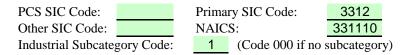
# **NPDES Permit Rating Sheet**

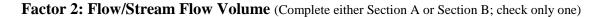
			0		
NPDES No.:	AR0053384			x	Regular Addition
Facility Name:	Exploratory Venture	es, LLC			Discretionary Addition
City:	Osceola				Score Change, but no status change
Receiving water:	Mississippi River				Deletion
Phone Number:					-
Is this facility a stream electric power plant (SIC=4911) with one or more of the following characteristics? 1. Power output 500 MW or greater? (Not using a cooling pond/lake)			population greater Yes - STO		parate storm sewer serving a ? Score = 700
(Not using a coon	ng pond/take)		10-		1
2. A nuclear powe	r plant				
3.Cooling water discharge greater than 25% of the Receiving stream's 7Q10 flow rate					
	OP HERE Score	e = 600			

#### **Factor 1: Toxic Pollutant Potential**

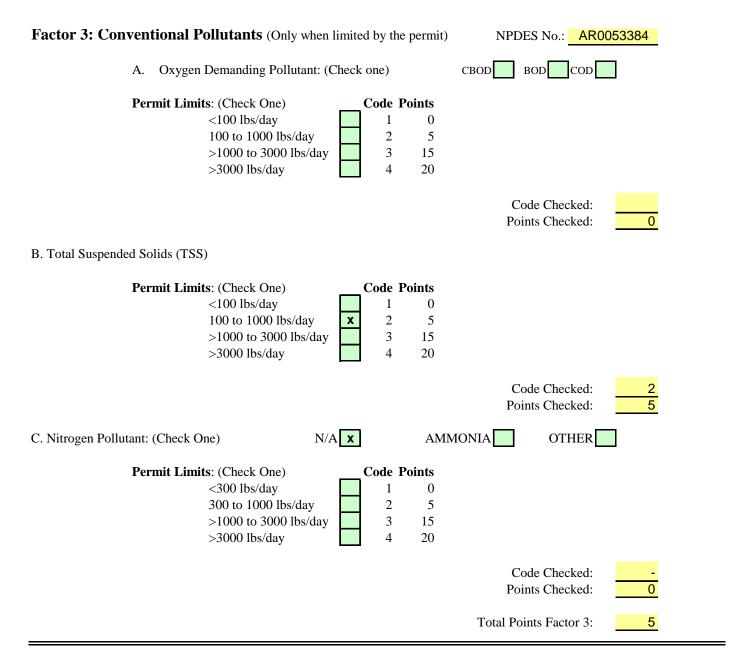


Determine the Toxicity potential from Appendix A. Be sure to use the TOTAL toxicity potential column and check one.

Toxicity Group	Code Po	oints	Toxicity Group	Code P	oints	Toxicity Group		Code I	Points		
NPWS*	0	0	3	3	15	7		7	35		
1	1	5	4	4	20	8		8	40		
2	2	10	5	5	25	9		9	45		
*No Process	Waste Str	eam	6	6	30	10	x	10	50		
								Code Ch oints Fa		10 50	-

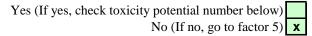


Section A-Wastew	ater Flow On	ly Conside	ered	Section B-Waste	water and Stre	am Flow Considered
WW Type	Flow (MGD)	Code P	oints	WW Type	% WW*	Code Points
Type I:	<5	11	0	Type I/III:	<10	41 0
	5 to 10	12	10		$\geq 10$ to $< 50$	42 10
	>10 to 50	13	20		≥50	43 20
	>50	14	30	Type II:	<10	51 0
Type II:	<1	21	10		$\geq 10$ to $< 50$	52 20
	1 to 5	22	20 <b>x</b>		≥50	53 30
	>5 to 10	23	30			
	>10	24	50			
Type III:	<1	31	0			
	1 to 5	32	10			
	>5 to 10	33	20			Code Checked: 22
	>10	34	30		Total	Points Factor 2: 20
* % IWC at receiv	ving stream lov	w flow				



### Factor 4: Public Health Impact

Is there a public drinking water supply located within 50 miles downstream of the effluent discharge (this includes any body of water to which the receiving water is a tributary)? A public drinking water supply may include filtration galleries, or other methods of conveyance that ultimately get water from the above referenced supply.



Determine the human health toxicity potential from Appendix A. Use the same SIC code and subcategory reference as in Factor 1. (Be sure to use the <u>human health</u> toxicity group column-check one below)

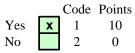
Toxicity Group		Code Po	ints	Toxicity Group	Code Po	oints	Toxicity Group	 Code ]	Points
NPWS*		0	0	3	3	0	7	7	15
1		1	0	4	4	0	8	8	20
2		2	0	5	5	5	9	9	25
*No Proce	ess V	Waste Stre	am	6	6	10	10	10	30



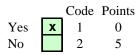
#### **Factor 5: Water Quality Factors**

NPDES No.: AR0053384

A. Is (or will) one or more of the effluent discharge limits based on water quality factors of the receiving stream (rather than technology-based Federal ELGs, or technology-based State ELGs), or has a WLA been assigned to the discharge?

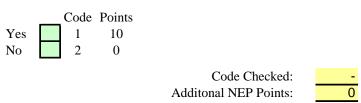


B. Is the receiving water in compliance with applicable WQSs for pollutants that are water quality-limited in the permit?



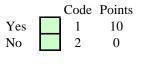
C. Does the effluent discharged from this facility exhibit reasonable potential to violateWQSs due to whole effluent toxicity?

	Yes Cod Yes 1 No X 2	e Points 10 0 Code Checked: A: <u>1</u> B: Points Checked: A: <u>10</u> B: Total Points Fa				
Factor 6: Pro	Factor 6: Proximity to Near Coastal Waters N/A					
A. Base Score:	Flow code from Factor 2: 22	Multiplication factor for flo	ow code: 0.30			
	HPRI #   Code   HPRI Score     1   1   20     2   2   0     3   3   30     4   4   0     5   5   20	Flow Code Multipl 11, 31, or 41 12, 32, or 42 13, 33, or 43 14 or 34 21 or 51 22 or 52 23 or 53 24	ication Factor 0 0.05 0.1 0.15 0.1 0.3 0.6 1			
HPRI Code Checked: Base Score: (HPRI Score) 0 <b>x</b> Flow Code Multiplication Factor 0.30 = 0 Base Points B. Additional Points - NEP Program: For a facility that has an HPRI code of 3, does the facility discharge to one of the estuaries enrolled in the National Estuary Protection (NEP) program (See instructions) or the Chesapeake Bay?						





C. Additional Points-Great Lakes Area of Concern for a facility that has an HPRI code of 5, does the facility discharge any of the pollutants of concern into one of the Great Lakes' 31 areas of concern (See instruction)



Code Checked: Additional Great Lakes Points:



**Total Points Factor 6:** 

### **Score Summary**

Factor	Description	Points
1	Toxic Pollutant Potential	50
2	Flow/Stream Flow Volume	20
3	<b>Conventional Pollutants</b>	5
4	Public Health Impacts	0
5	Water Quality Factors	10
6	Proximity to Near Coastal Waters	0

**Total Points** 85

# Total Score is 80 or more - Facility is a MAJOR facility

Would you like this facility to be discretionary major?

Reason:	
New Score:	85
Old Score:	
	Terry Liu
	Permit Reviewer's Name
	501-682-0653

Phone Number

**11/17/2022** Date