				911) I		for a municipa eater than 100,0	Regular Addition Discretionary Addition Score Change, but no Deletion	status chang		
1. Power output 500 (Not using a cooling 2. A nuclear power p	pond/lake)				∐Yes, Score ⊠No (Conti	e is 700 (Stop honue)	ere)			
3.Cooling water disc Receiving stream's			of the							
☐Yes, Score is 600 ☑No (Continue)	(stop here))								
Factor 1: Toxic I PCS SIC Code: 3531 Other SIC Code: Industrial Subcategor Determine the Toxici Toxicity Group	y Code: ty potential	Prim NAICS:3 (Code 000 from Apper	if no sub	category Se sure to	y) o use the TC	OTAL toxicity p	otential column and Toxicity Group			ints
⊠NPWS*	0	00	☐3.		3	15		7	35	
<u></u> 1.		05	<u></u> 4.		4	20	<u></u> 8.	8	40	
<u></u>	2	10	<u></u> 5.		5	25	<u>□</u> 9.	9	45	
*No process Waste	Stream		<u></u> 6.		6	30	[_]10. Code Number Cl	10	50 0	
							Total Points Fac			
Factor 2: Flow	Stream 1	Flow Volu	me (Co	mplete e	either Sectio	n A or Section l				
Section A-Wastev							istewater and Stream	n Flow Co	nsider	ed
Wastewater				Code	Points	Wastewater	% of instream	C	Code	Points
Type (see instruction)						Type (See	Wastewater Concentration at			
(see mondenon)						instruction)	Receiving stream			
Type I:	Flow < 5 N			11	00	,	low flow			
	Flow 5 to		\vdash	12	10	T 1/111	.1007	 1		
	Flow > 10 Flow > 50	to 50 MGD	님	13 14	20 30	Type I/III:	<10% >=10% to <50%		41 42	00 10
Type II:	Flow < 1 M			21	10		>=50%			
Type II.	Flow 1 to		H	22	20	Type II:	<10%	님	43 51	20 00
		o 10 MGD		23	30	1) po 11.	>=10% to <50%	Ħ	52	20
	Flow > 10			24	50		>=50%		53	30
Type III:	Flow <1 N		\bowtie	31	00					
	Flow 1 to	5 MGD o 10 MGD	님	32 33	10 20					
	Flow > 3 t		H	34	30	Code Number	Checked:	31	(88)	
	2 20 10			J .	50	Total Points F		00		

NPDES Permit #: AR0051454 AFIN: 60-01529

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

A. Oxygen Demand Permit Limits:		t: (Check one) BOD Co	Co	ner ode 1 2 3	Points 00 05 15 20	Code Cl Points C	necked: 'hecked:	-
B. Total Suspended S Permit Limits:			,	ode 1 2 3 4	Points 00 05 15 20	Code Cl Points C	necked: 'hecked:	1 0
C. Nitrogen Pollutan Permit Limits:		e) Ammonia Other: Nitrogen Equivalent <100 lbs/day 100 to 1000 lbs/day >1000 to 3000 lbs/day >3000 lbs/day	,	ode 1 2 3 4	Points 00 05 15 20	Code Cl Points C	necked: 'hecked:	1 0
body of water to whi galleries, or other me Yes (If yes, check No (If no, go to fa Determine the human	aking water so ch the receive thods of con- toxicity pote actor 5)	upply located within 50 milesting water is a tributary)? A proveyance that ultimately get w	ublic drink vater from A. Use the	ting water s the above r	ffluent discharg upply may incl eferenced supp	ude filtration	udes any on	0
Toxicity Group		Points Toxicity Group	Code	Points	Toxic	ity Group	Code	Points
NPWS* □1. □2. *No process Wast	1 (00	3 4 5 6	00 00 05 10		mber Checl	_	15 20 25 30

NPDES Permit #: AR0051454

AFIN: 60-01529

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?

	Code	Points
⊠Yes	1	10
□No	2	00

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

	Code	Points
\boxtimes Yes	1	00
□No	2	05

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

	Code	Points
□Yes	1	10
\boxtimes No	2	00

Code Number Checked: A $\underline{2}$ B $\underline{1}$ C $\underline{2}$ Points Factor 5: A $\underline{10}$ + B $\underline{0}$ + C $\underline{0}$ = $\underline{10}$ Total

Factor 6: Proximity to Near Coastal Waters

A. Base Score: Enter flow code here (From Factor 2): n/a

Enter the multiplication factor that corresponds to the flow code: __n/a

Check appropriate facility HPRI Code (from PCS):

HPRI #	Code	HPRI Score	Flow Code	Multiplication Factor
1	1	20	11, 31, or 41	.00
2	2	00	12, 32, or 42	.05
3	3	30	13, 33, or 43	.10
4	4	00	14 or 34	.15
5	5	20	21 or 51	.10
			22 or 52	.30
			23 or 53	.60
			24	1.00

HPRI Code Checked:

Base Score: (HPRI Score) ___ x (Multiplication Factor) ___ = ___ Total Points

B. Additional Points- NEP Program - n/a

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?

	Code	Point
□Yes	1	10
\square No	2	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) - n/a

	Code	Point
Yes	1	10
\square No	2	00

Code Number Checked: A____ B___ C
Points Factor 6: A___ + B___ + C__ = __ Total

NPDES Permit #: AR0051454 AFIN: 60-01529

Score Summary

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

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 No Yes (Add 500 points to the above score and provide reason:	
New Score: 10 Old Score:	
Perm	it Reviewer's Name Jennifer Harmon

Phone Number 501-682-0627

Date 01/19/2010

NPDES No.: AR0051454 Facility Name: Caterpillar Inc North American Motor Grader Facility City: North Little Rock Receiving water(s): unnamed ditch, thence into Faulkner Lake, thence Plum Bayou, thence into the Arkansas River Phone Number: 501-955-5250				Ladi D	X	□Regular Addition □Discretionary Additi □Score Change, but no □Deletion	status change	
Is this facility a strea with one or more of	the following	characteristi		population	greater than 100.		er serving	а
 Power output 500 (Not using a cooling A nuclear power p 	pond/lake) N			∐Yes, Sco ⊠No (Con	ore is 700 (Stop Intinue)	nere)		
3.Cooling water disc Receiving stream's 7			the					
☐Yes, Score is 600 ☑No (Continue)	(stop here)							
Factor 1: Toxic IPCS SIC Code: 3531 Other SIC Code:ndustrial Subcategor Determine the Toxici	NA NA ry Code: (0	Primary ICS: <u>3331</u> Code 000 if n	o subcateg	ory)	ΓΟΤΑL toxicity _J	potential column and	check one	
Toxicity Group	Code Po	oints To	xicity Gro	oup Code	Points	Toxicity Group	Code	Points
⊠NPWS* □1. □2. *No process Waste	0 00 1 05 2 10 e Stream	; <u> </u>	3. 4. 5. 6.	3 4 5 6	15 20 25 30	☐7. ☐8. ☐9. ☐10. Code Number C	-	
Factor 2: Flow Section A-Wastev Wastewater Type (see instruction) Type I:	vater Flow Or Flow <5 MC	nly Considere	cd Cod	e Points		Total Points Fa B; check only one) 'astewater and Stream % of instream Wastewater Concentration at Receiving stream low flow	n Flow Co	
	Flow 5 to 10 Flow >10 to Flow >50 M	50 MGD	12 13 14	10 20 30	Type I/III:	<10% >=10% to <50%		41 00 42 10
Type II:	Flow <1 MC Flow 1 to 5 Flow >5 to 1 Flow >10 M	MGD 10 MGD	21 22 23 24	10 20 30 50	Type II:	>=50% <10% >=10% to <50% >=50%		43 20 51 00 52 20 53 30
Type III:	Flow <1 MC Flow 1 to 5 Flow >5 to 1 Flow >10 M	GD MGD 10 MGD	31 32 33 34	00 10 20 30	Code Numbe		31	
					Total Points	Factor 2:	00	

NPDES Permit #: AR0051454 AFIN: 60-01529

Total Points Factor 4:

Factor 3: Conventional Pollutants	(Only when limited by the permit)
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A. Oxygen Demano	ding Pollutant:	(Check o	ne) 🔲 BOD 💢 CO						
Permit Limits:	(Check One)				de	Points			
			0 lbs/day		1	00			
			to 1000 lbs/day		2	05			
		_	00 to 3000 lbs/day	3	3	15			
		□ > 300 □	00 lbs/day	4	1	20			1
							Code Che	د :cked	Ha !
							Points Ch	ecked: <u>r</u>	1/20
B. Total Suspended S	(22T) shilos								
Permit Limits:				Co	de	Points			
refull Limits.	(Check One)	√7/-10/) lha/dar.						
			O lbs/day		l	00			
			to 1000 lbs/day	4	2 3 4	05			
			00 to 3000 lbs/day	-		15			
		>30€	00 lbs/day	2	1	20			. 1
							Code Che		
							Points Ch	ecked: 1	atá 0
C. Nitrogen Pollutan	t: (Chack One) [] A mm	onia Other:						
Permit Limits:			en Equivalent	Co	de	Points			
reflut Linuts.	(Check One)		O lbs/day		_				
						00			
			to 1000 lbs/day	2		05			
			00 to 3000 lbs/day		3	15			
		>300	00 lbs/day	2	1	20			
							Code Che		
							Points Ch	ecked: x	HT &
							Total Points Fa	ctor 3:	0
Factor 4: Public	Health Im	nact					Total Follis Ta	CiO ₁ 5.	U
			- 4 141 i 50 11	1	6 41	.ca	L (41-1-1-1-1	1	
Is there a public drir									
body of water to whi								n	
galleries, or other me	ethods of conv	eyance tha	at ultimately get wa	ater from	the above r	eferenced su	apply.		
⊠Yes (If yes, check	toxicity poter	itial numb	er below)						
No (If no, go to fa			ox 5015 ···)						
_ , ,	,								
Determine the human						code and su	bcategory refer	ence as i	in
Factor 1. (Be sure to	use the human	n health to	xicity group colum	ın-check c	ne below)				
Toxicity Group	Code P	oints	Toxicity Group	Code	Points	To	xicity Group	Code	Points
⊠NPWS*	0 00	1	□3	3	00		7.	7	15
□1	1 00		H ₄ .	4	00		8.	8	20
□2·			□ ^{4.}				8. 9.		
∟ _∠.	2 00	,	∐3. □	5	05	_		9	25
#XY *** ·	- 04		∟_0.	6	10		10.	10	30
*No process Wast	e Stream					0.1	Night Of 1	1	0
						Code	Number Check	ced:	0

NPDES Permit #: AR0051454

AFIN: 60-01529

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?

	Code	Points
Yes No	1	10
⊠No	2	00

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

	Code	Points
\boxtimes Yes	1	00
\square No	2	05

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

	Code	Points
Yes	1	10
\boxtimes No	2	00

Code Number Checked: A
$$\underline{2}$$
 B $\underline{1}$ C $\underline{2}$ Points Factor 5: A $\underline{10}$ + B $\underline{0}$ + C $\underline{0}$ = $\underline{10}$ Total

Factor 6: Proximity to Near Coastal Waters

A. Base Score: Enter flow code here (From Factor 2): ____n/a

Enter the multiplication factor that corresponds to the flow code: n/a

Check appropriate facility HPRI Code (from PCS):

HPRI #	Code	HPRI Score	Flow Code	Multiplication Factor
1	1	20	11, 31, or 41	.00
2	2	00	12, 32, or 42	.05
3	3	30	13, 33, or 43	.10
4	4	00	14 or 34	.15
5	5	20	21 or 51	.10
			22 or 52	.30
			23 or 53	.60
			24	1.00

HPRI Code Checked:

Base Score: (HPRI Score) ___ x (Multiplication Factor) ___ = ___ Total Points

B. Additional Points- NEP Program - n/a

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?

	Code	Points
□Yes	1	10
□No	2	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) - n/a

	Code	Points
Yes	1	10
□No	2	00

Code Number Checked: A_ B_ C
Points Factor 6: A_
$$+$$
 B_ $+$ C_ = Total

NPDES Permit #: AR0051454

AFIN: 60-01529

Score Summary

Factor	Description	Total Points
1	Toxic Pollutant Potential	<u>0</u>
2	Flow/Stream Flow Volume	0
3	Conventional Pollutants	<u>n/a</u>
4	Public Health Impacts	<u>0</u>
5	Water Quality Factors	<u> 0</u>
6	Proximity to Near Coastal Waters	<u>n/a</u>
	Total (Factor 1 through 6)	1_0

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: 10 Old Score:

Permit Reviewer's Name Jennifer Harmon

Phone Number 501-682-0627

Date 01/19/2010