

# CETIS Test Evaluation Report

Report Date: 09 Nov-23 16:24 ( 1 of 1)  
Test Code/ID: CDUD1476 / 04-8307-2011

Facility: Paramount Petroleum  
Sample Site: Outfall #1 - Grab  
Sample Code: CDUD1472  
Sample Date: 21 Aug-23  
Sample Age: 17h (2.1 °C)  
Project: Alon Asphalt Company  
Permittee: Alon Asphalt  
Address:  
Contact:  
Phone:  
Email:

Test Name: Mysidopsis 96-h Acute Survival Test  
Organism: Americamysis bahia (Atlantic mysid)  
Protocol: EPA/821/R-02-012 (2002)  
Start Date: 21 Aug-23 16:53  
End Date: 23 Aug-23 15:16  
Duration: 46h Organism Age: 5d  
Laboratory: EcoAnalysts  
Address: 4770 NE View Dr.  
Port Gamble  
Port Gamble, WA 98364  
Contact: Brian Hester, Laboratory Director  
Phone: (360)297-6040  
Email: bhester@ecoanalysts.com

## Acute Toxicity Evaluation

Analysis ID	Endpoint	Criteria	Conc-%	IWC	Decision	Method
08-4604-1580	48-hour Survival	NOEL/LOEL	100/>100	11	Passes IWC	Steel Many-One Rank Sum Test

## Test Review Comments

This toxicity test is acceptable according to test review criteria. There were no significant deficiencies in sample handling, test performance, test organism response, or statistical analysis.

The sample tested was nontoxic to this test organism.

## Test Reviewer

Reviewer: Chris Dudenhoeffer, WET Coordinator  
Phone: 360-407-6445  
Email: cdud461@ecy.wa.gov

Signature

Date

## 48-hour Survival Summary

Conc-%	Code	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	%Effect
0	D	4	0.9750	0.8954	1.0550	0.9000	1.0000	0.0250	0.0500	5.13%	0.00%
0	SC	4	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.00%	-2.56%
3.4		4	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.00%	-2.56%
11		4	0.9750	0.8954	1.0550	0.9000	1.0000	0.0250	0.0500	5.13%	0.00%
25		4	0.9500	0.8581	1.0420	0.9000	1.0000	0.0289	0.0577	6.08%	2.56%
50		4	0.9750	0.8954	1.0550	0.9000	1.0000	0.0250	0.0500	5.13%	0.00%
100		4	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.00%	-2.56%

## 48-hour Survival Detail

MD5: DEF1389B17B925A8041EADFE38D42CED

Conc-%	Code	Rep 1	Rep 2	Rep 3	Rep 4
0	D	1.0000	0.9000	1.0000	1.0000
0	SC	1.0000	1.0000	1.0000	1.0000
3.4		1.0000	1.0000	1.0000	1.0000
11		0.9000	1.0000	1.0000	1.0000
25		1.0000	0.9000	0.9000	1.0000
50		1.0000	0.9000	1.0000	1.0000
100		1.0000	1.0000	1.0000	1.0000

## 48-hour Survival Binomials

Conc-%	Code	Rep 1	Rep 2	Rep 3	Rep 4
0	D	10/10	9/10	10/10	10/10
0	SC	10/10	10/10	10/10	10/10
3.4		10/10	10/10	10/10	10/10
11		9/10	10/10	10/10	10/10
25		10/10	9/10	9/10	10/10
50		10/10	9/10	10/10	10/10
100		10/10	10/10	10/10	10/10