FACT SHEET APPENDIX 3 - Reasonable Potential Analyzer

Facility Name: City of Santa Fe WWTP

NPDES Permit Number: NM0022292 Outfall Number: 001

Proposed Critical Dilution*: 100

***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-04	100	100	1.00	1.00	100	100	1.00	1.00
Feb-05	100	100	1.00	1.00	100	100	1.00	1.00
May-05	100	32	1.00	3.13	100	100	1.00	1.00
Aug-05	100	100	1.00	1.00	100	100	1.00	1.00
Nov-05	100	100	1.00	1.00	100	100	1.00	1.00
Feb-06	100	100	1.00	1.00	100	100	1.00	1.00
May-06	100	100	1.00	1.00	100	100	1.00	1.00
Aug-06	100	34	1.00	2.94	100	100	1.00	1.00
Nov-06	100	100	1.00	1.00	100	100	1.00	1.00
Feb-07	100	100	1.00	1.00	100	100	1.00	1.00
May-07	100	54	1.00	1.85	100	100	1.00	1.00
Aug-07	100	100	1.00	1.00	100	56	1.00	1.79
Nov-07	100	100	1.00	1.00	100	32	1.00	3.13
Feb-08	100	100	1.00	1.00	100	100	1.00	1.00
May-08	100	100	1.00	1.00	100	100	1.00	1.00
Aug-08	100	100	1.00	1.00	100	100	1.00	1.00
Nov-08	100	100	1.00	1.00	100	100	1.00	1.00
May-09	100	100	1.00	1.00	100	100	1.00	1.00
Aug-09	100	100	1.00	1.00	100	100	1.00	1.00
	100	32	1.00	3.13	100	32	1.00	3.13
Count			19	19			19	19
Mean			1.000	1.259			1.000	1.153
Std. Dev.			0.000	0.656			0.000	0.510
CV			0	0.5			0	0.4
RPMF			0	1.3			0	1.3

	1	Reasonable Potential Acceptance Criteria
Vertebrate Lethal	No RP	Reasonable Potential exists, Permit requires WET monitoring and WET limit.
Vertebrate Sublethal	4.063	Reasonable Potential exists, Permit requires WET monitoring and WET limit.
Invertebrate Lethal	No RP	Reasonable Potential exists, Permit requires WET monitoring and WET limit.
Invertebrate Sublethal	4.063	Reasonable Potential exists, Permit requires WET monitoring and WET limit.