

Reasonable Potential Analyzer Appendix 3

Facility Name **Town of Bernalillo**
 NPDES Permit Number **NM0023485** Outfall Number **001**
 Proposed Critical Dilution* **19**

***Critical Dilution in draft permit, do not use % sign.
 Enter data in shaded cells only. Fifty percent should be entered as 50, not 50%.**

Test Data

Date (mm/yyyy)	VERTEBRATE				INVERTEBRATE			
	Lethal NOEC	Sublethal NOEC	Lethal TU	Sublethal TU	Lethal NOEC	Sublethal NOEC	Lethal TU	Sublethal TU
Oct-04	45		2.22		60		1.67	
Jan-05	60		1.67		60		1.67	
Apr-05	60		1.67		60		1.67	
Jul-05	60		1.67		60		1.67	
Oct-05	45		2.22		60		1.67	
Jan-06	60		1.67		60		1.67	
Apr-06	60		1.67		60		1.67	
Jul-06	60		1.67		45		2.22	
Oct-06	60		1.67		60		1.67	
Jan-07	60		1.67		60		1.67	
Apr-07	60		1.67		60		1.67	
Jul-07	60		1.67		60		1.67	
Oct-07	60		1.67		60		1.67	
Apr-08	60		1.67		60		1.67	
Jul-08	45		2.22		45		2.22	
Oct-08	60		1.67		60		1.67	
Jan-09	60		1.67		60		1.67	
Jul-09	60		1.67		60		1.67	

	45	0	2.22	NA	45	0	2.22	NA
Count			18	0			18	0
Mean			1.759	NA			1.728	NA
Std. Dev.			0.213	NA			0.180	NA
CV			0.1	0.6			0.1	0.6

RPMF		1.1	6.2		1.1	6.2
------	--	-----	-----	--	-----	-----

	5.263	Reasonable Potential Acceptance Criteria
Vertebrate Lethal	0.464	No Reasonable Potential exists. Permit requires WET monitoring, but no WET limit.
Vertebrate Sublethal	NA	NA
Invertebrate Lethal	0.464	No Reasonable Potential exists. Permit requires WET monitoring, but no WET limit.
Invertebrate Sublethal	NA	NA