



Scott Thompson  
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

Mary Fallin  
Governor

## PUBLIC NOTICE

May 14, 2018

### REQUEST FOR PUBLIC COMMENT ON PROPOSED MODIFICATION TO OKLAHOMA'S WATER QUALITY MANAGEMENT PLAN FOR THE WASTEWATER TREATMENT PLANT FOR SOFIDEL AMERICA

Public Comment Period Begins May 11, 2018

**Public Comment Period Ends June 25, 2018**

**Permittee:** Sofidel America, 420 S 145<sup>th</sup> East Avenue, Tulsa, OK 74108  
[Facility Legal Description NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$  Section 24, Township 19 North, Range 16 West, I.M.]

**Receiving waters and point of discharge location:** Verdigris River (OK121500020120\_00) in the [Lower Verdigris](#) watershed.[NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$  Section 23, Township 19 North, Range 16 West, I.M. Latitude 36° 07' 09" N; Longitude -95° 34' 11" W]

Sofidel America plans to discharge treated process wastewater effluent from their proposed facility to the Verdigris River near Inola. The proposed wastewater treatment plant will be a relatively simple design that is extensively employed for treatment of sanitary and industrial process wastewaters. Long detention times within the extended aeration system allow for reduction in peak organic loading by maintaining ample time for pollutant stabilization and removal. To protect against potential system upsets due to slug loading, the system will be equipped with a flow equalization tank to automatically regulate peak hydraulic and pollutant loadings. In addition, an anoxic tank will be placed prior to flow into the aeration tank to protect against aerobic foam forming organisms. The system would be designed such that it could be easily reconfigured for both biological denitrification and chemical phosphorus precipitation in the event that it is required. The treated process wastewater will be pumped through an approximately one-mile force main to be constructed from the wastewater treatment plant to the receiving stream as the final outfall for the effluent. Sofidel America hired a consultant to conduct a wasteload allocation (WLA) study for the proposed discharge from its treatment plant. A WLA is the maximum amount of pollutants in treated wastewater that can safely be discharged into a waterbody without adversely affecting its quality.

The [Oklahoma Department of Environmental Quality](#) (DEQ), along with the U.S. Environmental Protection Agency (EPA), evaluated the results of the consultant's WLA study and the condition of the Verdigris River to approve of these recommended maximum amounts that may be discharged into it with a design flow of 3.0 MGD.

**Daily Maximum:** 2251.8 lb/day CBOD<sub>5</sub> (5-day carbonaceous biochemical oxygen demand)  
375.3 lb/day NH<sub>3</sub>-N (ammonia nitrogen)  
3002.4 lb/day TSS (total suspended solids)

**Monthly Average:** 1501.2 lb/day CBOD<sub>5</sub>  
250.2 lb/day NH<sub>3</sub>-N  
2001.6 lb/day TSS

The comment period will be open for 45 days. If you have any concerns regarding these proposed limits, please submit your comments in writing by the end of the workday on **June 25, 2018**, to:

David Akakpo, P.E.  
 Oklahoma DEQ - Water Quality Division  
 P.O. Box 1677  
 Oklahoma City, OK 73101-1677  
 (405) 702-8197  
 E-mail [Water.Comments@deq.ok.gov](mailto:Water.Comments@deq.ok.gov)

You may also request a public meeting in writing. If there is a significant degree of public interest, DEQ will schedule a public meeting. After evaluating comments received and making any necessary changes, the WLA will be submitted to EPA for final approval.

<b>FACILITY 208: SOFIDEL AMERICA</b>		<b>CITY/TOWN: INOLA</b>	
<b>FACILITY LEGAL LOCATION:</b>	NE¼NE¼NW¼ S23T19NR16W I.M.	<b>COUNTY:</b>	ROGERS
<b>NPDES #:</b>	OK0100676	<b>SIC CODE:</b>	2676
<b>STATE FACILITY NUMBER:</b>	I-66001900	<b>OPERATIONS DESCRIPTION:</b>	Tissue Paper Plant
<b>OUTFALL NUMBER</b>	<b>001</b>		
<b>WASTEWATER DESCRIPTION:</b>	Process Wastewater		
<b>TREATMENT PROCESS:</b>	Activated Sludge	<b>CRITICAL EFFLUENT FLOW(MGD) :</b>	<b>3.0</b>
<b>EVALUATION TYPE:</b>	Wasteload allocation study	(Highest 30 day average flow)	
<b>POINT OF DISCHARGE:</b>	NE¼NE¼NW¼ S24T19NR16W I.M.	<b>LATITUDE:</b>	36° 07' 09" N
		<b>LONGITUDE:</b>	-95° 34' 11" W
<b>RECEIVING STREAM:</b>	Verdigris River (OK121500020120_00)	<b>SEGMENT:</b>	620910
<b>7-day 2-year low flow in MGD (7Q2):</b>	Summer (143), Spring (619), Winter (118)	<b>STREAM CLASS:</b>	Perennial
<b>WASTELOAD ALLOCATION: For Dissolved Oxygen demanding substances</b>			
<b>Daily Maximum:</b>	2251.8 lb/day CBOD <sub>5</sub> 375.3 lb/day NH <sub>3</sub> -N 3002.4 lb/day TSS	<b>Monthly Average:</b>	1501.2 lb/day CBOD <sub>5</sub> 250.2 lb/day NH <sub>3</sub> -N 2001.6 lb/day TSS
<b>pH:</b>	6.5 - 9.0 s.u.		
		<b>EPA APPROVAL DATE</b>	pending
		<b>RECORD LAST CREATED</b>	5/10/2018



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**Monthly Average:** 1501.2 lb/day CBOD<sub>5</sub>  
250.2 lb/day NH<sub>3</sub>-N  
2001.6 lb/day TSS

The comment period will be open for 45 days. If you have any concerns regarding these proposed limits, please submit your comments in writing by the end of the workday on **June 25, 2018**, to:

David Akakpo, P.E.  
 Oklahoma DEQ - Water Quality Division  
 P.O. Box 1677  
 Oklahoma City, OK 73101-1677  
 (405) 702-8197  
 E-mail [Water.Comments@deq.ok.gov](mailto:Water.Comments@deq.ok.gov)

You may also request a public meeting in writing. If there is a significant degree of public interest, DEQ will schedule a public meeting. After evaluating comments received and making any necessary changes, the WLA will be submitted to EPA for final approval.

<b>FACILITY 208:</b> SOFIDEL AMERICA		<b>CITY/TOWN:</b> INOLA	
<b>FACILITY LEGAL LOCATION:</b>	NE¼NE¼NW¼ S23T19NR16W I.M.	<b>COUNTY:</b>	ROGERS
<b>NPDES #:</b>	OK0100676	<b>SIC CODE:</b>	2676
<b>STATE FACILITY NUMBER:</b>	I-66001900	<b>OPERATIONS DESCRIPTION:</b>	Tissue Paper Plant
<b>OUTFALL NUMBER</b>	001		
<b>WASTEWATER DESCRIPTION:</b>	Process Wastewater		
<b>TREATMENT PROCESS:</b>	Activated Sludge	<b>CRITICAL EFFLUENT FLOW(MGD) :</b>	3.0
<b>EVALUATION TYPE:</b>	Wasteload allocation study	(Highest 30 day average flow)	
<b>POINT OF DISCHARGE:</b>	NE¼NE¼NW¼ S24T19NR16W I.M.	<b>LATITUDE:</b>	36° 07' 09" N
		<b>LONGITUDE:</b>	-95° 34' 11" W
<b>RECEIVING STREAM:</b>	Verdigris River (OK121500020120_00)	<b>SEGMENT:</b>	620910
<b>7-day 2-year low flow in MGD (7Q2):</b>	Summer (143), Spring (619), Winter (118)	<b>STREAM CLASS:</b>	Perennial
<b>WASTELOAD ALLOCATION:</b> For Dissolved Oxygen demanding substances			
<b>Daily Maximum:</b>	2251.8 lb/day CBOD <sub>5</sub> 375.3 lb/day NH <sub>3</sub> -N 3002.4 lb/day TSS	<b>Monthly Average:</b>	1501.2 lb/day CBOD <sub>5</sub> 250.2 lb/day NH <sub>3</sub> -N 2001.6 lb/day TSS
<b>pH:</b>	6.5 - 9.0 s.u.		
		<b>EPA APPROVAL DATE</b>	pending
		<b>RECORD LAST CREATED</b>	5/10/2018



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Scott Thompson  
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

Mary Fallin  
Governor

## PUBLIC NOTICE

May 14, 2018

### REQUEST FOR PUBLIC COMMENT ON PROPOSED MODIFICATION TO OKLAHOMA'S WATER QUALITY MANAGEMENT PLAN FOR THE WASTEWATER TREATMENT PLANT FOR SOFIDEL AMERICA

Public Comment Period Begins May 11, 2018

**Public Comment Period Ends June 25, 2018**

**Permittee:** Sofidel America, 420 S 145<sup>th</sup> East Avenue, Tulsa, OK 74108  
[Facility Legal Description NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$  Section 24, Township 19 North, Range 16 West, I.M.]

**Receiving waters and point of discharge location:** Verdigris River (OK121500020120\_00) in the [Lower Verdigris](#) watershed.[NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$  Section 23, Township 19 North, Range 16 West, I.M. Latitude 36° 07' 09" N; Longitude -95° 34' 11" W]

Sofidel America plans to discharge treated process wastewater effluent from their proposed facility to the Verdigris River near Inola. The proposed wastewater treatment plant will be a relatively simple design that is extensively employed for treatment of sanitary and industrial process wastewaters. Long detention times within the extended aeration system allow for reduction in peak organic loading by maintaining ample time for pollutant stabilization and removal. To protect against potential system upsets due to slug loading, the system will be equipped with a flow equalization tank to automatically regulate peak hydraulic and pollutant loadings. In addition, an anoxic tank will be placed prior to flow into the aeration tank to protect against aerobic foam forming organisms. The system would be designed such that it could be easily reconfigured for both biological denitrification and chemical phosphorus precipitation in the event that it is required. The treated process wastewater will be pumped through an approximately one-mile force main to be constructed from the wastewater treatment plant to the receiving stream as the final outfall for the effluent. Sofidel America hired a consultant to conduct a wasteload allocation (WLA) study for the proposed discharge from its treatment plant. A WLA is the maximum amount of pollutants in treated wastewater that can safely be discharged into a waterbody without adversely affecting its quality.

The [Oklahoma Department of Environmental Quality](#) (DEQ), along with the U.S. Environmental Protection Agency (EPA), evaluated the results of the consultant's WLA study and the condition of the Verdigris River to approve of these recommended maximum amounts that may be discharged into it with a design flow of 3.0 MGD.

**Daily Maximum:** 2251.8 lb/day CBOD<sub>5</sub> (5-day carbonaceous biochemical oxygen demand)  
375.3 lb/day NH<sub>3</sub>-N (ammonia nitrogen)  
3002.4 lb/day TSS (total suspended solids)

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<b>NPDES #:</b>	OK0100676	<b>SIC CODE:</b>	2676
<b>STATE FACILITY NUMBER:</b>	I-66001900	<b>OPERATIONS DESCRIPTION:</b>	Tissue Paper Plant
<b>OUTFALL NUMBER</b>	001		
<b>WASTEWATER DESCRIPTION:</b>	Process Wastewater		
<b>TREATMENT PROCESS:</b>	Activated Sludge	<b>CRITICAL EFFLUENT FLOW(MGD) :</b>	3.0
<b>EVALUATION TYPE:</b>	Wasteload allocation study	(Highest 30 day average flow)	
<b>POINT OF DISCHARGE:</b>	NE¼NE¼NW¼ S24T19NR16W I.M.	<b>LATITUDE:</b>	36° 07' 09" N
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<b>RECEIVING STREAM:</b>	Verdigris River (OK121500020120_00)	<b>SEGMENT:</b>	620910
<b>7-day 2-year low flow in MGD (7Q2):</b>	Summer (143), Spring (619), Winter (118)	<b>STREAM CLASS:</b>	Perennial
<b>WASTELOAD ALLOCATION:</b> For Dissolved Oxygen demanding substances			
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		<b>EPA APPROVAL DATE</b>	pending
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May 14, 2018

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**Daily Maximum:** 2251.8 lb/day CBOD<sub>5</sub> (5-day carbonaceous biochemical oxygen demand)  
375.3 lb/day NH<sub>3</sub>-N (ammonia nitrogen)  
3002.4 lb/day TSS (total suspended solids)

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<b>FACILITY 208:</b> SOFIDEL AMERICA		<b>CITY/TOWN:</b> INOLA	
<b>FACILITY LEGAL LOCATION:</b>	NE¼NE¼NW¼ S23T19NR16W I.M.	<b>COUNTY:</b>	ROGERS
<b>NPDES #:</b>	OK0100676	<b>SIC CODE:</b>	2676
<b>STATE FACILITY NUMBER:</b>	I-66001900	<b>OPERATIONS DESCRIPTION:</b>	Tissue Paper Plant
<b>OUTFALL NUMBER</b>	001		
<b>WASTEWATER DESCRIPTION:</b>	Process Wastewater		
<b>TREATMENT PROCESS:</b>	Activated Sludge	<b>CRITICAL EFFLUENT FLOW(MGD) :</b>	3.0
<b>EVALUATION TYPE:</b>	Wasteload allocation study	(Highest 30 day average flow)	
<b>POINT OF DISCHARGE:</b>	NE¼NE¼NW¼ S24T19NR16W I.M.	<b>LATITUDE:</b>	36° 07' 09" N
		<b>LONGITUDE:</b>	-95° 34' 11" W
<b>RECEIVING STREAM:</b>	Verdigris River (OK121500020120_00)	<b>SEGMENT:</b>	620910
<b>7-day 2-year low flow in MGD (7Q2):</b>	Summer (143), Spring (619), Winter (118)	<b>STREAM CLASS:</b>	Perennial
<b>WASTELOAD ALLOCATION:</b> For Dissolved Oxygen demanding substances			
<b>Daily Maximum:</b>	2251.8 lb/day CBOD <sub>5</sub> 375.3 lb/day NH <sub>3</sub> -N 3002.4 lb/day TSS	<b>Monthly Average:</b>	1501.2 lb/day CBOD <sub>5</sub> 250.2 lb/day NH <sub>3</sub> -N 2001.6 lb/day TSS
<b>pH:</b>	6.5 - 9.0 s.u.		
		<b>EPA APPROVAL DATE</b>	pending
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## PUBLIC NOTICE

May 14, 2018

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[Facility Legal Description NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$  Section 24, Township 19 North, Range 16 West, I.M.]

**Receiving waters and point of discharge location:** Verdigris River (OK121500020120\_00) in the [Lower Verdigris](#) watershed.[NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$  Section 23, Township 19 North, Range 16 West, I.M. Latitude 36° 07' 09" N; Longitude -95° 34' 11" W]

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<b>FACILITY 208: SOFIDEL AMERICA</b>		<b>CITY/TOWN: INOLA</b>	
<b>FACILITY LEGAL LOCATION:</b>	NE¼NE¼NW¼ S23T19NR16W I.M.	<b>COUNTY:</b>	ROGERS
<b>NPDES #:</b>	OK0100676	<b>SIC CODE:</b>	2676
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<b>OUTFALL NUMBER</b>	<b>001</b>		
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<b>RECEIVING STREAM:</b>	Verdigris River (OK121500020120_00)	<b>SEGMENT:</b>	620910
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<b>7-day 2-year low flow in MGD (7Q2):</b>	Summer (143), Spring (619), Winter (118)	<b>STREAM CLASS:</b>	Perennial
<b>WASTELOAD ALLOCATION: For Dissolved Oxygen demanding substances</b>			
<b>Daily Maximum:</b>	2251.8 lb/day CBOD <sub>5</sub> 375.3 lb/day NH <sub>3</sub> -N 3002.4 lb/day TSS	<b>Monthly Average:</b>	1501.2 lb/day CBOD <sub>5</sub> 250.2 lb/day NH <sub>3</sub> -N 2001.6 lb/day TSS
<b>pH:</b>	6.5 - 9.0 s.u.		
		<b>EPA APPROVAL DATE</b>	pending
		<b>RECORD LAST CREATED</b>	5/10/2018



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Scott Thompson  
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

Mary Fallin  
Governor

## PUBLIC NOTICE

May 14, 2018

### REQUEST FOR PUBLIC COMMENT ON PROPOSED MODIFICATION TO OKLAHOMA'S WATER QUALITY MANAGEMENT PLAN FOR THE WASTEWATER TREATMENT PLANT FOR SOFIDEL AMERICA

Public Comment Period Begins May 11, 2018

**Public Comment Period Ends June 25, 2018**

**Permittee:** Sofidel America, 420 S 145<sup>th</sup> East Avenue, Tulsa, OK 74108  
[Facility Legal Description NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$  Section 24, Township 19 North, Range 16 West, I.M.]

**Receiving waters and point of discharge location:** Verdigris River (OK121500020120\_00) in the [Lower Verdigris](#) watershed.[NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$  Section 23, Township 19 North, Range 16 West, I.M. Latitude 36° 07' 09" N; Longitude -95° 34' 11" W]

Sofidel America plans to discharge treated process wastewater effluent from their proposed facility to the Verdigris River near Inola. The proposed wastewater treatment plant will be a relatively simple design that is extensively employed for treatment of sanitary and industrial process wastewaters. Long detention times within the extended aeration system allow for reduction in peak organic loading by maintaining ample time for pollutant stabilization and removal. To protect against potential system upsets due to slug loading, the system will be equipped with a flow equalization tank to automatically regulate peak hydraulic and pollutant loadings. In addition, an anoxic tank will be placed prior to flow into the aeration tank to protect against aerobic foam forming organisms. The system would be designed such that it could be easily reconfigured for both biological denitrification and chemical phosphorus precipitation in the event that it is required. The treated process wastewater will be pumped through an approximately one-mile force main to be constructed from the wastewater treatment plant to the receiving stream as the final outfall for the effluent. Sofidel America hired a consultant to conduct a wasteload allocation (WLA) study for the proposed discharge from its treatment plant. A WLA is the maximum amount of pollutants in treated wastewater that can safely be discharged into a waterbody without adversely affecting its quality.

The [Oklahoma Department of Environmental Quality](#) (DEQ), along with the U.S. Environmental Protection Agency (EPA), evaluated the results of the consultant's WLA study and the condition of the Verdigris River to approve of these recommended maximum amounts that may be discharged into it with a design flow of 3.0 MGD.

**Daily Maximum:** 2251.8 lb/day CBOD<sub>5</sub> (5-day carbonaceous biochemical oxygen demand)  
375.3 lb/day NH<sub>3</sub>-N (ammonia nitrogen)  
3002.4 lb/day TSS (total suspended solids)

**Monthly Average:** 1501.2 lb/day CBOD<sub>5</sub>  
250.2 lb/day NH<sub>3</sub>-N  
2001.6 lb/day TSS

The comment period will be open for 45 days. If you have any concerns regarding these proposed limits, please submit your comments in writing by the end of the workday on **June 25, 2018**, to:

David Akakpo, P.E.  
 Oklahoma DEQ - Water Quality Division  
 P.O. Box 1677  
 Oklahoma City, OK 73101-1677  
 (405) 702-8197  
 E-mail [Water.Comments@deq.ok.gov](mailto:Water.Comments@deq.ok.gov)

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<b>FACILITY 208:</b> SOFIDEL AMERICA		<b>CITY/TOWN:</b> INOLA	
<b>FACILITY LEGAL LOCATION:</b>	NE¼NE¼NW¼ S23T19NR16W I.M.	<b>COUNTY:</b>	ROGERS
<b>NPDES #:</b>	OK0100676	<b>SIC CODE:</b>	2676
<b>STATE FACILITY NUMBER:</b>	I-66001900	<b>OPERATIONS DESCRIPTION:</b>	Tissue Paper Plant
<b>OUTFALL NUMBER</b>	001		
<b>WASTEWATER DESCRIPTION:</b>	Process Wastewater		
<b>TREATMENT PROCESS:</b>	Activated Sludge	<b>CRITICAL EFFLUENT FLOW(MGD) :</b>	3.0
<b>EVALUATION TYPE:</b>	Wasteload allocation study	(Highest 30 day average flow)	
<b>POINT OF DISCHARGE:</b>	NE¼NE¼NW¼ S24T19NR16W I.M.	<b>LATITUDE:</b>	36° 07' 09" N
		<b>LONGITUDE:</b>	-95° 34' 11" W
<b>RECEIVING STREAM:</b>	Verdigris River (OK121500020120_00)	<b>SEGMENT:</b>	620910
<b>7-day 2-year low flow in MGD (7Q2):</b>	Summer (143), Spring (619), Winter (118)	<b>STREAM CLASS:</b>	Perennial
<b>WASTELOAD ALLOCATION:</b> For Dissolved Oxygen demanding substances			
<b>Daily Maximum:</b>	2251.8 lb/day CBOD <sub>5</sub> 375.3 lb/day NH <sub>3</sub> -N 3002.4 lb/day TSS	<b>Monthly Average:</b>	1501.2 lb/day CBOD <sub>5</sub> 250.2 lb/day NH <sub>3</sub> -N 2001.6 lb/day TSS
<b>pH:</b>	6.5 - 9.0 s.u.		
		<b>EPA APPROVAL DATE</b>	pending
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<b>FACILITY 208: SOFIDEL AMERICA</b>		<b>CITY/TOWN: INOLA</b>	
<b>FACILITY LEGAL LOCATION:</b>	NE¼NE¼NW¼ S23T19NR16W I.M.	<b>COUNTY:</b>	ROGERS
<b>NPDES #:</b>	OK0100676	<b>SIC CODE:</b>	2676
<b>STATE FACILITY NUMBER:</b>	I-66001900	<b>OPERATIONS DESCRIPTION:</b>	Tissue Paper Plant
<b>OUTFALL NUMBER</b>	<b>001</b>		
<b>WASTEWATER DESCRIPTION:</b>	Process Wastewater		
<b>TREATMENT PROCESS:</b>	Activated Sludge	<b>CRITICAL EFFLUENT FLOW(MGD) :</b>	<b>3.0</b>
<b>EVALUATION TYPE:</b>	Wasteload allocation study	(Highest 30 day average flow)	
<b>POINT OF DISCHARGE:</b>	NE¼NE¼NW¼ S24T19NR16W I.M.	<b>LATITUDE:</b>	36° 07' 09" N
		<b>LONGITUDE:</b>	-95° 34' 11" W
<b>RECEIVING STREAM:</b>	Verdigris River (OK121500020120_00)	<b>SEGMENT:</b>	620910
<b>7-day 2-year low flow in MGD (7Q2):</b>	Summer (143), Spring (619), Winter (118)	<b>STREAM CLASS:</b>	Perennial
<b>WASTELOAD ALLOCATION: For Dissolved Oxygen demanding substances</b>			
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		<b>EPA APPROVAL DATE</b>	pending
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<b>NPDES #:</b>	OK0100676	<b>SIC CODE:</b>	2676
<b>STATE FACILITY NUMBER:</b>	I-66001900	<b>OPERATIONS DESCRIPTION:</b>	Tissue Paper Plant
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The [Oklahoma Department of Environmental Quality](#) (DEQ), along with the U.S. Environmental Protection Agency (EPA), evaluated the results of the consultant's WLA study and the condition of the Verdigris River to approve of these recommended maximum amounts that may be discharged into it with a design flow of 3.0 MGD.

**Daily Maximum:** 2251.8 lb/day CBOD<sub>5</sub> (5-day carbonaceous biochemical oxygen demand)  
375.3 lb/day NH<sub>3</sub>-N (ammonia nitrogen)  
3002.4 lb/day TSS (total suspended solids)

**Monthly Average:** 1501.2 lb/day CBOD<sub>5</sub>  
250.2 lb/day NH<sub>3</sub>-N  
2001.6 lb/day TSS

The comment period will be open for 45 days. If you have any concerns regarding these proposed limits, please submit your comments in writing by the end of the workday on **June 25, 2018**, to:

David Akakpo, P.E.  
 Oklahoma DEQ - Water Quality Division  
 P.O. Box 1677  
 Oklahoma City, OK 73101-1677  
 (405) 702-8197  
 E-mail [Water.Comments@deq.ok.gov](mailto:Water.Comments@deq.ok.gov)

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<b>FACILITY 208:</b> SOFIDEL AMERICA		<b>CITY/TOWN:</b> INOLA	
<b>FACILITY LEGAL LOCATION:</b>	NE¼NE¼NW¼ S23T19NR16W I.M.	<b>COUNTY:</b>	ROGERS
<b>NPDES #:</b>	OK0100676	<b>SIC CODE:</b>	2676
<b>STATE FACILITY NUMBER:</b>	I-66001900	<b>OPERATIONS DESCRIPTION:</b>	Tissue Paper Plant
<b>OUTFALL NUMBER</b>	001		
<b>WASTEWATER DESCRIPTION:</b>	Process Wastewater		
<b>TREATMENT PROCESS:</b>	Activated Sludge	<b>CRITICAL EFFLUENT FLOW(MGD) :</b>	3.0
<b>EVALUATION TYPE:</b>	Wasteload allocation study	(Highest 30 day average flow)	
<b>POINT OF DISCHARGE:</b>	NE¼NE¼NW¼ S24T19NR16W I.M.	<b>LATITUDE:</b>	36° 07' 09" N
		<b>LONGITUDE:</b>	-95° 34' 11" W
<b>RECEIVING STREAM:</b>	Verdigris River (OK121500020120_00)	<b>SEGMENT:</b>	620910
<b>7-day 2-year low flow in MGD (7Q2):</b>	Summer (143), Spring (619), Winter (118)	<b>STREAM CLASS:</b>	Perennial
<b>WASTELOAD ALLOCATION:</b> For Dissolved Oxygen demanding substances			
<b>Daily Maximum:</b>	2251.8 lb/day CBOD <sub>5</sub> 375.3 lb/day NH <sub>3</sub> -N 3002.4 lb/day TSS	<b>Monthly Average:</b>	1501.2 lb/day CBOD <sub>5</sub> 250.2 lb/day NH <sub>3</sub> -N 2001.6 lb/day TSS
<b>pH:</b>	6.5 - 9.0 s.u.		
		<b>EPA APPROVAL DATE</b>	pending
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Scott Thompson  
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

Mary Fallin  
Governor

## PUBLIC NOTICE

May 14, 2018

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**Public Comment Period Ends June 25, 2018**

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<b>FACILITY LEGAL LOCATION:</b>	NE¼NE¼NW¼ S23T19NR16W I.M.	<b>COUNTY:</b>	ROGERS
<b>NPDES #:</b>	OK0100676	<b>SIC CODE:</b>	2676
<b>STATE FACILITY NUMBER:</b>	I-66001900	<b>OPERATIONS DESCRIPTION:</b>	Tissue Paper Plant
<b>OUTFALL NUMBER</b>	<b>001</b>		
<b>WASTEWATER DESCRIPTION:</b>	Process Wastewater		
<b>TREATMENT PROCESS:</b>	Activated Sludge	<b>CRITICAL EFFLUENT FLOW(MGD) :</b>	<b>3.0</b>
<b>EVALUATION TYPE:</b>	Wasteload allocation study	(Highest 30 day average flow)	
<b>POINT OF DISCHARGE:</b>	NE¼NE¼NW¼ S24T19NR16W I.M.	<b>LATITUDE:</b>	36° 07' 09" N
		<b>LONGITUDE:</b>	-95° 34' 11" W
<b>RECEIVING STREAM:</b>	Verdigris River (OK121500020120_00)	<b>SEGMENT:</b>	620910
<b>7-day 2-year low flow in MGD (7Q2):</b>	Summer (143), Spring (619), Winter (118)	<b>STREAM CLASS:</b>	Perennial
<b>WASTELOAD ALLOCATION: For Dissolved Oxygen demanding substances</b>			
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		<b>EPA APPROVAL DATE</b>	pending
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You may also request a public meeting in writing. If there is a significant degree of public interest, DEQ will schedule a public meeting. After evaluating comments received and making any necessary changes, the WLA will be submitted to EPA for final approval.

<b>FACILITY 208: SOFIDEL AMERICA</b>		<b>CITY/TOWN: INOLA</b>	
<b>FACILITY LEGAL LOCATION:</b>	NE¼NE¼NW¼ S23T19NR16W I.M.	<b>COUNTY:</b>	ROGERS
<b>NPDES #:</b>	OK0100676	<b>SIC CODE:</b>	2676
<b>STATE FACILITY NUMBER:</b>	I-66001900	<b>OPERATIONS DESCRIPTION:</b>	Tissue Paper Plant
<b>OUTFALL NUMBER</b>	<b>001</b>		
<b>WASTEWATER DESCRIPTION:</b>	Process Wastewater		
<b>TREATMENT PROCESS:</b>	Activated Sludge	<b>CRITICAL EFFLUENT FLOW(MGD) :</b>	<b>3.0</b>
<b>EVALUATION TYPE:</b>	Wasteload allocation study	(Highest 30 day average flow)	
<b>POINT OF DISCHARGE:</b>	NE¼NE¼NW¼ S24T19NR16W I.M.	<b>LATITUDE:</b>	36° 07' 09" N
		<b>LONGITUDE:</b>	-95° 34' 11" W
<b>RECEIVING STREAM:</b>	Verdigris River (OK121500020120_00)	<b>SEGMENT:</b>	620910
<b>7-day 2-year low flow in MGD (7Q2):</b>	Summer (143), Spring (619), Winter (118)	<b>STREAM CLASS:</b>	Perennial
<b>WASTELOAD ALLOCATION: For Dissolved Oxygen demanding substances</b>			
<b>Daily Maximum:</b>	2251.8 lb/day CBOD <sub>5</sub> 375.3 lb/day NH <sub>3</sub> -N 3002.4 lb/day TSS	<b>Monthly Average:</b>	1501.2 lb/day CBOD <sub>5</sub> 250.2 lb/day NH <sub>3</sub> -N 2001.6 lb/day TSS
<b>pH:</b>	6.5 - 9.0 s.u.		
		<b>EPA APPROVAL DATE</b>	pending
		<b>RECORD LAST CREATED</b>	5/10/2018



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Scott Thompson  
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

Mary Fallin  
Governor

## PUBLIC NOTICE

May 14, 2018

### REQUEST FOR PUBLIC COMMENT ON PROPOSED MODIFICATION TO OKLAHOMA'S WATER QUALITY MANAGEMENT PLAN FOR THE WASTEWATER TREATMENT PLANT FOR SOFIDEL AMERICA

Public Comment Period Begins May 11, 2018

**Public Comment Period Ends June 25, 2018**

**Permittee:** Sofidel America, 420 S 145<sup>th</sup> East Avenue, Tulsa, OK 74108  
[Facility Legal Description NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$  Section 24, Township 19 North, Range 16 West, I.M.]

**Receiving waters and point of discharge location:** Verdigris River (OK121500020120\_00) in the [Lower Verdigris](#) watershed.[NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$  Section 23, Township 19 North, Range 16 West, I.M. Latitude 36° 07' 09" N; Longitude -95° 34' 11" W]

Sofidel America plans to discharge treated process wastewater effluent from their proposed facility to the Verdigris River near Inola. The proposed wastewater treatment plant will be a relatively simple design that is extensively employed for treatment of sanitary and industrial process wastewaters. Long detention times within the extended aeration system allow for reduction in peak organic loading by maintaining ample time for pollutant stabilization and removal. To protect against potential system upsets due to slug loading, the system will be equipped with a flow equalization tank to automatically regulate peak hydraulic and pollutant loadings. In addition, an anoxic tank will be placed prior to flow into the aeration tank to protect against aerobic foam forming organisms. The system would be designed such that it could be easily reconfigured for both biological denitrification and chemical phosphorus precipitation in the event that it is required. The treated process wastewater will be pumped through an approximately one-mile force main to be constructed from the wastewater treatment plant to the receiving stream as the final outfall for the effluent. Sofidel America hired a consultant to conduct a wasteload allocation (WLA) study for the proposed discharge from its treatment plant. A WLA is the maximum amount of pollutants in treated wastewater that can safely be discharged into a waterbody without adversely affecting its quality.

The [Oklahoma Department of Environmental Quality](#) (DEQ), along with the U.S. Environmental Protection Agency (EPA), evaluated the results of the consultant's WLA study and the condition of the Verdigris River to approve of these recommended maximum amounts that may be discharged into it with a design flow of 3.0 MGD.

**Daily Maximum:** 2251.8 lb/day CBOD<sub>5</sub> (5-day carbonaceous biochemical oxygen demand)  
375.3 lb/day NH<sub>3</sub>-N (ammonia nitrogen)  
3002.4 lb/day TSS (total suspended solids)

**Monthly Average:** 1501.2 lb/day CBOD<sub>5</sub>  
250.2 lb/day NH<sub>3</sub>-N  
2001.6 lb/day TSS

The comment period will be open for 45 days. If you have any concerns regarding these proposed limits, please submit your comments in writing by the end of the workday on **June 25, 2018**, to:

David Akakpo, P.E.  
 Oklahoma DEQ - Water Quality Division  
 P.O. Box 1677  
 Oklahoma City, OK 73101-1677  
 (405) 702-8197  
 E-mail [Water.Comments@deq.ok.gov](mailto:Water.Comments@deq.ok.gov)

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<b>FACILITY 208: SOFIDEL AMERICA</b>		<b>CITY/TOWN: INOLA</b>	
<b>FACILITY LEGAL LOCATION:</b>	NE¼NE¼NW¼ S23T19NR16W I.M.	<b>COUNTY:</b>	ROGERS
<b>NPDES #:</b>	OK0100676	<b>SIC CODE:</b>	2676
<b>STATE FACILITY NUMBER:</b>	I-66001900	<b>OPERATIONS DESCRIPTION:</b>	Tissue Paper Plant
<b>OUTFALL NUMBER</b>	<b>001</b>		
<b>WASTEWATER DESCRIPTION:</b>	Process Wastewater		
<b>TREATMENT PROCESS:</b>	Activated Sludge	<b>CRITICAL EFFLUENT FLOW(MGD) :</b>	<b>3.0</b>
<b>EVALUATION TYPE:</b>	Wasteload allocation study	(Highest 30 day average flow)	
<b>POINT OF DISCHARGE:</b>	NE¼NE¼NW¼ S24T19NR16W I.M.	<b>LATITUDE:</b>	36° 07' 09" N
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<b>RECEIVING STREAM:</b>	Verdigris River (OK121500020120_00)	<b>SEGMENT:</b>	620910
<b>7-day 2-year low flow in MGD (7Q2):</b>	Summer (143), Spring (619), Winter (118)	<b>STREAM CLASS:</b>	Perennial
<b>WASTELOAD ALLOCATION: For Dissolved Oxygen demanding substances</b>			
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		<b>EPA APPROVAL DATE</b>	pending
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