Reasonable Potential Analyzer

Facility Name: City of Truth or Consequences

NPDES Permit Number: NM0020681

Outfall Number: 001

Proposed Critical Dilution*: 57

***Critical Dilution in draft permit, do not use % sign.**

Enter data in yellow shaded cells only. Fifty percent should be entered as 50, not 50%.

Test Data

	VERTEBRATE				INVERTEBRATE			
Date (mm/yyyy)	Lethal NOEC	Sublethal NOEC	Lethal TU	Sublethal TU	Lethal NOEC	Sublethal NOEC	Lethal TU	Sublethal TU
2/7/2017	51%	51%	196.08	196.08	51%	51%	196.08	196.08
5/2/2017	51%	51%	196.08	196.08	51%	51%	196.08	196.08
7/24/2017	51%	51%	196.08	196.08	51%	51%	196.08	196.08
12/12/2017	51%	51%	196.08	196.08	51%	51%	196.08	196.08
3/20/2018	51%	51%	196.08	196.08	51%	51%	196.08	196.08
6/25/2018	51%	51%	196.08	196.08	51%	51%	196.08	196.08
10/16/2018	51%	51%	196.08	196.08	51%	51%	196.08	196.08
10/30/2018	51%	51%	196.08	196.08	51%	51%	196.08	196.08
1/9/2019	51%	51%	196.08	196.08	51%	51%	196.08	196.08
6/18/2019	51%	51%	196.08	196.08	51%	51%	196.08	196.08
8/27/2019	51%	51%	196.08	196.08	51%	51%	196.08	196.08
10/29/2019	51%	51%	196.08	196.08	51%	51%	196.08	196.08
3/10/2020	51%	51%	196.08	196.08	51%	51%	196.08	196.08
5/19/2020	51%	51%	196.08	196.08	51%	51%	196.08	196.08
9/15/2020	51%	51%	196.08	196.08	51%	51%	196.08	196.08
11/17/2020	51%	51%	196.08	196.08	51%	51%	196.08	196.08
3/16/2021	51%	51%	196.08	196.08	51%	51%	196.08	196.08
6/19/2021	51%	51%	196.08	196.08	51%	51%	196.08	196.08
	0.51	0.51	196.08	196.08	0.51	0.51	196.08	196.08
Count			18	18			18	18
Mean			196.078	196.078			196.078	196.078
Std. Dev.			0.000	0.000			0.000	0.000
CV			0.0	0			0	0
RPMF			#N/A	#N/A			#N/A	#N/A

	1.754	Reasonable Potential Acceptance Criteria	
Vertebrate Lethal	#N/A	#N/A	
			Reasonable Potential exists, Permit requires WET monitoring and WET lir
Vertebrate Sublethal	#N/A	#N/A	
			Reasonable Potential exists, Permit requires WET monitoring and WET lir
Invertebrate Lethal	#N/A	#N/A	
			Reasonable Potential exists, Permit requires WET monitoring and WET lir
Invertebrate Sublethal	#N/A	#N/A	
			Reasonable Potential exists, Permit requires WET monitoring and WET lir