ceriodaphnia dubia* species.

***Ceriodaphnia dubia* Test Results**

Permittee name: West Valley Demonstration Project Permit number: NY0000973  
 Client sample ID: Outfall 001 Test Dates: 3/18/26 - 3/25/26

**Test Acceptability Criteria**

|                               |              |                                        |                              |
|-------------------------------|--------------|----------------------------------------|------------------------------|
| Lab Control Survival:         | <u>100</u> % | Mean Lab Control Reproduction:         | <u>29.6</u> young per female |
| Diluent Control Survival:     | <u>100</u> % | Mean Diluent Control Reproduction:     | <u>30.7</u> young per female |
| Thiosulfate Control Survival: | <u>N/A</u> % | Mean Thiosulfate Control Reproduction: | <u>N/A</u> young per female  |

Presence of an asterisk (\*) indicates EPA criteria was not met, see explanation in the "Results Discussion" section at the bottom of the following page.

**Test Results**

|              |                               | Permit Limit | Test Result | Pass/Fail Status |
|--------------|-------------------------------|--------------|-------------|------------------|
| Acute Data   | 48 hr LC50                    |              | >100%       |                  |
|              | 48 hr NOEC                    |              | 100%        |                  |
|              | TUa                           | $\leq 0.3$   | 0.3         | Pass             |
| Chronic Data | Chronic LC50                  |              | >100%       |                  |
|              | Survival C-NOEC               |              | 100%        |                  |
|              | Survival C-LOEC               |              | >100%       |                  |
|              | Survival IC25                 |              | >100%       |                  |
|              | Survival TUC <sup>1</sup>     | $\leq 1.0$   | 1.0         | Pass             |
|              | Reproduction C-NOEC           |              | 100%        |                  |
|              | Reproduction C-LOEC           |              | >100%       |                  |
|              | Reproduction IC25             |              | >100%       |                  |
|              | Reproduction TUC <sup>1</sup> | $\leq 1.0$   | 1.0         | Pass             |
|              | MATC                          |              | >100%       |                  |
|              | Reportable TUC                | $\leq 1.0$   | 1.0         | Pass             |

<sup>1</sup> TUC corresponding to the lowest NOEC or IC25

**Attachment A (continued)**  
**WEST VALLEY DEMONSTRATION PROJECT**  
**SPDES DMR**  
**SPDES PERMIT NO. NY-0000973**  
**MARCH 1 THROUGH MARCH 31, 2026**

**NET IRON EFFLUENT CONCENTRATION CALCULATIONS**

$$\text{OUTFALL 001} = M1 = \frac{(X1 + X2) V1}{2} = 586,759.65 \text{ mg/month}$$

$$\begin{aligned} X1 &= 0.0875 \text{ mg/L} \\ X2 &= 0.0774 \text{ mg/L} \\ V1 &= 7,118,709.68 \text{ L/month} \end{aligned}$$

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$$\text{OUTFALL 007} = M7 = \frac{(X1 + X2) V7}{2} = 0.00 \text{ mg/month}$$

$$\begin{aligned} X1 &= 0.00 \text{ mg/L} \\ X2 &= 0.00 \text{ mg/L} \\ V7 &= 0.00 \text{ L/month} \end{aligned}$$

Note: There was no discharge from outfall 007 during this monitoring period.

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$$\text{RAW WATER} = MRW = \frac{(X1 + X2) VRW}{2} = 0.00 \text{ mg/month}$$

$$\begin{aligned} X1 &= 0.00 \text{ mg/L} \\ X2 &= 0.00 \text{ mg/L} \\ VRW &= 0.00 \text{ L/month} \end{aligned}$$

Note: Raw water from the reservoir system is no longer used for process water since the site installed two groundwater wells. This eliminated the need to collect raw water samples on a weekly basis and altered the iron discharge concentration equation as the mass of iron entering the system is no longer necessary.

$$\text{IRON DISCHARGE CONCENTRATION} = \frac{M1 + M7 - MRW}{V1 + V7} = 0.082 \text{ mg/L}$$

**Attachment A (continued)**  
**WEST VALLEY DEMONSTRATION PROJECT**  
**SPDES DMR**  
**SPDES PERMIT NO. NY-0000973**  
**MARCH 1 THROUGH MARCH 31, 2026**

**TOTAL DISSOLVED SOLIDS (TDS) CONCENTRATION CALCULATION**  
**(MONITORING POINT 116)**

Date: March 11, 2026

$$\begin{aligned} C4 &= ((Q1)(C1) + (Q2)(C2) + (Q3)(C3))/Q4 \\ &= (0.206 \text{ million gallons per day [MGD]}) (671 \text{ mg/L}) + (1.175 \text{ MGD}) (320 \text{ mg/L}) + (0.403 \text{ MGD})(124 \text{ mg/L})/1.784 \text{ MGD} \\ &= 316 \text{ mg/L} \end{aligned}$$

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Date: March 21, 2026

$$\begin{aligned} C4 &= ((Q1)(C1) + (Q2)(C2) + (Q3)(C3))/Q4 \\ &= (0.206 \text{ million gallons per day [MGD]}) (655 \text{ mg/L}) + (1.865 \text{ MGD}) (201 \text{ mg/L}) + (0.403 \text{ MGD})(96 \text{ mg/L})/2.474 \text{ MGD} \\ &= 222 \text{ mg/L} \end{aligned}$$

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- Q1 = Flow at Outfall 001, million gallons per day (MGD).
- C1 = Total Dissolved Solids (TDS) concentration in Outfall 001 (mg/L).
- Q2 = Flow in Franks Creek (MGD) without Outfall 001, measured at WNSP006. Q2 is obtained just prior to and shortly after the discharge event.
- C2 = TDS concentration in Franks Creek (mg/L) measured at WNSP006 just prior to, and shortly after the discharge event, without Outfall 001.
- Q3 = Flow of augmentation water, MGD, if required.
- C3 = TDS concentration in augmentation water, MGD.
- Q4 = Q1 + Q2 + Q3, MGD (Flow in Franks Creek, including Outfall 001).
- C4 =  $\leq 500$  mg/L (calculated TDS concentration at 116 Franks Creek, which includes Outfall 001).

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:  
Major:

NY0000973  
Yes

Permittee:  
Permittee Address:

U.S. DEPT OF ENERGY  
1000 INDEPENDENCE AVE SW  
WASHINGTON, DC 20585

Facility:  
Facility Location:

WEST VALLEY DEMONSTRATION PROJ  
10282 ROCK SPRINGS ROAD  
WEST VALLEY, NY 14171-9799

Permitted Feature:

001  
External Outfall

Discharge:

001-M  
OUTFALL 001 MONTHLY PROC WW, GW, STORM

Report Dates & Status

Monitoring Period:

From 03/01/26 to 03/31/26

DMR Due Date:

04/28/26

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:  
Last Name:

Bryan  
Bower

Title:

Director-WVDP-DOE

Telephone:

716-942-4368

No Data Indicator (NODI)

Form NODI:

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| Parameter |                                | Monitoring Location | Season # | Param. NODI |             | Quantity or Loading |         |             |         |       | Quality or Concentration |         |             |                |             |                  |               | # of Ex.                | Frequency of Analysis   | Sample Type            |
|-----------|--------------------------------|---------------------|----------|-------------|-------------|---------------------|---------|-------------|---------|-------|--------------------------|---------|-------------|----------------|-------------|------------------|---------------|-------------------------|-------------------------|------------------------|
| Code      | Name                           |                     |          |             |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1              | Value 1 | Qualifier 2 | Value 2        | Qualifier 3 | Value 3          | Units         |                         |                         |                        |
| 00154     | Sulfate [as S]                 | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |         | =           | 40.0           | =           | 40.0             | 19 - mg/L     |                         | 01/BA - Once Per Batch  | 24 - 24 Hour Composite |
|           |                                |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         |             | Req Mon MO AVG |             | Req Mon DAILY MX | 19 - mg/L     |                         |                         |                        |
|           |                                |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             |                |             |                  |               |                         |                         |                        |
| 00181     | Oxygen demand, ultimate        | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |         | =           | 8.48           | =           | 10.7             | 19 - mg/L     |                         | 02/BA - Twice Per Batch | CA - Calculated        |
|           |                                |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         |             | Req Mon MO AVG | <=          | 22.0 DAILY MX    | 19 - mg/L     |                         |                         |                        |
|           |                                |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             |                |             |                  |               |                         |                         |                        |
| 00300     | Oxygen, dissolved [DO]         | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         | =     | 9.4                      |         |             |                | =           | 12.0             | 19 - mg/L     |                         | 02/BA - Twice Per Batch | GR - Grab              |
|           |                                |                     |          |             | Permit Req. |                     |         |             |         | >=    | 3.0 MINIMUM              |         |             |                |             | Req Mon MAXIMUM  | 19 - mg/L     |                         |                         |                        |
|           |                                |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             |                |             |                  |               |                         |                         |                        |
| 00310     | BOD, 5-day, 20 deg. C          | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | =       | 3.4         | =              | 4.46        | 19 - mg/L        |               | 02/BA - Twice Per Batch | 24 - 24 Hour Composite  |                        |
|           |                                |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         |             | Req Mon MO AVG | <=          | 10.0 DAILY MX    | 19 - mg/L     |                         |                         |                        |
|           |                                |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             |                |             |                  |               |                         |                         |                        |
| 00400     | pH                             | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         | =     | 8.0                      |         |             |                | =           | 8.0              | 12 - SU       |                         | 01/BA - Once Per Batch  | GR - Grab              |
|           |                                |                     |          |             | Permit Req. |                     |         |             |         | >=    | 6.5 MINIMUM              |         |             |                | <=          | 8.5 MAXIMUM      | 12 - SU       |                         |                         |                        |
|           |                                |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             |                |             |                  |               |                         |                         |                        |
| 00530     | Solids, total suspended        | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | <       | 4.0         | <              | 4.0         | 19 - mg/L        |               | 02/BA - Twice Per Batch | 24 - 24 Hour Composite  |                        |
|           |                                |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         |             | <=             | 30.0 MO AVG | <=               | 45.0 DAILY MX | 19 - mg/L               |                         |                        |
|           |                                |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             |                |             |                  |               |                         |                         |                        |
| 00545     | Solids, settleable             | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | <       | 0.1         | <              | 0.1         | 25 - mL/L        |               | 02/BA - Twice Per Batch | GR - Grab               |                        |
|           |                                |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         |             | Req Mon MO AVG | <=          | 0.3 DAILY MX     | 25 - mL/L     |                         |                         |                        |
|           |                                |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             |                |             |                  |               |                         |                         |                        |
| 00556     | Oil & Grease                   | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | <       | 1.61        | <              | 1.61        | 19 - mg/L        |               | 01/BA - Once Per Batch  | GR - Grab               |                        |
|           |                                |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         |             | Req Mon MO AVG | <=          | 15.0 DAILY MX    | 19 - mg/L     |                         |                         |                        |
|           |                                |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             |                |             |                  |               |                         |                         |                        |
| 00615     | Nitrogen, nitrite total [as N] | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | <       | 0.02        | <              | 0.02        | 19 - mg/L        |               | 01/BA - Once Per Batch  | 24 - 24 Hour Composite  |                        |
|           |                                |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         |             | Req Mon MO AVG | <=          | 0.1 DAILY MX     | 19 - mg/L     |                         |                         |                        |
|           |                                |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             |                |             |                  |               |                         |                         |                        |
| 00620     | Nitrogen, nitrate total [as N] | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | <       | 0.02        | <              | 0.02        | 19 - mg/L        |               | 01/BA - Once Per Batch  | 24 - 24 Hour Composite  |                        |
|           |                                |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         |             | Req Mon MO AVG |             | Req Mon DAILY MX | 19 - mg/L     |                         |                         |                        |
|           |                                |                     |          |             |             |                     |         |             |         |       |                          |         |             |                |             |                  |               |                         |                         |                        |

|       |                                          |                    |   |    |             |   |                |   |                  |          |  |  |    |                |    |                  |           |                         |                        |
|-------|------------------------------------------|--------------------|---|----|-------------|---|----------------|---|------------------|----------|--|--|----|----------------|----|------------------|-----------|-------------------------|------------------------|
|       |                                          |                    |   |    | Value NODI  |   |                |   |                  |          |  |  |    |                |    |                  |           |                         |                        |
| 00625 | Nitrogen, Kjeldahl, total [as N]         | 1 - Effluent Gross | 0 | -- | Sample      |   |                |   |                  |          |  |  | =  | 0.74           | =  | 0.87             | 19 - mg/L |                         |                        |
|       |                                          |                    |   |    | Permit Req. |   |                |   |                  |          |  |  |    | Req Mon MO AVG |    | Req Mon DAILY MX | 19 - mg/L | 02/BA - Twice Per Batch | 24 - 24 Hour Composite |
|       |                                          |                    |   |    | Value NODI  |   |                |   |                  |          |  |  |    |                |    |                  |           | 02/BA - Twice Per Batch | 24 - 24 Hour Composite |
| 00746 | Sulfide, dissolved, [as S]               | 1 - Effluent Gross | 0 | -- | Sample      |   |                |   |                  |          |  |  | <  | 0.03           | <  | 0.03             | 19 - mg/L |                         |                        |
|       |                                          |                    |   |    | Permit Req. |   |                |   |                  |          |  |  |    | Req Mon MO AVG | <= | 0.4 DAILY MX     | 19 - mg/L | 01/BA - Once Per Batch  | 24 - 24 Hour Composite |
|       |                                          |                    |   |    | Value NODI  |   |                |   |                  |          |  |  |    |                |    |                  |           | 01/BA - Once Per Batch  | 24 - 24 Hour Composite |
| 00978 | Arsenic, total recoverable               | 1 - Effluent Gross | 0 | -- | Sample      |   |                |   |                  |          |  |  | =  | 0.00059        | =  | 0.00059          | 19 - mg/L |                         |                        |
|       |                                          |                    |   |    | Permit Req. |   |                |   |                  |          |  |  |    | Req Mon MO AVG | <= | 0.15 DAILY MX    | 19 - mg/L | 01/BA - Once Per Batch  | 24 - 24 Hour Composite |
|       |                                          |                    |   |    | Value NODI  |   |                |   |                  |          |  |  |    |                |    |                  |           | 01/BA - Once Per Batch  | 24 - 24 Hour Composite |
| 00979 | Cobalt, total recoverable                | 1 - Effluent Gross | 0 | -- | Sample      |   |                |   |                  |          |  |  | <  | 0.0006         | <  | 0.0006           | 19 - mg/L |                         |                        |
|       |                                          |                    |   |    | Permit Req. |   |                |   |                  |          |  |  |    | Req Mon MO AVG | <= | 0.005 DAILY MX   | 19 - mg/L | 01/BA - Once Per Batch  | GR - Grab              |
|       |                                          |                    |   |    | Value NODI  |   |                |   |                  |          |  |  |    |                |    |                  |           | 01/BA - Once Per Batch  | GR - Grab              |
| 00981 | Selenium, total recoverable              | 1 - Effluent Gross | 0 | -- | Sample      |   |                |   |                  |          |  |  | <  | 0.0004         | <  | 0.0004           | 19 - mg/L |                         |                        |
|       |                                          |                    |   |    | Permit Req. |   |                |   |                  |          |  |  |    | Req Mon MO AVG | <= | 0.004 DAILY MX   | 19 - mg/L | 01/BA - Once Per Batch  | GR - Grab              |
|       |                                          |                    |   |    | Value NODI  |   |                |   |                  |          |  |  |    |                |    |                  |           | 01/BA - Once Per Batch  | GR - Grab              |
| 01045 | Iron, total [as Fe]                      | 1 - Effluent Gross | 0 | -- | Sample      |   |                |   |                  |          |  |  | =  | 0.082          | =  | 0.088            | 19 - mg/L |                         |                        |
|       |                                          |                    |   |    | Permit Req. |   |                |   |                  |          |  |  |    | Req Mon MO AVG |    | Req Mon DAILY MX | 19 - mg/L | 02/BA - Twice Per Batch | 24 - 24 Hour Composite |
|       |                                          |                    |   |    | Value NODI  |   |                |   |                  |          |  |  |    |                |    |                  |           | 02/BA - Twice Per Batch | 24 - 24 Hour Composite |
| 01105 | Aluminum, total [as Al]                  | 1 - Effluent Gross | 0 | -- | Sample      |   |                |   |                  |          |  |  | <  | 0.088          | <  | 0.088            | 19 - mg/L |                         |                        |
|       |                                          |                    |   |    | Permit Req. |   |                |   |                  |          |  |  | <= | 2.0 MO AVG     | <= | 4.0 DAILY MX     | 19 - mg/L | 01/BA - Once Per Batch  | 24 - 24 Hour Composite |
|       |                                          |                    |   |    | Value NODI  |   |                |   |                  |          |  |  |    |                |    |                  |           | 01/BA - Once Per Batch  | 24 - 24 Hour Composite |
| 01128 | Vanadium, total recoverable              | 1 - Effluent Gross | 0 | -- | Sample      |   |                |   |                  |          |  |  | <  | 0.0015         | <  | 0.0015           | 19 - mg/L |                         |                        |
|       |                                          |                    |   |    | Permit Req. |   |                |   |                  |          |  |  |    | Req Mon MO AVG | <= | 0.014 DAILY MX   | 19 - mg/L | 01/BA - Once Per Batch  | GR - Grab              |
|       |                                          |                    |   |    | Value NODI  |   |                |   |                  |          |  |  |    |                |    |                  |           | 01/BA - Once Per Batch  | GR - Grab              |
| 34726 | Nitrogen, ammonia, total [as NH3]        | 1 - Effluent Gross | 0 | -- | Sample      |   |                |   |                  |          |  |  | <  | 0.009          | <  | 0.009            | 19 - mg/L |                         |                        |
|       |                                          |                    |   |    | Permit Req. |   |                |   |                  |          |  |  | <= | 1.5 MO AVG     | <= | 2.1 DAILY MX     | 19 - mg/L | 02/BA - Twice Per Batch | 24 - 24 Hour Composite |
|       |                                          |                    |   |    | Value NODI  |   |                |   |                  |          |  |  |    |                |    |                  |           | 02/BA - Twice Per Batch | 24 - 24 Hour Composite |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0 | -- | Sample      | = | 0.21           | = | 0.27             | 03 - MGD |  |  |    |                |    |                  |           |                         |                        |
|       |                                          |                    |   |    | Permit Req. |   | Req Mon MO AVG |   | Req Mon DAILY MX | 03 - MGD |  |  |    |                |    |                  |           | 02/BA - Twice Per Batch | CN - Continuous        |
|       |                                          |                    |   |    | Value NODI  |   |                |   |                  |          |  |  |    |                |    |                  |           | 02/BA - Twice Per Batch | CN - Continuous        |
| 50060 | Chlorine, total residual                 | 1 - Effluent Gross | 0 | -- | Sample      |   |                |   |                  |          |  |  | <  | 0.02           | <  | 0.02             | 19 - mg/L |                         |                        |
|       |                                          |                    |   |    | Permit Req. |   |                |   |                  |          |  |  |    | Req Mon MO AVG | <= | 0.1 DAILY MX     | 19 - mg/L | 01/BA - Once Per Batch  | GR - Grab              |
|       |                                          |                    |   |    | Value NODI  |   |                |   |                  |          |  |  |    |                |    |                  |           | 01/BA - Once Per Batch  | GR - Grab              |
| 70295 | Solids, total dissolved                  | 1 - Effluent Gross | 0 | -- | Sample      |   |                |   |                  |          |  |  | =  | 663.0          | =  | 671.0            | 19 - mg/L |                         |                        |
|       |                                          |                    |   |    | Permit Req. |   |                |   |                  |          |  |  |    | Req Mon MO AVG |    | Req Mon DAILY MX | 19 - mg/L | 02/BA - Twice Per Batch | GR - Grab              |
|       |                                          |                    |   |    | Value NODI  |   |                |   |                  |          |  |  |    |                |    |                  |           | 02/BA - Twice Per Batch | GR - Grab              |
| 71900 | Mercury, total [as Hg]                   | 1 - Effluent Gross | 0 | -- | Sample      |   |                |   |                  |          |  |  | =  | 1.1            | =  | 1.1              | 3M - ng/L |                         |                        |
|       |                                          |                    |   |    | Permit Req. |   |                |   |                  |          |  |  | <= | 50.0 MO AVG    |    | Req Mon DAILY MX | 3M - ng/L | 01/BA - Once Per Batch  | GR - Grab              |
|       |                                          |                    |   |    | Value NODI  |   |                |   |                  |          |  |  |    |                |    |                  |           | 01/BA - Once Per Batch  | GR - Grab              |
| 81646 | Surfactants [linear alkylate sulfonate]  | 1 - Effluent Gross | 0 | -- | Sample      |   |                |   |                  |          |  |  | =  | 0.02           | =  | 0.02             | 19 - mg/L |                         |                        |
|       |                                          |                    |   |    | Permit Req. |   |                |   |                  |          |  |  |    | Req Mon MO AVG | <= | 0.04 DAILY MX    | 19 - mg/L | 01/BA - Once Per Batch  | GR - Grab              |
|       |                                          |                    |   |    | Value NODI  |   |                |   |                  |          |  |  |    |                |    |                  |           | 01/BA - Once Per Batch  | GR - Grab              |

**Submission Note**

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**Edit Check Errors**

No errors.

**Comments**

As required in Title 6 of the New York State Codes, Rules, and Regulations of 6NYCRR, Part 750-2(e)(3), the New York Environmental Laboratory Accreditation Program (NYELAP) identification numbers for Laboratories performing analysis for the WVDP DMR's are as follows: 1) Eurofins: NY Lab No. 10026; 2). General Engineering Laboratory: NY Lab No. 11501 and New England Bioassay (NEB): NY Lab No. 12157. Also, NYCRR Part 750-2(e)(3) requires reporting of Method Detection Limits (MDLs) where monitoring is not performed under ELAP. To that end, the MDL for the Total Residual Chlorine analysis, performed by West Valley Cleanup Alliance, Environmental Services is 0.02 mg/L.

**Attachments**

| Name                         | Type | Size     |
|------------------------------|------|----------|
| WVDP_March_2026_Synopsis.pdf | pdf  | 490356.0 |

**Report Last Saved By**

U.S. DEPT OF ENERGY

User:MACAULI24

Name:Ian Macauley



|                              |                                      |
|------------------------------|--------------------------------------|
| E-Mail:                      | ian.macauley@chbwv.com               |
| Date/Time:                   | 2026-04-20 11:16 (Time Zone: -04:00) |
| <i>Report Last Signed By</i> |                                      |
| User:                        | ELIZABETH.LOWES@CHBWV.COM            |
| Name:                        | Elizabeth Lowes                      |
| E-Mail:                      | elizabeth.lowes@chbwv.com            |
| Date/Time:                   | 2026-04-20 13:43 (Time Zone: -04:00) |

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

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Permit

Permit #:

NY0000973

Major:

Yes

Permittee:

U.S. DEPT OF ENERGY

Permittee Address:

1000 INDEPENDENCE AVE SW  
WASHINGTON, DC 20585

Facility:

WEST VALLEY DEMONSTRATION PROJ

Facility Location:

10282 ROCK SPRINGS ROAD  
WEST VALLEY, NY 14171-9799

Permitted Feature:

001  
External Outfall

Discharge:

001-W  
OUTFALL 001 WET TESTING QUARTERLY

Report Dates & Status

Monitoring Period:

From 01/01/26 to 03/31/26

DMR Due Date:

05/28/26

Status:

NetDMR Validated

Considerations for Form Completion

SEE PERMIT FOOTNOTES FOR WET TESTING REQUIREMENTS

Principal Executive Officer

First Name:

Bryan

Last Name:

Bower

Title:

Director-WVDP-DOE

Telephone:

716-942-4368

No Data Indicator (NODI)

Form NODI:

--

| Parameter |                                                          | Monitoring Location | Season # | Param. NODI |             | Quantity or Loading |         |             |         | Quality or Concentration |             |         |             | # of Ex. | Frequency of Analysis | Sample Type                                           |                  |   |                   |                        |
|-----------|----------------------------------------------------------|---------------------|----------|-------------|-------------|---------------------|---------|-------------|---------|--------------------------|-------------|---------|-------------|----------|-----------------------|-------------------------------------------------------|------------------|---|-------------------|------------------------|
| Code      | Name                                                     |                     |          |             |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units                    | Qualifier 1 | Value 1 | Qualifier 2 | Value 2  | Qualifier 3           | Value 3                                               | Units            |   |                   |                        |
| 61425     | Toxicity [acute], Ceriodaphnia dubia                     | V - See Comments    | 0        | --          | Sample      |                     |         |             |         |                          |             |         |             |          | =                     | 0.3                                                   | 2F - tox acute   | 0 | 01/90 - Quarterly | 24 - 24 Hour Composite |
|           |                                                          |                     |          |             | Permit Req. |                     |         |             |         |                          |             |         |             |          | <=                    | 0.3 MAXIMUM                                           | 2F - tox acute   |   | 01/90 - Quarterly | 24 - 24 Hour Composite |
|           |                                                          |                     |          |             | Value NODI  |                     |         |             |         |                          |             |         |             |          |                       |                                                       |                  |   |                   |                        |
| 61426     | Toxicity [chronic], Ceriodaphnia dubia                   | V - See Comments    | 0        | --          | Sample      |                     |         |             |         |                          |             |         |             |          | =                     | 1.0                                                   | 2G - tox chronic | 0 | 01/90 - Quarterly | 24 - 24 Hour Composite |
|           |                                                          |                     |          |             | Permit Req. |                     |         |             |         |                          |             |         |             |          | <=                    | 1.0 MAXIMUM                                           | 2G - tox chronic |   | 01/90 - Quarterly | 24 - 24 Hour Composite |
|           |                                                          |                     |          |             | Value NODI  |                     |         |             |         |                          |             |         |             |          |                       |                                                       |                  |   |                   |                        |
| 61427     | Toxicity [acute], Pimephales promelas [Fathead Minnow]   | V - See Comments    | 0        | --          | Sample      |                     |         |             |         |                          |             |         |             |          |                       |                                                       |                  |   | 01/90 - Quarterly | 24 - 24 Hour Composite |
|           |                                                          |                     |          |             | Permit Req. |                     |         |             |         |                          |             |         |             |          | <=                    | 0.3 MAXIMUM                                           | 2F - tox acute   |   |                   |                        |
|           |                                                          |                     |          |             | Value NODI  |                     |         |             |         |                          |             |         |             |          |                       | 9 - Conditional Monitoring - Not Required This Period |                  |   |                   |                        |
| 61428     | Toxicity [chronic], Pimephales promelas [Fathead Minnow] | V - See Comments    | 0        | --          | Sample      |                     |         |             |         |                          |             |         |             |          |                       |                                                       |                  |   | 01/90 - Quarterly | 24 - 24 Hour Composite |
|           |                                                          |                     |          |             | Permit Req. |                     |         |             |         |                          |             |         |             |          | <=                    | 1.0 MAXIMUM                                           | 2G - tox chronic |   |                   |                        |
|           |                                                          |                     |          |             | Value NODI  |                     |         |             |         |                          |             |         |             |          |                       | 9 - Conditional Monitoring - Not Required This Period |                  |   |                   |                        |

Submission Note

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Edit Check Errors

No errors.

Comments

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Attachments

| Name                                                          | Type | Size      |
|---------------------------------------------------------------|------|-----------|
| WVDP_March_2026_Whole_Effluent_Toxicity_Test_Final_Report.pdf | pdf  | 2682887.0 |

Report Last Saved By

U.S. DEPT OF ENERGY

User:

JACOB.SCHINZEL

Name:

Jacob Schinzel

E-Mail:

jacob.schinzel@chbwv.com

|                              |                                      |
|------------------------------|--------------------------------------|
| Date/Time:                   | 2026-04-20 10:30 (Time Zone: -04:00) |
| <i>Report Last Signed By</i> |                                      |
| User:                        | ELIZABETH.LOWES@CHBWV.COM            |
| Name:                        | Elizabeth Lowes                      |
| E-Mail:                      | elizabeth.lowes@chbvv.com            |
| Date/Time:                   | 2026-04-20 13:43 (Time Zone: -04:00) |

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Permit

Permit #:  
Major:

NY0000973  
Yes

Permittee:  
Permittee Address:

U.S. DEPT OF ENERGY  
1000 INDEPENDENCE AVE SW  
WASHINGTON, DC 20585

Facility:  
Facility Location:

WEST VALLEY DEMONSTRATION PROJ  
10282 ROCK SPRINGS ROAD  
WEST VALLEY, NY 14171-9799

Permitted Feature:

007  
External Outfall

Discharge:

007-M  
SANITARY, NC COOLING WATER, UTILITY WASTEWATER, STORMWATER

Report Dates & Status

Monitoring Period:

From 03/01/26 to 03/31/26

DMR Due Date:

04/28/26

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:  
Last Name:

Bryan  
Bower

Title:

Director-WVDP-DOE

Telephone:

716-942-4368

No Data Indicator (NODI)

Form NODI: --

| Parameter |                                  | Monitoring Location | Season # | Param. NODI |             | Quantity or Loading |         |             |         |       | Quality or Concentration |                  |             |                  |             |                  |           | # of Ex. | Frequency of Analysis   | Sample Type            |
|-----------|----------------------------------|---------------------|----------|-------------|-------------|---------------------|---------|-------------|---------|-------|--------------------------|------------------|-------------|------------------|-------------|------------------|-----------|----------|-------------------------|------------------------|
| Code      | Name                             |                     |          |             |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1              | Value 1          | Qualifier 2 | Value 2          | Qualifier 3 | Value 3          | Units     |          |                         |                        |
| 00181     | Oxygen demand, ultimate          | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |                  |             |                  |             |                  |           |          | 01/30 - Monthly         | CA - Calculated        |
|           |                                  |                     |          |             | Permit Req. |                     |         |             |         |       |                          |                  |             | Req Mon MO AVG   | <=          | 22.0 DAILY MX    | 19 - mg/L |          |                         |                        |
|           |                                  |                     |          |             | Value NODI  |                     |         |             |         |       |                          |                  |             | C - No Discharge |             | C - No Discharge |           |          |                         |                        |
| 00300     | Oxygen, dissolved [DO]           | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |                  |             |                  |             |                  |           |          | 02/30 - Twice Per Month | GR - Grab              |
|           |                                  |                     |          |             | Permit Req. |                     |         |             |         |       | >=                       | 3.0 MINIMUM      |             |                  |             | Req Mon MAXIMUM  | 19 - mg/L |          |                         |                        |
|           |                                  |                     |          |             | Value NODI  |                     |         |             |         |       |                          | C - No Discharge |             |                  |             | C - No Discharge |           |          |                         |                        |
| 00310     | BOD, 5-day, 20 deg. C            | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |                  |             |                  |             |                  |           |          | 02/30 - Twice Per Month | 24 - 24 Hour Composite |
|           |                                  |                     |          |             | Permit Req. |                     |         |             |         |       |                          |                  |             | Req Mon MO AVG   | <=          | 10.0 DAILY MX    | 19 - mg/L |          |                         |                        |
|           |                                  |                     |          |             | Value NODI  |                     |         |             |         |       |                          |                  |             | C - No Discharge |             | C - No Discharge |           |          |                         |                        |
| 00400     | pH                               | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |                  |             |                  |             |                  |           |          | 02/30 - Twice Per Month | GR - Grab              |
|           |                                  |                     |          |             | Permit Req. |                     |         |             |         |       | >=                       | 6.5 MINIMUM      |             |                  | <=          | 8.5 MAXIMUM      | 12 - SU   |          |                         |                        |
|           |                                  |                     |          |             | Value NODI  |                     |         |             |         |       |                          | C - No Discharge |             |                  |             | C - No Discharge |           |          |                         |                        |
| 00530     | Solids, total suspended          | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |                  |             |                  |             |                  |           |          | 02/30 - Twice Per Month | 24 - 24 Hour Composite |
|           |                                  |                     |          |             | Permit Req. |                     |         |             |         |       |                          |                  | <=          | 30.0 MO AVG      | <=          | 45.0 DAILY MX    | 19 - mg/L |          |                         |                        |
|           |                                  |                     |          |             | Value NODI  |                     |         |             |         |       |                          |                  |             | C - No Discharge |             | C - No Discharge |           |          |                         |                        |
| 00545     | Solids, settleable               | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |                  |             |                  |             |                  |           |          | 02/30 - Twice Per Month | GR - Grab              |
|           |                                  |                     |          |             | Permit Req. |                     |         |             |         |       |                          |                  |             | Req Mon MO AVG   | <=          | 0.3 DAILY MX     | 25 - mL/L |          |                         |                        |
|           |                                  |                     |          |             | Value NODI  |                     |         |             |         |       |                          |                  |             | C - No Discharge |             | C - No Discharge |           |          |                         |                        |
| 00556     | Oil & Grease                     | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |                  |             |                  |             |                  |           |          | 02/30 - Twice Per Month | GR - Grab              |
|           |                                  |                     |          |             | Permit Req. |                     |         |             |         |       |                          |                  |             | Req Mon MO AVG   | <=          | 15.0 DAILY MX    | 19 - mg/L |          |                         |                        |
|           |                                  |                     |          |             | Value NODI  |                     |         |             |         |       |                          |                  |             | C - No Discharge |             | C - No Discharge |           |          |                         |                        |
| 00615     | Nitrogen, nitrite total [as N]   | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |                  |             |                  |             |                  |           |          | 01/30 - Monthly         | 24 - 24 Hour Composite |
|           |                                  |                     |          |             | Permit Req. |                     |         |             |         |       |                          |                  |             | Req Mon MO AVG   | <=          | 0.1 DAILY MX     | 19 - mg/L |          |                         |                        |
|           |                                  |                     |          |             | Value NODI  |                     |         |             |         |       |                          |                  |             | C - No Discharge |             | C - No Discharge |           |          |                         |                        |
| 00625     | Nitrogen, Kjeldahl, total [as N] | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |                  |             |                  |             |                  |           |          | 01/30 - Monthly         | 24 - 24 Hour Composite |
|           |                                  |                     |          |             | Permit Req. |                     |         |             |         |       |                          |                  |             | Req Mon MO AVG   |             | Req Mon DAILY MX | 19 - mg/L |          |                         |                        |
|           |                                  |                     |          |             | Value NODI  |                     |         |             |         |       |                          |                  |             | C - No Discharge |             | C - No Discharge |           |          |                         |                        |
| 01045     | Iron, total [as Fe]              | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |                  |             |                  |             |                  |           |          | 02/30 - Twice Per Month | 24 - 24 Hour Composite |
|           |                                  |                     |          |             | Permit Req. |                     |         |             |         |       |                          |                  |             | Req Mon MO AVG   |             | Req Mon DAILY MX | 19 - mg/L |          |                         |                        |

|       |                                          |                    |   |    |             |  |                  |  |                  |          |  |  |    |                  |    |                  |           |                         |                        |
|-------|------------------------------------------|--------------------|---|----|-------------|--|------------------|--|------------------|----------|--|--|----|------------------|----|------------------|-----------|-------------------------|------------------------|
|       |                                          |                    |   |    | Value NODI  |  |                  |  |                  |          |  |  |    | C - No Discharge |    | C - No Discharge |           |                         |                        |
| 34726 | Nitrogen, ammonia, total [as NH3]        | 1 - Effluent Gross | 0 | -- | Sample      |  |                  |  |                  |          |  |  |    |                  |    |                  |           |                         |                        |
|       |                                          |                    |   |    | Permit Req. |  |                  |  |                  |          |  |  | <= | 1.49 MO AVG      | <= | 2.1 DAILY MX     | 19 - mg/L | 02/30 - Twice Per Month | 24 - 24 Hour Composite |
|       |                                          |                    |   |    | Value NODI  |  |                  |  |                  |          |  |  |    | C - No Discharge |    | C - No Discharge |           |                         |                        |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0 | -- | Sample      |  |                  |  |                  |          |  |  |    |                  |    |                  |           |                         |                        |
|       |                                          |                    |   |    | Permit Req. |  | Req Mon MO AVG   |  | Req Mon DAILY MX | 03 - MGD |  |  |    |                  |    |                  |           | 01/30 - Monthly         | CN - Continuous        |
|       |                                          |                    |   |    | Value NODI  |  | C - No Discharge |  | C - No Discharge |          |  |  |    |                  |    |                  |           |                         |                        |
| 50060 | Chlorine, total residual                 | 1 - Effluent Gross | 0 | -- | Sample      |  |                  |  |                  |          |  |  |    |                  |    |                  |           |                         |                        |
|       |                                          |                    |   |    | Permit Req. |  |                  |  |                  |          |  |  |    | Req Mon MO AVG   | <= | 0.1 DAILY MX     | 19 - mg/L | 01/30 - Monthly         | GR - Grab              |
|       |                                          |                    |   |    | Value NODI  |  |                  |  |                  |          |  |  |    | C - No Discharge |    | C - No Discharge |           |                         |                        |
| 70295 | Solids, total dissolved                  | 1 - Effluent Gross | 0 | -- | Sample      |  |                  |  |                  |          |  |  |    |                  |    |                  |           |                         |                        |
|       |                                          |                    |   |    | Permit Req. |  |                  |  |                  |          |  |  |    | Req Mon MO AVG   |    | Req Mon DAILY MX | 19 - mg/L | 02/30 - Twice Per Month | GR - Grab              |
|       |                                          |                    |   |    | Value NODI  |  |                  |  |                  |          |  |  |    | C - No Discharge |    | C - No Discharge |           |                         |                        |
| 71900 | Mercury, total [as Hg]                   | 1 - Effluent Gross | 0 | -- | Sample      |  |                  |  |                  |          |  |  |    |                  |    |                  |           |                         |                        |
|       |                                          |                    |   |    | Permit Req. |  |                  |  |                  |          |  |  |    | Req Mon MO AVG   | <= | 50.0 DAILY MX    | 3M - ng/L | 01/30 - Monthly         | GR - Grab              |
|       |                                          |                    |   |    | Value NODI  |  |                  |  |                  |          |  |  |    | C - No Discharge |    | C - No Discharge |           |                         |                        |

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. DEPT OF ENERGY

User:

MACAULI24

Name:

Ian Macauley

E-Mail:

ian.macauley@chbwv.com

Date/Time:

2026-04-20 11:15 (Time Zone: -04:00)

Report Last Signed By

User:

ELIZABETH.LOWES@CHBWV.COM

Name:

Elizabeth Lowes

E-Mail:

elizabeth.lowes@chbwv.com

Date/Time:

2026-04-20 13:43 (Time Zone: -04:00)

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Permit

Permit #:  
Major:

NY0000973  
Yes

Permittee:  
Permittee Address:

U.S. DEPT OF ENERGY  
1000 INDEPENDENCE AVE SW  
WASHINGTON, DC 20585

Facility:  
Facility Location:

WEST VALLEY DEMONSTRATION PROJ  
10282 ROCK SPRINGS ROAD  
WEST VALLEY, NY 14171-9799

Permitted Feature:

01B  
Internal Outfall

Discharge:

01B-M  
MERCURY PRETREATMENT

Report Dates & Status

Monitoring Period:

From 03/01/26 to 03/31/26

DMR Due Date:

04/28/26

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:  
Last Name:

Bryan  
Bower

Title:

Director-WVDP-DOE

Telephone:

716-942-4368

No Data Indicator (NODI)

Form NODI: --

| Parameter |                        | Monitoring Location | Season # | Param. NODI |             | Quantity or Loading |                  |             |                  |            | Quality or Concentration |         |             |                  |             |                  |           | # of Ex. | Frequency of Analysis   | Sample Type     |
|-----------|------------------------|---------------------|----------|-------------|-------------|---------------------|------------------|-------------|------------------|------------|--------------------------|---------|-------------|------------------|-------------|------------------|-----------|----------|-------------------------|-----------------|
| Code      | Name                   |                     |          |             |             | Qualifier 1         | Value 1          | Qualifier 2 | Value 2          | Units      | Qualifier 1              | Value 1 | Qualifier 2 | Value 2          | Qualifier 3 | Value 3          | Units     |          |                         |                 |
| 00056     | Flow rate              | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |            |                          |         |             |                  |             |                  |           |          | 01/07 - Weekly          | CN - Continuous |
|           |                        |                     |          |             | Permit Req. |                     | Req Mon MO AVG   |             | Req Mon DAILY MX | 07 - gal/d |                          |         |             |                  |             |                  |           |          |                         |                 |
|           |                        |                     |          |             | Value NODI  |                     | C - No Discharge |             | C - No Discharge |            |                          |         |             |                  |             |                  |           |          |                         |                 |
| 71900     | Mercury, total [as Hg] | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |            |                          |         |             |                  |             |                  |           |          | 02/BA - Twice Per Batch | GR - Grab       |
|           |                        |                     |          |             | Permit Req. |                     |                  |             |                  |            |                          |         |             | Req Mon MO AVG   | <=          | 50.0 DAILY MX    | 3M - ng/L |          |                         |                 |
|           |                        |                     |          |             | Value NODI  |                     |                  |             |                  |            |                          |         |             | C - No Discharge |             | C - No Discharge |           |          |                         |                 |

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. DEPT OF ENERGY

User:

MACAULI24

Name:

Ian Macauley

E-Mail:

ian.macauley@chbwv.com

Date/Time:

2026-04-20 11:20 (Time Zone: -04:00)

Report Last Signed By

User:

ELIZABETH.LOWES@CHBWV.COM

Name:

Elizabeth Lowes

E-Mail:

elizabeth.lowes@chbwv.com

Date/Time:

2026-04-20 13:43 (Time Zone: -04:00)



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Permit

Permit #:  
Major:

NY0000973  
Yes

Permittee:  
Permittee Address:

U.S. DEPT OF ENERGY  
1000 INDEPENDENCE AVE SW  
WASHINGTON, DC 20585

Facility:  
Facility Location:

WEST VALLEY DEMONSTRATION PROJ  
10282 ROCK SPRINGS ROAD  
WEST VALLEY, NY 14171-9799

Permitted Feature:

116  
Internal Outfall

Discharge:

116-M  
PSEUDO MON. POINT @FRANKS CRK

Report Dates & Status

Monitoring Period:

From 03/01/26 to 03/31/26

DMR Due Date:

04/28/26

Status:

NetDMR Validated

Considerations for Form Completion

IF PSUEDO MONITORING POINT REPORT IS NOT REQUIRED DURING THE MONITORING PERIOD, EITHER CHECK THENO DISCHARGE BOX OR ENTER 'NODI A'IN PLACE OF A MEASUREMENT TO INDICATE A GENERAL PERMIT EXEMPTION.

Principal Executive Officer

First Name:  
Last Name:

Bryan  
Bower

Title:

Director-WVDP-DOE

Telephone:

716-942-4368

No Data Indicator (NODI)

Form NODI:

--

| Parameter |                         | Monitoring Location     | Season # | Param. NODI |             | Quantity or Loading |         |             |         |       | Quality or Concentration |         |             |                |             |                |           | # of Ex. | Frequency of Analysis       | Sample Type     |
|-----------|-------------------------|-------------------------|----------|-------------|-------------|---------------------|---------|-------------|---------|-------|--------------------------|---------|-------------|----------------|-------------|----------------|-----------|----------|-----------------------------|-----------------|
| Code      | Name                    |                         |          |             |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1              | Value 1 | Qualifier 2 | Value 2        | Qualifier 3 | Value 3        | Units     |          |                             |                 |
| 70295     | Solids, total dissolved | Z - Instream Monitoring | 0        | --          | Sample      |                     |         |             |         |       |                          |         | =           | 269.0          | =           | 316.0          | 19 - mg/L |          | 02/DS - Twice Per Discharge | CA - Calculated |
|           |                         |                         |          |             | Permit Req. |                     |         |             |         |       |                          |         |             | Req Mon MO AVG | <=          | 500.0 DAILY MX | 19 - mg/L |          | 02/DS - Twice Per Discharge | CA - Calculated |
|           |                         |                         |          |             | Value NODI  |                     |         |             |         |       |                          |         |             |                |             |                |           |          |                             |                 |

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

As required in Title 6 of the New York State Codes, Rules, and Regulations of 6NYCRR, Part 750-2(e)(3), the New York Environmental Laboratory Accreditation Program (NYELAP) identification numbers for Laboratories performing analysis for the WVDP DMR's are as follows: 1) Eurofins: NY Lab No. 10026; 2). General Engineering Laboratory: NY Lab No. 11501 and New England Bioassay (NEB): NY Lab No. 12157. Also, NYCRR Part 750-2(e)(3) requires reporting of Method Detection Limits (MDLs) where monitoring is not performed under ELAP. To that end, the MDL for the Total Residual Chlorine analysis, performed by West Valley Cleanup Alliance, Environmental Services is 0.02 mg/L.

Attachments

| Name                                | Type | Size     |
|-------------------------------------|------|----------|
| WVDP_March_2026_TDS_Calculation.pdf | pdf  | 190469.0 |

Report Last Saved By

U.S. DEPT OF ENERGY

User:  
Name:  
E-Mail:  
Date/Time:

MACAULI24  
Ian Macauley  
ian.macauley@chbwv.com  
2026-04-20 11:20 (Time Zone: -04:00)

Report Last Signed By

User:  
Name:  
E-Mail:  
Date/Time:

ELIZABETH.LOWES@CHBWV.COM  
Elizabeth Lowes  
elizabeth.lowes@chbwv.com  
2026-04-20 13:43 (Time Zone: -04:00)

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Permit

Permit #:

NY0000973

Major:

Yes

Permittee:

U.S. DEPT OF ENERGY

Permittee Address:

1000 INDEPENDENCE AVE SW  
WASHINGTON, DC 20585

Facility:

WEST VALLEY DEMONSTRATION PROJ

Facility Location:

10282 ROCK SPRINGS ROAD  
WEST VALLEY, NY 14171-9799

Permitted Feature:

SUM  
Internal Outfall

Discharge:

SUM-N  
SUM OF OUTFALLS 1 & 7

Report Dates & Status

Monitoring Period:

From 03/01/26 to 03/31/26

DMR Due Date:

04/28/26

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Bryan

Last Name:

Bower

Title:

Director-WVDP-DOE

Telephone:

716-942-4368

No Data Indicator (NODI)

Form NODI:

--

| Parameter |                     | Monitoring Location | Season # | Param. NODI |             | Quantity or Loading |         |             |         |       | Quality or Concentration |         |             |                |             |              |           | # of Ex. | Frequency of Analysis | Sample Type     |
|-----------|---------------------|---------------------|----------|-------------|-------------|---------------------|---------|-------------|---------|-------|--------------------------|---------|-------------|----------------|-------------|--------------|-----------|----------|-----------------------|-----------------|
| Code      | Name                |                     |          |             |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1              | Value 1 | Qualifier 2 | Value 2        | Qualifier 3 | Value 3      | Units     |          |                       |                 |
| 01045     | Iron, total [as Fe] | 2 - Effluent Net    | 0        | --          | Sample      |                     |         |             |         |       |                          |         | =           | 0.082          | =           | 0.088        | 19 - mg/L |          | 01/30 - Monthly       | CA - Calculated |
|           |                     |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         |             | Req Mon MO AVG | <=          | 1.0 DAILY MX | 19 - mg/L |          | 01/30 - Monthly       | CA - Calculated |
|           |                     |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             |                |             |              |           |          |                       |                 |

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

As required in Title 6 of the New York State Codes, Rules, and Regulations of 6NYCRR, Part 750-2(e)(3), the New York Environmental Laboratory Accreditation Program (NYELAP) identification numbers for Laboratories performing analysis for the WVDP DMR's are as follows: 1) Eurofins: NY Lab No. 10026; 2). General Engineering Laboratory: NY Lab No. 11501 and New England Bioassay (NEB): NY Lab No. 12157. Also, NYCRR Part 750-2(e)(3) requires reporting of Method Detection Limits (MDLs) where monitoring is not performed under ELAP. To that end, the MDL for the Total Residual Chlorine analysis, performed by West Valley Cleanup Alliance, Environmental Services is 0.02 mg/L.

Attachments

| Name                                     | Type | Size     |
|------------------------------------------|------|----------|
| WVDP_March_2026_Net_Iron_Calculation.pdf | pdf  | 192858.0 |

Report Last Saved By

U.S. DEPT OF ENERGY

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MACAULI24

Name:

Ian Macauley

E-Mail:

ian.macauley@chbwv.com

Date/Time:

2026-04-20 11:18 (Time Zone: -04:00)

Report Last Signed By

User:

ELIZABETH.LOWES@CHBWV.COM

Name:

Elizabeth Lowes

E-Mail:

elizabeth.lowes@chbwv.com

Date/Time:

2026-04-20 13:43 (Time Zone: -04:00)



**Attachment B**  
**WEST VALLEY DEMONSTRATION PROJECT (WVDP)**  
**STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (SPDES)**  
**DISCHARGE MONITORING REPORT (DMR)**  
**SPDES PERMIT NO. NY-0000973**

**WHOLE EFFLUENT TOXICITY (WET) TESTING FINAL REPORT**  
**MARCH 2026 DISCHARGE**

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Chester Wrotniak  
West Valley Cleanup Alliance LLC (WVCA)  
10282 Rock Springs Road  
West Valley, New York 14171-9799

Generated 4/15/2026 11:49:40 AM

## JOB DESCRIPTION

SPDES  
1579

## JOB NUMBER

480-237689-1

# Eurofins Buffalo

## Job Notes

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who has signed this report. TestAmerica Buffalo NELAC Certifications: CADPH 01169CA, FLDOH E87672, ILEPA 200003, KSDOH E-10187, LADEQ 30708, MDH 036-999-337, NHELAP 2973, NJDEP NY455, NHDOH 10026, ORELAP NY200003, PADEP 68-00281, TXCEQ T-104704412-10-1

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

## Authorization



Generated  
4/15/2026 11:49:40 AM

Authorized for release by  
Kavya Boyina, Project Manager  
[kavya.boyina@et.eurofinsus.com](mailto:kavya.boyina@et.eurofinsus.com)  
Designee for  
Anton Gruning, Project Management Assistant I  
[Anton.Gruning@et.eurofinsus.com](mailto:Anton.Gruning@et.eurofinsus.com)  
(716)504-9838



# Table of Contents

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## Definitions/Glossary

Client: West Valley Cleanup Alliance LLC (WVCA)  
Project/Site: SPDES

Job ID: 480-237689-1  
SDG: 1579

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| ☼              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |
| EDL            | Estimated Detection Limit (Dioxin)                                                                          |
| LOD            | Limit of Detection (DoD/DOE)                                                                                |
| LOQ            | Limit of Quantitation (DoD/DOE)                                                                             |
| MCL            | EPA recommended "Maximum Contaminant Level"                                                                 |
| MDA            | Minimum Detectable Activity (Radiochemistry)                                                                |
| MDC            | Minimum Detectable Concentration (Radiochemistry)                                                           |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |
| MPN            | Most Probable Number                                                                                        |
| MQL            | Method Quantitation Limit                                                                                   |
| NC             | Not Calculated                                                                                              |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)                                                |
| NEG            | Negative / Absent                                                                                           |
| POS            | Positive / Present                                                                                          |
| PQL            | Practical Quantitation Limit                                                                                |
| PRES           | Presumptive                                                                                                 |
| QC             | Quality Control                                                                                             |
| RER            | Relative Error Ratio (Radiochemistry)                                                                       |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)                                                         |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)                                                                         |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)                                                                       |
| TNTC           | Too Numerous To Count                                                                                       |

## Case Narrative

Client: West Valley Cleanup Alliance LLC (WVCA)  
Project: SPDES

Job ID: 480-237689-1

**Job ID: 480-237689-1**

**Eurofins Buffalo**

### **Job Narrative 480-237689-1**

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### **Receipt**

The samples were received on 3/18/2026 8:01 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

### **Subcontract Work**

Method Whole Effluent Toxicity (WET) Testing - C. Dubia: This method was subcontracted to New England Bioassay a division of GZA. The subcontract laboratory certification is different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

Eurofins Buffalo

Method Summary

Client: West Valley Cleanup Alliance LLC (WVCA)  
Project/Site: SPDES

Job ID: 480-237689-1  
SDG: 1579

| Method      | Method Description                               | Protocol | Laboratory |
|-------------|--------------------------------------------------|----------|------------|
| Subcontract | Whole Effluent Toxicity (WET) Testing - C. Dubia | None     | SC0088     |

Protocol References:

None = None

Laboratory References:

SC0088 = New England Bioassay, Inc., 77 Batson Drive, Manchester, CT 06040

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

## Sample Summary

Client: West Valley Cleanup Alliance LLC (WVCA)  
Project/Site: SPDES

Job ID: 480-237689-1  
SDG: 1579

| Lab Sample ID | Client Sample ID    | Matrix | Collected      | Received       | Sample Origin |
|---------------|---------------------|--------|----------------|----------------|---------------|
| 480-237689-1  | 2026-01679A WNSP001 | Water  | 03/16/26 10:00 | 03/18/26 08:01 | NY            |
| 480-237689-2  | 2026-01679A WNER53  | Water  | 03/16/26 10:00 | 03/18/26 08:01 | NY            |





276 Addison Road  
Windsor, CT 06095  
(860)-643-9560  
www.nebio.com

# New England Bioassay Inc.

Aquatic Toxicity Testing Services

## CHRONIC AQUATIC TOXICITY TEST REPORT

Permittee: West Valley Demonstration Project NPDES # NY0000973  
Report submitted to: Eurofins  
10 Hazelwood Dr, Amherst NY  
Sample ID: Outfall 001  
Test Month/Year: March 2026  
NEB Proj # 44240

Test Type / Method: *Ceriodaphnia dubia* Modified Chronic Static-Renewal Freshwater  
Test Method 1002.0; EPA 821-R-02-013

Effluent Sample Dates: #1 3/15-16/26 #2 3/18-19/26

Test Start Date: 3/18/26

### Results Summary

Your results were as follows:

Passed all permit limits

### Acute Test Results

| Species                   | LC50  | TUa | Permit Limit | Pass / Fail |
|---------------------------|-------|-----|--------------|-------------|
| <i>Ceriodaphnia dubia</i> | >100% | 0.3 | TUa ≤ 0.3    | Pass        |

### Chronic Test Results

| Species                   | C-NOEC | TUc | IC25  | Permit Limit | Pass/Fail |
|---------------------------|--------|-----|-------|--------------|-----------|
| <i>Ceriodaphnia dubia</i> | 100%   | 1.0 | >100% | TUc ≤ 1.0    | Pass      |

Data Qualifiers affecting this test:

Certifications & Approvals: NH ELAP (2071), NJ DEP (CT405), NYSDOH (12157)

This report shall not be reproduced, except in its entirety, without approval of NEB. NEB is the sole authority for authorizing edits or modifications to the data contained in this report. NEB holds no responsibility for results and/or data that are not consistent with the original. Please contact the Lab Director, Kimberly Wills, at 860-643-9560 or kimberly.wills@nebio.com if you have questions concerning these results.

## Test Report Certification

Permittee name: West Valley Demonstration Project Permit number: NY0000973  
Client sample ID: Outfall 001 Test Start Date: 3/18/26

### Whole Effluent Toxicity Test Report Certification (Permittee)

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 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.

Executed on: \_\_\_\_\_  
(Date)

\_\_\_\_\_  
Authorized Signature

Linda M. Michalczak, Regulatory Strategy Manager

\_\_\_\_\_  
Print or Type Name and Title

West Valley Demonstration Project

\_\_\_\_\_  
Print or Type the Permittee's Name

NY0000973

\_\_\_\_\_  
Print or Type the NPDES Permit Number

### Whole Effluent Toxicity Test Report Certification (Bioassay Laboratory)

The results reported relate only to the samples submitted as received

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 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.

Executed on: 4/10/26  
(Date)

Kimberly Wills  
Kimberly Wills  
Laboratory Director  
New England Bioassay Inc.

## General Test Conditions

Permittee name: West Valley Demonstration Project Permit number: NY0000973  
Client sample ID: Outfall 001 Test Start Date: 3/18/26

### Sample Collection Information

Effluent #1 Dates/Times: 3/15-16/26 @ 1015-1015 Receiving Water #1 Date/Time: 3/16/26 @ 1000  
Effluent #2 Dates/Times: 3/18-19/26 @ 1000-1000 Receiving Water #2 Date/Time: 3/19/26 @ 0945

Were a minimum of three samples collected? Yes ☐ No ☒ \*(see note below)

Were samples used within the first 36 hours of collection? Yes ☒ No ☒ \* (see note below)

\* sample collection note: NYSDEC has approved West Valley Demonstration Project to use only two sets of samples for their chronic testing due to the batch nature of their discharge. Due to a delivery delay, Effluent #1 was first used to start the test outside the first 36 hrs of collection.

### Test Conditions

Permittee's Receiving Water: Erdman Brook

- Dilution water: Receiving water collected at a point immediately upstream of or away from the discharge
- Control water: Laboratory synthetic moderately hard water (hardness 80 - 100 mg/L CaCO<sub>3</sub>)

Effluent concentrations tested: 0%, 6.25%, 12.5%, 25%, 50%, 100%

Was effluent salinity adjusted? No ☒ Yes ☐ with Instant Ocean sea salts to N/A ppt

Dechlorination procedures: Chlorine is measured using 4500 CL-G DPD Colorimetric Method

- Dechlorination is not allowed under this permit

TRC results and further information about aeration of samples can be found attached in "sample receipt chemistry"

### Reference Toxicant Data

#### *Ceriodaphnia dubia*

Date: 3/2/26  
Toxicant: Sodium chloride  
Dilution Water: NEB MHRFC  
Organism Source: NEB  
Reproduction IC25: 0.78 g/L  
Results within range Yes ☒ No ☐

## Ceriodaphnia dubia Test Results

Permittee name: West Valley Demonstration Project Permit number: NY0000973  
 Client sample ID: Outfall 001 Test Dates: 3/18/26 - 3/25/26

### Test Acceptability Criteria

Lab Control Survival: 100 % Mean Lab Control Reproduction: 29.6 young per female  
 Diluent Control Survival: 100 % Mean Diluent Control Reproduction: 30.7 young per female  
 Thiosulfate Control Survival: N/A % Mean Thiosulfate Control Reproduction: N/A young per female

Presence of an asterisk (\*) indicates EPA criteria was not met, see explanation in the "Results Discussion" section at the bottom of the following page.

### Test Results

|                     |                               | Permit Limit | Test Result | Pass/Fail Status |
|---------------------|-------------------------------|--------------|-------------|------------------|
| <b>Acute Data</b>   | 48 hr LC50                    |              | >100%       |                  |
|                     | 48 hr NOEC                    |              | 100%        |                  |
|                     | TUa                           | ≤ 0.3        | 0.3         | Pass             |
| <b>Chronic Data</b> | Chronic LC50                  |              | >100%       |                  |
|                     | Survival C-NOEC               |              | 100%        |                  |
|                     | Survival C-LOEC               |              | >100%       |                  |
|                     | Survival IC25                 |              | >100%       |                  |
|                     | Survival TUC <sup>1</sup>     | ≤ 1.0        | 1.0         | Pass             |
|                     | Reproduction C-NOEC           |              | 100%        |                  |
|                     | Reproduction C-LOEC           |              | >100%       |                  |
|                     | Reproduction IC25             |              | >100%       |                  |
|                     | Reproduction TUC <sup>1</sup> | ≤ 1.0        | 1.0         | Pass             |
|                     | MATC                          |              | >100%       |                  |
|                     | Reportable TUC                | ≤ 1.0        | 1.0         | Pass             |

<sup>1</sup> TUC corresponding to the lowest NOEC or IC25

### Test Variability

Reproduction PMSD: 17.6% Upper & Lower EPA bounds: 13 - 47% ☐ Low ☒ Within bounds ☐ High

- ☐ PMSD exceeds upper bounds. Test results are highly variable and may not be sensitive enough to determine the presence of toxicity at the permit limit concentration (PLC)
- ☒ The PMSD falls within the upper (47%) and lower (13%) bounds. Results are reportable.
- ☐ PMSD falls below the lower bound test variability criterion. The test is very sensitive. The relative percent difference (RPD) between the control and each treatment was calculated and compared to the lower bound.
- ☐ The RPD values for all concentrations fall below the lower bound. Any differences observed in this test are considered statistically insignificant.
- ☐ Some of the concentrations that were flagged as statistically significant have RPD values that fall below the lower bound. Any differences observed in these concentrations will not be considered statistically significantly decreased from the control.
- ☐ No statistically significant reductions were observed in this test.

## ***Ceriodaphnia dubia* Test Results**

Permittee name: West Valley Demonstration Project Permit number: NY0000973  
Client sample ID: Outfall 001 Test Dates: 3/18/26 - 3/25/26

### **Concentration - Response Evaluation**

Survival: #12 No significant effects at any test concentration with a flat concentration-response curve. Test concentrations performed very similarly to dilution control.

Reproduction: #13 No significant effects at any test concentration with a relatively flat concentration-response curve. Test concentrations performed equal to or better than the dilution control.

The concentration - response relationship was reviewed and the following determination was made:

| Survival      | Reproduction  |                                                           |
|---------------|---------------|-----------------------------------------------------------|
| <u>X</u>      | <u>X</u>      | Results are reliable and reportable                       |
| <u>      </u> | <u>      </u> | Results are anomalous (see explanation below)             |
| <u>      </u> | <u>      </u> | Results are inconclusive - retest (see explanation below) |

### **Results Discussion (if applicable):**

# TEST METHODS

## ***Ceriodaphnia dubia***

|                                                         |                                                                                                                                                                                                           |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test type:</b>                                       | Modified Chronic Static Renewal Freshwater Test                                                                                                                                                           |
| <b>Test Reference Manual:</b>                           | EPA-821-R-02-013 "Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Water to Freshwater Organisms"                                                                        |
| <b>Test Method:</b>                                     | <i>Ceriodaphnia dubia</i> Survival and Reproduction Test - EPA 1002.0                                                                                                                                     |
| <b>Temperature:</b>                                     | 25 °C ± 1 °C (Temperatures should not deviate by more than 3 °C during the test) (required)                                                                                                               |
| <b>Light Quality:</b>                                   | Ambient Laboratory Illumination (recommended)                                                                                                                                                             |
| <b>Light Intensity:</b>                                 | 10-20 µE/m <sup>2</sup> /s, or 50-100 ft-c (recommended)                                                                                                                                                  |
| <b>Photoperiod:</b>                                     | 16 hours light, 8 hours dark (recommended)                                                                                                                                                                |
| <b>Test chamber size:</b>                               | 30 mL (recommended minimum)                                                                                                                                                                               |
| <b>Test solution volume:</b>                            | 15 mL (recommended minimum)                                                                                                                                                                               |
| <b>Renewal of Test Solutions:</b>                       | Daily (required)                                                                                                                                                                                          |
| <b>Age of Test Organisms:</b>                           | Less than 24 hours; and all released within a 8-h period (required)                                                                                                                                       |
| <b>Number of Neonates Per Test Chamber:</b>             | 1 Assigned using blocking by known parentage (required)                                                                                                                                                   |
| <b>Number of Replicate Test Chambers Per Treatment:</b> | 10 (required minimum)                                                                                                                                                                                     |
| <b>Number of Neonates Per Test Concentration:</b>       | 10 (required minimum)                                                                                                                                                                                     |
| <b>Feeding Regime:</b>                                  | Fed 0.1 mL each of YCT and algal suspension per exposure chamber daily. (recommended)                                                                                                                     |
| <b>Cleaning:</b>                                        | Use new plastic cups daily (recommended)                                                                                                                                                                  |
| <b>Aeration:</b>                                        | None (recommended)                                                                                                                                                                                        |
| <b>Test Duration:</b>                                   | Until 60% or more of control females have three broods (maximum test duration 8 days) (required)                                                                                                          |
| <b>Endpoints:</b>                                       | Survival and reproduction (required)                                                                                                                                                                      |
| <b>Test Acceptability:</b>                              | 80% or greater survival of all control organisms and an average of 15 or more young per surviving female in the control solutions. 60% of surviving control females must produce three broods. (required) |
| <b>Sampling Requirements:</b>                           | See note on General Test Conditions page of report                                                                                                                                                        |
| <b>Sample volume required:</b>                          | 1 L/Day (recommended)                                                                                                                                                                                     |

# CERIODAPHNIA DUBIA DATASHEETS & STATISTICAL ANALYSIS



# NEW ENGLAND BIOASSAY TOXICITY DATA FORM

## CHRONIC COVER SHEET

CLIENT: Eurofins  
 ADDRESS: 10 Hazelwood Drive  
Amherst, NY 14228  
 PERMITTEE: West Valley Demonstration Project  
 PERMIT NUMBER: NY0000973  
 DILUTION WATER: Erdman Brook

*C.dubia* TEST ID # 26-511  
 CHAIN OF CUSTODY # C46-1996/97  
 NEB PROJECT # 44240  
 SAMPLE ID: Outfall 001

### INVERTEBRATES

TEST SET-UP TECHNICIAN: WB  
 TEST SPECIES: *Ceriodaphnia dubia*  
 NEB LOT # Cd26(MH 087)  
 AGE: < 24 hours  
 TEST SOLUTION VOLUME (mls): 15  
 ORGANISMS PER TEST CHAMBER: 1  
 ORGANISMS PER CONCENTRATION: 10

### LABORATORY CONTROL WATER (MHRCF)

| Lot Number | Hardness mg/L<br>CaCO <sub>3</sub> | Alkalinity mg/L<br>CaCO <sub>3</sub> |
|------------|------------------------------------|--------------------------------------|
| C46-MH007  | 90                                 | 59                                   |

|             | DATE    | TIME |
|-------------|---------|------|
| TEST START: | 3/18/26 | 1239 |
| TEST END:   | 3/25/26 | 1125 |

COMMENTS: \_\_\_\_\_

FILTRATION: The following were filtered prior to use through a 55 µm mesh filter due to the presence of organisms:

|            |  |  |  |
|------------|--|--|--|
| Sample:    |  |  |  |
| Date/Tech: |  |  |  |

REVIEWED BY: Kimberly Wills DATE: 4/10/26

# NEW ENGLAND BIOASSAY - CHRONIC TOXICITY TEST BROOD DATA SHEET

|                                                                                                          |            |                         |                    |
|----------------------------------------------------------------------------------------------------------|------------|-------------------------|--------------------|
| FACILITY NAME & ADDRESS: West Valley Demonstration Project WSNP001, 10282 Rock Springs Rd West Valley NY |            |                         |                    |
| NEB PROJECT NUMBER: 44240                                                                                |            | NEB TEST NUMBER: 26-511 | COC # C46-1996/97  |
| TEST ORGANISM: <i>Ceriodaphnia dubia</i>                                                                 |            | AGE: <24 hours          | Lot # Cd26(MH 087) |
| START DATE: 3/18/26                                                                                      | TIME: 1239 | END DATE: 3/25/26       | TIME: 1125         |

| Effluent<br>Concentration  | Culture Lot# Cd26(MH 087) |           |     |    |     |    |     |    |     |    |     | Total<br>Live<br>Young | # Live<br>Adults | Analyst-<br>Transfer | Analyst-<br>Counts |
|----------------------------|---------------------------|-----------|-----|----|-----|----|-----|----|-----|----|-----|------------------------|------------------|----------------------|--------------------|
|                            | Cup #                     | B8        | B18 | B6 | B16 | B4 | B11 | B9 | B13 | B2 | B17 |                        |                  |                      |                    |
|                            | Day<br>Number             | Replicate |     |    |     |    |     |    |     |    |     |                        |                  |                      |                    |
|                            |                           | A         | B   | C  | D   | E  | F   | G  | H   | I  | J   |                        |                  |                      |                    |
| NEB Lab<br>Control         | 0                         | ✓         | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | 0                      | 10               | WB                   |                    |
|                            | 1                         | ✓         | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | 0                      | 10               | ME                   |                    |
|                            | 2                         | ✓         | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | 0                      | 10               | MS/PD                |                    |
|                            | 3                         | ✓         | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | 0                      | 10               | AV                   | AV                 |
|                            | 4                         | 6         | 7   | 5  | 5   | 5  | 3   | 4  | 5   | 4  | 6   | 50                     | 10               | MV/MOR               | MV/MOR             |
|                            | 5                         | 11        | 13  | 11 | 9   | 11 | 7   | 11 | 13  | 10 | 7   | 103                    | 10               | TS                   | TS                 |
|                            | 6                         | 12        | 17  | ✓  | 15  | 13 | ✓   | 15 | ✓   | 12 | 18  | 102                    | 10               | AW/ME                | AW/ME              |
|                            | 7                         | ✓         | ✓   | 12 | ✓   | ✓  | 13  | ✓  | 16  | ✓  | ✓   | 41                     | 10               | WB/ME                | WB/ME              |
|                            |                           |           |     |    |     |    |     |    |     |    |     |                        |                  |                      |                    |
|                            | totals                    | 29        | 37  | 28 | 29  | 29 | 23  | 30 | 34  | 26 | 31  | 296                    | 10               |                      | MC                 |
| Erdman<br>Brook<br>Diluent |                           | A         | B   | C  | D   | E  | F   | G  | H   | I  | J   |                        |                  |                      |                    |
|                            | 0                         | ✓         | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | 0                      | 10               |                      |                    |
|                            | 1                         | ✓         | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | 0                      | 10               |                      |                    |
|                            | 2                         | ✓         | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | 0                      | 10               |                      |                    |
|                            | 3                         | ✓         | ✓   | ✓  | 1   | ✓  | ✓   | 6  | ✓   | ✓  | 5   | 12                     | 10               |                      |                    |
|                            | 4                         | 4         | 9   | 5  | 4/x | 6  | 6   | ✓  | 7   | 7  | ✓   | 48                     | 10               |                      |                    |
|                            | 5                         | 2         | 15  | ✓  | X   | 13 | 11  | 13 | 12  | 10 | 13  | 89                     | 10               |                      |                    |
|                            | 6                         | 13        | 16  | 16 | X   | 18 | 17  | 15 | 14  | 14 | 17  | 140                    | 10               |                      |                    |
|                            | 7                         | ✓         | ✓   | 18 | X   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | 18                     | 10               |                      |                    |
|                            |                           |           |     |    |     |    |     |    |     |    |     |                        |                  |                      |                    |
|                            | totals                    | 19        | 40  | 39 | 5   | 37 | 34  | 34 | 33  | 31 | 35  | 307                    | 10               |                      |                    |
| 6.25%                      |                           | A         | B   | C  | D   | E  | F   | G  | H   | I  | J   |                        |                  |                      |                    |
|                            | 0                         | ✓         | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | 0                      | 10               |                      |                    |
|                            | 1                         | ✓         | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | 0                      | 10               |                      |                    |
|                            | 2                         | ✓         | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | 0                      | 10               |                      |                    |
|                            | 3                         | ✓         | ✓   | ✓  | 5   | 4  | ✓   | ✓  | ✓   | ✓  | ✓   | 9                      | 10               |                      |                    |
|                            | 4                         | 6         | 5   | 6  | ✓   | ✓  | 6   | 6  | 6   | 5  | 5   | 45                     | 10               |                      |                    |
|                            | 5                         | 14        | 13  | 14 | 14  | 14 | 13  | 14 | 4   | 15 | 13  | 128                    | 10               |                      |                    |
|                            | 6                         | 17        | 16  | 19 | 18  | 17 | 14  | 16 | 17  | 17 | 16  | 167                    | 10               |                      |                    |
|                            | 7                         | ✓         | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | ✓  | ✓   | 0                      | 10               |                      |                    |
|                            |                           |           |     |    |     |    |     |    |     |    |     |                        |                  |                      |                    |
|                            | totals                    | 37        | 34  | 39 | 37  | 35 | 33  | 36 | 27  | 37 | 34  | 349                    | 10               |                      |                    |

Notes:

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# NEW ENGLAND BIOASSAY - CHRONIC TOXICITY TEST BROOD DATA SHEET

|                          |                                                                                 |           |                           |             |         |
|--------------------------|---------------------------------------------------------------------------------|-----------|---------------------------|-------------|---------|
| FACILITY NAME & ADDRESS: | West Valley Demonstration Project WSNP001, 10282 Rock Springs Rd West Valley NY |           |                           |             |         |
| NEB PROJECT NUMBER:      | 44240                                                                           | ORGANISM: | <i>Ceriodaphnia dubia</i> | START DATE: | 3/18/26 |

| Effluent Concentration | Day Number | Replicate |    |    |    |    |    |    |    |    |    | Total Live Young | # Live Adults |  |  |
|------------------------|------------|-----------|----|----|----|----|----|----|----|----|----|------------------|---------------|--|--|
|                        |            | A         | B  | C  | D  | E  | F  | G  | H  | I  | J  |                  |               |  |  |
| 12.5%                  | 0          | ✓         | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 0                | 10            |  |  |
|                        | 1          | ✓         | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 0                | 10            |  |  |
|                        | 2          | ✓         | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 0                | 10            |  |  |
|                        | 3          | 5         | ✓  | ✓  | 7  | 2  | ✓  | ✓  | ✓  | ✓  | 6  | 20               | 10            |  |  |
|                        | 4          | ✓         | 7  | 6  | ✓  | ✓  | 6  | 5  | 6  | 4  | ✓  | 34               | 10            |  |  |
|                        | 5          | 14        | 15 | 15 | 15 | 14 | 15 | 13 | 13 | 14 | 15 | 143              | 10            |  |  |
|                        | 6          | 18        | 23 | 18 | 19 | 19 | 17 | 18 | 16 | 17 | 20 | 185              | 10            |  |  |
|                        | 7          | ✓         | ✓  | 1  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 1                | 10            |  |  |
|                        |            |           |    |    |    |    |    |    |    |    |    |                  |               |  |  |
|                        | totals     | 37        | 45 | 40 | 41 | 35 | 38 | 36 | 35 | 35 | 41 | 383              | 10            |  |  |
| 25%                    |            | A         | B  | C  | D  | E  | F  | G  | H  | I  | J  |                  |               |  |  |
|                        | 0          | ✓         | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 0                | 10            |  |  |
|                        | 1          | ✓         | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 0                | 10            |  |  |
|                        | 2          | ✓         | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 0                | 10            |  |  |
|                        | 3          | 5         | ✓  | ✓  | 5  | 5  | ✓  | 7  | ✓  | ✓  | 8  | 30               | 10            |  |  |
|                        | 4          | ✓         | 5  | 6  | ✓  | ✓  | 5  | ✓  | 6  | 5  | ✓  | 27               | 10            |  |  |
|                        | 5          | 15        | 16 | 12 | 16 | 14 | 14 | 13 | 15 | 15 | 15 | 145              | 10            |  |  |
|                        | 6          | 18        | 21 | 17 | 19 | 18 | 18 | 19 | 19 | 14 | 17 | 180              | 10            |  |  |
|                        | 7          | ✓         | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 0                | 10            |  |  |
|                        |            |           |    |    |    |    |    |    |    |    |    |                  |               |  |  |
|                        | totals     | 38        | 42 | 35 | 40 | 37 | 37 | 39 | 40 | 34 | 40 | 382              | 10            |  |  |
| 50%                    |            | A         | B  | C  | D  | E  | F  | G  | H  | I  | J  |                  |               |  |  |
|                        | 0          | ✓         | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 0                | 10            |  |  |
|                        | 1          | ✓         | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 0                | 10            |  |  |
|                        | 2          | ✓         | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 0                | 10            |  |  |
|                        | 3          | 6         | ✓  | ✓  | ✓  | ✓  | ✓  | 5  | ✓  | ✓  | 4  | 15               | 10            |  |  |
|                        | 4          | ✓         | 7  | 5  | 6  | 4  | 6  | ✓  | 5  | 7  | ✓  | 40               | 10            |  |  |
|                        | 5          | 16        | 16 | 14 | 12 | 14 | 18 | 13 | 13 | 6  | 14 | 136              | 10            |  |  |
|                        | 6          | 20        | 21 | 18 | 20 | 17 | 20 | 19 | 19 | 18 | 19 | 191              | 10            |  |  |
|                        | 7          | ✓         | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 0                | 10            |  |  |
|                        |            |           |    |    |    |    |    |    |    |    |    |                  |               |  |  |
|                        | totals     | 42        | 44 | 37 | 38 | 35 | 44 | 37 | 37 | 31 | 37 | 382              | 10            |  |  |
| 100%                   |            | A         | B  | C  | D  | E  | F  | G  | H  | I  | J  |                  |               |  |  |
|                        | 0          | ✓         | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 0                | 10            |  |  |
|                        | 1          | ✓         | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 0                | 10            |  |  |
|                        | 2          | ✓         | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 0                | 10            |  |  |
|                        | 3          | ✓         | ✓  | ✓  | 7  | 3  | ✓  | ✓  | ✓  | ✓  | 8  | 18               | 10            |  |  |
|                        | 4          | 7         | 6  | 5  | ✓  | ✓  | 7  | 7  | 5  | 5  | ✓  | 42               | 10            |  |  |
|                        | 5          | 16        | 13 | 17 | 17 | 16 | 16 | 13 | 15 | 18 | 17 | 158              | 10            |  |  |
|                        | 6          | 20        | 22 | 19 | 17 | 20 | 21 | 17 | 19 | 20 | 21 | 196              | 10            |  |  |
|                        | 7          | ✓         | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | 0                | 10            |  |  |
|                        |            |           |    |    |    |    |    |    |    |    |    |                  |               |  |  |
|                        | totals     | 43        | 41 | 41 | 41 | 39 | 44 | 37 | 39 | 43 | 46 | 414              | 10            |  |  |

# CETIS Analytical Report

Report Date: 27 Mar-26 09:03 (p 1 of 8)  
Test Code/ID: 26-511 / 03-4384-3000

## Ceriodaphnia 7-d Survival and Reproduction Test New England Bioassay

|                                      |                                                  |                                                     |
|--------------------------------------|--------------------------------------------------|-----------------------------------------------------|
| <b>Analysis ID:</b> 14-6877-4424     | <b>Endpoint:</b> 2d Survival Rate                | <b>CETIS Version:</b> CETISv2.1.4                   |
| <b>Analyzed:</b> 27 Mar-26 9:01      | <b>Analysis:</b> Linear Interpolation (ICPIN)    | <b>Status Level:</b> 1                              |
| <b>Edit Date:</b> 27 Mar-26 9:00     | <b>MD5 Hash:</b> 521A0DF2AE1E59D72392DBABE0C7AEF | <b>Editor ID:</b> 000-173-188-0                     |
| <b>Batch ID:</b> 09-7149-5182        | <b>Test Type:</b> Reproduction-Survival (7d)     | <b>Analyst:</b> Melanie Cruff                       |
| <b>Start Date:</b> 18 Mar-26 12:39   | <b>Protocol:</b> EPA/821/R-02-013 (2002)         | <b>Diluent:</b> Receiving Water                     |
| <b>Ending Date:</b> 25 Mar-26 11:25  | <b>Species:</b> Ceriodaphnia dubia               | <b>Brine:</b> Not Applicable                        |
| <b>Test Length:</b> 6d 23h           | <b>Taxon:</b> Branchiopoda                       | <b>Source:</b> In-House Culture <b>Age:</b> <24     |
| <b>Sample ID:</b> 11-5010-2938       | <b>Code:</b> 448D2D9A                            | <b>Project:</b>                                     |
| <b>Sample Date:</b> 16 Mar-26 10:15  | <b>Material:</b> WWTF Effluent                   | <b>Source:</b> West Valley Demonstration Project (N |
| <b>Receipt Date:</b> 18 Mar-26 08:01 | <b>CAS (PC):</b>                                 | <b>Station:</b>                                     |
| <b>Sample Age:</b> 50h               | <b>Client:</b> Eurofins                          |                                                     |

### Linear Interpolation Options

| X Transform | Y Transform | Seed    | Resamples | Exp 95% CL | Method                  |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Log(X)      | Linear      | 1299565 | 200       | Yes        | Two-Point Interpolation |

### Point Estimates

| Level | %    | 95% LCL | 95% UCL | Tox Units | 95% LCL | 95% UCL |
|-------|------|---------|---------|-----------|---------|---------|
| LC50  | >100 | ---     | ---     | <1        | ---     | ---     |

| 2d Survival Rate Summary |      |       | Calculated Variate(A/B) |        |        |        |       |         |       | Isotonic Variate |         |
|--------------------------|------|-------|-------------------------|--------|--------|--------|-------|---------|-------|------------------|---------|
| Conc-%                   | Code | Count | Mean                    | Median | Min    | Max    | CV%   | %Effect | ΣA/ΣB | Mean             | %Effect |
| 0                        | D    | 10    | 1.0000                  | 1.0000 | 1.0000 | 1.0000 | 0.00% | 0.00%   | 10/10 | 1.0000           | 0.00%   |
| 6.25                     |      | 10    | 1.0000                  | 1.0000 | 1.0000 | 1.0000 | 0.00% | 0.00%   | 10/10 | 1.0000           | 0.00%   |
| 12.5                     |      | 10    | 1.0000                  | 1.0000 | 1.0000 | 1.0000 | 0.00% | 0.00%   | 10/10 | 1.0000           | 0.00%   |
| 25                       |      | 10    | 1.0000                  | 1.0000 | 1.0000 | 1.0000 | 0.00% | 0.00%   | 10/10 | 1.0000           | 0.00%   |
| 50                       |      | 10    | 1.0000                  | 1.0000 | 1.0000 | 1.0000 | 0.00% | 0.00%   | 10/10 | 1.0000           | 0.00%   |
| 100                      |      | 10    | 1.0000                  | 1.0000 | 1.0000 | 1.0000 | 0.00% | 0.00%   | 10/10 | 1.0000           | 0.00%   |

### 2d Survival Rate Detail

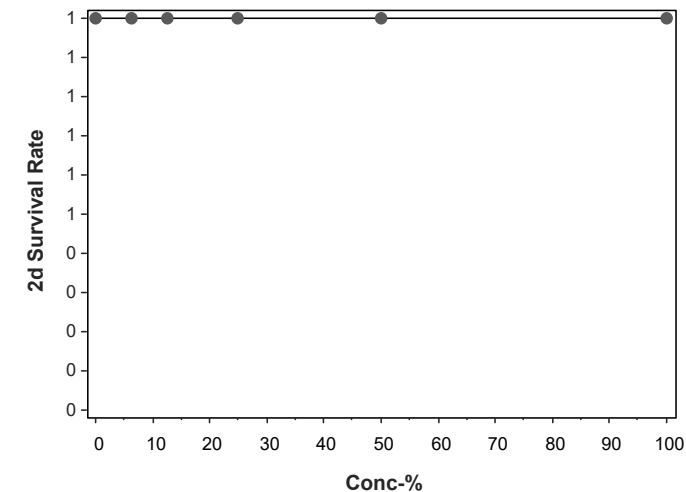
| Conc-% | Code | Rep 1  | Rep 2  | Rep 3  | Rep 4  | Rep 5  | Rep 6  | Rep 7  | Rep 8  | Rep 9  | Rep 10 |
|--------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0      | D    | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 6.25   |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 12.5   |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 25     |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 50     |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 100    |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |

### 2d Survival Rate Binomials

| Conc-% | Code | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0      | D    | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 6.25   |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 12.5   |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 25     |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 50     |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 100    |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |

| Ceriodaphnia 7-d Survival and Reproduction Test |                |           |                                 | New England Bioassay |               |
|-------------------------------------------------|----------------|-----------|---------------------------------|----------------------|---------------|
| Analysis ID:                                    | 14-6877-4424   | Endpoint: | 2d Survival Rate                | CETIS Version:       | CETISv2.1.4   |
| Analyzed:                                       | 27 Mar-26 9:01 | Analysis: | Linear Interpolation (ICPIN)    | Status Level:        | 1             |
| Edit Date:                                      | 27 Mar-26 9:00 | MD5 Hash: | 521A0DF2AE1E59D72392DBABE0C7AEF | Editor ID:           | 000-173-188-0 |

Graphics



## CETIS Analytical Report

Report Date: 27 Mar-26 09:03 (p 1 of 4)  
 Test Code/ID: 26-511 / 03-4384-3000

## Ceriodaphnia 7-d Survival and Reproduction Test

## New England Bioassay

|                                      |                                                  |                                                     |
|--------------------------------------|--------------------------------------------------|-----------------------------------------------------|
| <b>Analysis ID:</b> 19-5157-4215     | <b>Endpoint:</b> 2d Survival Rate                | <b>CETIS Version:</b> CETISv2.1.4                   |
| <b>Analyzed:</b> 27 Mar-26 9:01      | <b>Analysis:</b> STP 2xK Contingency Tables      | <b>Status Level:</b> 1                              |
| <b>Edit Date:</b> 27 Mar-26 9:00     | <b>MD5 Hash:</b> 521A0DF2AE1E59D72392DBABE0C7AEF | <b>Editor ID:</b> 000-173-188-0                     |
| <b>Batch ID:</b> 09-7149-5182        | <b>Test Type:</b> Reproduction-Survival (7d)     | <b>Analyst:</b> Melanie Cruff                       |
| <b>Start Date:</b> 18 Mar-26 12:39   | <b>Protocol:</b> EPA/821/R-02-013 (2002)         | <b>Diluent:</b> Receiving Water                     |
| <b>Ending Date:</b> 25 Mar-26 11:25  | <b>Species:</b> Ceriodaphnia dubia               | <b>Brine:</b> Not Applicable                        |
| <b>Test Length:</b> 6d 23h           | <b>Taxon:</b> Branchiopoda                       | <b>Source:</b> In-House Culture <b>Age:</b> <24     |
| <b>Sample ID:</b> 11-5010-2938       | <b>Code:</b> 448D2D9A                            | <b>Project:</b>                                     |
| <b>Sample Date:</b> 16 Mar-26 10:15  | <b>Material:</b> WWTF Effluent                   | <b>Source:</b> West Valley Demonstration Project (N |
| <b>Receipt Date:</b> 18 Mar-26 08:01 | <b>CAS (PC):</b>                                 | <b>Station:</b>                                     |
| <b>Sample Age:</b> 50h               | <b>Client:</b> Eurofins                          |                                                     |

| Data Transform | Alt Hyp | NOEL | LOEL | TOEL | Tox Units |
|----------------|---------|------|------|------|-----------|
| Untransformed  | C > T   | 100  | >100 | ---  | 1         |

## Fisher Exact/Bonferroni-Holm Test

| Control        | vs | Conc-% | Test Stat | P-Type | P-Value | Decision(α:5%)         |
|----------------|----|--------|-----------|--------|---------|------------------------|
| Dilution Water |    | 6.25   | 1.0000    | Exact  | 1.0000  | Non-Significant Effect |
|                |    | 12.5   | 1.0000    | Exact  | 1.0000  | Non-Significant Effect |
|                |    | 25     | 1.0000    | Exact  | 1.0000  | Non-Significant Effect |
|                |    | 50     | 1.0000    | Exact  | 1.0000  | Non-Significant Effect |
|                |    | 100    | 1.0000    | Exact  | 1.0000  | Non-Significant Effect |

## 2d Survival Rate Frequencies

| Conc-% | Code | NR | R | NR + R | Prop NR | Prop R | %Effect |
|--------|------|----|---|--------|---------|--------|---------|
| 0      | D    | 10 | 0 | 10     | 1.0000  | 0.0000 | 0.00%   |
| 6.25   |      | 10 | 0 | 10     | 1.0000  | 0.0000 | 0.00%   |
| 12.5   |      | 10 | 0 | 10     | 1.0000  | 0.0000 | 0.00%   |
| 25     |      | 10 | 0 | 10     | 1.0000  | 0.0000 | 0.00%   |
| 50     |      | 10 | 0 | 10     | 1.0000  | 0.0000 | 0.00%   |
| 100    |      | 10 | 0 | 10     | 1.0000  | 0.0000 | 0.00%   |

## 2d Survival Rate Summary

| Conc-% | Code | Count | Mean   | 95% LCL | 95% UCL | Median | Min    | Max    | Std Err | CV%   | %Effect |
|--------|------|-------|--------|---------|---------|--------|--------|--------|---------|-------|---------|
| 0      | D    | 10    | 1.0000 | 1.0000  | 1.0000  | 1.0000 | 1.0000 | 1.0000 | 0.0000  | 0.00% | 0.00%   |
| 6.25   |      | 10    | 1.0000 | 1.0000  | 1.0000  | 1.0000 | 1.0000 | 1.0000 | 0.0000  | 0.00% | 0.00%   |
| 12.5   |      | 10    | 1.0000 | 1.0000  | 1.0000  | 1.0000 | 1.0000 | 1.0000 | 0.0000  | 0.00% | 0.00%   |
| 25     |      | 10    | 1.0000 | 1.0000  | 1.0000  | 1.0000 | 1.0000 | 1.0000 | 0.0000  | 0.00% | 0.00%   |
| 50     |      | 10    | 1.0000 | 1.0000  | 1.0000  | 1.0000 | 1.0000 | 1.0000 | 0.0000  | 0.00% | 0.00%   |
| 100    |      | 10    | 1.0000 | 1.0000  | 1.0000  | 1.0000 | 1.0000 | 1.0000 | 0.0000  | 0.00% | 0.00%   |

## 2d Survival Rate Detail

| Conc-% | Code | Rep 1  | Rep 2  | Rep 3  | Rep 4  | Rep 5  | Rep 6  | Rep 7  | Rep 8  | Rep 9  | Rep 10 |
|--------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0      | D    | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 6.25   |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 12.5   |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 25     |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 50     |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 100    |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |

# CETIS Analytical Report

Report Date: 27 Mar-26 09:03 (p 2 of 4)  
Test Code/ID: 26-511 / 03-4384-3000

## Ceriodaphnia 7-d Survival and Reproduction Test

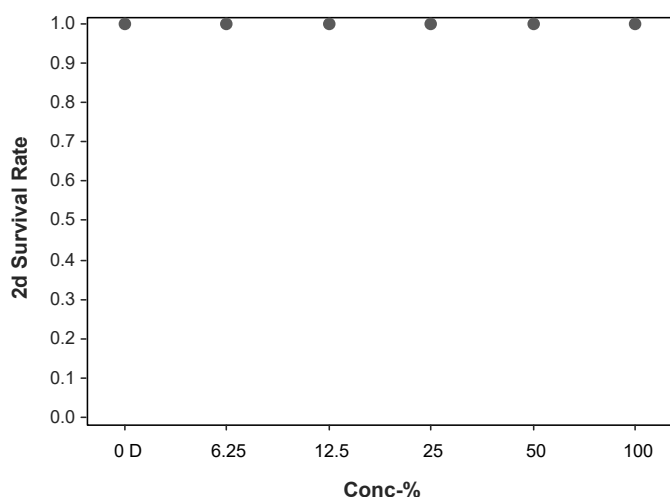
New England Bioassay

Analysis ID: 19-5157-4215      Endpoint: 2d Survival Rate      CETIS Version: CETISv2.1.4  
Analyzed: 27 Mar-26 9:01      Analysis: STP 2xK Contingency Tables      Status Level: 1  
Edit Date: 27 Mar-26 9:00      MD5 Hash: 521A0DF2AE1E59D72392DBABE0C7AEF      Editor ID: 000-173-188-0

### 2d Survival Rate Binomials

| Conc-% | Code | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0      | D    | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 6.25   |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 12.5   |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 25     |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 50     |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 100    |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |

### Graphics



## CETIS Analytical Report

Report Date: 27 Mar-26 09:03 (p 3 of 8)  
 Test Code/ID: 26-511 / 03-4384-3000

## Ceriodaphnia 7-d Survival and Reproduction Test

New England Bioassay

|                                      |                                                   |                                                     |
|--------------------------------------|---------------------------------------------------|-----------------------------------------------------|
| <b>Analysis ID:</b> 13-3138-4967     | <b>Endpoint:</b> 7d Survival Rate                 | <b>CETIS Version:</b> CETISv2.1.4                   |
| <b>Analyzed:</b> 27 Mar-26 9:01      | <b>Analysis:</b> Linear Interpolation (ICPIN)     | <b>Status Level:</b> 1                              |
| <b>Edit Date:</b> 27 Mar-26 9:00     | <b>MD5 Hash:</b> E9BAF7DCB405FB84651EC9F46E5FFF78 | <b>Editor ID:</b> 000-173-188-0                     |
| <b>Batch ID:</b> 09-7149-5182        | <b>Test Type:</b> Reproduction-Survival (7d)      | <b>Analyst:</b> Melanie Cruff                       |
| <b>Start Date:</b> 18 Mar-26 12:39   | <b>Protocol:</b> EPA/821/R-02-013 (2002)          | <b>Diluent:</b> Receiving Water                     |
| <b>Ending Date:</b> 25 Mar-26 11:25  | <b>Species:</b> Ceriodaphnia dubia                | <b>Brine:</b> Not Applicable                        |
| <b>Test Length:</b> 6d 23h           | <b>Taxon:</b> Branchiopoda                        | <b>Source:</b> In-House Culture <b>Age:</b> <24     |
| <b>Sample ID:</b> 11-5010-2938       | <b>Code:</b> 448D2D9A                             | <b>Project:</b>                                     |
| <b>Sample Date:</b> 16 Mar-26 10:15  | <b>Material:</b> WWTF Effluent                    | <b>Source:</b> West Valley Demonstration Project (N |
| <b>Receipt Date:</b> 18 Mar-26 08:01 | <b>CAS (PC):</b>                                  | <b>Station:</b>                                     |
| <b>Sample Age:</b> 50h               | <b>Client:</b> Eurofins                           |                                                     |

## Linear Interpolation Options

| X Transform | Y Transform | Seed    | Resamples | Exp 95% CL | Method                  |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Log(X)      | Linear      | 1201739 | 200       | Yes        | Two-Point Interpolation |

## Test Acceptability Criteria

| Attribute    | Test Stat | TAC Limits |       | Overlap | Decision        |
|--------------|-----------|------------|-------|---------|-----------------|
|              |           | Lower      | Upper |         |                 |
| Control Resp | 0.9       | 0.8        | <<    | Yes     | Passes Criteria |

## Point Estimates

| Level | %    | 95% LCL | 95% UCL | Tox Units | 95% LCL | 95% UCL |
|-------|------|---------|---------|-----------|---------|---------|
| LC50  | >100 | ---     | ---     | <1        | ---     | ---     |

## 7d Survival Rate Summary

| Conc-% | Code | Count | Calculated Variate(A/B) |        |        |        |        |         |       | Isotonic Variate |         |
|--------|------|-------|-------------------------|--------|--------|--------|--------|---------|-------|------------------|---------|
|        |      |       | Mean                    | Median | Min    | Max    | CV%    | %Effect | ΣA/ΣB | Mean             | %Effect |
| 0      | D    | 10    | 0.9000                  | 1.0000 | 0.0000 | 1.0000 | 35.14% | 0.00%   | 9/10  | 0.9833           | 0.00%   |
| 6.25   |      | 10    | 1.0000                  | 1.0000 | 1.0000 | 1.0000 | 0.00%  | -11.11% | 10/10 | 0.9833           | 0.00%   |
| 12.5   |      | 10    | 1.0000                  | 1.0000 | 1.0000 | 1.0000 | 0.00%  | -11.11% | 10/10 | 0.9833           | 0.00%   |
| 25     |      | 10    | 1.0000                  | 1.0000 | 1.0000 | 1.0000 | 0.00%  | -11.11% | 10/10 | 0.9833           | 0.00%   |
| 50     |      | 10    | 1.0000                  | 1.0000 | 1.0000 | 1.0000 | 0.00%  | -11.11% | 10/10 | 0.9833           | 0.00%   |
| 100    |      | 10    | 1.0000                  | 1.0000 | 1.0000 | 1.0000 | 0.00%  | -11.11% | 10/10 | 0.9833           | 0.00%   |

## 7d Survival Rate Detail

| Conc-% | Code | Rep 1  | Rep 2  | Rep 3  | Rep 4  | Rep 5  | Rep 6  | Rep 7  | Rep 8  | Rep 9  | Rep 10 |
|--------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0      | D    | 1.0000 | 1.0000 | 1.0000 | 0.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 6.25   |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 12.5   |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 25     |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 50     |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 100    |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |

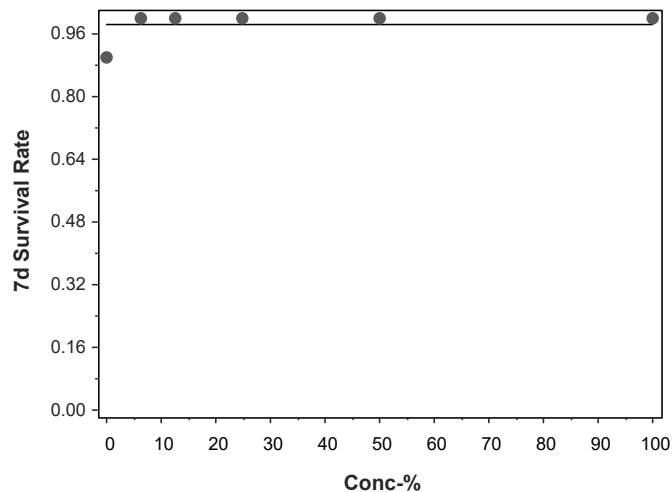
## 7d Survival Rate Binomials

| Conc-% | Code | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0      | D    | 1/1   | 1/1   | 1/1   | 0/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 6.25   |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 12.5   |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 25     |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 50     |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 100    |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |



| Ceriodaphnia 7-d Survival and Reproduction Test |                |           | New England Bioassay             |                            |
|-------------------------------------------------|----------------|-----------|----------------------------------|----------------------------|
| Analysis ID:                                    | 13-3138-4967   | Endpoint: | 7d Survival Rate                 | CETIS Version: CETISv2.1.4 |
| Analyzed:                                       | 27 Mar-26 9:01 | Analysis: | Linear Interpolation (ICPIN)     | Status Level: 1            |
| Edit Date:                                      | 27 Mar-26 9:00 | MD5 Hash: | E9BAF7DCB405FB84651EC9F46E5FFF78 | Editor ID: 000-173-188-0   |

Graphics



# CETIS Analytical Report

Report Date: 27 Mar-26 09:03 (p 3 of 4)  
Test Code/ID: 26-511 / 03-4384-3000

## Ceriodaphnia 7-d Survival and Reproduction Test New England Bioassay

|                                      |                                                   |                                                     |
|--------------------------------------|---------------------------------------------------|-----------------------------------------------------|
| <b>Analysis ID:</b> 07-8078-0299     | <b>Endpoint:</b> 7d Survival Rate                 | <b>CETIS Version:</b> CETISv2.1.4                   |
| <b>Analyzed:</b> 27 Mar-26 9:01      | <b>Analysis:</b> STP 2xK Contingency Tables       | <b>Status Level:</b> 1                              |
| <b>Edit Date:</b> 27 Mar-26 9:00     | <b>MD5 Hash:</b> E9BAF7DCB405FB84651EC9F46E5FFF78 | <b>Editor ID:</b> 000-173-188-0                     |
| <b>Batch ID:</b> 09-7149-5182        | <b>Test Type:</b> Reproduction-Survival (7d)      | <b>Analyst:</b> Melanie Cruff                       |
| <b>Start Date:</b> 18 Mar-26 12:39   | <b>Protocol:</b> EPA/821/R-02-013 (2002)          | <b>Diluent:</b> Receiving Water                     |
| <b>Ending Date:</b> 25 Mar-26 11:25  | <b>Species:</b> Ceriodaphnia dubia                | <b>Brine:</b> Not Applicable                        |
| <b>Test Length:</b> 6d 23h           | <b>Taxon:</b> Branchiopoda                        | <b>Source:</b> In-House Culture <b>Age:</b> <24     |
| <b>Sample ID:</b> 11-5010-2938       | <b>Code:</b> 448D2D9A                             | <b>Project:</b>                                     |
| <b>Sample Date:</b> 16 Mar-26 10:15  | <b>Material:</b> WWTF Effluent                    | <b>Source:</b> West Valley Demonstration Project (N |
| <b>Receipt Date:</b> 18 Mar-26 08:01 | <b>CAS (PC):</b>                                  | <b>Station:</b>                                     |
| <b>Sample Age:</b> 50h               | <b>Client:</b> Eurofins                           |                                                     |

| Data Transform | Alt Hyp | NOEL | LOEL | TOEL | Tox Units |
|----------------|---------|------|------|------|-----------|
| Untransformed  | C > T   | 100  | >100 | ---  | 1         |

| Fisher Exact/Bonferroni-Holm Test |    |        |           |        |         |                        |
|-----------------------------------|----|--------|-----------|--------|---------|------------------------|
| Control                           | vs | Conc-% | Test Stat | P-Type | P-Value | Decision(α:5%)         |
| Dilution Water                    |    | 6.25   | 1.0000    | Exact  | 1.0000  | Non-Significant Effect |
|                                   |    | 12.5   | 1.0000    | Exact  | 1.0000  | Non-Significant Effect |
|                                   |    | 25     | 1.0000    | Exact  | 1.0000  | Non-Significant Effect |
|                                   |    | 50     | 1.0000    | Exact  | 1.0000  | Non-Significant Effect |
|                                   |    | 100    | 1.0000    | Exact  | 1.0000  | Non-Significant Effect |

| Test Acceptability Criteria |           | TAC Limits |       | Overlap | Decision        |
|-----------------------------|-----------|------------|-------|---------|-----------------|
| Attribute                   | Test Stat | Lower      | Upper |         |                 |
| Control Resp                | 0.9       | 0.8        | <<    | Yes     | Passes Criteria |

| 7d Survival Rate Frequencies |      |    |   |        |         |        |         |
|------------------------------|------|----|---|--------|---------|--------|---------|
| Conc-%                       | Code | NR | R | NR + R | Prop NR | Prop R | %Effect |
| 0                            | D    | 9  | 1 | 10     | 0.9000  | 0.1000 | 0.00%   |
| 6.25                         |      | 10 | 0 | 10     | 1.0000  | 0.0000 | -11.11% |
| 12.5                         |      | 10 | 0 | 10     | 1.0000  | 0.0000 | -11.11% |
| 25                           |      | 10 | 0 | 10     | 1.0000  | 0.0000 | -11.11% |
| 50                           |      | 10 | 0 | 10     | 1.0000  | 0.0000 | -11.11% |
| 100                          |      | 10 | 0 | 10     | 1.0000  | 0.0000 | -11.11% |

| 7d Survival Rate Summary |      |       |        |         |         |        |        |        |         |        |         |
|--------------------------|------|-------|--------|---------|---------|--------|--------|--------|---------|--------|---------|
| Conc-%                   | Code | Count | Mean   | 95% LCL | 95% UCL | Median | Min    | Max    | Std Err | CV%    | %Effect |
| 0                        | D    | 10    | 0.9000 | 0.6738  | 1.0000  | 1.0000 | 0.0000 | 1.0000 | 0.1000  | 35.14% | 0.00%   |
| 6.25                     |      | 10    | 1.0000 | 1.0000  | 1.0000  | 1.0000 | 1.0000 | 1.0000 | 0.0000  | 0.00%  | -11.11% |
| 12.5                     |      | 10    | 1.0000 | 1.0000  | 1.0000  | 1.0000 | 1.0000 | 1.0000 | 0.0000  | 0.00%  | -11.11% |
| 25                       |      | 10    | 1.0000 | 1.0000  | 1.0000  | 1.0000 | 1.0000 | 1.0000 | 0.0000  | 0.00%  | -11.11% |
| 50                       |      | 10    | 1.0000 | 1.0000  | 1.0000  | 1.0000 | 1.0000 | 1.0000 | 0.0000  | 0.00%  | -11.11% |
| 100                      |      | 10    | 1.0000 | 1.0000  | 1.0000  | 1.0000 | 1.0000 | 1.0000 | 0.0000  | 0.00%  | -11.11% |

| 7d Survival Rate Detail |      |        |        |        |        |        |        |        |        |        |        |
|-------------------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Conc-%                  | Code | Rep 1  | Rep 2  | Rep 3  | Rep 4  | Rep 5  | Rep 6  | Rep 7  | Rep 8  | Rep 9  | Rep 10 |
| 0                       | D    | 1.0000 | 1.0000 | 1.0000 | 0.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 6.25                    |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 12.5                    |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 25                      |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 50                      |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 100                     |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |

# CETIS Analytical Report

Report Date: 27 Mar-26 09:03 (p 4 of 4)  
Test Code/ID: 26-511 / 03-4384-3000

## Ceriodaphnia 7-d Survival and Reproduction Test

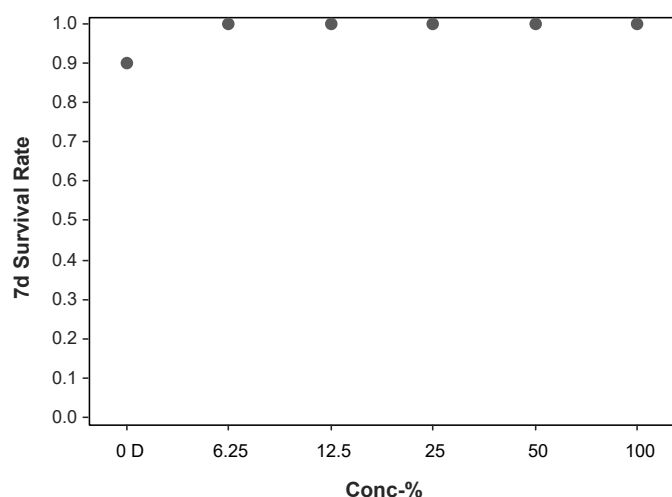
New England Bioassay

Analysis ID: 07-8078-0299      Endpoint: 7d Survival Rate      CETIS Version: CETISv2.1.4  
Analyzed: 27 Mar-26 9:01      Analysis: STP 2xK Contingency Tables      Status Level: 1  
Edit Date: 27 Mar-26 9:00      MD5 Hash: E9BAF7DCB405FB84651EC9F46E5FFF78      Editor ID: 000-173-188-0

### 7d Survival Rate Binomials

| Conc-% | Code | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0      | D    | 1/1   | 1/1   | 1/1   | 0/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 6.25   |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 12.5   |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 25     |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 50     |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 100    |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |

### Graphics



## CETIS Analytical Report

Report Date: 27 Mar-26 09:05 (p 1 of 2)  
 Test Code/ID: 26-511 / 03-4384-3000

## Ceriodaphnia 7-d Survival and Reproduction Test

New England Bioassay

|                               |                                            |                                              |
|-------------------------------|--------------------------------------------|----------------------------------------------|
| Analysis ID: 05-8154-2142     | Endpoint: 7d Survival Rate                 | CETIS Version: CETISv2.1.4                   |
| Analyzed: 27 Mar-26 9:04      | Analysis: Linear Interpolation (ICPIN)     | Status Level: 1                              |
| Edit Date: 27 Mar-26 9:00     | MD5 Hash: E9BAF7DCB405FB84651EC9F46E5FFF78 | Editor ID: 000-173-188-0                     |
| Batch ID: 09-7149-5182        | Test Type: Reproduction-Survival (7d)      | Analyst: Melanie Cruff                       |
| Start Date: 18 Mar-26 12:39   | Protocol: EPA/821/R-02-013 (2002)          | Diluent: Receiving Water                     |
| Ending Date: 25 Mar-26 11:25  | Species: Ceriodaphnia dubia                | Brine: Not Applicable                        |
| Test Length: 6d 23h           | Taxon: Branchiopoda                        | Source: In-House Culture Age: <24            |
| Sample ID: 11-5010-2938       | Code: 448D2D9A                             | Project:                                     |
| Sample Date: 16 Mar-26 10:15  | Material: WWTF Effluent                    | Source: West Valley Demonstration Project (N |
| Receipt Date: 18 Mar-26 08:01 | CAS (PC):                                  | Station:                                     |
| Sample Age: 50h               | Client: Eurofins                           |                                              |

## Linear Interpolation Options

| X Transform | Y Transform | Seed   | Resamples | Exp 95% CL | Method                  |
|-------------|-------------|--------|-----------|------------|-------------------------|
| Linear      | Linear      | 201032 | 200       | Yes        | Two-Point Interpolation |

## Test Acceptability Criteria

| Attribute    | Test Stat | TAC Limits |       | Overlap | Decision        |
|--------------|-----------|------------|-------|---------|-----------------|
|              |           | Lower      | Upper |         |                 |
| Control Resp | 0.9       | 0.8        | <<    | Yes     | Passes Criteria |

## Point Estimates

| Level | %    | 95% LCL | 95% UCL | Tox Units | 95% LCL | 95% UCL |
|-------|------|---------|---------|-----------|---------|---------|
| LC25  | >100 | ---     | ---     | <1        | ---     | ---     |

## 7d Survival Rate Summary

| Conc-% | Code | Count | Calculated Variate(A/B) |        |        |        |        |         |       | Isotonic Variate |         |
|--------|------|-------|-------------------------|--------|--------|--------|--------|---------|-------|------------------|---------|
|        |      |       | Mean                    | Median | Min    | Max    | CV%    | %Effect | ΣA/ΣB | Mean             | %Effect |
| 0      | D    | 10    | 0.9000                  | 1.0000 | 0.0000 | 1.0000 | 35.14% | 0.00%   | 9/10  | 0.9833           | 0.00%   |
| 6.25   |      | 10    | 1.0000                  | 1.0000 | 1.0000 | 1.0000 | 0.00%  | -11.11% | 10/10 | 0.9833           | 0.00%   |
| 12.5   |      | 10    | 1.0000                  | 1.0000 | 1.0000 | 1.0000 | 0.00%  | -11.11% | 10/10 | 0.9833           | 0.00%   |
| 25     |      | 10    | 1.0000                  | 1.0000 | 1.0000 | 1.0000 | 0.00%  | -11.11% | 10/10 | 0.9833           | 0.00%   |
| 50     |      | 10    | 1.0000                  | 1.0000 | 1.0000 | 1.0000 | 0.00%  | -11.11% | 10/10 | 0.9833           | 0.00%   |
| 100    |      | 10    | 1.0000                  | 1.0000 | 1.0000 | 1.0000 | 0.00%  | -11.11% | 10/10 | 0.9833           | 0.00%   |

## 7d Survival Rate Detail

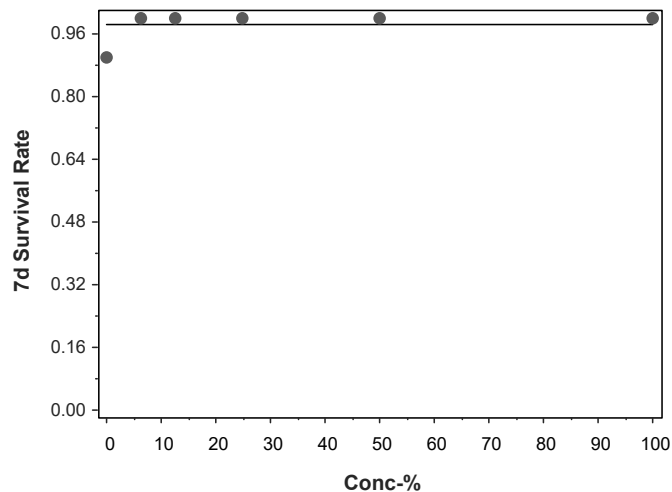
| Conc-% | Code | Rep 1  | Rep 2  | Rep 3  | Rep 4  | Rep 5  | Rep 6  | Rep 7  | Rep 8  | Rep 9  | Rep 10 |
|--------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0      | D    | 1.0000 | 1.0000 | 1.0000 | 0.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 6.25   |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 12.5   |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 25     |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 50     |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 100    |      | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |

## 7d Survival Rate Binomials

| Conc-% | Code | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0      | D    | 1/1   | 1/1   | 1/1   | 0/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 6.25   |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 12.5   |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 25     |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 50     |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |
| 100    |      | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1   | 1/1    |

| Ceriodaphnia 7-d Survival and Reproduction Test |                |           | New England Bioassay             |                            |
|-------------------------------------------------|----------------|-----------|----------------------------------|----------------------------|
| Analysis ID:                                    | 05-8154-2142   | Endpoint: | 7d Survival Rate                 | CETIS Version: CETISv2.1.4 |
| Analyzed:                                       | 27 Mar-26 9:04 | Analysis: | Linear Interpolation (ICPIN)     | Status Level: 1            |
| Edit Date:                                      | 27 Mar-26 9:00 | MD5 Hash: | E9BAF7DCB405FB84651EC9F46E5FFF78 | Editor ID: 000-173-188-0   |

Graphics



# CETIS Analytical Report

Report Date: 27 Mar-26 09:03 (p 1 of 2)  
Test Code/ID: 26-511 / 03-4384-3000

## Ceriodaphnia 7-d Survival and Reproduction Test New England Bioassay

|                                      |                                                      |                                                     |
|--------------------------------------|------------------------------------------------------|-----------------------------------------------------|
| <b>Analysis ID:</b> 17-6535-3351     | <b>Endpoint:</b> Reproduction                        | <b>CETIS Version:</b> CETISv2.1.4                   |
| <b>Analyzed:</b> 27 Mar-26 9:02      | <b>Analysis:</b> Nonparametric-Control vs Treatments | <b>Status Level:</b> 1                              |
| <b>Edit Date:</b> 27 Mar-26 9:00     | <b>MD5 Hash:</b> 685F85B0BE19FCAF5EC28F9E7E51BE64    | <b>Editor ID:</b> 000-173-188-0                     |
| <b>Batch ID:</b> 09-7149-5182        | <b>Test Type:</b> Reproduction-Survival (7d)         | <b>Analyst:</b> Melanie Cruff                       |
| <b>Start Date:</b> 18 Mar-26 12:39   | <b>Protocol:</b> EPA/821/R-02-013 (2002)             | <b>Diluent:</b> Receiving Water                     |
| <b>Ending Date:</b> 25 Mar-26 11:25  | <b>Species:</b> Ceriodaphnia dubia                   | <b>Brine:</b> Not Applicable                        |
| <b>Test Length:</b> 6d 23h           | <b>Taxon:</b> Branchiopoda                           | <b>Source:</b> In-House Culture <b>Age:</b> <24     |
| <b>Sample ID:</b> 11-5010-2938       | <b>Code:</b> 448D2D9A                                | <b>Project:</b>                                     |
| <b>Sample Date:</b> 16 Mar-26 10:15  | <b>Material:</b> WWTF Effluent                       | <b>Source:</b> West Valley Demonstration Project (N |
| <b>Receipt Date:</b> 18 Mar-26 08:01 | <b>CAS (PC):</b>                                     | <b>Station:</b>                                     |
| <b>Sample Age:</b> 50h               | <b>Client:</b> Eurofins                              |                                                     |

| Data Transform | Alt Hyp | NOEL | LOEL | TOEL | Tox Units | MSDu  | PMSD   |
|----------------|---------|------|------|------|-----------|-------|--------|
| Untransformed  | C > T   | 100  | >100 | ---  | 1         | 5.411 | 17.63% |

### Steel Many-One Rank Sum Test

| Control        | vs | Conc.-% | df | Test Stat | Critical | Ties | P-Type | P-Value | Decision(α:5%)         |
|----------------|----|---------|----|-----------|----------|------|--------|---------|------------------------|
| Dilution Water |    | 6.25    | 18 | 115       | 75       | 5    | CDF    | 0.9697  | Non-Significant Effect |
|                |    | 12.5    | 18 | 136.5     | 75       | 3    | CDF    | 0.9999  | Non-Significant Effect |
|                |    | 25      | 18 | 136.5     | 75       | 5    | CDF    | 0.9999  | Non-Significant Effect |
|                |    | 50      | 18 | 132       | 75       | 3    | CDF    | 0.9997  | Non-Significant Effect |
|                |    | 100     | 18 | 149.5     | 75       | 2    | CDF    | 1.0000  | Non-Significant Effect |

### Test Acceptability Criteria

|              |           | TAC Limits |       |         |                 |
|--------------|-----------|------------|-------|---------|-----------------|
| Attribute    | Test Stat | Lower      | Upper | Overlap | Decision        |
| Control Resp | 30.7      | 15         | <<    | Yes     | Passes Criteria |
| PMSD         | 0.1763    | 0.13       | 0.47  | Yes     | Passes Criteria |

### ANOVA Table

| Source  | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(α:5%)     |
|---------|-------------|-------------|----|--------|---------|--------------------|
| Between | 680.15      | 136.03      | 5  | 4.869  | 0.0010  | Significant Effect |
| Error   | 1508.7      | 27.9389     | 54 |        |         |                    |
| Total   | 2188.85     |             | 59 |        |         |                    |

### ANOVA Assumptions Tests

| Attribute    | Test                               | Test Stat | Critical | P-Value  | Decision(α:1%)          |
|--------------|------------------------------------|-----------|----------|----------|-------------------------|
| Variance     | Bartlett Equality of Variance Test | 32.84     | 15.09    | <1.0E-05 | Unequal Variances       |
| Distribution | Shapiro-Wilk W Normality Test      | 0.8268    | 0.9459   | <1.0E-05 | Non-Normal Distribution |

### Reproduction Summary

| Conc.-% | Code | Count | Mean | 95% LCL | 95% UCL | Median | Min | Max | Std Err | CV%    | %Effect |
|---------|------|-------|------|---------|---------|--------|-----|-----|---------|--------|---------|
| 0       | D    | 10    | 30.7 | 23.02   | 38.38   | 34     | 5   | 40  | 3.396   | 34.98% | 0.00%   |
| 6.25    |      | 10    | 34.9 | 32.53   | 37.27   | 35.5   | 27  | 39  | 1.048   | 9.50%  | -13.68% |
| 12.5    |      | 10    | 38.3 | 35.89   | 40.71   | 37.5   | 35  | 45  | 1.065   | 8.79%  | -24.76% |
| 25      |      | 10    | 38.2 | 36.42   | 39.98   | 38.5   | 34  | 42  | 0.786   | 6.51%  | -24.43% |
| 50      |      | 10    | 38.2 | 35.28   | 41.12   | 37     | 31  | 44  | 1.289   | 10.67% | -24.43% |
| 100     |      | 10    | 41.4 | 39.49   | 43.31   | 41     | 37  | 46  | 0.8459  | 6.46%  | -34.85% |

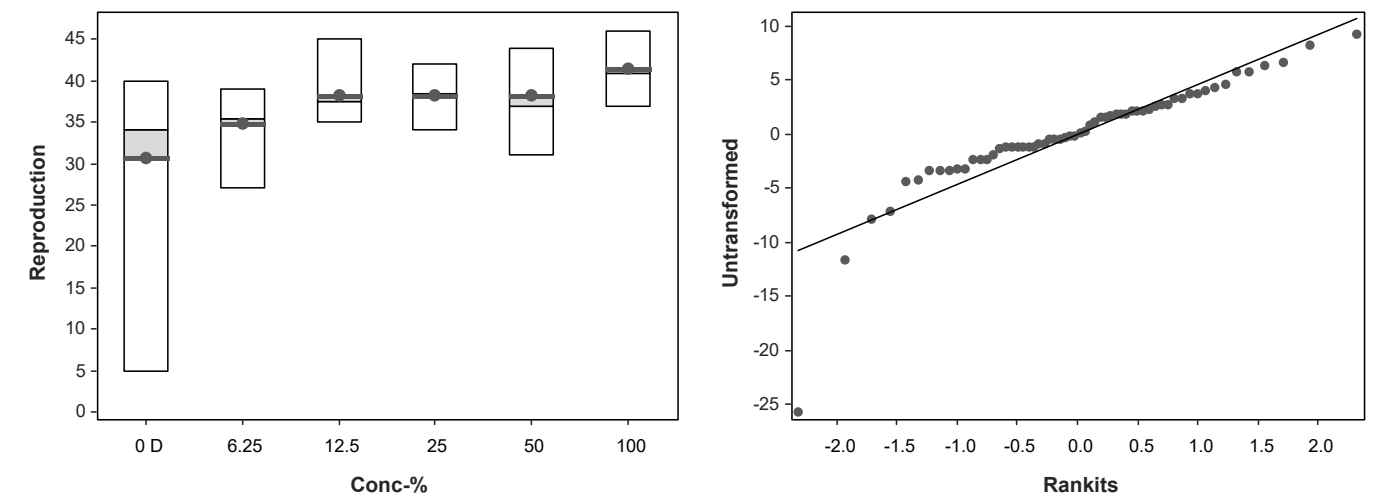
### Reproduction Detail

| Conc.-% | Code | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|---------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0       | D    | 19    | 40    | 39    | 5     | 37    | 34    | 34    | 33    | 31    | 35     |
| 6.25    |      | 37    | 34    | 39    | 37    | 35    | 33    | 36    | 27    | 37    | 34     |
| 12.5    |      | 37    | 45    | 40    | 41    | 35    | 38    | 36    | 35    | 35    | 41     |
| 25      |      | 38    | 42    | 35    | 40    | 37    | 37    | 39    | 40    | 34    | 40     |
| 50      |      | 42    | 44    | 37    | 38    | 35    | 44    | 37    | 37    | 31    | 37     |
| 100     |      | 43    | 41    | 41    | 41    | 39    | 44    | 37    | 39    | 43    | 46     |

Ceriodaphnia 7-d Survival and Reproduction Test New England Bioassay

|              |                |           |                                     |                |               |
|--------------|----------------|-----------|-------------------------------------|----------------|---------------|
| Analysis ID: | 17-6535-3351   | Endpoint: | Reproduction                        | CETIS Version: | CETISv2.1.4   |
| Analyzed:    | 27 Mar-26 9:02 | Analysis: | Nonparametric-Control vs Treatments | Status Level:  | 1             |
| Edit Date:   | 27 Mar-26 9:00 | MD5 Hash: | 685F85B0BE19FCAF5EC28F9E7E51BE64    | Editor ID:     | 000-173-188-0 |

Graphics



# CETIS Analytical Report

Report Date: 27 Mar-26 09:03 (p 7 of 8)  
Test Code/ID: 26-511 / 03-4384-3000

## Ceriodaphnia 7-d Survival and Reproduction Test New England Bioassay

|                                      |                                                   |                                                     |
|--------------------------------------|---------------------------------------------------|-----------------------------------------------------|
| <b>Analysis ID:</b> 02-0257-1350     | <b>Endpoint:</b> Reproduction                     | <b>CETIS Version:</b> CETISv2.1.4                   |
| <b>Analyzed:</b> 27 Mar-26 9:02      | <b>Analysis:</b> Linear Interpolation (ICPIN)     | <b>Status Level:</b> 1                              |
| <b>Edit Date:</b> 27 Mar-26 9:00     | <b>MD5 Hash:</b> 685F85B0BE19FCAF5EC28F9E7E51BE64 | <b>Editor ID:</b> 000-173-188-0                     |
| <b>Batch ID:</b> 09-7149-5182        | <b>Test Type:</b> Reproduction-Survival (7d)      | <b>Analyst:</b> Melanie Cruff                       |
| <b>Start Date:</b> 18 Mar-26 12:39   | <b>Protocol:</b> EPA/821/R-02-013 (2002)          | <b>Diluent:</b> Receiving Water                     |
| <b>Ending Date:</b> 25 Mar-26 11:25  | <b>Species:</b> Ceriodaphnia dubia                | <b>Brine:</b> Not Applicable                        |
| <b>Test Length:</b> 6d 23h           | <b>Taxon:</b> Branchiopoda                        | <b>Source:</b> In-House Culture <b>Age:</b> <24     |
| <b>Sample ID:</b> 11-5010-2938       | <b>Code:</b> 448D2D9A                             | <b>Project:</b>                                     |
| <b>Sample Date:</b> 16 Mar-26 10:15  | <b>Material:</b> WWTF Effluent                    | <b>Source:</b> West Valley Demonstration Project (N |
| <b>Receipt Date:</b> 18 Mar-26 08:01 | <b>CAS (PC):</b>                                  | <b>Station:</b>                                     |
| <b>Sample Age:</b> 50h               | <b>Client:</b> Eurofins                           |                                                     |

### Linear Interpolation Options

| X Transform | Y Transform | Seed    | Resamples | Exp 95% CL | Method                  |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear      | Linear      | 1330054 | 200       | Yes        | Two-Point Interpolation |

### Test Acceptability Criteria

|              |           | TAC Limits |       | Overlap | Decision        |
|--------------|-----------|------------|-------|---------|-----------------|
| Attribute    | Test Stat | Lower      | Upper |         |                 |
| Control Resp | 30.7      | 15         | <<    | Yes     | Passes Criteria |

### Point Estimates

| Level | %    | 95% LCL | 95% UCL | Tox Units | 95% LCL | 95% UCL |
|-------|------|---------|---------|-----------|---------|---------|
| IC25  | >100 | ---     | ---     | <1        | ---     | ---     |
| IC50  | >100 | ---     | ---     | <1        | ---     | ---     |

| Reproduction Summary |      |       | Calculated Variate |        |     |     |        |         | Isotonic Variate |         |
|----------------------|------|-------|--------------------|--------|-----|-----|--------|---------|------------------|---------|
| Conc-%               | Code | Count | Mean               | Median | Min | Max | CV%    | %Effect | Mean             | %Effect |
| 0                    | D    | 10    | 30.7               | 34     | 5   | 40  | 34.98% | 0.00%   | 36.95            | 0.00%   |
| 6.25                 |      | 10    | 34.9               | 35.5   | 27  | 39  | 9.50%  | -13.68% | 36.95            | 0.00%   |
| 12.5                 |      | 10    | 38.3               | 37.5   | 35  | 45  | 8.79%  | -24.76% | 36.95            | 0.00%   |
| 25                   |      | 10    | 38.2               | 38.5   | 34  | 42  | 6.51%  | -24.43% | 36.95            | 0.00%   |
| 50                   |      | 10    | 38.2               | 37     | 31  | 44  | 10.67% | -24.43% | 36.95            | 0.00%   |
| 100                  |      | 10    | 41.4               | 41     | 37  | 46  | 6.46%  | -34.85% | 36.95            | 0.00%   |

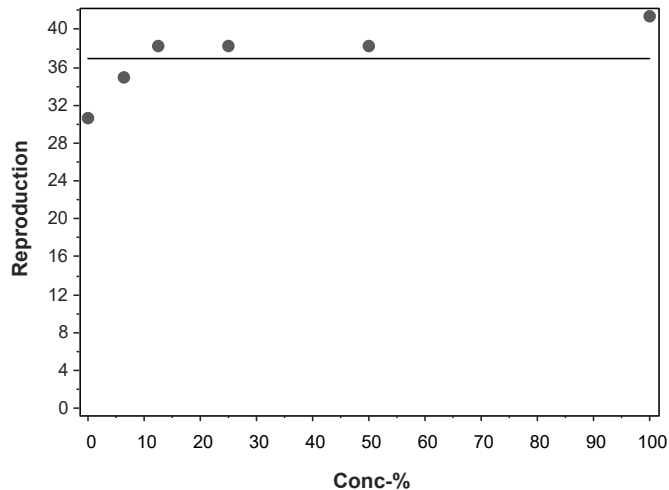
### Reproduction Detail

| Conc-% | Code | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0      | D    | 19    | 40    | 39    | 5     | 37    | 34    | 34    | 33    | 31    | 35     |
| 6.25   |      | 37    | 34    | 39    | 37    | 35    | 33    | 36    | 27    | 37    | 34     |
| 12.5   |      | 37    | 45    | 40    | 41    | 35    | 38    | 36    | 35    | 35    | 41     |
| 25     |      | 38    | 42    | 35    | 40    | 37    | 37    | 39    | 40    | 34    | 40     |
| 50     |      | 42    | 44    | 37    | 38    | 35    | 44    | 37    | 37    | 31    | 37     |
| 100    |      | 43    | 41    | 41    | 41    | 39    | 44    | 37    | 39    | 43    | 46     |



| Ceriodaphnia 7-d Survival and Reproduction Test |                |           | New England Bioassay             |                            |
|-------------------------------------------------|----------------|-----------|----------------------------------|----------------------------|
| Analysis ID:                                    | 02-0257-1350   | Endpoint: | Reproduction                     | CETIS Version: CETISv2.1.4 |
| Analyzed:                                       | 27 Mar-26 9:02 | Analysis: | Linear Interpolation (ICPIN)     | Status Level: 1            |
| Edit Date:                                      | 27 Mar-26 9:00 | MD5 Hash: | 685F85B0BE19FCAF5EC28F9E7E51BE64 | Editor ID: 000-173-188-0   |

Graphics



# NEB'S DATA SHEET FOR ROUTINE CHEMICAL AND PHYSICAL DETERMINATIONS

|                          |       |                                                                                 |      |               |      |                    |       |         |
|--------------------------|-------|---------------------------------------------------------------------------------|------|---------------|------|--------------------|-------|---------|
| FACILITY NAME & ADDRESS: |       | West Valley Demonstration Project WSNP001, 10282 Rock Springs Rd West Valley NY |      |               |      |                    |       |         |
| NEB PROJECT NUMBER:      |       | 44240                                                                           |      | TEST ORGANISM |      | Ceriodaphnia dubia |       |         |
| DILUTION WATER SOURCE:   |       | Erdman Brook                                                                    |      | START DATE:   |      | 3/18/26 TIME: 1239 |       |         |
| NEB Lab Control          | 1     | 2                                                                               | 3    | 4             | 5    | 6                  | 7     | Remarks |
| Tech Initials Initial    | TS    | VV                                                                              | TS   | TS            | TS   | VV                 | TS    |         |
| Temp °C Initial          | 24.4  | 24.9                                                                            | 24.0 | 24.4          | 24.0 | 24.7               | 24.5  |         |
| D.O. mg/L Initial        | 8.3   | 8.4                                                                             | 8.4  | 8.3           | 8.3  | 8.3                | 8.4   |         |
| pH s.u. Initial          | 7.9   | 8.2                                                                             | 8.0  | 7.7           | 7.9  | 7.8                | 7.7   |         |
| Conductivity µS Initial  | 324   | 325                                                                             | 319  | 312           | 312  | 324                | 313   |         |
| Tech Initials Final      | KO    | MV                                                                              | TS   | AV            | MS   | AW                 | MS    |         |
| Temp °C Final            | 25.4  | 25.0                                                                            | 24.5 | 24.0          | 25.0 | 24.0               | 24.5  |         |
| D.O. mg/L Final          | 8.2   | 8.2                                                                             | 8.3  | 8.4           | 8.0  | 8.3                | 8.0   |         |
| pH s.u. Final            | 7.7   | 7.6                                                                             | 7.7  | 7.7           | 7.9  | 7.7                | 7.4   |         |
| Conductivity µS Final    | 341   | 353                                                                             | 343  | 351           | 354  | 381                | 355   |         |
| Erdman Brook Diluent     | 1     | 2                                                                               | 3    | 4             | 5    | 6                  | 7     | Remarks |
| Tech Initials Initial    | TS    | VV                                                                              | TS   | TS            | TS   | VV                 | TS    |         |
| Temp °C Initial          | 24.4  | 25.1                                                                            | 24.6 | 24.2          | 24.7 | 24.3               | 24.7  |         |
| D.O. mg/L Initial        | 9.9   | 9.1                                                                             | 10.1 | 9.1           | 8.9  | 9.0                | 9.7   |         |
| pH s.u. Initial          | 7.6   | 8.0                                                                             | 7.5  | 7.4           | 7.6  | 7.6                | 7.6   |         |
| Conductivity µS Initial  | 1,112 | 1,100                                                                           | 451  | 440           | 441  | 448                | 1,101 |         |
| Tech Initials Final      | KO    | MV                                                                              | TS   | AV            | MS   | AW                 | MS    |         |
| Temp °C Final            | 25.6  | 25.2                                                                            | 24.6 | 24.3          | 24.7 | 24.0               | 24.4  |         |
| D.O. mg/L Final          | 8.0   | 8.2                                                                             | 8.3  | 8.2           | 8.0  | 8.4                | 8.0   |         |
| pH s.u. Final            | 7.7   | 7.7                                                                             | 7.7  | 7.7           | 7.8  | 7.4                | 7.8   |         |
| Conductivity µS Final    | 1,155 | 1,175                                                                           | 472  | 466           | 473  | 515                | 1,177 |         |
| 6.25%                    | 1     | 2                                                                               | 3    | 4             | 5    | 6                  | 7     | Remarks |
| Tech Initials Initial    | TS    | VV                                                                              | TS   | TS            | TS   | VV                 | TS    |         |
| Temp °C Initial          | 24.5  | 25.3                                                                            | 24.6 | 24.2          | 24.4 | 24.3               | 24.7  |         |
| D.O. mg/L Initial        | 9.9   | 9.0                                                                             | 10.0 | 9.1           | 8.9  | 9.0                | 9.7   |         |
| pH s.u. Initial          | 7.6   | 8.0                                                                             | 7.4  | 7.4           | 7.5  | 7.5                | 7.7   |         |
| Conductivity µS Initial  | 1,116 | 1,122                                                                           | 502  | 487           | 481  | 499                | 1,113 |         |
| Tech Initials Final      | KO    | MV                                                                              | TS   | AV            | MS   | AW                 | MS    |         |
| Temp °C Final            | 25.5  | 25.2                                                                            | 24.5 | 24.5          | 24.6 | 24.0               | 24.4  |         |
| D.O. mg/L Final          | 8.0   | 8.2                                                                             | 8.3  | 8.2           | 8.0  | 8.4                | 8.1   |         |
| pH s.u. Final            | 7.9   | 7.8                                                                             | 7.8  | 7.7           | 7.9  | 7.4                | 7.9   |         |
| Conductivity µS Final    | 1,164 | 1,193                                                                           | 540  | 520           | 520  | 572                | 1,171 |         |

# NEB'S DATA SHEET FOR ROUTINE CHEMICAL AND PHYSICAL DETERMINATIONS

|                          |       |                                                                                 |      |               |      |                    |       |         |
|--------------------------|-------|---------------------------------------------------------------------------------|------|---------------|------|--------------------|-------|---------|
| FACILITY NAME & ADDRESS: |       | West Valley Demonstration Project WSNP001, 10282 Rock Springs Rd West Valley NY |      |               |      |                    |       |         |
| NEB PROJECT NUMBER:      |       | 44240                                                                           |      | TEST ORGANISM |      | Ceriodaphnia dubia |       |         |
| DILUTION WATER SOURCE:   |       | Erdman Brook                                                                    |      | START DATE:   |      | 3/18/26 TIME: 1239 |       |         |
| 12.5%                    | 1     | 2                                                                               | 3    | 4             | 5    | 6                  | 7     | Remarks |
| Tech Initials Initial    | TS    | VV                                                                              | TS   | TS            | TS   | VV                 | TS    |         |
| Temp °C Initial          | 24.4  | 25.3                                                                            | 24.6 | 24.2          | 24.5 | 24.3               | 24.8  |         |
| D.O. mg/L Initial        | 9.9   | 9.0                                                                             | 10.0 | 9.1           | 8.9  | 8.9                | 9.6   |         |
| pH s.u. Initial          | 7.6   | 8.0                                                                             | 7.4  | 7.4           | 7.5  | 7.5                | 7.7   |         |
| Conductivity µS Initial  | 1,119 | 1,128                                                                           | 537  | 531           | 527  | 543                | 1,118 |         |
| Tech Initials Final      | KO    | MV                                                                              | TS   | AV            | MS   | AW                 | MS    |         |
| Temp °C Final            | 25.7  | 25.3                                                                            | 24.5 | 24.3          | 24.9 | 24.0               | 24.5  |         |
| D.O. mg/L Final          | 8.0   | 8.2                                                                             | 8.3  | 8.2           | 8.0  | 8.5                | 8.1   |         |
| pH s.u. Final            | 8.0   | 7.9                                                                             | 7.8  | 7.8           | 7.9  | 7.5                | 8.0   |         |
| Conductivity µS Final    | 1,180 | 1,204                                                                           | 565  | 563           | 566  | 627                | 1,213 |         |
| 25%                      | 1     | 2                                                                               | 3    | 4             | 5    | 6                  | 7     | Remarks |
| Tech Initials Initial    | TS    | VV                                                                              | TS   | TS            | TS   | VV                 | TS    |         |
| Temp °C Initial          | 24.3  | 25.2                                                                            | 24.6 | 24.3          | 24.5 | 24.4               | 24.8  |         |
| D.O. mg/L Initial        | 9.7   | 9.0                                                                             | 10.0 | 9.1           | 8.9  | 8.9                | 9.6   |         |
| pH s.u. Initial          | 7.7   | 8.0                                                                             | 7.4  | 7.4           | 7.6  | 7.5                | 7.8   |         |
| Conductivity µS Initial  | 1,125 | 1,135                                                                           | 628  | 627           | 620  | 631                | 1,125 |         |
| Tech Initials Final      | KO    | MV                                                                              | TS   | AV            | MS   | AW                 | MS    |         |
| Temp °C Final            | 25.6  | 25.3                                                                            | 24.4 | 24.4          | 24.9 | 24.0               | 24.4  |         |
| D.O. mg/L Final          | 7.9   | 8.2                                                                             | 8.3  | 8.3           | 8.0  | 8.6                | 8.1   |         |
| pH s.u. Final            | 8.1   | 8.0                                                                             | 8.0  | 7.9           | 8.0  | 7.6                | 8.0   |         |
| Conductivity µS Final    | 1,178 | 1,210                                                                           | 662  | 664           | 666  | 729                | 1,197 |         |
| 50%                      | 1     | 2                                                                               | 3    | 4             | 5    | 6                  | 7     | Remarks |
| Tech Initials Initial    | TS    | VV                                                                              | TS   | TS            | TS   | VV                 | TS    |         |
| Temp °C Initial          | 24.3  | 25.3                                                                            | 24.8 | 24.3          | 24.3 | 24.5               | 24.9  |         |
| D.O. mg/L Initial        | 9.7   | 8.9                                                                             | 10.0 | 9.1           | 8.9  | 8.9                | 9.6   |         |
| pH s.u. Initial          | 7.7   | 8.0                                                                             | 7.5  | 7.5           | 7.7  | 7.5                | 7.7   |         |
| Conductivity µS Initial  | 1,139 | 1,147                                                                           | 814  | 804           | 806  | 817                | 1,138 |         |
| Tech Initials Final      | KO    | MV                                                                              | TS   | AV            | MS   | AW                 | MS    |         |
| Temp °C Final            | 25.6  | 25.3                                                                            | 24.6 | 24.3          | 25.0 | 24.0               | 24.5  |         |
| D.O. mg/L Final          | 8.0   | 8.2                                                                             | 8.3  | 8.3           | 8.0  | 8.7                | 8.1   |         |
| pH s.u. Final            | 8.1   | 8.1                                                                             | 8.1  | 8.0           | 8.1  | 7.8                | 8.1   |         |
| Conductivity µS Final    | 1,205 | 1,238                                                                           | 847  | 852           | 857  | 927                | 1,230 |         |

# NEB'S DATA SHEET FOR ROUTINE CHEMICAL AND PHYSICAL DETERMINATIONS

|                          |       |                                                                                 |       |       |               |       |                    |         |
|--------------------------|-------|---------------------------------------------------------------------------------|-------|-------|---------------|-------|--------------------|---------|
| FACILITY NAME & ADDRESS: |       | West Valley Demonstration Project WSNP001, 10282 Rock Springs Rd West Valley NY |       |       |               |       |                    |         |
| NEB PROJECT NUMBER:      |       | 44240                                                                           |       |       | TEST ORGANISM |       | Ceriodaphnia dubia |         |
| DILUTION WATER SOURCE:   |       | Erdman Brook                                                                    |       |       | START DATE:   |       | 3/18/26 TIME: 1239 |         |
| 100%                     | 1     | 2                                                                               | 3     | 4     | 5             | 6     | 7                  | Remarks |
| Tech Initials Initial    | TS    | VV                                                                              | TS    | TS    | TS            | VV    | TS                 |         |
| Temp °C Initial          | 24.4  | 25.4                                                                            | 24.7  | 24.4  | 24.2          | 24.8  | 24.9               |         |
| D.O. mg/L Initial        | 9.9   | 8.9                                                                             | 10.2  | 9.1   | 9.0           | 8.9   | 9.7                |         |
| pH s.u. Initial          | 7.7   | 8.0                                                                             | 7.6   | 7.6   | 7.7           | 7.5   | 7.8                |         |
| Conductivity µS Initial  | 1,170 | 1,173                                                                           | 1,173 | 1,165 | 1,165         | 1,170 | 1,165              |         |
| Tech Initials Final      | KO    | MV                                                                              | TS    | AV    | MS            | AW    | MS                 |         |
| Temp °C Final            | 26.0  | 25.3                                                                            | 24.5  | 24.4  | 25.0          | 24.0  | 24.2               |         |
| D.O. mg/L Final          | 7.9   | 8.1                                                                             | 8.3   | 8.4   | 8.0           | 8.7   | 8.0                |         |
| pH s.u. Final            | 8.3   | 8.2                                                                             | 8.3   | 8.2   | 8.3           | 8.1   | 8.2                |         |
| Conductivity µS Final    | 1,226 | 1,265                                                                           | 1,236 | 1,256 | 1,255         | 1,339 | 1,247              |         |
|                          | 1     | 2                                                                               | 3     | 4     | 5             | 6     | 7                  | Remarks |
| Tech Initials Initial    |       |                                                                                 |       |       |               |       |                    |         |
| Temp °C Initial          |       |                                                                                 |       |       |               |       |                    |         |
| D.O. mg/L Initial        |       |                                                                                 |       |       |               |       |                    |         |
| pH s.u. Initial          |       |                                                                                 |       |       |               |       |                    |         |
| Conductivity µS Initial  |       |                                                                                 |       |       |               |       |                    |         |
| Tech Initials Final      |       |                                                                                 |       |       |               |       |                    |         |
| Temp °C Final            |       |                                                                                 |       |       |               |       |                    |         |
| D.O. mg/L Final          |       |                                                                                 |       |       |               |       |                    |         |
| pH s.u. Final            |       |                                                                                 |       |       |               |       |                    |         |
| Conductivity µS Final    |       |                                                                                 |       |       |               |       |                    |         |

## Table of Random Permutations of 16

## C.dubia Test ID#

## 26-511

|      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|
| 7    | 12 | 15 | 15 | 1  | 2  | 7  | 16 | 10 | 2  | 14 | 15 | 7  | 13 | 13 | 10  | 6  | 1  | 8  | 10 |
| 13   | 3  | 8  | 16 | 7  | 10 | 11 | 10 | 13 | 5  | 11 | 7  | 13 | 16 | 7  | 7   | 5  | 13 | 2  | 14 |
| 3    | 1  | 4  | 5  | 14 | 13 | 3  | 14 | 9  | 13 | 13 | 2  | 9  | 15 | 6  | 2   | 8  | 4  | 5  | 8  |
| 11   | 8  | 16 | 14 | 15 | 6  | 2  | 6  | 2  | 16 | 8  | 5  | 12 | 3  | 9  | 13  | 4  | 3  | 10 | 4  |
| 14   | 9  | 1  | 6  | 3  | 9  | 14 | 13 | 8  | 6  | 5  | 8  | 14 | 7  | 3  | 15  | 13 | 11 | 4  | 7  |
| 2    | 16 | 10 | 13 | 5  | 5  | 13 | 2  | 11 | 7  | 3  | 12 | 5  | 14 | 12 | 16  | 2  | 2  | 9  | 15 |
| 4    | 6  | 13 | 7  | 2  | 15 | 1  | 9  | 1  | 4  | 7  | 10 | 6  | 9  | 11 | 9   | 7  | 6  | 16 | 11 |
| 6    | 14 | 6  | 10 | 4  | 14 | 4  | 15 | 3  | 3  | 4  | 16 | 2  | 6  | 5  | 1   | 12 | 10 | 6  | 9  |
| 10   | 15 | 2  | 1  | 13 | 12 | 16 | 3  | 4  | 8  | 10 | 1  | 15 | 5  | 14 | 12  | 14 | 12 | 3  | 2  |
| 12   | 10 | 7  | 12 | 9  | 11 | 9  | 8  | 12 | 14 | 15 | 4  | 11 | 8  | 16 | 8   | 9  | 14 | 14 | 1  |
| 15   | 7  | 5  | 2  | 10 | 7  | 8  | 12 | 6  | 15 | 6  | 13 | 16 | 12 | 15 | 4   | 11 | 8  | 12 | 6  |
| 16   | 2  | 11 | 8  | 8  | 8  | 15 | 5  | 16 | 1  | 1  | 9  | 8  | 1  | 8  | 14  | 16 | 5  | 13 | 5  |
| 9    | 13 | 14 | 3  | 6  | 4  | 10 | 11 | 5  | 12 | 9  | 3  | 10 | 4  | 4  | 3   | 10 | 9  | 1  | 3  |
| 8    | 11 | 9  | 4  | 11 | 3  | 12 | 7  | 7  | 10 | 12 | 14 | 3  | 10 | 1  | 6   | 15 | 16 | 15 | 12 |
| 1    | 5  | 12 | 11 | 16 | 16 | 5  | 4  | 14 | 9  | 16 | 11 | 1  | 2  | 10 | 5   | 1  | 15 | 7  | 13 |
| 5    | 4  | 3  | 9  | 12 | 1  | 6  | 1  | 15 | 11 | 2  | 6  | 4  | 11 | 2  | 11  | 3  | 7  | 11 | 16 |
| CONC |    |    |    |    |    |    |    |    |    |    |    |    |    |    | REP |    |    |    |    |
| 11   | 8  | 16 | 5  | 5  | 13 | 1  | 13 | 2  | 16 | 14 | 12 | 9  | 8  | 7  | 5   | 13 | 3  | 13 | 3  |
| 2    | 2  | 8  | 8  | 14 | 16 | 4  | 3  | 8  | 11 | 10 | 14 | 15 | 1  | 2  | 11  | 4  | 5  | 15 | 9  |
| 6    | 13 | 2  | 13 | 6  | 5  | 9  | 15 | 11 | 10 | 12 | 6  | 16 | 15 | 16 | 9   | 10 | 12 | 16 | 15 |
| 14   | 12 | 4  | 16 | 16 | 11 | 14 | 10 | 5  | 12 | 3  | 3  | 12 | 14 | 15 | 13  | 6  | 4  | 1  | 16 |
| 8    | 6  | 3  | 9  | 4  | 10 | 6  | 4  | 16 | 2  | 2  | 9  | 8  | 16 | 4  | 6   | 5  | 15 | 7  | 8  |
| 9    | 15 | 12 | 10 | 3  | 2  | 12 | 6  | 1  | 15 | 4  | 13 | 7  | 7  | 9  | 12  | 14 | 8  | 8  | 11 |
| 3    | 10 | 11 | 12 | 13 | 12 | 5  | 11 | 7  | 8  | 9  | 5  | 14 | 11 | 10 | 1   | 3  | 13 | 3  | 5  |
| 16   | 1  | 13 | 14 | 8  | 14 | 15 | 5  | 3  | 7  | 11 | 15 | 6  | 12 | 5  | 7   | 11 | 1  | 14 | 4  |
| 1    | 14 | 14 | 2  | 9  | 15 | 16 | 14 | 6  | 14 | 7  | 8  | 3  | 13 | 11 | 8   | 7  | 7  | 12 | 7  |
| 4    | 4  | 6  | 4  | 12 | 3  | 11 | 8  | 15 | 9  | 8  | 1  | 13 | 6  | 3  | 3   | 15 | 9  | 9  | 12 |
| 15   | 5  | 1  | 11 | 10 | 6  | 3  | 7  | 10 | 5  | 5  | 11 | 10 | 10 | 12 | 15  | 16 | 14 | 5  | 2  |
| 5    | 3  | 5  | 6  | 7  | 7  | 13 | 2  | 14 | 3  | 16 | 4  | 5  | 5  | 13 | 4   | 9  | 16 | 2  | 6  |
| 12   | 7  | 15 | 15 | 15 | 9  | 8  | 12 | 12 | 13 | 15 | 10 | 1  | 4  | 6  | 16  | 2  | 6  | 11 | 1  |
| 10   | 11 | 10 | 3  | 2  | 4  | 2  | 1  | 4  | 6  | 6  | 7  | 11 | 9  | 14 | 10  | 8  | 11 | 4  | 13 |
| 7    | 9  | 7  | 7  | 11 | 1  | 7  | 16 | 13 | 1  | 13 | 2  | 4  | 2  | 1  | 2   | 12 | 2  | 10 | 14 |
| 13   | 16 | 9  | 1  | 1  | 8  | 10 | 9  | 9  | 4  | 1  | 16 | 2  | 3  | 8  | 14  | 1  | 10 | 6  | 10 |
| 1    | 6  | 7  | 4  | 8  | 6  | 5  | 2  | 8  | 15 | 4  | 6  | 6  | 1  | 4  | 5   | 7  | 13 | 2  | 10 |
| 9    | 15 | 11 | 3  | 11 | 15 | 9  | 10 | 1  | 3  | 8  | 2  | 15 | 7  | 9  | 8   | 16 | 1  | 14 | 3  |
| 10   | 16 | 4  | 5  | 12 | 9  | 16 | 11 | 7  | 1  | 7  | 16 | 11 | 8  | 3  | 3   | 12 | 2  | 3  | 4  |
| 4    | 14 | 1  | 9  | 5  | 5  | 4  | 13 | 6  | 8  | 15 | 5  | 12 | 5  | 7  | 16  | 5  | 11 | 8  | 1  |
| 7    | 3  | 13 | 14 | 15 | 2  | 1  | 14 | 16 | 5  | 14 | 9  | 2  | 16 | 1  | 12  | 6  | 14 | 4  | 13 |
| 16   | 11 | 2  | 1  | 14 | 16 | 6  | 9  | 3  | 4  | 16 | 14 | 3  | 15 | 11 | 11  | 3  | 9  | 12 | 5  |
| 3    | 10 | 16 | 16 | 13 | 7  | 13 | 1  | 11 | 14 | 9  | 10 | 16 | 2  | 10 | 2   | 10 | 7  | 10 | 16 |
| 11   | 13 | 9  | 13 | 4  | 13 | 8  | 3  | 5  | 13 | 10 | 12 | 5  | 12 | 5  | 14  | 13 | 16 | 5  | 6  |
| 15   | 2  | 3  | 12 | 9  | 12 | 2  | 4  | 13 | 10 | 3  | 13 | 14 | 4  | 2  | 1   | 14 | 8  | 6  | 12 |
| 14   | 1  | 14 | 6  | 10 | 1  | 3  | 12 | 4  | 2  | 2  | 4  | 13 | 3  | 16 | 9   | 9  | 3  | 7  | 14 |
| 13   | 12 | 5  | 11 | 3  | 11 | 15 | 8  | 2  | 7  | 11 | 7  | 8  | 14 | 6  | 4   | 4  | 4  | 15 | 11 |
| 12   | 5  | 10 | 7  | 2  | 14 | 7  | 15 | 14 | 16 | 13 | 1  | 9  | 10 | 12 | 10  | 11 | 10 | 9  | 8  |
| 8    | 9  | 8  | 10 | 6  | 4  | 11 | 7  | 10 | 11 | 6  | 8  | 4  | 9  | 8  | 15  | 8  | 6  | 11 | 9  |
| 2    | 7  | 6  | 2  | 1  | 8  | 10 | 6  | 15 | 12 | 1  | 11 | 7  | 11 | 13 | 6   | 1  | 15 | 13 | 15 |
| 6    | 4  | 15 | 8  | 16 | 10 | 14 | 16 | 9  | 6  | 12 | 3  | 10 | 6  | 14 | 7   | 2  | 12 | 16 | 7  |
| 5    | 8  | 12 | 15 | 7  | 3  | 12 | 5  | 12 | 9  | 5  | 15 | 1  | 13 | 15 | 13  | 15 | 5  | 1  | 2  |
| 13   | 4  | 10 | 4  | 16 | 13 | 16 | 13 | 5  | 3  | 6  | 14 | 1  | 16 | 8  | 7   | 2  | 3  | 3  | 12 |
| 5    | 14 | 4  | 6  | 8  | 2  | 15 | 1  | 13 | 14 | 16 | 4  | 15 | 4  | 3  | 12  | 12 | 1  | 4  | 7  |
| 2    | 2  | 2  | 15 | 14 | 16 | 9  | 12 | 16 | 6  | 10 | 15 | 14 | 9  | 10 | 1   | 14 | 8  | 8  | 16 |
| 7    | 12 | 15 | 8  | 12 | 3  | 5  | 14 | 7  | 12 | 5  | 13 | 16 | 1  | 7  | 5   | 11 | 2  | 9  | 3  |
| 6    | 9  | 7  | 14 | 9  | 14 | 10 | 11 | 15 | 11 | 12 | 1  | 12 | 12 | 14 | 16  | 3  | 11 | 11 | 8  |
| 14   | 5  | 16 | 7  | 10 | 8  | 11 | 8  | 14 | 13 | 7  | 11 | 6  | 3  | 11 | 4   | 4  | 6  | 6  | 9  |
| 15   | 11 | 8  | 9  | 7  | 12 | 8  | 7  | 1  | 15 | 9  | 3  | 3  | 7  | 13 | 11  | 10 | 4  | 5  | 1  |
| 11   | 6  | 6  | 1  | 4  | 1  | 3  | 16 | 12 | 5  | 4  | 9  | 13 | 13 | 6  | 8   | 15 | 9  | 1  | 14 |
| 4    | 10 | 3  | 16 | 2  | 11 | 7  | 9  | 6  | 9  | 1  | 8  | 4  | 11 | 5  | 2   | 16 | 10 | 12 | 4  |
| 1    | 8  | 1  | 13 | 1  | 15 | 4  | 4  | 11 | 4  | 2  | 16 | 5  | 8  | 1  | 9   | 5  | 12 | 16 | 6  |
| 9    | 7  | 14 | 2  | 6  | 4  | 14 | 10 | 9  | 8  | 15 | 10 | 7  | 10 | 9  | 10  | 6  | 14 | 10 | 11 |
| 12   | 1  | 9  | 10 | 15 | 5  | 2  | 15 | 10 | 2  | 14 | 2  | 8  | 2  | 4  | 13  | 8  | 5  | 15 | 5  |
| 3    | 3  | 12 | 11 | 5  | 9  | 6  | 6  | 3  | 10 | 13 | 12 | 9  | 6  | 2  | 15  | 7  | 15 | 7  | 13 |
| 10   | 15 | 11 | 5  | 13 | 7  | 12 | 5  | 2  | 7  | 11 | 5  | 10 | 15 | 12 | 3   | 1  | 13 | 13 | 10 |
| 8    | 13 | 13 | 3  | 3  | 10 | 13 | 2  | 4  | 1  | 8  | 6  | 11 | 14 | 15 | 6   | 9  | 16 | 2  | 2  |
| 16   | 16 | 5  | 12 | 11 | 6  | 1  | 3  | 8  | 16 | 3  | 7  | 2  | 5  | 16 | 14  | 13 | 7  | 14 | 15 |

*Ceriodaphnia dubia*

Culture Chart

Lot # Cd26 (M# 087 ) B

Brood mother source: M# 070 A-6

Source's brood size: 22

(Qty.)

West Valley 3/18/26

| Tech  | CG     | M6   | AS   | ME   | Sat | ME               | M6                             | M6   | ME   |                                |    |    |    |    |    |
|-------|--------|------|------|------|-----|------------------|--------------------------------|------|------|--------------------------------|----|----|----|----|----|
| Date  | 3/10   | 3/11 | 3/12 | 3/13 |     | 3/15             | 3/16                           | 3/17 | 3/18 |                                |    |    |    |    |    |
| Day   | 0      | 1    | 2    | 3    | 4   | 5                | 6                              | 7    | 8    | 9                              | 10 | 11 | 12 | 13 | 14 |
| Cup # | Beaker |      | Tray |      |     |                  |                                |      |      |                                |    |    |    |    |    |
| 1     | N      | N    | N    | n    |     | 16 <sup>2B</sup> | 2                              | Y    | 1    | Y                              |    |    |    |    |    |
| 2     | N      | N    | N    | n    |     | 16               | 2                              | Y    | 2    | Y <sup>T9</sup> <sub>18</sub>  |    |    |    |    |    |
| 3     | N      | N    | N    | n    |     | 17               | 2                              | A/N  | 3    | A                              |    |    |    |    |    |
| 4     | N      | N    | N    | n    |     | 17               | Y                              | 2    | 4    | Y <sup>T5</sup> <sub>21</sub>  |    |    |    |    |    |
| 5     | N      | N    | N    | n    |     | 17               | 2                              | Y    | 5    | Y                              |    |    |    |    |    |
| 6     | N      | N    | N    | n    |     | 17               | 2                              | Y    | 6    | Y <sup>T3</sup> <sub>22</sub>  |    |    |    |    |    |
| 7     | N      | N    | N    | n    |     | 17               | 2                              | Y    | 7    | Y                              |    |    |    |    |    |
| 8     | N      | N    | N    | n    |     | 17               | 2                              | Y    | 8    | Y <sup>T1</sup> <sub>19</sub>  |    |    |    |    |    |
| 9     | N      | N    | N    | n    |     | 18               | 2                              | Y    | 9    | Y <sup>T7</sup> <sub>19</sub>  |    |    |    |    |    |
| 10    | N      | N    | N    | n    |     | 13               | 16 <sup>2B</sup> <sub>24</sub> | Y    | 10   | Y                              |    |    |    |    |    |
| 11    | N      | N    | N    | n    |     | 17               | 2                              | Y    | 11   | Y <sup>T6</sup> <sub>21</sub>  |    |    |    |    |    |
| 12    | N      | N    | N    | n    |     | 13               | 2                              | A/N  | 12   | A                              |    |    |    |    |    |
| 13    | N      | N    | N    | n    |     | 15               | 2                              | Y    | 13   | Y <sup>T8</sup> <sub>21</sub>  |    |    |    |    |    |
| 14    | N      | N    | N    | n    |     | 12               | Y                              | 2    | 14   | Y                              |    |    |    |    |    |
| 15    | N      | N    | N    | n    |     | 11               | Y                              | 2    | 15   | Y                              |    |    |    |    |    |
| 16    | N      | N    | N    | n    |     | 16               | Y                              | 2    | 16   | Y <sup>T4</sup> <sub>20</sub>  |    |    |    |    |    |
| 17    | N      | N    | N    | n    |     | 14               | Y                              | 2    | 17   | Y <sup>T10</sup> <sub>18</sub> |    |    |    |    |    |
| 18    | N      | N    | N    | n    |     | 14               | 2                              | Y    | 18   | Y <sup>T2</sup> <sub>25</sub>  |    |    |    |    |    |

Y = neonates present and EPA criterion has been met

N = no neonates; EPA criterion met A/N = no neonates; EPA criterion not met

A = neonates present but EPA criterion not met; neonates may be used for acute testing

P = Neonates present in P.M./next day and EPA criterion met

2B = two broods present. 2Y = two broods and criterion met: ≥ 20 neos. by 3rd brood.

T# = neonates used in test replicate, #=neonates in brood.

Test organism collection:

| Project # | Symbol | Tray diagram? | Time period, neonates released | Collection date / time |
|-----------|--------|---------------|--------------------------------|------------------------|
| 44240     | T      | Y             | 3/17/26/1700 → 3/17/26/1815    | 3/18/26/1200           |
|           | T      |               |                                |                        |
|           | T      |               |                                |                        |
|           | T      |               |                                |                        |
|           | T      |               |                                |                        |

# SAMPLE RECEIPT CHEMISTRY & CHAIN OF CUSTODY DOCUMENTS

# NEW ENGLAND BIOASSAY - INITIAL CHEMISTRY DATA

PERMITTEE: West Valley Demonstration Project  
NEB JOB # 44240

| DATE RECEIVED                           | 3/18/26  |          | 3/20/26  |          |  |  |
|-----------------------------------------|----------|----------|----------|----------|--|--|
| SAMPLE TYPE:                            | EFF #1   | BROOK #1 | EFF #2   | BROOK #2 |  |  |
| COC #                                   | C46-1996 | C46-1997 | C46-2054 | C46-2055 |  |  |
| pH (SU)                                 | 7.6      | 7.6      | 7.7      | 7.8      |  |  |
| Temperature (°C)                        | 0.7      | 0.6      | 0.5      | 0.3      |  |  |
| Dissolved Oxygen (mg/L)                 | 11.9     | 11.8     | 11.5     | 11.7     |  |  |
| Conductivity (µmhos)                    | 1,175    | 1,123    | 1,179    | 450      |  |  |
| Salinity (ppt)                          | <1       | <1       | <1       | <1       |  |  |
| TRC - DPD (mg/L)                        | 0.025    | 0.019    | 0.037    | 0.037    |  |  |
| TRC - Amperometric (mg/L)               |          |          |          |          |  |  |
| Hardness (mg/L as CaCO <sub>3</sub> )   | 166      | 172      | 188      | 160      |  |  |
| Alkalinity (mg/l as CaCO <sub>3</sub> ) | 154      | 95       | 166      | 88       |  |  |
| Tech Initials                           | MOR      | MOR      | AV       | AV       |  |  |

NOTE: NA = NOT APPLICABLE

Data Reviewed By: Kimberly Wills Date Reviewed: 4/10/26





# NEW ENGLAND BIOASSAY - CHAIN-OF-CUSTODY

Sample set# 2

## EFFLUENT

Sampler: JJZ  
 Title: Engineer  
 Facility: West Valley

Sampling Method: X Composite

Sample ID: Outfall 001

Start Date: 3/18/26 Time: 1000

End Date: 3/19/26 Time: 1000

Sample Type: Prechlorinated  
Dechlorinated  
X Unchlorinated  
Chlorinated

## RECEIVING WATER

Sampler: JJZ  
 Title: Engineer  
 Facility: West Valley

Sampling Method: X Grab

Sample ID: Erdman Brook

Date Collected: 03/19/26

Time Collected: 0945

Received  
ON ICE

## Effluent Sampling Location and Procedures:

Em-2 Composite Sample WNSPOOL  
Refresh Sample

## Receiving Water Sampling Location and Procedures:

Em-2 Grab Sample WNGRB53  
Refresh Sample

Requested Analysis: X Chronic and modified acute

## Sample Shipment

Method of Shipment: UPS Next Day Air

Relinquished By: [Signature] Date: 3/19/26 Time: 1200

Received By: Windsor-NEB Date: 3/20/26 Time: 0937

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

## FOR NEB USE ONLY

Temperature of Effluent Upon Receipt at Lab: 0.3 °C

Temperature of Receiving Water Upon Receipt at Lab: 0.3 °C

Effluent COC# C46-2054

Receiving Water COC# C46-2055

**IF THIS COOLER IS MISPLACED OR THE LABEL IS LOST, PLEASE SHIP TO:  
 KIM WILLS, NEW ENGLAND BIOASSAY, 276 Addison Road Windsor, CT 06095**

West Valley Cleanup Alliance, LLC (WVCA) 10282 Rock Springs Rd. West Valley, NY 14171  
CHAIN-OF-CUSTODY / REQUEST-FOR-ANALYSIS / PACKING SHEET

Sample Type: SPDES

Electronic Disk - YES

| External Lab Destination<br>Eurofins | Purchase Order Number<br>WVCA-00185 | Charge Number<br>1003.OA.010102.01 | Release Number<br>1579 | Report Format Level<br>1                                                                 | Priority<br>10 Days | OrderID<br>260309-01<br>Work Order<br>SP-WetTesting |
|--------------------------------------|-------------------------------------|------------------------------------|------------------------|------------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------|
| Custodian Signature:                 |                                     | C-O-C Reviewed By:                 |                        | Report Data To: Marty Regan (716)472-2073<br>Report Data To: Chet Wrotniak (716)982-6403 |                     |                                                     |
| Location Code                        | Sample ID                           | Date                               | Time                   | # Cont                                                                                   | Preservative        | Tests                                               |

WNSP001 2026-01679A 03/19/26 10:00 1 Cool wet\_du\_a, wet\_du\_c,

Receiving water for dilution for water flea.  
NEB water for control.,  
Receiving water for use in dilutions.

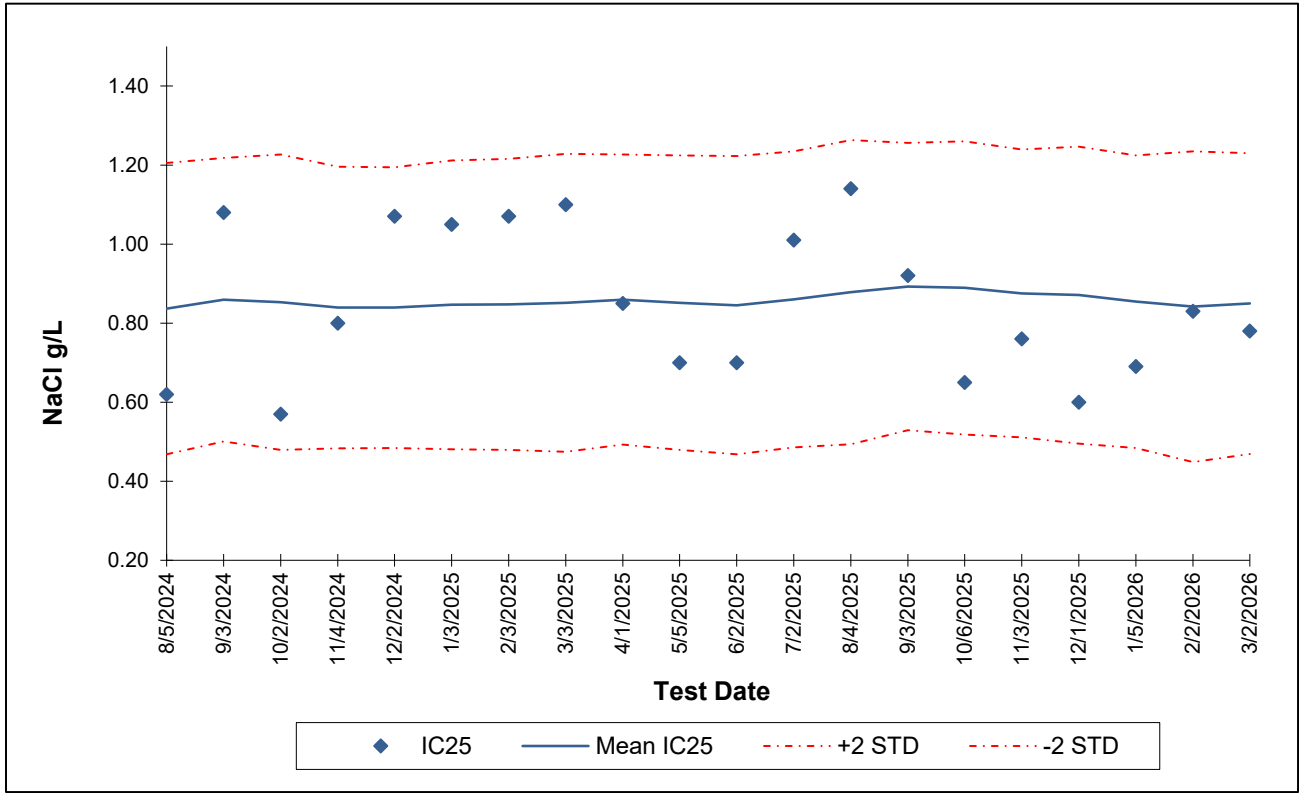
WNERB53 2026-01684A 03/19/26 9:45 1 None dil\_water,

Refresh water. Receiving water for use in dilutions.

|                          |  |                           |                      |
|--------------------------|--|---------------------------|----------------------|
| Signature Rel: Date/Time |  | Signature Rel: Date/Time  |                      |
| Signature Rec: Date/Time |  | Signature Rec: Date/Time  |                      |
| Signature Rel: Date/Time |  | Signature Rel: Date/Time  |                      |
| Signature Rec: Date/Time |  | Signature Rec: Date/Time  |                      |
| Signature Rel: Date/Time |  | Signature Receipt at Lab: | Cool? YES NO Temp: C |
| Signature Rec: Date/Time |  | Signature Rec: Date/Time  | YES NO               |

# REFERENCE TOXICANT CHARTS

New England Bioassay  
Reference Toxicant Data: Sodium chloride (NaCl) *Ceriodaphnia dubia* Chronic Reproduction IC<sub>25</sub>



| Test ID | Date      | IC <sub>25</sub> | Mean IC <sub>25</sub> | STD  | -2STD | +2STD | Avg. CV | Repro PMSD (%) | Avg. PMSD (%) |
|---------|-----------|------------------|-----------------------|------|-------|-------|---------|----------------|---------------|
| 24-1432 | 8/5/2024  | 0.62             | 0.84                  | 0.18 | 0.47  | 1.21  | 0.22    | 25.86          | 15.50         |
| 24-1644 | 9/3/2024  | 1.08             | 0.86                  | 0.18 | 0.50  | 1.22  | 0.21    | 8.30           | 15.10         |
| 24-1933 | 10/2/2024 | 0.57             | 0.85                  | 0.19 | 0.48  | 1.23  | 0.22    | 18.78          | 14.93         |
| 24-2149 | 11/4/2024 | 0.80             | 0.84                  | 0.18 | 0.48  | 1.20  | 0.21    | 7.67           | 14.80         |
| 24-2326 | 12/2/2024 | 1.07             | 0.84                  | 0.18 | 0.48  | 1.19  | 0.21    | 14.94          | 14.92         |
| 25-2    | 1/3/2025  | 1.05             | 0.85                  | 0.18 | 0.48  | 1.21  | 0.22    | 20.77          | 15.42         |
| 25-210  | 2/3/2025  | 1.07             | 0.85                  | 0.18 | 0.48  | 1.22  | 0.22    | 13.63          | 15.63         |
| 25-392  | 3/3/2025  | 1.10             | 0.85                  | 0.19 | 0.47  | 1.23  | 0.22    | 15.87          | 15.15         |
| 25-600  | 4/1/2025  | 0.85             | 0.86                  | 0.18 | 0.49  | 1.23  | 0.21    | 12.97          | 15.28         |
| 25-819  | 5/5/2025  | 0.70             | 0.85                  | 0.19 | 0.48  | 1.22  | 0.22    | 22.16          | 15.32         |
| 25-1010 | 6/2/2025  | 0.70             | 0.85                  | 0.19 | 0.47  | 1.22  | 0.22    | 23.90          | 15.36         |
| 25-1291 | 7/2/2025  | 1.01             | 0.86                  | 0.19 | 0.49  | 1.23  | 0.22    | 8.59           | 15.30         |
| 25-1541 | 8/4/2025  | 1.14             | 0.88                  | 0.19 | 0.49  | 1.26  | 0.22    | 28.94          | 15.54         |
| 25-1777 | 9/3/2025  | 0.92             | 0.89                  | 0.18 | 0.53  | 1.26  | 0.20    | 13.31          | 15.78         |
| 25-2042 | 10/6/2025 | 0.65             | 0.89                  | 0.19 | 0.52  | 1.26  | 0.21    | 27.21          | 16.36         |
| 25-2300 | 11/3/2025 | 0.76             | 0.88                  | 0.18 | 0.51  | 1.24  | 0.21    | 39.60          | 17.47         |
| 25-2457 | 12/1/2025 | 0.60             | 0.87                  | 0.19 | 0.50  | 1.25  | 0.22    | 18.08          | 17.74         |
| 26-8    | 1/5/2026  | 0.69             | 0.85                  | 0.19 | 0.48  | 1.22  | 0.22    | 15.91          | 17.75         |
| 26-157  | 2/2/2026  | 0.83             | 0.84                  | 0.20 | 0.45  | 1.23  | 0.23    | 16.04          | 18.28         |
| 26-312  | 3/2/2026  | 0.78             | 0.85                  | 0.19 | 0.47  | 1.23  | 0.22    | 23.28          | 18.79         |

National 75th Percentile and 90th Percentile CV Averages for *Ceriodaphnia* Reproduction IC<sub>25</sub> (EPA 833-R-00-003): 0.45 - 0.62  
PMSD Upper and Lower Bounds for *Ceriodaphnia* Reproduction (EPA-821-R-02-013): 13% - 47%

# NYELAP ACCREDITATION ANALYTE LIST

NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER



Expires 12:01 AM April 01, 2027  
Issued April 01, 2026

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

*Issued in accordance with and pursuant to section 502 Public Health Law of New York State*

**MS. KIMBERLY WILLS**  
**NEW ENGLAND BIOASSAY INC.**  
**276 ADDISON RD**  
**WINDSOR, CT 06095**

**NY Lab Id No: 12157**

*is hereby APPROVED as an Environmental Laboratory in conformance with the  
National Environmental Laboratory Accreditation Conference Standards (2016) for the category  
ENVIRONMENTAL ANALYSES NON POTABLE WATER  
All approved analytes are listed below:*

**Aquatic Toxicity**

|                                        |            |
|----------------------------------------|------------|
| Fathead minnow-Pimephales promelas     | EPA 1000.0 |
|                                        | EPA 2000.0 |
| Opossum shrimp-Americamysis bahia      | EPA 1007.0 |
|                                        | EPA 2007.0 |
| Sheephead minnow-Cyprinodon variegatus | EPA 1004.0 |
|                                        | EPA 2004.0 |
| Water flea-Ceriodaphnia dubia          | EPA 1002.0 |
|                                        | EPA 2002.0 |



**Serial No.: 72523**

Property of the New York State Department of Health. Certificates are valid only at the address shown and must be conspicuously posted by the laboratory. Continued accreditation depends on the laboratory's successful ongoing participation in the Program. Consumers may verify a laboratory's accreditation status online at <https://apps.health.ny.gov/pubdoh/applinks/wc/elappublicweb/>, by phone (518) 485-5570 or by email to [elap@health.ny.gov](mailto:elap@health.ny.gov).



## Login Sample Receipt Checklist

Client: West Valley Cleanup Alliance LLC (WVCA)

Job Number: 480-237689-1

SDG Number: 1579

**Login Number: 237689**

**List Number: 1**

**Creator: Boyina, Kavya**

**List Source: Eurofins Buffalo**

| Question                                                                         | Answer | Comment |
|----------------------------------------------------------------------------------|--------|---------|
| Radioactivity either was not measured or, if measured, is at or below background |        |         |
| The cooler's custody seal, if present, is intact.                                |        |         |
| The cooler or samples do not appear to have been compromised or tampered with.   |        |         |
| Samples were received on ice.                                                    |        |         |
| Cooler Temperature is acceptable.                                                |        |         |
| Cooler Temperature is recorded.                                                  |        |         |
| COC is present.                                                                  |        |         |
| COC is filled out in ink and legible.                                            |        |         |
| COC is filled out with all pertinent information.                                |        |         |
| Is the Field Sampler's name present on COC?                                      |        |         |
| There are no discrepancies between the sample IDs on the containers and the COC. |        |         |
| Samples are received within Holding Time (Excluding tests with immediate HTs)..  |        |         |
| Sample containers have legible labels.                                           |        |         |
| Containers are not broken or leaking.                                            |        |         |
| Sample collection date/times are provided.                                       |        |         |
| Appropriate sample containers are used.                                          |        |         |
| Sample bottles are completely filled.                                            |        |         |
| Sample Preservation Verified                                                     |        |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs |        |         |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.     |        |         |
| If necessary, staff have been informed of any short hold time or quick TAT needs |        |         |
| Multiphasic samples are not present.                                             |        |         |
| Samples do not require splitting or compositing.                                 |        |         |
| Sampling Company provided.                                                       |        |         |
| Samples received within 48 hours of sampling.                                    |        |         |
| Samples requiring field filtration have been filtered in the field.              |        |         |
| Chlorine Residual checked.                                                       |        |         |



**Attachment C**  
**WEST VALLEY DEMONSTRATION PROJECT (WVDP)**  
**STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (SPDES)**  
**DISCHARGE MONITORING REPORT (DMR)**  
**SPDES PERMIT NO. NY-0000973**

**MARCH 1 THROUGH MARCH 31, 2026 MONITORING PERIOD**

**EMAIL CONFIRMATION FROM NYSDEC**

**From:** [netdmr-notification@epa.gov](mailto:netdmr-notification@epa.gov)  
**To:** [R9.NetDMR@dec.ny.gov](mailto:R9.NetDMR@dec.ny.gov); [Michael Pendl](#); [Jennifer Dundas](#); [Jamie Prowse](#); [Elizabeth Lowes](#); [rwring@cattco.org](mailto:rwring@cattco.org); [William Frederick](#); [Matia Varner](#); [Robert Steiner](#); [Anna Carr](#); [Jacob Schinzel](#)  
**Subject:** NetDMR DMR(s) Submittal Passed for: NY0000973  
**Date:** Monday, April 20, 2026 2:31:22 PM

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Reminder from the WVCA IT Department:

This e-mail came from an external source. Do not open attachments or click on links from unknown senders, or in unexpected e-mail messages regardless of the source. Our network security is dependent upon your good judgment. If in doubt, ask before you click.

The following signed 6 DMR(s) were submitted to EPA and were successfully processed:

CDX Transaction ID: \_31a03bde-99a2-470c-a657-7a06cf43e6dd  
User ID: ELIZABETH.LOWES@CHBWV.COM  
Timestamp: 04/20/2026 13:43:24

-----  
Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ  
Permit ID: NY0000973  
Permitted Feature: 001  
Discharge: M - OUTFALL 001 MONTHLY PROC WW, GW, STORM  
Monitoring Period End Date: 03/31/26

-----  
Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ  
Permit ID: NY0000973  
Permitted Feature: 001  
Discharge: W - OUTFALL 001 WET TESTING QUARTERLY  
Monitoring Period End Date: 03/31/26

-----  
Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ  
Permit ID: NY0000973  
Permitted Feature: 007  
Discharge: M - SANITARY, NC COOLING WATER, UTILITY WASTEWATER, STORMWATER  
Monitoring Period End Date: 03/31/26

-----  
Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ  
Permit ID: NY0000973  
Permitted Feature: 01B  
Discharge: M - MERCURY PRETREATMENT  
Monitoring Period End Date: 03/31/26

-----  
Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ  
Permit ID: NY0000973  
Permitted Feature: 116  
Discharge: M - PSEUDO MON. POINT @FRANKS CRK  
Monitoring Period End Date: 03/31/26

-----  
Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ  
Permit ID: NY0000973  
Permitted Feature: SUM  
Discharge: N - SUM OF OUTFALLS 1 & 7  
Monitoring Period End Date: 03/31/26

Thank you.

This is a submission from the LIVE (Production) site.