Reasonable Potential Analyzer

Facility Name: Village of Cuba

NPDES Permit Number: NM0024848

Outfall Number: 001

Proposed Critical Dilution*: 19

***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
Nov-06	14	14	7.14	7.14	43	32	2.33	3.13
Jan-07	14	14	7.14	7.14	43	32	2.33	3.13
Nov-07	43	43	2.33	2.33	43	43	2.33	2.33
Oct-08	43	43	2.33	2.33	43	43	2.33	2.33
	14	14	7.14	7.14	43	32	2.33	3.13
Count			4	4			4	4
Mean			4.734	4.734			2.326	2.725
Std. Dev.			2.781	2.781			0.000	0.462
CV			0.6	0.6			0.6	0.6
RPMF			2.6	2.6			2.6	2.6

	5.263	Reasonable Potential Acceptance Criteria
Vertebrate Lethal	3.529	No Reasonable Potential exists. Permit requires WET monitoring, but no WET limit.
Vertebrate Sublethal	3.529	No Reasonable Potential exists. Permit requires WET monitoring, but no WET limit.
Invertebrate Lethal	1.149	No Reasonable Potential exists. Permit requires WET monitoring, but no WET limit.
Invertebrate Sublethal	1.544	No Reasonable Potential exists. Permit requires WET monitoring, but no WET limit.