

# NPDES Permit Rating Sheet

- Regular Addition
- Discretionary Addition
- Score Change, but no Status change
- Deletion

NPDES No.: A R 0 0 3 8 8 2 2

Facility Name: C O O P E R T I R E

City: T E X A R K A N A

Receiving Water: N I X C R E E K

Reach Number: 1 1 1 4 0 2 0 1 + 0 1 4

- 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)
  2. A nuclear power plant
  3. Cooling water discharge greater than 25% of the Receiving stream's 7Q10 flow rate
- Yes, Score is 600 (Stop here)  No (Continue)
- Is this Permit for a municipal separate storm sewer Serving a population greater than 100,000?
- Yes, Score is 700 (Stop here)  No (Continue)

### Factor 1: Toxic Pollutant Potential

PCS SIC Code: 3 0 1 1 Primary SIC Code:     

Other Sic Code:                    

Industrial Subcategory Code: 0 0 0 (Code 000 if no subcategory)

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

Toxicity Group	Code	Points	Toxicity Group	Code	Points	Toxicity Group	Code	Points
<input checked="" type="checkbox"/> No process			<input type="checkbox"/> 3.	3	15	<input type="checkbox"/> 7.	7	35
Waste stream	0	00	<input type="checkbox"/> 4.	4	20	<input type="checkbox"/> 8.	8	40
<input type="checkbox"/> 1.	1	05	<input type="checkbox"/> 5.	5	25	<input type="checkbox"/> 9.	9	45
<input type="checkbox"/> 2.	2	10	<input type="checkbox"/> 6.	6	30	<input type="checkbox"/> 10.	10	50

Code Number Checked: 0 0  
Total Points Factor 1: 0 0

### Factor 2: Flow/Stream Flow Volume (Complete either Section A or Section B; check only one)

Section A-Wastewater Flow Only Considered				Section B-Wastewater and Stream Flow Considered			
Wastewater Type (See instruction)	Code	Points		Wastewater Type (See instruction)	% of instream Wastewater Concentration at Receiving stream low flow	Code	Points
Type I:				Type I/III:	<10%	<input type="checkbox"/>	41 00
Flow <5 MGD	<input type="checkbox"/>	11	00		>= 10% to <50%	<input type="checkbox"/>	42 10
Flow 5 to 10 MGD	<input type="checkbox"/>	12	10		>= 50%	<input type="checkbox"/>	43 20
Flow >10 to 50 MGD	<input type="checkbox"/>	13	20	Type II:	< 10%	<input checked="" type="checkbox"/>	51 00
Flow >50 MGD	<input type="checkbox"/>	14	30		>= 10% to < 50%	<input type="checkbox"/>	52 20
Type II:					>= 50%	<input type="checkbox"/>	53 30
Flow <1 MGD	<input type="checkbox"/>	21	10				
Flow 1 to 5 MGD	<input type="checkbox"/>	22	20				
Flow >5 to 10 MGD	<input type="checkbox"/>	23	30				
Flow > 10 MGD	<input type="checkbox"/>	24	50				
Type III:							
Flow < 1 MGD	<input type="checkbox"/>	31	00				
Flow 1 to 5 MGD	<input type="checkbox"/>	32	10				
Flow >5 to 10 MGD	<input type="checkbox"/>	33	20				
Flow > 10 MGD	<input type="checkbox"/>	34	30				

Code Checked from Section A or B: 5 1  
Total Points Factor 2: 0 0

# NPDES Permit Rating Sheet

NPDES No.: AR0038822

## Factor 3: Conventional Pollutants (Only when limited by the permit)

A. Oxygen Demanding Pollutant: (Check one)  BOD     COD     Other \_\_\_\_\_

Permit Limits: (Check One)	<input type="checkbox"/> <100 lbs/day	Code	Points
	<input type="checkbox"/> 100 to 1000 lbs/day	1	00
	<input checked="" type="checkbox"/> >1000 to 3000 lbs/day	2	05
	<input type="checkbox"/> > 3000 lbs/day	3	15
		4	20

Code Checked: 4  
Points Scored: 20

## B. Total Suspended Solids (TSS)

Permit Limits: (Check One)	<input type="checkbox"/> <100 lbs/day	Code	Points
	<input checked="" type="checkbox"/> 100 to 1000 lbs/day	1	00
	<input type="checkbox"/> >1000 to 5000 lbs/day	2	05
	<input type="checkbox"/> > 5000 lbs/day	3	15
		4	20

Code Checked: 3  
Points Scored: 45

## C. Nitrogen Pollutant: (Check One)    Ammonia    Other: \_\_\_\_\_

Permit Limits: (Check One)	<input type="checkbox"/> Nitrogen Equivalent	Code	Points
	<input type="checkbox"/> <300 lbs/day	1	00
	<input type="checkbox"/> 300 to 1000 lbs/day	2	05
	<input type="checkbox"/> >1000 to 3000 lbs/day	3	15
	<input type="checkbox"/> > 3000 lbs/day	4	20

Code Checked: 4  
Points Scored: 00  
Total Points Factor 3: 35

## 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 infiltration galleries, or other methods of conveyance that ultimately get water from the above referenced supply.

Yes (If yes, check toxicity potential number below)

No (If no, go to factor 5)

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 human health toxicity group column-check one below)

<input type="checkbox"/> No process Waste stream    0        00 <input type="checkbox"/> 1.            1        00 <input type="checkbox"/> 2.            2        00	<input type="checkbox"/> 3.            3        00 <input type="checkbox"/> 4.            4        00 <input type="checkbox"/> 5.            5        05 <input checked="" type="checkbox"/> 6.            6        10	<input type="checkbox"/> 7.            7        15 <input type="checkbox"/> 8.            8        20 <input type="checkbox"/> 9.            9        25 <input type="checkbox"/> 10.          10      30
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Code Number Checked: 06  
Total Points Factor 4: 10

# NPDES Permit Rating Sheet

NPDES No.: AR0038822

## Factor 5: Water Quality Factors

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 effluent guidelines, or technology-based state effluent guidelines), or has a wasteload allocation been assigned to the discharge?

<input checked="" type="checkbox"/>	Yes	Code	1	Points	10
<input type="checkbox"/>	No	Code	2	Points	00

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

<input checked="" type="checkbox"/>	Yes	Code	1	Points	00
<input type="checkbox"/>	No	Code	2	Points	05

C. Does the effluent discharged from this facility exhibit the reasonable potential to violate water quality standards due to whole effluent toxicity?

<input checked="" type="checkbox"/>	Yes	Code	1	Points	10
<input type="checkbox"/>	No	Code	2	Points	00

Code Number Checked: A 1 B 1 C 1

Points Factor 5: A 10 + B 00 + C 10 = 20 Total

## Factor 6: Proximity to Near Coast Waters

A. Base Score: Enter flow code here (from Factor 2):    N/A Enter the multiplication factor that corresponds to the flow code:   

Check appropriate facility HPRI Code (from PCS):

	HPRI #	Code	HPRI Score	Flow Code	Multiplication Factor
<input type="checkbox"/>	1	1	20	11, 31, or 41	0.00
<input type="checkbox"/>	2	2	00	12, 32, or 42	0.05
<input type="checkbox"/>	3	3	30	13, 33, or 43	0.10
<input type="checkbox"/>	4	4	00	14 or 34	0.15
<input type="checkbox"/>	5	5	20	21 or 51	0.10
				22 or 52	0.30
				23 or 53	0.60
				24	1.00

HPRI Code Checked:  

Base Score: (HPRI Score) \_\_\_\_\_ X (Multiplication Factor) \_\_\_\_\_ = \_\_\_\_\_ (Total 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?

<input type="checkbox"/>	Yes	Code	1	Points	10
<input type="checkbox"/>	No	Code	2	Points	00

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)

<input type="checkbox"/>	Yes	Code	1	Points	10
<input type="checkbox"/>	No	Code	2	Points	00

Code Number Checked: A   B   C  

Points Factor 6: A    + B    + C    =    Total

# NPDES Permit Rating Sheet

NPDES No.: AR0038822

## Score Summary

Factor	Description	Total Points
1	Toxic Pollutant Potential	<u>0</u>
2	Flow/Stream Flow Volume	<u>0</u>
3	Conventional Pollutants	<u>35</u>
4	Public Health Impacts	<u>10</u>
5	Water Quality Factors	<u>20</u>
6	Proximity to Near Coastal Waters	<u>0</u>
Total (Factor 1 through 6)		<u>65</u>

S1. Is the total score equal to or greater than 80?

Yes (facility is a major)                       No

S2. If the answer to the above question is no, would you like this facility to be discretionary major?

No

Yes (Add 500 points to the above score and provide reason below):

Reason: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

New Score : 65

Old Score : \_\_\_\_\_

Shane Byrum  
 Permit Reviewer's Name  
501-682-0618  
 Phone Number  
10-24-08  
 Date