## Reasonable Potential Analyzer

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Facility Name	OH	ILP Mont Belvieu	NGL Fract			
NPDES Permit Number		TX0140091			Outfall Number	102
Proposed Critica	al Dilution*	74			_	
			*Critical Dil	ution in draft permit do not i	160 % sign	

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

Test Data			Enter data i	n yellow shade	d cells only. Fi	ifty percent shoul	d be entered	as 50, not 50%.
		VERTEBRATE			INVERTEBRATE			
Date (mm/yyyy)	Lethal NOEC	Sublethal NOEC	Lethal TU	Sublethal TU	Lethal NOEC	Sublethal NOEC	Lethal TU	Sublethal TU
Sep-14	1	l 11	9.09	9.09	11	11	9.09	9.09
Mar-15	1	1 11	9.09	9.09	11	11	9.09	9.09
Jun-15	1	1 11	9.09	9.09	11	11	9.09	9.09
Sep-15	1	l 11	9.09	9.09	11	11	9.09	9.09
Dec-15	1	l 11	9.09	9.09	11	11	9.09	9.09
Mar-15	1	l 11	9.09	9.09	11	11	9.09	9.09
Jun-15	1	l 11	9.09	9.09	11	11	9.09	9.09
Sep-15	1	l 11	9.09	9.09	11	11	9.09	9.09
Dec-15	1	l 11	9.09	9.09	11	11	9.09	9.09
Mar-16	1	l 11	9.09	9.09	11	11	9.09	9.09
Jun-16	1	1 11	9.09	9.09	11	11	9.09	9.09
Sep-16	1	1 11	9.09	9.09	11	11	9.09	9.09
Dec-16	1	1 11	9.09	9.09	11	11	9.09	9.09
Mar-17	1	l 11	9.09	9.09	11	11	9.09	9.09
Jun-17	1	1 11	9.09	9.09	11	11	9.09	9.09
Sep-17	1	1 11	9.09	9.09	11	11	9.09	9.09
Dec-17	1	1 11	9.09	9.09	11	11	9.09	9.09
Mar-18	1	1 11	9.09	9.09	11	11	9.09	9.09
				0.00				
-	1	1 11	9.09	9.09	11	11	9.09	9.09
Count			18	18			18	18
Mean			9.091	9.091			9.091	9.091
Std. Dev.			0.000	0.000			0.000	0.000
CV			0.0	0			0	0
DDME			#NT/A	#NI/A	1		#NT / A	#NI/A
KPMF		1.051	#IN/A	= #IN/A	<u> </u>	Nuite uite	#1 <b>N</b> /A	#IN/A
		1.351	Reasonabl	e Potential A	Acceptance C	riteria		
Vertebrate Let	thal	#N/A	#N/A					
		-	-	Reasonabl	e Potential e	xists, Permit re	equires WE	T monitoring and
Vertebrate Sul	blethal	#N/A	#N/A					
			_	Reasonabl	e Potential e	xists, Permit re	equires WE	T monitoring and
Invertebrate L	ethal	#N/A	#N/A				-	Ũ
			J	Reasonabl	e Potential e	xists Permit re	equires WF	T monitoring and
Invertebrate S	ublethal	#N/Δ	#N/A	reasonabl	e i otomulai e	inite, i crimt iv	quites WL	i monitoring and
moricorate S	uoreniai	#1N/PX	$\pi_1 \mathbf{N} / \mathbf{T}$	Daagonahi	a Dotontic1 -	wista Damait	NUL	T monitoring and
				Reasonabl	e Potential e	xists, Permit re	equires wE	a monitoring and

\* The proposed critical dilution has increased from 8% to 64% and 74%. This RP analysis concludes there is reasonable potential because the NOECs listed are all 11%, however the true NOEC in all cases was >11% with 11% being the highest effluent concentration tested. EPA concludes there is no data available to acurately statistically analyze reasonable potential at the final outfalls 001 and 002 based on the data provided for the internal outfall 101. Based on the history of compliance at Outfall 101 and the fact that the predominant effluent at 001 and 002 is similar to 101, monitoring only is recommended at the external outfalls, with no limit.