

Reasonable Potential Analyzer -Appendix 4

Facility Name **City of Rio Rancho WWTP #2**
 NPDES Permit Number **NM0027987** Outfall Number **001**
 Proposed Critical Dilution* **11**

*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

Date (mm/yyyy)	VERTEBRATE				INVERTEBRATE			
	Lethal NOEC	Sublethal NOEC	Lethal TU	Sublethal TU	Lethal NOEC	Sublethal NOEC	Lethal TU	Sublethal TU
Jan-05	31	31	3.23	3.23	31	31	3.23	3.23
Apr-05	31	31	3.23	3.23	31	31	3.23	3.23
Jul-05	31	31	3.23	3.23	31	31	3.23	3.23
Oct-05	31	31	3.23	3.23	31	31	3.23	3.23
Jan-06	31	31	3.23	3.23	31	31	3.23	3.23
Apr-06	31	31	3.23	3.23	31	31	3.23	3.23
Jul-06	31	13	3.23	7.69	31	31	3.23	3.23
Oct-06	31	31	3.23	3.23	31	31	3.23	3.23
Jan-07	31	31	3.23	3.23	31	31	3.23	3.23
Apr-07	31	31	3.23	3.23	31	31	3.23	3.23
Jul-07	31	31	3.23	3.23	31	31	3.23	3.23
Oct-07	31	31	3.23	3.23	31	31	3.23	3.23
Jan-08	31	31	3.23	3.23	31	31	3.23	3.23
Apr-08	31	31	3.23	3.23	31	31	3.23	3.23
Jul-08	31	31	3.23	3.23	31	31	3.23	3.23
Oct-08	31	31	3.23	3.23	31	31	3.23	3.23
Jan-09	31	31	3.23	3.23	31	31	3.23	3.23
Apr-09	31	31	3.23	3.23	31	31	3.23	3.23
Jul-09	31	31	3.23	3.23	31	31	3.23	3.23
Oct-09	31	31	3.23	3.23	31	31	3.23	3.23
Jan-10	31	31	3.23	3.23	31	31	3.23	3.23

	31	13	3.23	7.69	31	31	3.23	3.23
Count			21	21			21	21
Mean			3.226	3.438			3.226	3.226
Std. Dev.			0.000	0.975			0.000	0.000
CV			0.0	0.3			0	0

RPMF		#N/A	1.2		#N/A	#N/A
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	9.091	Reasonable Potential Acceptance Criteria	
Vertebrate Lethal	#N/A	#N/A	
Vertebrate Sublethal	1.015	No Reasonable Potential exists. Permit requires WET monitoring, but no WET limit.	
Invertebrate Lethal	#N/A	#N/A	
Invertebrate Sublethal	#N/A	#N/A	

No Reasonable Potential exists. Permit requires WET monitoring, but no V

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