



ARKANSAS
Department of Environmental Quality

January 31, 2019

John Peaslee, General Manager
Idaho Timber of Carthage, LLC
P.O. Box 37
Carthage, AR 71725

RE: Idaho Timber of Carthage, LLC Inspections (Dallas Co)
AFIN: 20-00017 **NPDES Permit No.: AR0047503**
ARR001197

Dear Mr. Peaslee:

On January 9, 2019, I performed a Compliance Evaluation Inspection and an Industrial Stormwater Inspection of the above-referenced facility in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. A copy of each of the inspection reports is enclosed for your records.

Please refer to the "Summary of Findings" section of each of the attached inspection reports and provide a written response for each violation that was noted. This response should be mailed to the attention of the Office of Water Quality (OWQ) Compliance Branch at the address at the bottom of this letter or e-mailed to Water-Inspection-Report@adeq.state.ar.us. This response should contain documentation describing the course of action taken to correct each item noted. This corrective action should be completed as soon as possible, and the written response with all necessary documentation (i.e., photos) is due by **February 14, 2019**.

If I can be of any assistance, please contact me at youngm@adeq.state.ar.us or (501) 837-2073.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Young", is written over a light blue horizontal line.

Michael Young
District 8 Field Inspector
Office of Water Quality

 A R K A N S A S Department of Environmental Quality		WATER DIVISION INSPECTION REPORT							
		AFIN: 20-00017		PERMIT #: AR0047503		DATE: 1/9/2019			
		COUNTY: 20 Dallas		PDS #: 106363		MEDIA: WN			
		GPS LAT: 34.077058 LONG: -92.553451 LOCATION: Entrance							
FACILITY INFORMATION				INSPECTION INFORMATION					
NAME: Idaho Timber of Carthage, LLC LOCATION: 322 N Oak Street CITY: Carthage, AR 71725				FACILITY TYPE: 2 - Industrial		INSPECTOR ID#: 101531 S - State			
RESPONSIBLE OFFICIAL NAME / TITLE: John Peaslee / General Manager COMPANY: Idaho Timber of Carthage, LLC MAILING ADDRESS: P.O. Box 37 CITY, STATE, ZIP: Carthage AR 71725 PHONE & EXT: / FAX: 870-254-2213 / 870-254-2212 EMAIL: jpeaslee@idahotimber.com CONTACTED DURING INSPECTION: Yes				FACILITY EVALUATION RATING: 2 - Marginal		INSPECTION TYPE: Compliance Evaluation			
				DATE(S): 1/9/2019		ENTRY TIME: 10:01		EXIT TIME: 13:11	
				PERMIT EFFECTIVE DATE: 9/1/2015		PERMIT EXPIRATION DATE: 8/31/2020			
				FAYETTEVILLE SHALE RELATED: N					
FAYETTEVILLE SHALE VIOLATIONS: N				INSPECTION PARTICIPANTS					
				NAME/TITLE/PHONE/FAX/EMAIL/ETC.: John Peaslee/General Manager/870-254-2212					
AREA EVALUATIONS									
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)									
S	PERMIT	S	FLOW MEASUREMENT	S	STORMWATER				
S	RECORDS/REPORTS	N	LABORATORY	S	FACILITY SITE REVIEW				
S	OPERATION & MAINTENANCE	N	EFFLUENT/RECEIVING WATER	S	SELF-MONITORING PROGRAM				
N	SAMPLING	N	SLUDGE HANDLING/DISPOSAL	**	PRETREATMENT				
**	OTHER:								
SUMMARY OF FINDINGS									
1.) There was a discharge of kiln condensate from the steam kiln to an unpermitted outfall (see Photos 12-17). This is a violation of A.C.A. § 8-4-217 (a)(2), which states, "It shall be unlawful for any person to place or cause to be placed any sewage, industrial waste, or other wastes in a location where it is likely to cause pollution of any waters of this state." 2.) The facility is routing steam kiln condensate and boiler blowdown to the treatment pond in association with Outfall 001. These waste streams are not permitted at this outfall. This is a violation of permit condition Part 1A. A minor modification must be submitted to ADEQ OWQ Permits Branch in response to this violation. 3.) There was no flow monitoring equipment at Outfall 001 or 002. This is a violation of permit condition Part III. (C.) (2.). SEE "GENERAL COMMENTS" BELOW.									

GENERAL COMMENTS

On January 9, 2019, I performed an inspection at Idaho Timber of Carthage, LLC in Carthage, AR with the above participants. Idaho Timber of Carthage produces dimensional lumber from pine logs. To minimize decay (blueing) and insect damage, pine logs are intermittently sprayed with water (termed "wet-decking"). This facility has two separate wet-decking locations: one south of Highway 48 (Outfall 001) and one north of Highway 48 (Outfall 002; see Figure 1). Outfall 001 is permitted to discharge water from the wet deck operation, stormwater, and truck washing water. Outfall 002 is permitted to discharge water from the wet deck operation and stormwater. This inspection consisted of a records review and facility inspection.

Records Review:

This facility has not reported a discharge from either outfall in the past five years of records. John Peaslee, General Manager, became General Manager in 2017 and stated that the priority was to monitor pond levels prior to rain events and adjust the levels through the addition of well water to prevent a discharge from the outfalls. In the instance of a discharge, the facility will monitor according to the permit. Requirements for condition Part II. (8.) have not been satisfied because there has been no discharge from either outfall. The facility was made aware that they are to monitor the first discharge from Outfall 001 and 002 for the pollutants: Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Total Organic Carbon (TOC), Total Suspended Solids (TSS), Ammonia (as N), Flow, Temperature, and pH and turn that information into the Department (EPA Form 2C).

Facility Inspection:

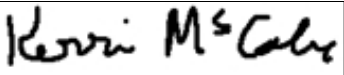
I observed the sedimentation ponds (associated outfalls), the wet deck systems, and all other waste streams that are diverted to the sedimentation ponds. South of Highway 48, I observed the sedimentation pond for Outfall 001 (see Photo 1-2). The pond had adequate storage capacity and there were no indications of a discharge into or out of Outfall 001 (see Photos 3-4). Water discharged from Outfall 001 enters a drainage channel that runs through the entire facility and is then incorporated as Stormwater Outfall SW003 (Figure 1). The wet deck operation for Outfall 001 was in functional condition (see Photo 5). The sedimentation pond for Outfall 002 had adequate storage at the time of inspection (see Photo 6) and there were no indications of a recent discharge from the outfall (see Photo 7). During the inspection, I observed the operation of a steam kiln (see Photo 8) and the discharge of kiln condensate to a ditch (see Photo 8) and then to a culvert (see Photo 9). Mr. Peaslee stated that there was a pump that pumped the runoff from that culvert to the sedimentation pond for Outfall 001 as well as the boiler blowdown (see Photos 10-11). On the east-side of the steam kilns, I observed a discharge (see Photos 12-14) that entered a ditch (see Photos 15-16) and was discharging off the property (see Photo 17). Additionally, this facility does not have coverage for the waste streams from boiler blowdown and kiln condensate which will require a minor modification by ADEQ OWQ Permits Branch (Carrie McWilliams at 501-682-0915).

Flow Monitoring:

There is no installed flow device at the outfalls and we discussed the use of a timed volumetric sample type (bucket and stopwatch). The description following is taken from EPA Wastewater Flow Measurement Manual (SESDPROC-109-R4) of a method utilized by low flow facilities:

2.5.1.3 Bucket and Stop Watch

The bucket and stop watch technique is particularly useful for the measurement of small wastewater flows. It is simple to use. The only equipment required to make this measurement is a calibrated container (bucket, drum, tank, etc.) and a stop watch. A minimum of 10 seconds to fill the container is recommended. Three consecutive measurements should be made, and the results should be averaged. A response is required as to what flow monitoring equipment will be used in the event of a discharge from Outfalls 001 and 002.

INSPECTOR'S SIGNATURE:  Michael Young	DATE: 1/28/2019
SUPERVISOR'S SIGNATURE:  Kerri McCabe	DATE: 1/30/2019

Water Division Photographic Evidence Sheet

Location:	Idaho Timber of Carthage, LLC		
Photographer:	Michael Young	Date:	01/09/2019
Time:	11:38	Witness:	
Photo #:	1	Description:	Sedimentation pond for Outfall 001. Blue dashed arrows indicate culverts from wet deck system.



Photographer:	Michael Young	Date:	01/09/2019
Time:	11:39	Witness:	
Photo #:	2	Description:	Sedimentation pond for Outfall 001 was being filled with well water at time of inspection; adequate storage observed.



Water Division Photographic Evidence Sheet			
Location:	Idaho Timber of Carthage, LLC		
Photographer:	Michael Young	Date:	01/09/2019
Time:	11:40	Photo #:	3
Witness:			
Description:	Intake for Outfall 001 from sedimentation pond.		



Photographer:	Michael Young	Date:	01/09/2019
Time:	11:40	Photo #:	4
Witness:			
Description:	Discharge location for Outfall 001. Discharge enters stormwater ditch that travels through facility. Sample will be achieved prior to commingling.		



Water Division Photographic Evidence Sheet			
Location:	Idaho Timber of Carthage, LLC		
Photographer:	Michael Young	Date:	01/09/2019
Time:	11:42	Photo #:	5
Witness:			
Description:	Wet-deck system.		



Photographer:	Michael Young	Date:	01/09/2019
Time:	12:18	Photo #:	6
Witness:			
Description:	Sedimentation pond for Outfall 002. Well water was being fed to pond at time of inspection.		



Water Division Photographic Evidence Sheet			
Location:	Idaho Timber of Carthage, LLC		
Photographer:	Michael Young	Date:	01/09/2019
Time:	12:17	Photo #:	7
Witness:			
Description:	Outfall 002. Note there is no indication of a recent discharge.		
			

Photographer:	Michael Young	Date:	01/09/2019
Time:	11:53	Photo #:	8
Witness:			
Description:	Steam kiln at Idaho Timber of Carthage.		
			

Water Division Photographic Evidence Sheet

Location:	Idaho Timber of Carthage, LLC		
Photographer:	Michael Young	Date:	01/09/2019
Time:	11:52	Photo #:	9
Witness:			
Description:	Water discharging from steam kiln marked with blue dashed arrow.		



Photographer:	Michael Young	Date:	01/09/2019
Time:	11:48	Photo #:	10
Witness:			
Description:	Two ditches merged to one culvert to stated pumping area.		



Water Division Photographic Evidence Sheet

Location:	Idaho Timber of Carthage, LLC		
Photographer:	Michael Young	Date:	01/09/2019
Time:	11:48	Photo #:	11
Witness:			
Description:	Storm culvert leads to pumping area near boiler. Water is stated to be pumped to the treatment pond for Outfall 001.		



Photographer:	Michael Young	Date:	01/09/2019
Time:	11:56	Photo #:	12
Witness:			
Description:	Hose discharging from steam kiln.		



Water Division Photographic Evidence Sheet

Location:	Idaho Timber of Carthage, LLC		
Photographer:	Michael Young	Date:	01/09/2019
Time:	11:57	Witness:	
Photo #:	13	Description:	
Discharge from steam kiln into ditch.			



Photographer:	Michael Young	Date:	01/09/2019
Time:	11:57	Witness:	
Photo #:	14	Description:	
Discharge from steam kiln exiting culvert.			



Water Division Photographic Evidence Sheet

Location:	Idaho Timber of Carthage, LLC		
Photographer:	Michael Young	Date:	01/09/2019
Time:	11:54	Witness:	
Photo #:	15	Description:	Drainage ditch with unpermitted discharge of steam kiln condensate.



Photographer:	Michael Young	Date:	01/09/2019
Time:	11:54	Witness:	
Photo #:	16	Description:	Discharge from steam kiln into ditch.

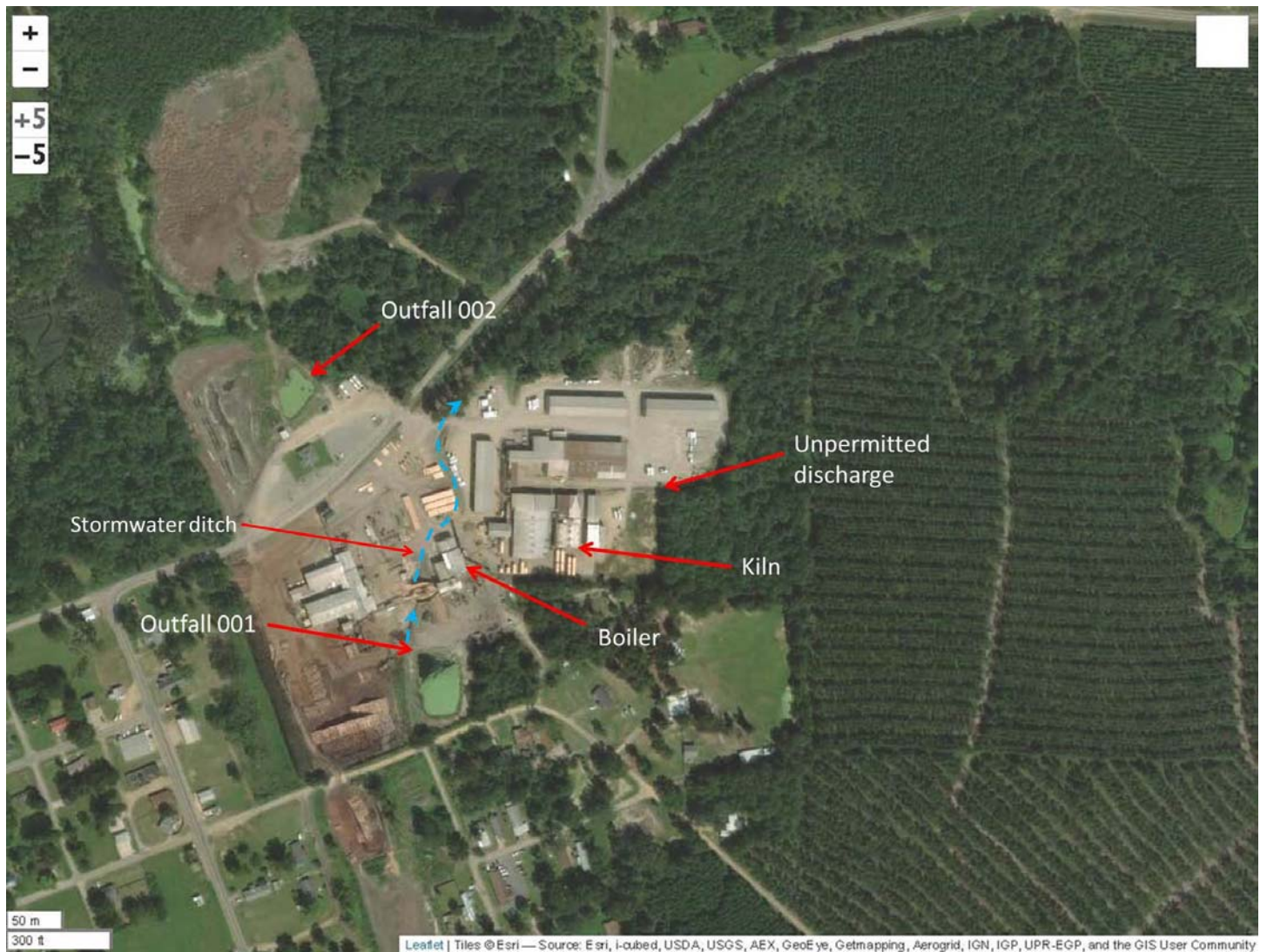


Water Division Photographic Evidence Sheet

Location:	Idaho Timber of Carthage, LLC				
Photographer:	Michael Young	Date:	01/09/2019	Time:	11:58
Witness:				Photo #:	17
Description:	Discharge off of the property from unpermitted stormwater outfall.				



Figure 1. Overview of Idaho Timber of Carthage, LLC.





IDAHO TIMBER CORPORATION

322 North Oak St.
P.O. Box 37
Carthage, AR 71725
(870) 254-2213

February 13, 2019

Mr. Michael Young, Division 8 Field Inspector
Arkansas Department of Environmental Quality
Office of Water Quality
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317

Subject: **RESPONSE TO INSPECTIONS OF JANUARY 9, 2019**
 IDAHO TIMBER OF CARTHAGE, LLC
 322 NORTH OAK STREET
 CARTHAGE, ARKANSAS
 AFIN 20-00017, NPDES PERMIT NOS. AR0047503 & ARR001197

Dear Mr. Young:

Idaho Timber of Carthage, LLC (Idaho Timber) appreciates the opportunity to respond to your *Idaho Timber of Carthage, LLC Inspections*, dated January 31, 2019. Attached to this letter were two Water Division Inspection Reports that contained alleged deficiencies with our Stormwater Pollution Prevention Plan (SWPPP) and/or alleged violations with our permit conditions. This letter also requested that Idaho Timber respond in writing with corrective actions taken to address these alleged deficiencies/violations. The remainder of this response outlines the alleged deficiencies/violations and the corrective actions taken (or to be taken) by Idaho Timber.

Compliance Evaluation – Permit # AR0047503

1. *Discharge of kiln condensate to an unpermitted outfall (A.C.A. § 8-4-217 (a)(2))* - Corrective **action** – Idaho Timber has contacted Loretta Carstens for the QDEQ OWQ Permits Branch. We have obtained the appropriate forms and plan to submit a permit modification that will include this discharge. Idaho Timber has also retained Hope Consulting to conduct a topographic survey of the entire facility and design measures to ensure all discharges are collected and pumped to the treatment pond associated with Outfall 001. We anticipate submittal of the permit modification by March 29, 2019 (after completion of the topographic survey). We anticipate the design and implementation of the corrective action measures routing the process water to the treatment pond to be completed by May 31, 2019 (depending on actual recommendations).



2. *Routing of steam kiln condensate and boiler blowdown to the treatment pond (Part 1A of Permit AR0047503) – **Corrective Action** – See response 1. above.*
3. *There is no flow monitoring equipment at Outfalls 001 or 002 (Part III (C)(2) of Permit AR0047503) – **Corrective Action** – Idaho Timber will maintain a graduated five-gallon bucket and stopwatch to measure flow at each outfall in the event of a discharge.*



Industrial Stormwater – Permit # ARR001197

1. *Observance of an unpermitted stormwater outfall and other areas not incorporated into the Stormwater Pollution Prevention Plan (SWPPP) that have the potential for stormwater discharges (Part 2.3.5 of Permit ARR001197) - **Corrective action*** – Idaho Timber has retained Hope Consulting to conduct a topographic survey of the entire facility and design measures to route all kiln discharges to a central point where they can be collected and pumped to the treatment pond associated with Outfall 001. Once these and other site improvements are implemented, the SWPPP will be updated appropriately. We anticipate this corrective action measure (updated SWPPP and submittal of Outfall Modification Form, as appropriate) to be completed by May 31, 2019.
2. *Controls measures to minimize exposure of the boiler fuel to the stormwater drainage area were not operating as designed (Part 3.1.1 of Permit ARR001197) - **Corrective action*** – Control measures are a part of the design process being conducted by Hope Consulting. We anticipate the designed corrective action measure to be completed by May 31, 2019.
3. *Good housekeeping practices documented in the SWPPP were not being conducted in the boiler fuel area (Part 3.1.2 of Permit ARR001197) - **Corrective action*** – Idaho Timber has plans to clean the BMPs (rip-rap) lining our channels within the next three months, as soon as the ground dries out. We do not want to introduce sediment and mud into our ditches during these activities. We will begin other good housekeeping measures in compliance with our current SWPPP immediately.
4. *Sampling results from 2016, 2017, and 2018 exceed benchmark parameters and there is no documentation of a Corrective Action Plan (CAP) to address the exceedances (Part 3.12.1 of Permit ARR001197) - **Corrective action*** – Idaho Timber will prepare a CAP in accordance with permit requirements on or before May 31, 2019. In the future we will prepare CAPs (as appropriate) in accordance with permit requirements.
5. *The site map included in the SWPPP did not include all the necessary information (Parts 4.2.3.1, 4.2.3.2, 4.2.3.6, and 4.2.3.7 of Permit ARR001197) - **Corrective action*** – Once the aforementioned topographic survey, design and other site improvements are implemented, the SWPPP will be updated appropriately. We anticipate this corrective action measure to be completed by May 31, 2019.
6. *Two areas were identified to have potential pollution sources and were not incorporated into the SWPPP (Part 4.2.4 of Permit ARR001197) - **Corrective action*** – Once the aforementioned topographic survey, design and other site improvements are implemented, the SWPPP will be updated appropriately. We anticipate this corrective action measure to be completed by May 31, 2019.
7. *The SWPPP is not signed by the current Responsible Official (Part 4.2.8 of Permit ARR001197) - **Corrective action*** – The current SWPPP has been signed by the current Responsible Official. The updated SWPPP will be signed by the current Responsible Official upon completion.



8. *At least one visual inspection was not conducted during a stormwater discharge in years 2016, 2017 and 2018 (Part 5.1.1 of Permit ARR001197) - **Corrective action*** – In the future, at least one visual inspection per year during a stormwater discharge will be conducted in accordance with the permit.
9. *A comprehensive site compliance evaluation was not conducted once per year in 2016, 2017 or 2018 (Part 5.1.2 of Permit ARR001197) - **Corrective action*** – In the future, at least one comprehensive site compliance evaluation per year will be conducted in accordance with the permit.
10. *Stormwater Annual Reports (SWARs) for 2017 or 2018 did not include significant findings from inspections (Part 5.2.4.3 of Permit ARR001197) - **Corrective action*** – In the future, SWARs will include a summary of significant findings or a statement that none were observed, as applicable.
11. *A summary of any corrective action plans was not included in the SWARs for 2016, 2017 or 2018 (Part 5.2.4.4 of Permit ARR001197) - **Corrective action*** – In the future, a summary of any corrective action plans will be included in the SWARs.
12. *The SWARs for 2017 and 2018 were not signed (Part 5.2.4.5 of Permit ARR001197) - **Corrective action*** – The SWARs for 2017 and 2018 have been signed and in the future all SWARs will be signed.

Ground surfaces at the facility are extremely wet due to heavy rains in recent months. It is our intention to have these implemented as soon as possible; however, actual completion dates will be dependent on how quickly the site dries out and becomes amenable to these activities. We do not want our compliance activities to render the situation(s) worse. We will communicate changes to the schedule above via email. Photographs of corrective action measures will also be provided to you via email as they are implemented.

Idaho Timber appreciates your assistance with this matter and the opportunity to submit this response. If you have any questions, please do not hesitate to contact us at (870)-254-2213.

Sincerely,

IDAHO TIMBER OF CARTHAGE, LLC

A handwritten signature in black ink, appearing to read "John Peaslee", is written over the company name.

John Peaslee
General Manager



IDAHO TIMBER CORPORATION

322 North Oak
P.O. Box 37
Carthage, AR 71725

LITTLE ROCK AR 722

13 FEB 2019 PM 4 L



Attn:
Michael
Young

Ar. Dept. of Environmental Quality
Office of Water Quality
5301 Northshore Drive
North Little Rock, Ar. 72118-5317

72118-531799



March 28, 2019

John Peaslee, General Manager
Idaho Timber of Carthage, LLC
P.O. Box 37
Carthage, AR 71725

Re: Idaho Timber of Carthage, LLC - Response to Inspection (Dallas Co)
AFIN: 20-00017 **NPDES Permit No.: AR0047503**
ARR001197

Dear Mr. Peaslee:

I have reviewed your response pertaining to my January 9, 2019 inspections of your facility. However, the information provided does not sufficiently address the violations referenced in my inspection report.

AR0047503:

The response states a tentative date of March 29, 2019 for submittal of a permit modification for the inclusion of kiln condensate as a waste stream. Please provide a copy of the modification form as a response to this violation.

ARR001197:

Please provide an updated SWPPP and site map as a response to the violations cited during the inspection. The response states an update will be completed by no later than May 31, 2019.

This work/documentation should be completed/submitted as soon as possible. Please provide the information no later than **May 31, 2019**.

Thank you for your attention to this matter. Should you have any questions, feel free to contact me at (501) 837-2073 or you may e-mail me at youngm@adeq.state.ar.us.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Young". The signature is fluid and cursive, with the first name "Michael" written in a larger, more prominent script than the last name "Young".

Michael Young
District 8 Field Inspector
Office of Water Quality

McConnell, Melissa

From: Young, Michael
Sent: Friday, June 14, 2019 9:57 AM
To: McConnell, Melissa
Subject: FW: 2019-6-7 Update - Idaho Timber Carthage
Attachments: 19-0063 Idaho Timber -Site C-1.0 (5-5-19).pdf; 2019-6-6 Draft Reponse Letter to ADEQ-1197-FNL-EXE.pdf

Can you attach the e-mail and PDF that is attached to this e-mail to PDS 106365?

Then can you attach this e-mail to PDS 106363?

Thank you,

Michael Young
District 8 Inspector
El Dorado Field Office
ADEQ Office of Water Quality
Cell Phone: 501-837-2073
youngm@adeq.state.ar.us

From: Darin McClure [<mailto:dmcclure@maaonline.com>]
Sent: Friday, June 07, 2019 10:38 AM
To: Young, Michael
Cc: John Peaslee; Dave Taugher; Paul Spangenberg
Subject: 2019-6-7 Update - Idaho Timber Carthage

Michael, just a quick update on continued efforts in Carthage.

- As requested, we've included an additional response for the Industrial Stormwater Inspection (permit ARR001197). This response includes outfall modification forms, photographs, and a copy of the revised SWPPP.
- We submitted additional information to Kai Imamura yesterday to facilitate a revoke and reissue of the individual permit. This will provide IT with a new permit good for 5 years (instead of a modification which would only be good for a little over a year).
- I've attached a copy of the design which will be implemented at the site to ensure all non-stormwater discharges are routed to the pond. It also includes other upgrades to improve drainage and stormwater quality at the facility.
- John will be working to get these design changes implemented as soon as the weather cooperates.

As always please let me or John know if you have further questions.

Darin



Darin McClure, P.E., RSM
President, Principal Engineer
MID-ATLANTIC ASSOCIATES, INC.
409 Rogers View Court | Raleigh, NC 27610

919-250-9918 | 919-250-9950 (Facsimile) | 919-272-7913 (Mobile)

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*Response to Inspection of January 9, 2019
Idaho Timber of Carthage, LLC
322 North Oak Street, Carthage, AR*

IDAHO TIMBER CORPORATION

322 North Oak St.
P.O. Box 37
Carthage, AR 71725
(870) 254-2213

June 6, 2019

Mr. Michael Young, Division 8 Field Inspector
Arkansas Department of Environmental Quality
Office of Water Quality
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317

Subject: **RESPONSE TO INSPECTIONS OF JANUARY 9, 2019
IDAHO TIMBER OF CARTHAGE, LLC
322 NORTH OAK STREET
CARTHAGE, ARKANSAS
AFIN 20-00017, NPDES PERMIT NO. ARR001197**

Dear Mr. Young:

Idaho Timber of Carthage, LLC (Idaho Timber) appreciates the opportunity to respond to your *Idaho Timber of Carthage, LLC Inspections*, dated January 31, 2019, for permit ARR001197. Attached to this letter was a Water Division Inspection Report that contained alleged deficiencies with our Stormwater Pollution Prevention Plan (SWPPP) and/or alleged violations with our permit conditions. The remainder of this response outlines the alleged deficiencies/violations and the corrective actions taken (or to be taken) by Idaho Timber.

Industrial Stormwater – Permit # ARR001197

1. *Observance of an unpermitted stormwater outfall and other areas not incorporated into the Stormwater Pollution Prevention Plan (SWPPP) that have the potential for stormwater discharges (Part 2.3.5 of Permit ARR001197) - **Corrective action*** – Idaho Timber has identified three additional outfalls at the facility. The outfalls are identified as outfalls 4, 5 and 6 on the drawing contained in the updated SWPPP. Outfall Modification Forms associated with these outfalls (attached) were submitted to ADEQ on May 30, 2019.
2. *Controls measures to minimize exposure of the boiler fuel to the stormwater drainage area were not operating as designed (Part 3.1.1 of Permit ARR001197) - **Corrective action*** – Idaho Timber has completed some modifications to the boiler fuel storage area. Idaho Timber has raised the effective height of the storage area by 4+ feet and cleaned up the area around the fuel house (see attached photos).



Response to Inspection of January 9, 2019
Idaho Timber of Carthage, LLC
322 North Oak Street, Carthage, AR

3. *Good housekeeping practices documented in the SWPPP were not being conducted in the boiler fuel area (Part 3.1.2 of Permit ARR001197) - **Corrective action*** – See response to item 2 above. Also, Idaho Timber has plans to clean the BMPs (rip-rap) lining our channels as soon as the ground dries out. We do not want to introduce sediment and mud into our ditches during these activities.
4. *Sampling results from 2016, 2017, and 2018 exceed benchmark parameters and there is no documentation of a Corrective Action Plan (CAP) to address the exceedances (Part 3.12.1 of Permit ARR001197) - **Corrective action*** – For any future exceedances, Idaho Timber will prepare CAPs (as appropriate) in accordance with permit requirements.
5. *The site map included in the SWPPP did not include all the necessary information (Parts 4.2.3.1, 4.2.3.2, 4.2.3.6, and 4.2.3.7 of Permit ARR001197) - **Corrective action*** – The SWPPP (and site map) has been updated, included the planned facility improvements that will be implemented as soon as the weather allows. A copy of the new SWPPP is included with this letter.
6. *Two areas were identified to have potential pollution sources and were not incorporated into the SWPPP (Part 4.2.4 of Permit ARR001197) - **Corrective action*** – The SWPPP has been updated, included the planned facility improvements that will be implemented as soon as the weather allows. A copy of the new SWPPP is included in this submittal.
7. *The SWPPP is not signed by the current Responsible Official (Part 4.2.8 of Permit ARR001197) - **Corrective action*** – The updated SWPPP (attached) has been signed by the current Responsible Official.
8. *At least one visual inspection was not conducted during a stormwater discharge in years 2016, 2017 and 2018 (Part 5.1.1 of Permit ARR001197) - **Corrective action*** – In the future, at least one visual inspection per year during a stormwater discharge will be conducted in accordance with the permit.
9. *A comprehensive site compliance evaluation was not conducted once per year in 2016, 2017 or 2018 (Part 5.1.2 of Permit ARR001197) - **Corrective action*** – In the future, at least one comprehensive site compliance evaluation per year will be conducted in accordance with the permit.
10. *Stormwater Annual Reports (SWARs) for 2017 or 2018 did not include significant findings from inspections (Part 5.2.4.3 of Permit ARR001197) - **Corrective action*** – In the future, SWARs will include a summary of significant findings or a statement that none were observed, as applicable.
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Response to Inspection of January 9, 2019
Idaho Timber of Carthage, LLC
322 North Oak Street, Carthage, AR

Ground surfaces at the facility continue to be extremely wet due to heavy rains in recent months. It is our intention to have these implemented as soon as possible; however, actual completion dates will be dependent on how quickly the site dries out and becomes amenable to these activities. We do not want our compliance activities to render the situation(s) worse. We will communicate changes to the schedule above via email.

Idaho Timber appreciates your assistance with this matter and the opportunity to submit this response. If you have any questions, please do not hesitate to contact us at 870-254-2213.

Sincerely,

IDAHO TIMBER OF CARTHAGE, LLC

A handwritten signature in black ink, appearing to read 'John Peaslee', written over a horizontal line.

John Peaslee
General Manager

OUTFALL MODIFICATION FORMS

OUTFALL MODIFICATION FORM

The enclosed form may be used to request modifications of outfalls covered under NPDES general permit ARR000000 for discharges of stormwater associated with industrial activity (except from construction activity). The numbering of outfalls should be sequential and begin with Outfall 001 (i.e. if Outfall 001 is deleted, Outfall 002 will become Outfall 001).

Attach additional pages to modify more than one outfall.

Outfall Modification Type: Add (Skip Section II) ☒ Remove (Skip Section III) ☐ Move ☐

Permit Tracking No. ARR001197 _____ AFIN: _____

I. FACILITY INFORMATION:

Permittee: Idaho Timber of Carthage Contact Name: John Peaslee
Facility Name: Idaho Timber of Carthage Phone Number: (870) 254-2213
Facility City: Carthage Zip: Arkansas Email Address: jpeaslee@idahotimber.com
Mailing Address: 322 North Oak Street
City: Carthage State: Arkansas Zip: 71725

II. CURRENT OUTFALL INFORMATION:

Outfall: _____
Outfall Latitude: _____ degrees _____ minutes _____ seconds
Outfall Longitude: _____ degrees _____ minutes _____ seconds
Receiving Stream: _____

III. NEW OUTFALL INFORMATION:

Outfall: 04
Outfall Latitude: 34 degrees 04' minutes 41.83" N seconds
Outfall Longitude: 92 degrees 33' minutes 07.40" W seconds
Undammed tributary of Gum Creek, Thence Maro Creek, thence, Saline River,
Receiving Stream: thence, Ouachita River

IV. CONSULTANT INFORMATION (if applicable):

Consultant Contact Name: Paul W. Spangenberg Company: Mid Atlantic Associates
Consultant Phone Number: (919) 250-9918 Email Address: pspangenberg@maaonline.com

V. SIGNATORY REQUIREMENTS:

"I certify under penalty of law that this document and all attachments were prepared under my direction, or supervision, in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Responsible/Cognizant Official Printed Name: John Peaslee Title: General Manager
Responsible/Cognizant Official Signature: [Signature] Date: 5/23/19

ATTACH A SITE MAP SHOWING THE NAME AND LOCATION OF EVERY OUTFALL THAT WILL BE COVERED UNDER YOUR EXISTING GENERAL PERMIT AFTER THIS MODIFICATION.

OUTFALL MODIFICATION FORM

The enclosed form may be used to request modifications of outfalls covered under NPDES general permit ARR000000 for discharges of stormwater associated with industrial activity (except from construction activity). The numbering of outfalls should be sequential and begin with Outfall 001 (i.e. if Outfall 001 is deleted, Outfall 002 will become Outfall 001).

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Facility Name: Idaho Timber of Carthage Phone Number: (870) 254-2213
Facility City: Carthage Zip: Arkansas Email Address: jpeaslee@idahotimber.com
Mailing Address: 322 North Oak Street
City: Carthage State: Arkansas Zip: 71725

II. CURRENT OUTFALL INFORMATION:

Outfall: _____
Outfall Latitude: _____ degrees _____ minutes _____ seconds
Outfall Longitude: _____ degrees _____ minutes _____ seconds
Receiving Stream: _____

III. NEW OUTFALL INFORMATION:

Outfall: 05
Outfall Latitude: 34 degrees 04' minutes 39.53" N seconds
Outfall Longitude: 92 degrees 33' minutes 07.81" W seconds
Undammed tributary of Gum Creek, Thence Maro Creek, thence, Saline River,
Receiving Stream: thence, Ouachita River

IV. CONSULTANT INFORMATION (if applicable):

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Responsible/Cognizant Official Printed Name: John Peaslee Title: General Manager
Responsible/Cognizant Official Signature: [Signature] Date: 5/23/19

ATTACH A SITE MAP SHOWING THE NAME AND LOCATION OF EVERY OUTFALL THAT WILL BE COVERED UNDER YOUR EXISTING GENERAL PERMIT AFTER THIS MODIFICATION.

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Permittee: Idaho Timber of Carthage Contact Name: John Peaslee
Facility Name: Idaho Timber of Carthage Phone Number: (870) 254-2213
Facility City: Carthage Zip: Arkansas Email Address: jpeaslee@idahotimber.com
Mailing Address: 322 North Oak Street
City: Carthage State: Arkansas Zip: 71725

II. CURRENT OUTFALL INFORMATION:

Outfall: _____
Outfall Latitude: _____ degrees _____ minutes _____ seconds
Outfall Longitude: _____ degrees _____ minutes _____ seconds
Receiving Stream: _____

III. NEW OUTFALL INFORMATION:

Outfall: 06
Outfall Latitude: 34 degrees 04' minutes 39.90" N seconds
Outfall Longitude: 92 degrees 33' minutes 07.41" W seconds
Undammed tributary of Gum Creek, Thence Maro Creek, thence, Saline River,
Receiving Stream: thence, Ouachita River

IV. CONSULTANT INFORMATION (if applicable):

Consultant Contact Name: Paul W. Spangenberg Company: Mid Atlantic Associates
Consultant Phone Number: (919) 250-9918 Email Address: pspangenberg@maonline.com

V. SIGNATORY REQUIREMENTS:

"I certify under penalty of law that this document and all attachments were prepared under my direction, or supervision, in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Responsible/Cognizant Official Printed Name: John Peaslee Title: General Manager
Responsible/Cognizant Official Signature: [Signature] Date: 5/23/19

ATTACH A SITE MAP SHOWING THE NAME AND LOCATION OF EVERY OUTFALL THAT WILL BE COVERED UNDER YOUR EXISTING GENERAL PERMIT AFTER THIS MODIFICATION.

PHOTOGRAPHS OF FUEL STORAGE AREA





UPDATED SWPPP

**STORMWATER POLLUTION PREVENTION PLAN (SWPPP)
FOR INDUSTRIAL ACTIVITY
NATIONAL POLLUTION DISCHARGE ELIMINATION
SYSTEM**

GENERAL PERMIT # ARR000000

PERMIT TRACKING NUMBER:

GP-ARR001197/IP-AR0047503

Prepared for:

IDAHO TIMBER OF CARTHAGE, LLC

322 NORTH OAK STREET

CARTHAGE, ARKANSAS 71725

(870) 254-2213

Industrial Sector - A1

SIC - 2421

NAICS – 32113

Prepared by:

MID ATLANTIC ASSOCIATES

SWPPP Preparation Date:

May 29, 2019

STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

QUICK REFERENCE GUIDE

IDAHO TIMBER OF CARTHAGE 322 NORTH OAK STREET CARTHAGE, ARKANSAS

Item/Activity Description	Frequency	Section/Area of Plan	Necessary Forms
Personnel Training History	Annually	Section 2	Appendix A
Non-Stormwater Discharge Certification	Annually	Section 3.D	Appendix B
Stormwater Sampling Data	Annually	Section 3.F	Appendix C
BMP Maintenance Records	Ass needed	Section 3.G	Appendix D
Inspection Records	Monthly/Annually	Section 3.I	Appendix E
List of Significant Spills	As needed	Section 5	Appendix G
Visual Monitoring of Outfalls	Annually	Section 3.I	Appendix I
Stormwater System Inspections	Monthly	Section 3.I	Appendix J
Comprehensive Site Compliance Evaluation	Annually	Section 3.I	Appendix K
Annual Stormwater Data Report	Annually	Section 3.F	Appendix L
Non Compliance Report	As Needed	Section 3.F	Appendix M
SWPPP Review/Amendments	Annually or within 2 weeks of facility changes	Section 7	Appendix Q
Notes: *This guide is not meant to highlight all compliance issues associated with this SWPPP nor is it meant to replace this SWPPP. *Completed forms associated with the SWPPP should be kept on file with the SWPPP for 5 years or as dictated by the current stormwater permit.			

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3. Facility Description
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 - d. Non-Stormwater Discharges
 - e. Impaired Stream Designation
 - f. Monitoring Requirements
 - g. Best Management Practices
 - h. Site Map
 - i. Inspection Schedule and Procedures
4. Similar Outfall Designation
5. Spill Response Plan
 - a. Spill and Leak Response Plan
 - b. Specific Personnel Duties
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- L. Annual Stormwater Annual Monitoring Report
- M. Non-Compliance Report
- N. Records of spills and leaks, Inspections, monitoring Data, and Maintenance Activities
- O. General Stormwater Permit
- P. Individual Stormwater Permit
- Q. SWPPP Reviews/Amendments

1. SWPPP Team (see Part 4.2.2 of the permit)

List the person(s) or position(s) responsible for developing the SWPPP and assisting the facility or plant manager in its implementation, maintenance, and revision. Clearly identify the responsibilities of each team member.

Name	Title	Individual SWPPP Responsibilities
John Peaslee	General Manager	Team oversight, signature authority, amending SWPPP, acquiring spill response equipment, training and supervising pollution prevention and spill response procedures, maintaining required recordkeeping.
Mark Humphry	Production Manager	Routine inspections for spills. Leaks, housekeeping, water level in retention ponds, preventive maintenance, and overall site appearance, acquiring spill response equipment, training and supervising pollution prevention and spill response procedures, maintaining required recordkeeping.
Tony Carder	Timber Specialist	Routine inspections for spills. Leaks, housekeeping, water level in retention ponds, preventive maintenance, and overall site appearance.
Kelly Nance	Timber Specialist	Routine inspections for spills. Leaks, housekeeping, water level in retention ponds, preventive maintenance, timber processing, and overall site appearance.
Aldolfus Crosby	Maintenance Manager	Routine inspections for spills. Leaks, housekeeping, water level in retention ponds, preventive maintenance, timber processing, and overall site appearance.

2. Employee Training (see Part 3.1.8 of the permit)

A record of employee training will be kept in Appendix A. Below are the three types of employee training required for a facility:

- Storm Water Pollution Prevention Team training;
- Spill Prevention and Response; and
- Facility worker training specific to the area they work.

In the table below, designate the frequency of training for each training type (at least annually).

Training Type	Frequency of Training	Topics Covered in Training
Stormwater Pollution Prevention	Initially/Annually	Monitoring, inspection, planning, reporting, documentation requirements, and BMP maintenance
Spill Prevention and Response	Initially/Annually	Response procedures (reporting, cleanup, disposal).
Wet Decking Process	Initially/Annually	Monitoring, inspection, and maintenance.
Boiler Operations	Initially/Annually	Monitoring, inspection, and maintenance.
Kiln Operations	Initially/Annually	Monitoring, inspection, and maintenance.
Saw Mill Operations	Initially/Annually	Monitoring, inspection, and maintenance.

3. Facility Description (see Part 4.2.3 of the permit)

Below identifies the drainage areas, description of industrial activities .

A. Outfall Information

Below are the list of outfalls and the associated drainage areas. These areas are identified in red on the site map.

Outfall Number: <u>01</u>		Outfall Coordinates: Latitude: <u>34° 04' 32.64" N</u> Longitude: <u>92° 33' 09.54" W</u>	
Receiving Streams	Discharge from the saw mill cooling water, stormwater from the south side of the wood manufacturing building, boiler blow-down, kiln condensate, equipment wash-down water, and compressor condensate accumulate in pond No.1 where it is recycled for the wet decking process. The pond is permitted under NPDES permit AR0047503 as Outfall 001. Outfall 001 discharges to an unnamed tributary of Gum Creek, thence to Gum Creek, thence to Moro Creek, thence to the Saline River, thence to the Ouachita River.		
Outfall Number: <u>02</u>		Outfall Coordinates: Latitude: <u>34° 04' 40.02" N</u> Longitude: <u>92° 33' 12.61" W</u>	
Receiving Streams	Drainage area 2 is directly north of Hwy. 48. The area is comprised of impervious surfaces and includes the main office, scale house, employee parking, fuel and oil storage. Discharge from the wet deck pond is permitted under NPDES permit AR0047503 as Outfall 002. Outfall 002 discharges to an unnamed tributary of Gum Creek, thence to Gum Creek, thence to Moro Creek, thence to the Saline River, thence to the Ouachita River.		
Outfall Number: <u>03</u>		Outfall Coordinates: Latitude: <u>34° 04' 39.88" N</u> Longitude: <u>92° 33' 08.13" W</u>	
Receiving Streams	Drainage Area 3 is comprised of pervious surfaces and consists of the north and eastern section of the facility south of Highway 48 including the planer, lumber storage, fuel storage, and salvage yard. Stormwater runoff from this area drains to the stormwater drainage ditch and discharges via Stormwater Outfall 003. Stomwater Outfall 003 discharges to an unnamed tributary of Gum Creek, thence to Gum Creek, thence to Moro Creek, thence to the Saline River, thence to the Ouachita River.		
Outfall Number: <u>04</u>	Outfall Coordinates: Latitude: <u>34° 04' 41.83" N</u> Longitude: <u>92° 33' 07.40" W</u>		
Receiving Streams	Drainage are 4 encompasses the bark storage yard located at the northern portion of the site. It is comprised of impervious surfaces draining south to Stormwater Outfall 004 on Hwy. 48 where it discharges to an unnamed tributary of Gum Creek, thence to Gum Creek, thence to Moro Creek, thence to the Saline River, thence to the Ouachita River.		

Outfall Number: <u>05</u>		Outfall Coordinates: Latitude: <u>34° 04' 39.53"</u> N Longitude: <u>92° 33' 07.81"</u> W	
Receiving Streams	Stormwater Outfall 05 area is comprised of pervious surfaces and consists of the eastern section of the facility south of Highway 48 including the lumber storage, and sawdust collector. Stormwater runoff from this area drains to Stormwater Outfall 005. Stormwater Outfall 005 discharges to an unnamed tributary of Gum Creek, thence to Gum Creek, thence to Moro Creek, thence to the Saline River, thence to the Ouachita River. This outfall is represented by Outfall 3.		
Outfall Number: <u>06</u>		Outfall Coordinates: Latitude: <u>34° 04' 39.90"</u> N Longitude: <u>92° 33' 07.41"</u> W	
Receiving Streams	Stormwater Outfall 06 area is comprised of pervious surfaces and consists of the north and eastern section of the facility south of Highway 48 including lumber storage and salvage yard. Stormwater runoff from this area drains to Stormwater Outfall 006. Stormwater Outfall 006 discharges to an unnamed tributary of Gum Creek, thence to Gum Creek, thence to Moro Creek, thence to the Saline River, thence to the Ouachita River. This outfall is represented by Outfall 3.		

Copy and paste the table above for each additional outfall at your facility.

If your facility is located in an MS4, provide the MS4 name below:

MS4 name: Carthage

(put N/A if your facility is not located in an MS4)

B. Industrial Activities (see Part 4.2.4 of the permit)

In the table below, describe the industrial activities that take place at the facility, list the pollutants associated with each activity, and list the outfalls affected by the activity. This list must include all significant materials that have been handled, treated, stored, or disposed, and that have been exposed to stormwater in the three years prior to the date the SWPPP is prepared or amended.

Industrial Activity	Associated Pollutants	Outfall(s) Affected
Log Unloading and Storage	Debris, TSS, COD, Oil & Grease	1, 2, 3, 4, 5, and 6
Vehicle and Equipment Traffic	TSS, Oil & Grease	1, 2, and 3
Fuel Storage	Oil & Grease, TSS	1, 2, and 3
Sawmill Operations	Debris, TSS, COD, Oil & Grease	1
Salvage Yard	Debris, TSS, Oil & Grease, Iron	6
Wet Decking	Debris, TSS, COD, Oil & Grease	1 and 2
Sawmill Operations	Debris, TSS, COD, Oil & Grease	1
Boiler Operations	TSS, Oil & Grease, Iron	1
Kiln Operations	TSS, Oil & Grease, Iron	1
Compressor Condensate	Oil & Grease	1
Equipment Wash-down	Oil & Grease, TSS	1
Petroleum Storage	Oil & Grease	1 and 2
Bark Yard Storage	Debris, TSS, COD, Oil & Grease	4

C. Exposed Inventories (see Part 4.2.4.2 of the permit)

In the table below, describe any tanks, bins, or piles within the outfall coverage area, list the pollutants associated with each storage entity, and list the outfalls affected by the activity. Include any inventory containing salt for deicing and any tank or storage container susceptible to spilling or leaking.

Inventory	Associated Pollutants	Outfall(s) Affected
Fuel Storage Tank	Oil & Grease	2 and 3
Oil Storage Tanks	Oil & Grease	1, 2, and 3
Boiler Treatment Chemical Containers	COD	1
Used Equipment Salvage Yard	Debris, TSS, Oil & Grease	6
Log Storage Piles	Debris, TSS, Oil & Grease, COD	1 and 2
Wood Shaving Pile	Debris, TSS, Oil & Grease, COD	1

D. Non-Stormwater Discharges (see Part 4.2.4.4 of the permit)

In the table below, describe any authorized non-stormwater discharges, the pollutants associated with that discharge, and the outfalls affected by the discharge. See Part 1.6 of the permit for a list of authorized non-stormwater discharges. Include illicit non-stormwater discharge testing information in Appendix B.

Non-Stormwater Discharge	Associated Pollutants	Outfall(s) Affected
Wet Log Storage	pH O&G, Debris, TSS, COD	001 and 002
Equipment Wash-down Water	pH O&G, Debris, TSS, COD	001
Wet Log Storage Run-off	pH O&G, COD	002
Compressor Condensate	pH O&G, COD	001
Kiln Condensate	pH O&G, COD	001
Boiler Blow-down	pH O&G, COD	001
Saw Mill Contact Water	pH O&G, COD	001

E. Impaired Stream Designation (see Part 4.2.7 of the permit)

In the table below, list any streams or other waterbodies downstream of the facility's discharge that are impaired and list their impairments. Consult the documents at the links below to determine if any of your receiving streams are impaired.

The name of the stream is Gum Creek, thence to Moro Creek, thence to the Saline River, thence to the Ouachita River. None of the streams receiving direct runoff from the Idaho Timber facility are listed on Arkansas 303(d) list (2008). Extraordinary Resource Water (ERW), Natural and Scenic Waterway (NSW), or Ecologically Sensitive Waterbody (ESW):

Moro Creek (segment 08040201-001) is listed for siltation (category SA) as well as lead, zinc, and copper

Impaired Waterbody name	Cause of Impairment
Moro Creek	Siltation, ph, Cu, Zn

F. Monitoring Requirements (see Part 4.2.6.2 of the permit)

In the table below, list any parameters being monitored at the outfall. Include any benchmarks or limitations required and the frequency of sampling for each parameter (at least once per year). The rainfall event characteristics and sampling analytical data will be kept in Appendix

C with the Annual Stormwater Monitoring Data Report kept in Appendix L. Reports documenting any non-compliant sampling events are kept in Appendix M.

Parameter	Check Box if a Limitation	Benchmark or Limitation	Frequency of Monitoring
pH	☒	6.0-9.0 S.U.	Annual
Total Suspended Solids (TSS)	☒	100 mg/L	Annual
COD	☒	120 mg/L	Annual
Oil & Grease	☒	15 mg/L	Annual
Total Zinc	☒	0.684 mg/L	Annual

Describe the procedures for gathering storm event data, as specified in Part 3.8.2.

Responsible Staff:

General Manager, Production Manager, Maintenance Manager, Timber Specialist, Boiler Operator

Logistics:

Sampling requirements and instructions are as follows:

Within the first 30 minutes of a discharge resulting from a measurable storm event. If it is not possible to collect the sample within the first 30 minutes of a measurable storm event, the sample must be collected as soon as practicable after the first 30 minutes and documentation must be kept with the SWPPP explaining why it was not possible to take samples within the first 30 minutes.

Measurable Storm Events All required monitoring must be performed on a storm event that results in an actual discharge from the site (measurable storm event) that follows the preceding measurable storm event by at least 72 hours (3 days). The 72-hour (3-day) storm interval does not apply if the facility is able to document that less than a 72-hour (3-day) interval is representative for local storm events during the sampling period. For each monitoring event, the date and duration (in hours) of the rainfall event, rainfall total (in inches) for that rainfall event, and time (in days) since the previous measurable storm event must be identified.

Adverse Weather Conditions Adverse conditions are those that are dangerous or create inaccessibility for personnel, such as local flooding, high winds, or electrical storms, or

situations that otherwise make sampling impractical, such as drought or extended frozen conditions. When adverse weather conditions prevent the collection of samples according to the relevant monitoring schedule, a substitute sample must be taken during the subsequent qualifying storm event. Adverse weather does not exempt the facility from having to file a discharge monitoring report in accordance with the sampling schedule. The facility must report any failure to monitor as indicating the basis for not sampling during the usual reporting period.

Sampling Method Analytical methods used to meet the monitoring requirements specified in the Permit shall conform to the latest revision of the *Guidelines Establishing Test Procedures for the Analysis of Pollutants* contained in 40 CFR Part 136 or to the latest revision of *Standard Methods for the Examination of Water and Wastewater* (APHA), unless otherwise specified in the Permit or approved in writing by ADEQ, provided that such otherwise approved analytical method is the equivalent of that found **in** the guidance cited in this section or will result in more accurate analytical results or will have a lower detection limit.

Records and Reporting For each monitoring event, Idaho Timber shall record and report the date and duration (in hours) of the storm event(s) sampled; rainfall measurements or estimates (in inches) of the storm event which generated the sampled runoff; the duration between the storm event sampled and the end of the previous measurable storm event; and an estimate of the total volume (in gallons) of the discharge sampled shall be provided. Any non-compliance will be notified on a non-compliance report in Appendix M.

Laboratory to be used:

Environmental Services Company, Inc.
13715 W Markham Street
Little Rock, Arkansas 72211
(501) 221-2565

G. Best Management Practices (see Part 3.1 of the permit)

In the table below, list the best management practices implemented and the back-up measures used if the BMP is being worked on.

Records of BMP maintenance and inspection will be kept in Appendix D.

Best Management Practice	Back-Up Measure
Stormwater Retention basins for on-site recycling systems.	Monitor retention pond capacity daily for removal and off-site management.
Non-Stormwater Discharge Collection systems for on-site recycling.	Monitor systems and retention pond capacity daily for removal and off-site management.
Plumbed compressor condensate to pond 1 for recycling on wet decking process.	Monitor retention pond capacity daily for removal and off-site management.
Plumbed kiln condensate to pond 1 for recycling on wet decking process.	Monitor retention pond capacity daily for removal and off-site management.
Plumbed saw mill contact water to pond 1 for recycling on wet decking process.	Monitor retention pond capacity daily for removal and off-site management.
Plumbed boiler blow-down water to pond 1 for recycling on wet decking process.	Monitor retention pond capacity daily for removal and off-site management.
Divert equipment wash-down water to pond 1 for recycling on wet decking process.	Monitor retention pond capacity daily for removal and off-site management.
Storage tanks are stored inside building in secondary containment.	Monitor daily for spills and leaks. Implement spill response measures if needed.
Implement erosion control measures and grading to control dust on travel lanes.	Monitor daily and excavate if applicable.

H. Facility Site Map (see Part 4.2.3 of the permit)

Include a site map in Appendix H that adheres to the requirements set forth in Part 4.2.3 of the permit.

I. Inspection Schedule and Procedure (see Part 4.2.6.3 of the permit)

In the table below, list the person(s) or position(s) responsible for inspecting, the schedule for conducting inspections, and the specific items (BMPs, outfalls, storage units, etc.) to be covered by the inspection for the two types of inspections listed below:

- Routine monthly stormwater system inspections (see Part 5.1.1 of the permit);
- Stormwater discharge monitoring inspections; and
- Comprehensive site compliance inspections.

Inspection records will be kept in Appendices I, J, and K.

Inspection Type	Person(s)/Position(s) Responsible	Inspection Frequency	Items Inspected
Stormwater System	Timber Specialist, Maintenance Manager, and Boiler Operator	Monthly	BMP's, process equipment, process areas, and storage areas.
Stormwater Discharge Monitoring	Production Manager	Annually	BMP's, process equipment, outfalls, process areas, and storage areas.
Comprehensive Site Compliance	Production Manager	Annually	BMP's, process equipment, process areas, and storage areas.

4. Similar Outfall Designation (see Part 4.2.3.12 of the permit)

Based on the information provided for each of the outfalls at the facility, list in the table below any outfalls considered to be similar, the reason why their discharges are expected to be similar, and the outfall at which monitoring will take place.

Similar Outfalls	Reasons for Similar Discharges	Outfall to be Monitored
05	Stormwater discharges are expected to be similar to that at outfall 03.	03
06	Stormwater discharges are expected to be similar to that at outfall 03.	03

5. Spill and Leak Response Plan (see Part 3.1.4 of the permit)

Describe the procedures for preventing and responding to spills and leaks in Appendix F. List below the person(s) or position(s) responsible for contacting help during a spill or leak emergency as well as the Agency to contact, and the Agency phone number. A record of any spills and leaks, including any within three years of the effective date of this permit, will be kept in Appendix G.

A. Spill and Leak Response Plan

The following activities are intended to prevent spills and also specify actions to be taken in the case of a spill.

- The facility will schedule and conduct stormwater pollution prevention briefings for their operating personnel to assure adequate understanding of pollution prevention for the entire facility. Such briefings will highlight and describe known spill events or failures, malfunctioning components, and/or recently developed precautionary measures.
- The facility will have designated personnel available who are accountable for spill prevention and response.
- Facility rules will be comprehensive and follow good operating and housekeeping practices. Care will be taken to assure that materials are stored properly.

Contractors or other temporary personnel using the facilities will be informed about:

- the facility's provisions for stormwater pollution prevention and directed to dispose of chemicals and wastes properly; and
- Documents and records to be retained with the stormwater pollution prevention plan.

B. Specific Personnel Duties

Specific personnel will be responsible for emergency response procedures if a significant spill occurs. All personnel are responsible for the following duties:

- Identifying spills, leaks, or potential problem areas (if present);
- First response and initial containment of spills, if possible; and
- Reporting problems to the facility Production Manager (PM).

The PM and/or other designated personnel as appropriate are responsible for the following duties:

- Notifying the PM of incidents;
- Ensuring that staff are adequately trained in emergency response; and
- Ensuring that spills are cleaned up adequately (if present).

The PM will be responsible for the following duties:

- Ensuring that the facility staff are adequately trained to supervise emergency response;
- Reporting significant spills to regulatory authorities;
- Contacting subcontractors necessary to address the spill sufficiently;
- Verifying that spills have been adequately cleaned up; and
- Maintaining incident reports.

The individuals designated for these duties and their responsibilities are summarized in Section 5.3 with emergency phone numbers as well as off-site emergency agencies.

C. Emergency Response

Person(s)/Position(s) Responsible for Contacting Emergency Response Agency	Agency Name	Agency Phone Number
John Peaslee, GM Mark Humphry, PM	City of Carthage	(870) 254-2463
John Peaslee, GM Mark Humphry, PM	Carthage Police Department	(870) 254-2463
John Peaslee, GM Mark Humphry, PM	Carthage Fire Department	(870) 254-2345
John Peaslee, GM Mark Humphry, PM	Dallas County Emergency Services	(870) 352-3477
John Peaslee, GM Mark Humphry, PM	Arkansas Department of Environmental Quality	(501) 682-0744
John Peaslee, GM Mark Humphry, PM	EPA Region VI	(800) 887-6063
John Peaslee, GM Mark Humphry, PM	US National Response Center	(800) 424-8802
John Peaslee, GM Mark Humphry, PM	Heritage Environmental Services (spill response contractor)	(800) 377-4692

The primary threats for a liquid spill to impact stormwater are associated with bulk fuel and oil storage practices and management operations at the facility. Adequate spill response materials are available to clean up spills in a timely manner. Spill response equipment inspections are conducted on a monthly basis or after use. Spill response contractor is available to respond to more significant spills as designated in Table below.

6. Housekeeping Practices (see Part 3.1.2 of the permit)

Waste material will be picked up every 30 days.

Routine inspections for leaks and conditions of drums, tanks, and containers will be conducted every 30 days.

Additional Information:

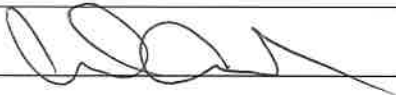
Good housekeeping principles will be practiced throughout the facility. Employees will be trained on the location and use of housekeeping materials, spill response materials, and personal protective equipment. Keeping the facility clean and orderly will help facilitate identification of spills, leaks, and general maintenance problems. Therefore, a "clean as you go" attitude will be encouraged. Employees will be on the lookout for potential spills and conditions that could lead to direct contact with stormwater with polluting materials. Although inspections are performed semi-annually, most areas are observed more often during normal operations. Areas that need to be addressed are done so in a timely manner.

7. Certification (see Part 4.2.8 of the permit)

The certification must be signed in accordance with the provisions of 40 CFR 122.22, as adopted by reference in APCEC Regulation 6. See Part 7.8 of the permit for signatory requirements.

“I have read Part 4.2.7.3 of the permit pertaining to the attainment of water quality standards after authorization and agree to adhere to its requirements.”

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

Name:	John Peaslee	Title:	General Manager
Signature:		Date:	5/23/19

An annual review of this SWPPP will be conducted annually or within two weeks of facility changes that could impact stormwater. These revisions will be documented on the log kept in Appendix Q. Any significant changes/amendments to the SWPPP will require the SWPPP to be recertified.

APPENDIX A

Employee Training Schedule:

Person(s) or Position(s) Trained	Date of Training	Description of Training

APPENDIX B

Non-Stormwater Discharges:

Part 4.2.4.4 of the permit requires identification and elimination of all illicit discharges. This section also requires that the SWPPP contain a certification that the discharge has been tested or evaluated for the presence of non-stormwater discharges and all identified unauthorized discharges have been eliminated.

Potential significant sources of non-stormwater discharges: Boiler Blow-down, Kiln Condensate, Equipment Wash-down, Compressor Condensate, Saw Mill Contact Water, Log Wet-decking, Salvage Yard, Wet Log Storage, Bark Yard Storage

Description of the results of any test or evaluation for the presence of non-stormwater discharges: Visual evaluation of process run-off during a rain event

Evaluation criteria and testing method used: Visual

Date(s) of testing or evaluation: April 25, 2019

On-site drainage points that were directly observed during a test: Outfalls 1, 2, 3, 4, 5, and 6.

If evaluation is not possible, describe why: _____

"I certify that the discharge has been tested or evaluated for the presence of illicit non-stormwater discharges and that all identified unauthorized discharges have been eliminated"

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print Name John Pearce

Title General Manager

Signature [Signature]

Date 5/23/19

APPENDIX B

Non-Stormwater Discharges:

Part 4.2.4.4 of the permit requires identification and elimination of all illicit discharges. This section also requires that the SWPPP contain a certification that the discharge has been tested or evaluated for the presence of non-stormwater discharges and all identified unauthorized discharges have been eliminated.

Potential significant sources of non-stormwater discharges: _____

Description of the results of any test or evaluation for the presence of non-stormwater discharges:
Visual evaluation of process run-off during a rain event

Evaluation criteria and testing method used: Visual

Date(s) of testing or evaluation: _____

On-site drainage points that were directly observed during a test: Outfalls 1, 2, 3, 4, 5, and 6.

If evaluation is not possible, describe why: _____

“I certify that the discharge has been tested or evaluated for the presence of illicit non-stormwater discharges and that all identified unauthorized discharges have been eliminated”

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

Print Name _____

Title _____



Signature_____ Date_____

APPENDIX C

Rainfall Event Data and Sampling Results:

Date of Sample	Rainfall (inches)	Outfall(s) Sampled	Date of Last Storm Event

APPENDIX D

BMP Maintenance Records:

BMP	Date Issue Found	Date of Maintenance	Description of Maintenance

APPENDIX E

Inspection Records:

Keep the completed inspection forms as an attachment to this appendix.

Type of Inspection	Date of Inspection	Outfalls Inspected	Significant Findings

APPENDIX F

Spill Prevention and Response Procedures:

Include the procedures for preventing and responding to spills and leaks. The procedures may reference the existence of other plans for Spill Prevention Control and Countermeasure (SPCC) developed for the facility under Section 311 of the CWA or BMP programs otherwise required by an NPDES permit for the facility, provided that a copy of that other plan is kept onsite and made available for review consistent with Part 5.3

The following spill prevention BMPs will be utilized:

- Employees will be trained on spill response procedures and their respective role in preventing and responding to spills.
- All drains and outlets of tank trucks loading or unloading liquid petroleum or hazardous products will be closely examined for signs of leakage and, if necessary, tightened, adjusted, or replaced to prevent leakage.
- All above ground tanks with a capacity of more than 600 gallons storing liquid petroleum or hazardous products will be located within a containment area with a capacity equal to 110% of the volume of the largest single tank located within the containment area.

The following BMPs will be utilized in the event of a spill:

- Ensure that appropriate spill response equipment and materials are on site and in working order.
- Take appropriate measures to stop release and contain as much of the spill on site as possible.
- Notify the National Response Center at 1-800-424-8802 immediately upon discovery of leak or spill in excess of reportable quantities.
- Submit a written description within 14 days after knowledge of the release, (including type and estimate of the amount of material), the date of release, circumstances leading to the release, response measures, and steps taken to prevent a recurrence. Information must be submitted to: Director, NPDES Branch, Arkansas Department of Environmental Quality, 5301 Northshore Drive, North Little Rock, AR 72118-5317.

APPENDIX G

Spills and Leaks Records:

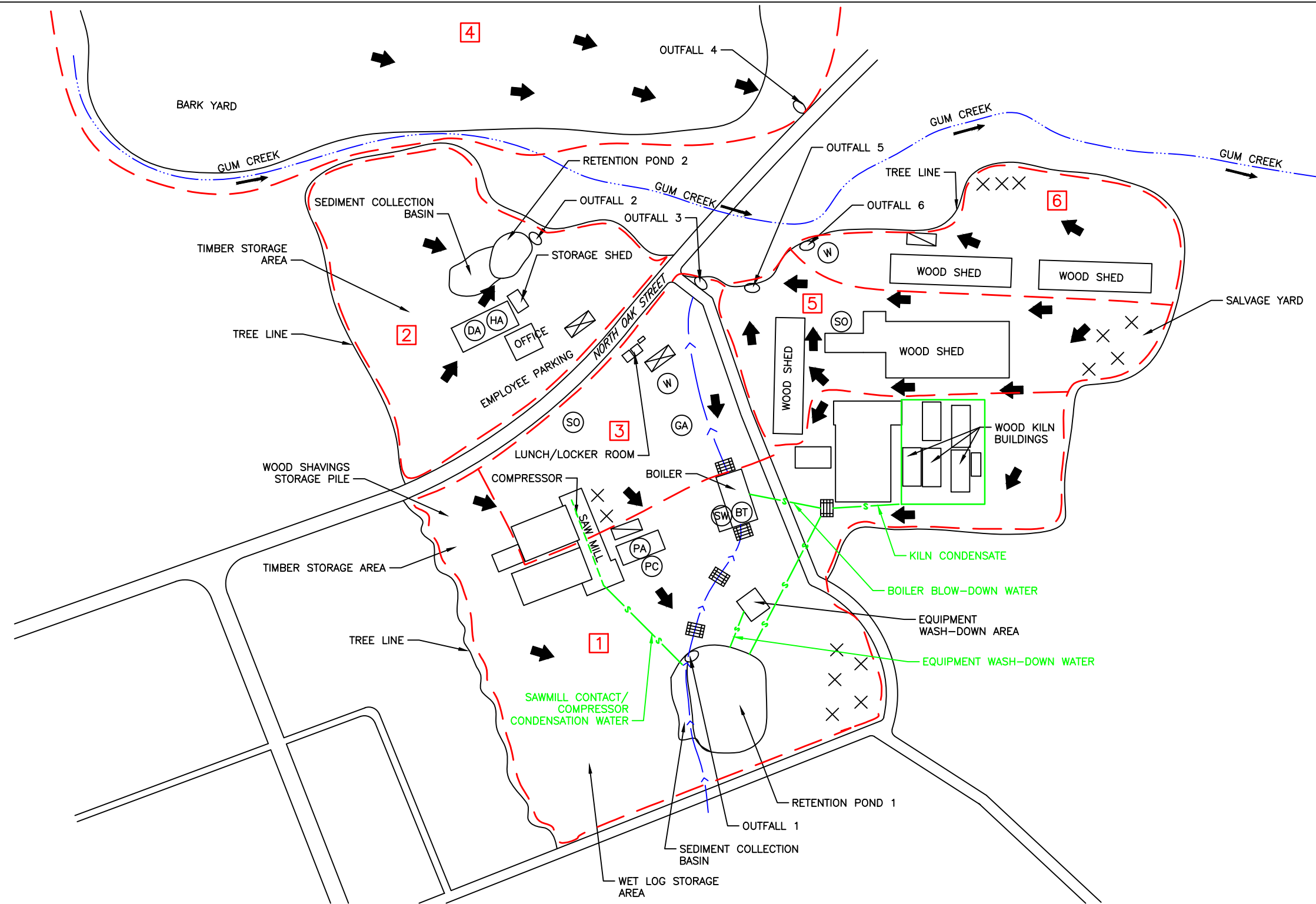
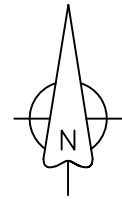
[illegible]

APPENDIX H

Site Map:

The site map must address the following at minimum. Attach a copy of the site map in this appendix.

1. the size of the property in acres (legend);
2. the location and extent of significant structures and impervious surfaces (legend);
3. directions of stormwater flow (arrows);
4. locations of all existing structural control measures (annotated);
5. locations of all receiving waters in the immediate vicinity of the facility(annotated);
6. locations of all stormwater conveyances including ditches, pipes, and swales(annotated);
7. locations of potential pollutant sources (annotated);
8. locations of all stormwater monitoring points and drainage areas (in red);
9. locations of stormwater inlets and outfalls, with a unique identification code for each outfall, indicating if one or more outfalls is being treated as “substantially identical” , and an approximate outline of the areas draining to each outfall;
10. municipal separate storm sewer systems (MS4), where the stormwater discharges to them (if applicable);
11. locations and descriptions of all non-stormwater discharges identified (in green);
12. locations of the following activities where such activities are exposed to precipitation: fueling stations; vehicle and equipment maintenance or cleaning areas; loading/unloading areas; locations used for the treatment, storage, or disposal of wastes; liquid storage tanks; processing and storage areas; immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility; transfer areas for substances in bulk; machinery; and salt storage piles; and
13. locations and sources of run-on to the site from adjacent property that contains significant quantities of pollutants (N/A).



LEGEND

- PROPERTY BOUNDARY
- S- STORMWATER PIPING
- <- DRAINAGE SYSTEM
- STORMWATER OUTFALL LOCATION
- 1 OUTFALL/DRAINAGE AREA DESIGNATION
- STORMWATER FLOW DIRECTION
- Storm Drain
- MUNICIPAL WASTE
- SCRAP METAL
- USED EQUIPMENT/MACHINERY

- | | | | |
|------|----------------------------|------|-----------------------------|
| (BT) | BOILER TREATMENT CHEMICALS | (PC) | PETROLEUM CONTAINER STORAGE |
| (DA) | DIESEL AST | (SO) | SAWDUST OFFLOADING |
| (GA) | GASOLINE AST | (SW) | SAWDUST STORAGE |
| (HA) | HYDRAULIC OIL AST | (W) | WOOD STORAGE |
| (PA) | PETROLEUM AST STORAGE | | |

NOTE: GREEN OBJECTS AND TEXT INDICATE NON-STORMWATER DISCHARGE

34° 04' 39.25" N / 92° 33' 10.11" W
68 ACRES, DALLAS COUNTY
4 ACRES IMPERVIOUS SURFACES, 6% / 59 ACRES PERVIOUS SURFACES, 94%

0 200'
SCALE: 1" = 200'

DRAWN BY:	J/E	DATE:	MAY 2019
DRAFTING CHECK BY:	PWS	JOB NO:	000R2522.00
ENGINEER CHECK BY:		CAD #	01-252201-00
APPROVED BY:	PWS	DWG NO:	2

SITE MAP
IDAHO TIMBER OF CARTHAGE, LLC
322 NORTH OAK STREET
CARTHAGE, ARKANSAS



APPENDIX I

Annual Stormwater Discharge Visual Monitoring Report:

The annual discharge monitoring report has been implemented to document the characteristics of the discharge and identify possible pollutant sources.

Inspector Name:				Date of Inspection:			
Outfall Description							
Outfall No.:		Structure (pipe, ditch, etc.):			Receiving Water Body:		
Describe the industrial activities that occur within the outfall drainage area:							
Color							
Describe the color of the discharge using basic colors (red, brown, blue, etc.) and tint (light, medium, dark) as descriptors:							
Odor							
Describe any distinct odors that the discharge may have (i.e. smells strongly of oil, weak chlorine odor, etc.):							
Clarity							
Choose the number which best describes the clarity of the discharge where 1 is clear and 10 is very cloudy (circle one):							
1 2 3 4 5 6 7 8 9 10							
Floating Solids							
Choose the number which best describes the amount of floating solids in the stormwater discharge where 1 is no solids and 10 is the surface is covered in floating solids (circle one):							
1 2 3 4 5 6 7 8 9 10							
Suspended Solids							
Choose the number which best describes the amount of suspended solids in the stormwater discharge where 1 is no solids and 10 is extremely muddy (circle one):							
1 2 3 4 5 6 7 8 9 10							
Foam							
Is there any foam in the stormwater discharge (circle one)?: Yes No							
Oil Sheen							
Is there an oil sheen in the stormwater discharge (circle one)?: Yes No							
Erosion Deposition							
Is there evidence of erosion or deposition at the outfall? (circle one): Yes No If yes, list and describe:							
Other							
Is there other obvious indicators of stormwater pollution in the stormwater discharge (circle one): Yes No If yes, list and describe:							
Rain Event							
Was this a Representative Storm Event? ____ Yes ____ No Total Event Precipitation (Inches): ____ A measurable storm event is a storm event that results in an actual discharge from the permitted site outfall. The previous measurable storm event must have been at least 72 hours prior.							
Certification							
By this signature I certify that this report is accurate and complete to the best of my knowledge: Inspector's Signature: _____							

APPENDIX J

Monthly Stormwater System Inspections:

The stormwater system inspection report has been implemented to evaluate the industrial activities on a monthly basis and determine their impacts on Stormwater.

Facility Name:		Location:	Certification of Coverage No.: Expires:
Number of Outfalls:	Inspector's Name:		Date:
CONTRIBUTING AREAS			
Evidence of pollutants entering system (circle one): Yes No If yes, describe:			
Areas of potential pollutants entering system: Describe:			
Control measures present (circle one): Yes No If yes, describe:			
Additional control measures needed (circle one): Yes No If yes, describe:			
Sediment and erosion control measures present (circle one): Yes No If yes, describe:			
Describe any new structural stormwater management measures:			
POTENTIAL POLLUTANT AREAS			
Describe any loading/unloading operations:			
Describe any outdoor storage activities:			
Describe any outdoor manufacturing or processing activities:			
Describe and dust or particulate generating areas:			
Describe any onsite waste disposal activities:			
SIGNIFICANT LEAKS OR SPILLS			
Any reportable spills or leaks in the past year (circle one): Yes No If yes, date: _____ Impact on stormwater system(s):			
CERTIFICATION			
By this signature I certify that this report is accurate and complete to the best of my knowledge: Inspector's Signature: _____			

APPENDIX K

Annual Stormwater System Comprehensive Site Compliance Evaluation:

The annual stormwater system comprehensive site compliance evaluation has been implemented to evaluate the industrial activities and processes on an annual basis and determine their impacts on stormwater system.

As required by Multi-Sector General Permit ARR000000, Section A1 an annual comprehensive site compliance evaluation was conducted on _____. Present during the inspection were:

Name: _____ Title: _____

Name: _____ Title: _____

Name: _____ Title: _____

AREAS OF INSPECTIONS

Areas where industrial activities are exposed to stormwater.

- 1) Scrap Metal Storage Dumpsters (impacts to environment):

- 2) Sawdust Storage loading Areas (housekeeping, impacts to environment).

- 3) Truck Loading/Unloading Areas (spill, leaks, impacts to environment):

- 4) Equipment Wash-down Area (impacts to environment):

- 5) Bulk Tank Truck Loading/Unloading Areas (spill, impacts to environment):

6) Used Machinery/Equipment Storage Areas (leaks, impacts to environment):

7) Material Handling Equipment Staging Areas (leaks, impacts to environment):

8) Aboveground Storage Tank Areas (leaks, secondary containment, impacts to environment):

9) Wood Kiln Area(impacts to environment):

10) Boiler Area (impacts to environment):

11) Equipment Wash-down Area(impacts to environment):

12) Wet Log Storage Areas(impacts to environment):

13) Salvage Yard Area(impacts to environment:

14) Saw Mill Area (impacts to environment:

15) Other signs of environmental impacts or obvious sign of pollutants:

EVALUATION OF BMP'S

1) Structural

Retention Ponds/Drainage Systems/Ditches (integrity, pollutant indicators, discharge):

2) Non-Structural

Minimize Exposure to outside storage such as scrap metal, used machinery, used equipment, and waste piles (effectiveness).

3) Outfalls (discharge, pollutant indicators, erosion):

ANALYTICAL RESULTS

Analytical monitoring results from sampling conducted on the listed dated indicated the following:

Date	Parameters	Benchmark	Outfall 1
	Flow	MGD 75	
	pH	6-9 s.u.	
	Debris	Present	
	COD	75 mg/L	
	TSS	53 mg/L	
	O&G	15 mg/L	

Date	Parameters	Benchmark	Outfall 2
	Flow	MGD	
	pH	6-9 s.u.	
	Debris	Present	
	COD	75 mg/L	
	TSS	53 mg/L	
	O&G	15 mg/L	
Date	Parameters	Benchmark	Outfall 3
	COD	120 mg/L	
	TSS	100 mg/L	
	O&G	15 mg/L	
	Zinc	0.684 mg/L	
Date	Parameters	Benchmark	Outfall 4
	COD	120 mg/L	
	TSS	100 mg/L	
	O&G	15 mg/L	
	Zinc	0.684 mg/L	

SUMMARY OF POLLUTANT SOURCES IMPACTS

Except for minor amounts of oil seepage from the yard equipment, the following were not found during the inspection:

- 1) leaks or spills from scrap equipment, drums, barrels, or containers. Y/N _____
- 2) off-site tracking of industrial materials. Y/N _____
- 3) tracking or blowing of recyclable, recycled, or waste materials. Y/N _____
- 4) Evidence of potential pollutants entering the drainage system. Y/N _____

If yes, Describe:

RECOMMENDATIONS

CONCLUSION

- 1) Suspect Pollutant Sources/Impacts to environment:

2) SWPPP Deficiencies:

CERTIFICATION

This inspection did not reveal any violations of the permit. No areas of non-compliance with the SWPPP were noted.

Certified by:

Name: _____

Date: _____

Title: _____

APPENDIX L

Annual Stormwater Monitoring Data Report.

Include all Stormwater Annual Reports (SWAR) as attachments to this appendix. The SWAR must be attached no later than the 31st day of January of the year following the sampling (ie, January 31st 2015 for year 2014) and must be provided within five business days of a request by the Department.

ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY
STORMWATER ANNUAL REPORT (SWAR) FORM

SWAR APPENDIX ATTACHED?*

☐ YES ☐ NO

PERMIT NUMBER: ARR00 AFIN: _____ INDUSTRIAL SECTOR: _____ REPORTING YEAR: _____

PERMITTEE NAME: _____ FACILITY NAME: _____

PHYSICAL ADDRESS: _____ CITY: _____

PARAMETER	BENCHMARK VALUE	QUALITY OR CONCENTRATION	UNITS	OUTFALL NUMBER	BENCHMARK EXCEEDED?
Total Suspended Solids (TSS)	100		mg/L		☐ YES** ☐ NO
pH	6.0-9.0		S.U.		☐ YES** ☐ NO

****If a benchmark is exceeded, a corrective action plan summary is required**

STORM EVENT DETAILS	
DATE OF SAMPLED STORM EVENT	
ESTIMATE OF RAINFALL	INCHES
TIME SINCE LAST MEASURABLE EVENT	DAYS

COMMENTS:

SIGNIFICANT FINDINGS FROM EVALUATION OR INSPECTIONS: _____

CORRECTIVE ACTION PLAN SUMMARY, INCLUDING STATUS OF ANY CORRECTIVE ACTIONS NOT YET COMPLETED: _____

***If additional room is needed or additional parameters were monitored, attach **SWAR Appendix**, found on ADEQ website: www.adeq.state.ar.us**

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I

BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

SIGNATURE & DATE

PRINTED NAME & TITLE OF OFFICIAL

APPENDIX M

Non-Compliance Report.

NON-COMPLIANCE REPORT

Arkansas Department of Environmental Quality
Office of Water Quality – Enforcement Branch
5301 Northshore Drive
North Little Rock, AR 72118

RE: Permit No: _____ Discharge Number: _____

Facility: _____

Address: _____

City: _____ State: _____ Zip: _____

Contact: _____ Phone: _____

Date of Non-Compliance	Parameter Exceeded	Quantity or Loading	Quality or Concentration	Permit Limits

We feel this problem was due to:

We plan on correcting the problem in this manner:

Time estimated that it will take to correct problem:

Sincerely,

Submitted By:

Date

☐ Submitted electronically via NetDMR

Certification Statement: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (Revised March 2016)

APPENDIX N

All records of spills & leaks, inspections, Stormwater monitoring, and BMP maintenance activities will be filed in this appendix.

APPENDIX O

General Stormwater Permit ARR 001147.

**AUTHORIZATION TO DISCHARGE STORMWATER UNDER
THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM AND THE ARKANSAS WATER
AND AIR POLLUTION CONTROL ACT**

In accordance with the provisions of the Arkansas Water and Air Pollution Control Act (Ark. Code Ann. § 8-4-101 et seq.), and the Clean Water Act (33 § U.S.C. 1251 et seq.),

Facilities Discharging Stormwater Associated With Industrial Activity

are authorized to discharge to all receiving waters except as stated in Part 1.8 (Limitations on Coverage) in accordance with eligibility requirements, Notice of Intent (NOI) requirements, Stormwater Pollution Prevention Plan (SWPPP) requirements, effluent limitations, monitoring requirements, and other conditions set forth in this permit.

For facilities that are eligible for coverage under this Stormwater Industrial General Permit (IGP), the Department sends a Notice of Coverage (NOC) with tracking permit number starting with ARR00 to the facility. The NOC includes the Department's determination that a facility is covered under the IGP and may specify alternate requirements outlined in the permit.

Effective Date: 07/01/2014

Expiration Date: 06/30/2019



Ryan Benefield, P.E.
Deputy Director
Arkansas Department of Environmental Quality

12/31/13

Issuance Date

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PART 1: PERMIT REQUIREMENTS

- 1.1 Coverage Under This Permit.** This Stormwater Industrial General Permit (IGP) authorizes discharges from facilities composed of stormwater associated with industrial activity as defined in Part 8.29, where those discharges enter waters of the State or a Municipal Separate Storm Sewer System (MS4) leading to waters of the State are subject to the conditions set forth in this permit. The goal of this permit is to minimize the discharge of stormwater pollutants from industrial activity. The operator shall read and understand the conditions of the permit.
- 1.2 Availability of Permit, Forms, and Information.** A copy of this general permit, forms, reference materials, and other information is available on the Stormwater Homepage of the ADEQ web site: <http://www.adeq.state.ar.us>.

Hard copies may also be obtained by contacting the General Permits Section of the Water Division at (501) 682-0623 or by writing to:

General Permits Section
Water Division
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118

- 1.3 Permit Area.** This permit includes all areas within the State of Arkansas.
- 1.4 Eligibility.** The following stormwater discharges are eligible for coverage under this permit, unless otherwise made ineligible under Part 1.8:
- 1.4.1** All new and existing discharges composed entirely of stormwater associated with industrial activity from the facility's primary industrial activity, as defined in Part 8.29, and provided the primary industrial activity is included in Part 1.5.
- 1.4.2** Discharges designated by ADEQ as needing a stormwater permit. The Department may notify a facility that a stormwater permit is needed. Any such notice will briefly state the reason for such a decision.
- 1.4.3** Discharges subject to any of the national stormwater-specific effluent limitations guidelines listed below.

Regulated Discharge	40 CFR Section
Runoff from material storage piles at cement manufacturing facilities	Part 411, Subpart C
Runoff from phosphate fertilizer manufacturing facilities that comes into contact with any raw materials, finished product, byproducts or waste products (SIC 2874)	Part 418, Subpart A
Runoff from coal storage piles at steam electric generating facilities	Part 423
Runoff from asphalt emulsion facilities	Part 443, Subpart A
Runoff from airport deicing at primary airports	Part 449

- 1.5 Categories of Facilities Covered by this Permit:** This permit is available for stormwater discharges from the following sectors of industrial activities, as well as any discharge not covered under the general sectors that has been identified by ADEQ as appropriate for coverage. The sector descriptions below are based on Standard Industrial Classification (SIC) Codes and Industrial Activity Codes consistent with the definition of stormwater discharge associated with industrial activity at 40 CFR 122.26(b)(14)(i-ix, xi). Some Industrial Sectors have additional eligibility requirements that must be met before permit coverage is required. Please refer to 40 CFR 122.26(b)(14)(i-ix, xi) for full sector activity descriptions. The sectors are listed in the following table:

Sectors of Industrial Activity Covered by This Permit		
Sector and Sub-sector	SIC Code or Activity Code	Activity Represented
SECTOR A: TIMBER PRODUCTS		
A1	2421	General Sawmills and Planing Mills
A2	2491	Wood Preserving
A3	2411	Log Storage and Handling
A4	2426	Hardwood Dimension and Flooring Mills
	2429	Special Product Sawmills, Not Elsewhere Classified
	2431-2439 (except 2434)	Millwork, Veneer, Plywood, and Structural Wood (see Sector W)
	2448	Wood Pallets and Skids
	2449	Wood Containers, Not Elsewhere Classified
	2451, 2452	Wood Buildings and Mobile Homes
	2493	Reconstituted Wood Products
	2499	Wood Products, Not Elsewhere Classified
A5	2441	Nailed and Lock Corner Wood Boxes and Shook
SECTOR B: PAPER AND ALLIED PRODUCTS		
B1	2631	Paperboard Mills
B2	2611	Pulp Mills
	2621	Paper Mills
	2652-2657	Paperboard Containers and Boxes
	2671-2679	Converted Paper and Paperboard Products, Except Containers and Boxes
SECTOR C: CHEMICALS AND ALLIED PRODUCTS		
C1	2873-2879	Agricultural Chemicals
C2	2812-2819	Industrial Inorganic Chemicals
C3	2841-2844	Soaps, Detergents, and Cleaning Preparations; Perfumes, Cosmetics, and Other Toilet Preparations
C4	2821-2824	Plastics Materials and Synthetic Resins, Synthetic Rubber, Cellulosic and Other Manmade Fibers Except Glass
C5	2833-2836	Medicinal Chemicals and Botanical Products; Pharmaceutical Preparations; in vitro and in vivo Diagnostic Substances; and Biological Products, Except Diagnostic Substances
	2851	Paints, Varnishes, Lacquers, Enamels, and Allied Products
	2861-2869	Industrial Organic Chemicals
	2891-2899	Miscellaneous Chemical Products
	3952 (limited to list of inks and paints)	Inks and Paints, Including China Painting Enamels, India Ink, Drawing Ink, Platinum Paints for Burnt Wood or Leather Work, Paints for China Painting, Artist's Paints and Artist's Watercolors
	2911	Petroleum Refining
SECTOR D: ASPHALT PAVING AND ROOFING MATERIALS AND LUBRICANTS		
D1	2951, 2952	Asphalt Paving and Roofing Materials
D2	2992, 2999	Miscellaneous Products of Petroleum and Coal

Sectors of Industrial Activity Covered by This Permit		
Sector and Sub-sector	SIC Code or Activity Code	Activity Represented
SECTOR E: GLASS, CLAY, CEMENT, CONCRETE, AND GYPSUM PRODUCTS		
E1	3251-3259	Structural Clay Products
	3261-3269	Pottery and Related Products
E2	3271-3275	Concrete, Gypsum, and Plaster Products
E3	3211	Flat Glass
	3221, 3229	Glass and Glassware, Pressed or Blown
	3231	Glass Products Made of Purchased Glass
	3241	Hydraulic Cement
	3281	Cut Stone and Stone Products
	3291-3299	Abrasive, Asbestos, and Miscellaneous Nonmetallic Mineral Products
SECTOR F: PRIMARY METALS		
F1	3312-3317	Steel Works, Blast Furnaces, and Rolling and Finishing Mills
F2	3321-3325	Iron and Steel Foundries
F3	3351-3357	Rolling, Drawing, and Extruding of Nonferrous Metals
F4	3363-3369	Nonferrous Foundries (Castings)
F5	3331-3339	Primary Smelting and Refining of Nonferrous Metals
	3341	Secondary Smelting and Refining of Nonferrous Metals
	3398, 3399	Miscellaneous Primary Metal Products
SECTOR G: METAL MINING (ORE MINING AND DRESSING)		
G1	1021	Copper Ore and Mining Dressing Facilities
G2	1011	Iron Ores
	1021	Copper Ores
	1031	Lead and Zinc Ores
	1041, 1044	Gold and Silver Ores
	1061	Ferroalloy Ores, Except Vanadium
	1081	Metal Mining Services
	1094, 1099	Miscellaneous Metal Ores
SECTOR H: COAL MINES AND COAL MINING-RELATED FACILITIES		
H1	1221-1241	Coal Mines and Coal Mining-Related Facilities
SECTOR I: OIL AND GAS EXTRACTION AND REFINING		
I1	1311	Crude Petroleum and Natural Gas
	1321	Natural Gas Liquids
	1381-1389	Oil and Gas Field Services
SECTOR J: MINERAL MINING AND DRESSING		
J1	1442	Construction Sand and Gravel
	1446	Industrial Sand

Sectors of Industrial Activity Covered by This Permit		
Sector and Sub-sector	SIC Code or Activity Code	Activity Represented
J2	1411	Dimension Stone
	1422-1429	Crushed and Broken Stone, Including Rip Rap
	1481	Nonmetallic Minerals Services, Except Fuels
	1499	Miscellaneous Nonmetallic Minerals, Except Fuels
J3	1455, 1459	Clay, Ceramic, and Refractory Materials
	1474-1479	Chemical and Fertilizer Mineral Mining
SECTOR K: HAZARDOUS WASTE TREATMENT, STORAGE, OR DISPOSAL FACILITIES		
K1	HZ	Hazardous Waste Treatment, Storage, or Disposal Facilities, including those that are operating under interim status or a permit under subtitle C of RCRA
SECTOR L: LANDFILLS, LAND APPLICATION SITES, AND OPEN DUMPS		
L1	LF	Municipal Solid Waste Landfill (MSWLF) Areas Closed in Accordance with 40 CFR 258.60
L2	LF	All Landfill, Land Application Sites and Open Dumps, except Municipal Solid Waste Landfill (MSWLF) Areas Closed in Accordance with 40 CFR 258.60
SECTOR M: AUTOMOBILE SALVAGE YARDS		
M1	5015	Automobile Salvage Yards
SECTOR N: SCRAP RECYCLING FACILITIES		
N1	5093	Scrap Recycling and Waste Recycling Facilities except Source-Separated Recycling
N2	5093	Source-separated Recycling Facility
SECTOR O: STEAM ELECTRIC GENERATING FACILITIES		
O1	SE	Steam Electric Generating Facilities, including coal handling sites
SECTOR P: LAND TRANSPORTATION AND WAREHOUSING		
P1	4011, 4013	Railroad Transportation
	4111-4173	Local and Highway Passenger Transportation
	4212-4231	Motor Freight Transportation and Warehousing
	4311	United States Postal Service
	5171	Petroleum Bulk Stations and Terminals
SECTOR Q: WATER TRANSPORTATION		
Q1	4412-4499	Water Transportation Facilities
SECTOR R: SHIP AND BOAT BUILDING AND REPAIRING YARDS		
R1	3731, 3732	Ship and Boat Building or Repairing Yards
SECTOR S: AIR TRANSPORTATION FACILITIES		
S1	4512-4581	Air Transportation Facilities

Sectors of Industrial Activity Covered by This Permit		
Sector and Sub-sector	SIC Code or Activity Code	Activity Represented
SECTOR T: TREATMENT WORKS		
T1	TW	Treatment Works treating domestic sewage or any other sewage sludge or wastewater treatment device or system, used in the storage, treatment, recycling, and reclamation of municipal or domestic sewage, including land dedicated to the disposal of sewage sludge that are located within the confines of the facility, with a design flow of 1.0 MGD or more, or required to have an approved pretreatment program under 40 CFR Part 403. Not included are farm lands, domestic gardens or lands used for sludge management where sludge is beneficially reused and which are not physically located in the confines of the facility, or areas that are in compliance with section 405 of the CWA
SECTOR U: FOOD AND KINDRED PRODUCTS		
U1	2041-2048	Grain Mill Products
U2	2074-2079	Fats and Oils Products
U3	2011-2015	Meat Products
	2021-2026	Dairy Products
	2032-2038	Canned, Frozen, and Preserved Fruits, Vegetables, and Food Specialties
	2051-2053	Bakery Products
	2061-2068	Sugar and Confectionery Products
	2082-2087	Beverages
	2091-2099	Miscellaneous Food Preparations and Kindred Products
	2111-2141	Tobacco Products
SECTOR V: TEXTILE MILLS, APPAREL, AND OTHER FABRIC PRODUCT MANUFACTURING; LEATHER AND LEATHER PRODUCTS		
V1	2211-2299	Textile Mill Products
	2311-2399	Apparel and Other Finished Products Made from Fabrics and Similar Materials
	3131-3199	Leather and Leather Products (note: see Sector Z1 for Leather Tanning and Finishing)
SECTOR W: FURNITURE AND FIXTURES		
W1	2434	Wood Kitchen Cabinets
	2511-2599	Furniture and Fixtures
SECTOR X: PRINTING AND PUBLISHING		
X1	2711-2796	Printing, Publishing, and Allied Industries
SECTOR Y: RUBBER, MISCELLANEOUS PLASTIC PRODUCTS, AND MISCELLANEOUS MANUFACTURING INDUSTRIES		
Y1	3011	Tires and Inner Tubes
	3021	Rubber and Plastics Footwear
	3052, 3053	Gaskets, Packing and Sealing Devices, and Rubber and Plastic Hoses and Belting
	3061, 3069	Fabricated Rubber Products, Not Elsewhere Classified

Sectors of Industrial Activity Covered by This Permit		
Sector and Sub-sector	SIC Code or Activity Code	Activity Represented
Y2	3081-3089	Miscellaneous Plastics Products
	3931	Musical Instruments
	3942-3949	Dolls, Toys, Games, and Sporting and Athletic Goods
	3951-3955 (except 3952 – see Sector C)	Pens, Pencils, and Other Artists' Materials
	3961, 3965	Costume Jewelry, Costume Novelties, Buttons, and Miscellaneous Notions, Except Precious Metal
	3991-3999	Miscellaneous Manufacturing Industries
SECTOR Z: LEATHER TANNING AND FINISHING		
Z1	3111	Leather Tanning and Finishing
SECTOR AA: FABRICATED METAL PRODUCTS		
AA1	3411-3499 (except 3479)	Fabricated Metal Products, Except Machinery and Transportation Equipment, and Coating, Engraving, and Allied Services.
	3911-3915	Jewelry, Silverware, and Plated Ware
AA2	3479	Fabricated Metal Coating and Engraving
SECTOR AB: TRANSPORTATION EQUIPMENT, INDUSTRIAL OR COMMERCIAL MACHINERY		
AB1	3511-3599 (except 3571-3579)	Industrial and Commercial Machinery, Except Computer and Office Equipment (see Sector AC)
	3711-3799 (except 3731, 3732)	Transportation Equipment Except Ship and Boat Building and Repairing (see Sector R)
SECTOR AC: ELECTRONIC, ELECTRICAL, PHOTOGRAPHIC, AND OPTICAL GOODS		
AC1	3571-3579	Computer and Office Equipment
	3812-3873	Measuring, Analyzing, and Controlling Instruments; Photographic and Optical Goods, Watches, and Clocks
	3612-3699	Electronic and Electrical Equipment and Components, Except Computer Equipment
SECTOR AD: NON-CLASSIFIED FACILITIES		
AD1	Other stormwater discharges designated by the Director as needing a permit (see 40 CFR 122.26(a)(9)(i)(C) & (D)) or any facility discharging stormwater associated with industrial activity not described by any of Sectors A-AC. NOTE: Facilities may not elect to be covered under Sector AD. Only the Director may assign a facility to Sector AD.	

1.6 Allowable Non-stormwater Discharges. The following non-stormwater discharges are authorized by this permit:

- 1.6.1 discharges from emergency firefighting activities;
- 1.6.2 fire hydrant flushings;
- 1.6.3 potable water sources including waterline flushings;
- 1.6.4 runoff from irrigation using non-process water;
- 1.6.5 landscape watering provided all pesticides, herbicides, and fertilizers have been applied in accordance with the approved labeling;
- 1.6.6 routine external building washdown which does not use detergents;
- 1.6.7 pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used;
- 1.6.8 air compressor condensate;
- 1.6.9 steam condensate;
- 1.6.10 uncontaminated condensate from air conditioners, coolers, and other compressors and from the outside storage of refrigerated gases or liquids (such as the discharge of thawed condensate from the surface of liquid nitrogen tanks stored outdoors);
- 1.6.11 incidental windblown mist from cooling towers that collects on rooftops or adjacent portions of the facility, but not intentional discharges from the cooling tower (e.g., “piped” cooling tower blowdown or drains);
- 1.6.12 uncontaminated ground water or spring water (See Note Below);
- 1.6.13 foundation or footing drains where flows are not contaminated with process materials such as solvents (See Note Below);
- 1.6.14 excavation dewatering (See Note Below); and
- 1.6.15 non-process water used for dust suppression on roads.

Note:

There shall be no turbid discharges to surface waters of the state resulting from dewatering activities. If trench or ground waters contain sediment, it must pass through a sediment settling pond or other equally effective sediment control device, prior to being discharged. Alternatively, sediment may be removed by settling in place or by dewatering into a sump pit, filter bag, or comparable practice. Ground water dewatering which does not contain sediment or other pollutants is not required to be treated prior to discharge. However, care must be taken when discharging ground water to ensure that it does not become pollutant-laden by traversing over disturbed soils or other pollutant sources.

1.7 Conditional No Exposure Exclusion. In accordance with 40 CFR 122.26(g), a No Exposure Exclusion is a conditional exclusion applicable to all categories of industrial activity (except construction activity) with no exposure of industrial materials and activities to stormwater. All facilities with point source discharges composed entirely of stormwater associated with industrial activity that satisfy criteria of no exposure and complete the No Exposure Exclusion Certification Form will be able to obtain exclusion from this general permit. The Exclusion is available on a facility-wide basis only, not for individual outfalls. If any industrial activities or materials are or will be exposed to precipitation, the facility is not eligible for the No Exposure Exclusion. To apply for a No Exposure Exclusion, a complete and accurate No Exposure Exclusion Certification Form and an initial permit fee as required under the provisions of APCEC Regulation No. 9 should be submitted. Subsequent annual fees will be billed by the Department. Facilities operating under a 2009 Industrial Stormwater General Permit No Exposure Exclusion must submit a Recertification NOI under Part 2.2, assuming the facility still qualifies for the exclusion.

1.8 Limitations on Coverage (Exclusions). The following stormwater discharges associated with industrial activity are not covered by this permit:

- 1.8.1 **Discharges Mixed with Non-Stormwater.** Stormwater discharges associated with industrial activity that are mixed with sources of non-stormwater, except for non-stormwater discharges that are identified by and in compliance with Part 1.6 of the permit.

- 1.8.2 Stormwater Discharges Associated with Construction Activity.** Stormwater discharges associated with construction activity disturbing one acre or more are not eligible for coverage under this permit, even if a permittee currently has coverage under this permit.
- 1.8.3 Discharges Currently Covered by Another Permit.** A facility is not eligible for coverage under this permit unless stormwater requirements from the individual permit can be transferred to this general permit. In order to avoid conflict with the “anti-backsliding” provisions of the Clean Water Act (CWA), a permit transfer will only be allowed where the outfall in the individual permit did not contain numeric water quality-based limitations with an exception of pH. A simple pH range limit would not necessarily have to be considered a water-quality based limit unless developed to address known discharge problems at a particular facility. Compliance with the numeric limitations under the individual permit could also be criteria for eligibility to transfer from an individual permit to the general permit.
- 1.8.4 Discharges Subject to Effluent Guidelines.** Stormwater discharges associated with industrial activity from facilities which are subject to existing effluent guideline limitations addressing stormwater with the exception of those listed in Part 1.4.3.
- 1.8.5 Discharges into Impaired Receiving Waters (303(d) List).** Discharges from a facility into receiving waters listed as impaired under Section 303(d) of the Clean Water Act are not eligible for coverage under this permit, unless the permittee:
- 1.8.5.1 documents that the pollutant(s) for which the waterbody is impaired is not present in the facility’s stormwater discharge(s) and retain documentation of the finding with the Stormwater Pollution Prevention Plan (SWPPP); or
 - 1.8.5.2 incorporate into the SWPPP any additional Best Management Practices (BMPs) needed:
 - 1.8.5.2.1 to prevent to the maximum extent practicable exposure to stormwater of the pollutants for which the waterbody is impaired; and
 - 1.8.5.2.2 to sufficiently protect water quality.
- Please note that the Department will be reviewing this information. If it is determined that the facility will discharge to an impaired water body, then the Department may require additional requirements.
- 1.8.6 Discharges into Receiving Waters with an Approved TMDL.** Discharges from a facility into receiving waters for which there is an established Total Maximum Daily Load (TMDL) allocation are not eligible for coverage under this permit unless:
- 1.8.6.1 the permittee develops and certifies a SWPPP that is consistent with the assumptions and requirements in the approved TMDL; and
 - 1.8.6.2 if a specific numeric wasteload allocation has been established that would apply to the facility’s discharges, the operator must incorporate that allocation into its SWPPP and implement necessary steps to meet that allocation.

Please note that the Department will be reviewing this information. If it is determined that the facility will discharge to receiving waters with an approved TMDL, then the Department may require additional BMPs.

1.8.7 Direct Discharges into an Extraordinary Resource Water (ERW), Natural and Scenic Waterway (NSW), or Ecologically Sensitive Waterbody (ESW). Discharges from a facility directly into receiving waters which are listed as an ERW, NSW, or ESW under the authority of APCEC Regulation 2 are not eligible for coverage under this permit unless:

- 1.8.7.1 the permittee develops and certifies a SWPPP that includes additional BMPs needed to prevent to the maximum extent practicable exposure to stormwater of pollutants that could potentially impact water quality.

Please note that the Department will be reviewing this information. If it is determined that the facility will discharge to an ERW, NSW, or ESW, then the Department may require additional requirements.

1.8.8 Discharges determined will cause impairment or have reason to believe will compromise Water Quality Standards. Discharges from a facility into receiving waters which the Department has determined will cause an impairment or has reason to believe will compromise Water Quality Standards are not eligible for coverage under this permit unless:

- 1.8.8.1 the permittee develops and certifies a SWPPP that includes additional BMPs needed to prevent to the maximum extent practicable exposure to stormwater of pollutants that could potentially impact water quality.

Please note that the Department will be reviewing this information. If it is determined that the facility will cause an impairment or will compromise Water Quality Standards, then the Department may require additional requirements.

PART 2: AUTHORIZATION UNDER THIS PERMIT

2.1 How to Obtain Authorization. To obtain authorization under this permit, one must:

2.1.1 Meet the Part 1.4 eligibility requirements.

2.1.2 Develop a SWPPP according to the requirements in Part 4 of the permit and select, design, install, and implement control measures to meet effluent limitations, water quality standards, and parameter benchmark values.

2.1.3 Submit a complete and accurate Application Package in accordance with Part 2.2, and an initial permit fee as required under the provisions of APCEC Regulation 9. Subsequent annual fees will be billed by the Department.

Timeframes for discharge authorization are contained in the table below. Unless notified by the Director to the contrary, Operators who submit such notifications are authorized to discharge stormwater associated with industrial activity under the terms and conditions of this permit after receipt of the Stormwater Industrial General Permit (IGP) Notice of Coverage (NOC).

2.2 Notice of Intent (NOI) Deadlines. Facilities that intend to obtain coverage for stormwater discharges from industrial activity under this general permit or have received authorization to discharge under a previously issued industrial general permit must submit an Application Package and perform additional actions in accordance with the following:

Category	Deadline for Submittal	Application Package	Other Required Actions
New Dischargers	Minimum thirty (30) days prior to commencement of stormwater discharge from the facility.	1. Completed NOI 2. Stormwater Pollution Prevention Plan (SWPPP) ¹ 3. Permit Fee	NONE
Existing Dischargers Authorized Under 2009 IGP	The effective date of this permit.	1. Completed Recertification NOI	Update SWPPP, as necessary, to comply with the requirements of Part 4 by the effective date of this permit (Submittal of updated SWPPP is not required.)
New Dischargers – No Exposure	Minimum thirty (30) days prior to commencement of stormwater discharge from the facility.	1. Completed No Exposure Exclusion Certification Form 2. Permit Fee	NONE
Existing Dischargers Under 2009 IGP with a No Exposure Exclusion	The effective date of this permit.	1. Completed Recertification NOI	NONE

Category	Deadline for Submittal	Application Package	Other Required Actions
Existing Dischargers with a No Exposure Exclusion who No Longer Qualify for the Exclusion	Maximum thirty (30) days after knowledge of disqualification from No Exposure Exclusion.	1. Completed NOI 2. Stormwater Pollution Prevention Plan (SWPPP) ¹ 3. Permit Fee	NONE

¹The Department understands that the SWPPP is a living document and the version submitted with an initial NOI may have portions that are not finalized. All required SWPPP sections must be attempted in the SWPPP submitted with the application package and the SWPPP must be certified as required under Part 7.8.

2.3 Contents of the Notice of Intent. The Notice of Intent includes, at a minimum, the following:

- 2.3.1 Permittee Name (Legal Applicant), Permittee, Address, Type, and Telephone Number
- 2.3.2 Invoice Contact Person, Mailing Information, and Telephone Number
- 2.3.3 Facility Name, Mailing Address, Location, Latitude, Longitude, SIC Codes, Description of Business/Process
- 2.3.4 Facility Contact Person and Phone Number
- 2.3.5 Outfall information specific to each and every outfall, including outfall name or number as indicated on site map(s) in the SWPPP, latitude, longitude, and receiving waterbody information.
- 2.3.6 Similar outfall information
- 2.3.7 Other information (i.e. Consulting Name, Address, and Telephone Number)
- 2.3.8 Certification and Signature of Permittee
- 2.3.9 Cognizant Official

2.4 Where to Submit. A complete package should be submitted to the Department at the following address:

General Permits Section
Water Division
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118

or by electronic mail (Complete documents (NOI, Recertification NOI, No Exposure Exclusion Certification Form, or SWPPP) must be submitted in Adobe Acrobat format (.pdf)) to: Water-permit-application@adeq.state.ar.us.

Unless otherwise specified by the Department, the above mailing address should be used for all correspondence.

NOTE: A Notice of Coverage (NOC) will not be issued until payment has been received by ADEQ.

2.5 Additional Notification. Facilities which discharge stormwater associated with industrial activity to a small, medium, or large Municipal Separate Storm Sewer System (MS4), as defined in Parts 8.16 and 8.24 of this permit, must, in addition to filing a copy of the Notice of Intent, notify the operator of the MS4 to which they discharge in accordance with the deadlines in Part 2.2 of this permit.

2.6 Change of Facility Name, Ownership, or Authorization.

Facilities that are authorized under this permit, which undergo a change in ownership, facility name, or signatory authorization (i.e., a new cognizant official, responsible person, etc.), must submit a Permit Transfer form to the Director. A Permit Transfer form can be obtained from the General Permits Section of the Water Division of the ADEQ website at: www.adeq.state.ar.us/. For an ownership change, the permit transfer form must be submitted a minimum of 30 days prior to the date the transfer to the new operator will take place. The new owner must comply with the existing permit for the facility during the interim period.

2.7 Terminating Coverage.

2.7.1 Submitting a Notice of Termination. To terminate permit coverage, the permittee must submit a complete and accurate Notice of Termination (NOT). A Notice of Termination form may be obtained from the ADEQ website at: www.adeg.state.ar.us. The permittee is responsible for meeting the terms of this permit until the acceptance of the termination of authorization by the Department.

2.7.2 When to Submit a Notice of Termination.

The permittee must submit a Notice of Termination after:

- 2.7.2.1 The facility has ceased operations, stabilized exposed soils related to industrial activities that have the potential to cause a discharge of sediment, and there are not or no longer will be discharges of stormwater associated with industrial activity from the facility; or
- 2.7.2.2 The facility has obtained coverage under an individual or alternative general permit for all discharges required to be covered by an NPDES permit.

PART 3: BEST MANAGEMENT PRACTICES, LIMITATIONS AND MONITORING REQUIREMENTS

3.1 Best Management Practices. All facilities must comply with the following Best Management Practices (BMPs). Parts 3.1.1 through 3.1.11 are considered part of every facility's Stormwater Pollution Prevention Plan (SWPPP) unless the permittee has incorporated into the SWPPP adequate justification or data indicating why the BMP does not apply to the facility or the facility's stormwater discharges. BMPs are primarily to be used by the facility as the factors to consider when attempting to prevent pollutants from leaving the facility via stormwater exposed to industrial activities.

3.1.1 Minimize Exposure. The operator must take actions as appropriate to minimize the exposure of potential sources of pollutants in the manufacturing, processing, and material storage areas (including loading and unloading, storage, disposal, cleaning, maintenance, and fueling operations) to rain, snow, snowmelt, and runoff by either locating these industrial materials and activities inside or protecting them with storm resistant coverings (although significant enlargement of impervious surface area is not recommended). In minimizing exposure, the operator should pay particular attention to the following:

- use grading, berming, or curbing to prevent runoff of contaminated flows and divert run-on away from these areas;
- locate materials, equipment, and activities so that leaks are contained in existing containment and diversion systems (confine the storage of leaky or leak-prone vehicles and equipment awaiting maintenance to protected areas);
- clean up spills and leaks promptly using dry methods (e.g., absorbents) to prevent the discharge of pollutants;
- use drip pans and absorbents under or around leaky vehicles and equipment or store indoors where feasible;
- use spill/overflow protection equipment;
- drain fluids from equipment and vehicles prior to on-site storage or disposal;
- perform all cleaning operations indoors, under cover, or in bermed areas that prevent runoff and run-on and also that capture any overspray; and
- ensure that all washwater drains to a proper collection system (i.e., not the stormwater drainage system).

The discharge of vehicle and equipment washwater, including tank cleaning operations, is not authorized by this permit. These wastewaters must be covered under a separate NPDES permit, discharged to a sanitary sewer in accordance with applicable industrial pretreatment requirements, or disposed of otherwise in accordance with applicable law.

Note: Industrial materials do not need to be enclosed or covered if stormwater runoff from affected areas will not be discharged to receiving waters or if discharges are authorized under another NPDES permit.

3.1.2 Good Housekeeping. The operator must incorporate good housekeeping practices in an effort to keep clean all exposed areas that are potential sources of pollutants, using such measures as sweeping at regular intervals, keeping materials orderly and labeled, and storing materials in appropriate containers.

3.1.3 Maintenance. The operator must regularly inspect, test, maintain, and repair all industrial equipment and systems to avoid situations that may result in leaks, spills, and other releases of pollutants in stormwater discharged to receiving waters. The operator must maintain all control measures that are used in the implementation of the Best Management Practices or to achieve the effluent limits required by this permit in effective operating condition. Nonstructural control measures must also be diligently maintained (e.g., spill response supplies available, personnel appropriately trained). If the operator finds that the control measures need to be replaced or repaired, the operator must make the necessary repairs or modifications as expeditiously as practicable.

3.1.4 Spill Prevention and Response Procedures. The operator must minimize the potential for leaks, spills and other releases that may be exposed to stormwater and develop plans for effective response to such spills if or when they occur. At a minimum, the operator must implement:

- Procedures for plainly labeling containers (e.g., “Used Oil,” “Spent Solvents,” “Fertilizers and Pesticides,” etc.) that could be susceptible to spillage or leakage to encourage proper handling and facilitate rapid response if spills or leaks occur;
- Preventative measures such as barriers between material storage and traffic areas, secondary containment provisions, and procedures for material storage and handling;
- Procedures for expeditiously stopping, containing, and cleaning up leaks, spills, and other releases. Employees who may cause, detect, or respond to a spill or leak must be trained in these procedures and have necessary spill response equipment available. If possible, one of these individuals should be a member of the stormwater pollution prevention team (see Part 4.2.2); and
- Procedures for notification of appropriate facility personnel, emergency response agencies, and regulatory agencies. Where a leak, spill, or other release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity established under either 40 CFR Part 110, 40 CFR Part 117, or 40 CFR Part 302, occurs during a 24-hour period, the operator must notify the National Response Center (NRC) at (800) 424-8802 in accordance with the requirements of 40 CFR Part 110, 40 CFR Part 117, and 40 CFR Part 302 as soon as the operator has knowledge of the discharge. Local requirements may necessitate reporting spills or discharges to local emergency response, public health, or drinking water supply agencies. **Contact information must be in locations that are readily accessible and available.**

3.1.5 Erosion and Sediment Controls. The operator must stabilize exposed areas and control runoff using structural or non-structural control measures to minimize onsite erosion and sedimentation, and the resulting discharge of pollutants. Among other actions the operator must take to meet this limit, the operator must place flow velocity dissipation devices at discharge locations and within outfall channels where necessary to reduce erosion or settle out pollutants. In selecting, designing, installing, and implementing appropriate control measures, the operator is encouraged to consult with EPA’s internet-based resources relating to BMPs for erosion and sedimentation, including the sector-specific *Industrial Stormwater Fact Sheet Series*, (www.epa.gov/npdes/stormwater/msgp), *National Menu of Stormwater BMPs* (www.epa.gov/npdes/stormwater/menuofbmps), and *National Management Measures to Control Nonpoint Source Pollution from Urban Areas* (www.epa.gov/owow/nps/urbanmm/index.html), and any similar publications.

3.1.6 Management of Runoff. The operator must implement appropriate measures to manage the runoff from the property in such a manner as to minimize the pollutants in the discharge. These measures may include the diversion of the runoff away from areas where pollutants may be present or the reuse of stormwater runoff where practicable, by the use of measures that divert the runoff, contain the runoff, or allow for reuse of the runoff. In selecting, designing, installing, and implementing appropriate control measures, the operator is encouraged to consult with EPA’s internet-based resources relating to runoff management, including the sector-specific *Industrial Stormwater Fact Sheet Series*, (www.epa.gov/npdes/stormwater/msgp), *National Menu of Stormwater BMPs* (www.epa.gov/npdes/stormwater/menuofbmps), and *National Management Measures to Control Nonpoint Source Pollution from Urban Areas* (www.epa.gov/owow/nps/urbanmm/index.html), and any similar publications.

3.1.7 Salt Storage Piles or Piles Containing Salt. The operator must enclose or cover storage piles of salt, or piles containing salt, used for deicing or other commercial or industrial purposes, including maintenance of paved surfaces. The operator must implement appropriate measures (e.g., good housekeeping, diversions, containment) to minimize exposure resulting from adding to or removing materials from the pile. Piles do not need to be enclosed or covered if stormwater runoff from the piles is not discharged or if discharges from the piles are authorized under another NPDES permit.

- 3.1.8 Employee Training.** The operator must train all employees who work in areas where industrial materials or activities are exposed to stormwater, or who are responsible for implementing activities necessary to meet the conditions of this permit (e.g., inspectors, maintenance personnel), including all members of the Pollution Prevention Team. Training for employees whose job duties include implementation of pollution prevention measures or Stormwater Pollution Prevention Team members must cover both the specific control measures used in the implementation of the BMPs in this Part, and monitoring, inspection, planning, reporting, and documentation requirements in other parts of this permit. Training for employees who work in areas where industrial materials or activities are exposed to stormwater, but whose job duties do not include implementation of pollution prevention measures should cover the specific control measures and BMPs used in the facility area in which they work. ADEQ recommends training be conducted at least annually (or more often if employee turnover is high).
- 3.1.9 Non-Stormwater Discharges.** The operator must eliminate non-stormwater discharges not authorized by an NPDES permit. See Part 1.6 for a list of non-stormwater discharges authorized by this permit.
- 3.1.10 Waste, Garbage and Floatable Debris.** The operator must take actions as appropriate to ensure that waste, garbage, and floatable debris are not discharged to receiving waters by keeping exposed areas free of such materials or by intercepting them before they are discharged.
- 3.1.11 Dust Generation and Vehicle Tracking of Industrial Materials.** The operator must take actions as appropriate to minimize generation of dust and off-site tracking of raw, final, or waste materials.
- 3.2 Water Quality Standards.** Any discharge of stormwater associated with industrial activity must be controlled as necessary to meet applicable water quality standards. New discharges or increased loadings from existing discharges must be consistent with the Arkansas Anti-Degradation Policy in APCEC Regulation 2. ADEQ expects that compliance with the other conditions in this permit will control discharges as necessary to meet applicable water quality standards. If at any time the facility becomes aware, or ADEQ determines, that the facility's discharge causes or contributes to an exceedance of applicable water quality standards, the permittee must take corrective action as required, document the corrective actions as required, and report the corrective actions to ADEQ.
- 3.3 Numeric Effluent Limitations based on Effluent Limitations Guidelines.** Permittees subject to one of the Effluent Limitation Guidelines identified in Part 1.4.3 must comply with the following limits:
- 3.3.1** The effluent limits referenced in the table below must be met, based on whether a facility has stormwater associated with the industrial activities listed below:

CFR Industry		Parameter	Limitation	Monitoring Requirements	
Category	Subcategory			Frequency	Sample Type
Cement Manufacturing (40 CFR 411)	Material Storage Piles Runoff	pH	6.0-9.0 s.u.	once/year	grab
		Total Suspended Solids (TSS)	50 mg/l (Daily Maximum)	once/year	grab
Fertilizer Manufacturing (40 CFR 418)	Runoff from phosphate fertilizer manufacturing facilities that comes into contact with any raw materials, finished product, byproducts or waste products	pH	6.0-9.0 s.u.	once/year	grab
		Total Phosphorus (As P)	105.0 mg/l (Daily Maximum)	once/year	grab
			35 mg/l (30-day Average)	once/year	grab
		Fluoride	75.0 mg/l (Daily Maximum)	once/year	grab
			25.0 mg/l (30-day Average)	once/year	grab

CFR Industry		Parameter	Limitation	Monitoring Requirements	
Category	Subcategory			Frequency	Sample Type
Steam powered electric power generating (40 CFR 423)	Coal Pile Runoff	pH	6.0-9.0 s.u.	once/year	grab
		Total Suspended Solids ¹ (TSS)	50 mg/l (Daily Maximum)	once/year	grab
Paving and roofing materials (tars and asphalt) (40 CFR 443)	Runoff from manufacturing of asphalt paving or roofing emulsion	Total Suspended Solids (TSS)	23.0 mg/l (Daily Maximum)	once/year	grab
			15.0 mg/l (30-day Average)	once/year	grab
		pH	6.0-9.0 s.u.	once/year	grab
		Oil and Grease	15.0 mg/l (Daily Maximum)	once/year	grab
			10.0 mg/l (30-day Average)	once/year	grab
Airport Deicing (40 CFR 449)	Airport Deicing at Primary Airports ^{2,3}	Ammonia as Nitrogen	14.7 mg/L (Daily Maximum)	once/year	grab

¹ Coal pile runoff shall not be diluted with other stormwater or other flows in order to meet the TSS limitations. Any untreated overflow from facilities designed, constructed and operated to treat the volume of coal pile runoff which is associated with a 10-year, 24-hour rainfall event shall not be subject to the 50 mg/l Total Suspended Solids limitations.

² Existing and new primary airports with 1,000 or more annual jet departures (“non-propeller aircraft”) that discharge wastewater associated with airfield pavement deicing commingled with stormwater must either use non-urea-containing deicers or meet the effluent limit provided.

³ New airport deicing sources must meet the New Source Performance Standards (NSPS) listed in 40 CFR 449.11, including the requirement of 40 CFR 449.11(a)(1) to collect at least 60 percent of available Aircraft Deicing Fluid.

3.3.2 The facility must monitor each outfall discharging stormwater from any of the regulated activities described in the above table. The similar outfall monitoring provision as described in Part 3.8.1 is not available for numeric effluent limits monitoring.

3.4 Parameter Benchmark Monitoring. All facilities covered under this general permit are authorized to discharge from all permitted stormwater outfalls. All facilities are required to conduct monitoring and sampling of stormwater at each outfall as specified below. The benchmark concentrations are not effluent limitations; a benchmark exceedance, therefore, is not a permit violation. Benchmark monitoring data are primarily to be used by the facility staff to determine the overall effectiveness of BMPs and control measures in controlling the discharge of pollutants to the environment and to assist the facility in knowing when additional corrective action(s) may be necessary.

Effluent Characteristics	Parameter Benchmark Value		Monitoring Requirements	
	Maximum Concentration		Frequency	Sample Type
pH	Minimum 6.0 S.U.	Maximum 9.0 S.U.	once/year	grab
Total Suspended Solids (TSS)	100 mg/L		once/year	grab

In addition to the above effluent characteristics, the following effluent characteristics, which are based on the Industrial Sub-Sectors as defined in Part 1.5, must also be monitored. (Please note that not all Sub-Sectors listed in Part 1.5 have additional characteristics. If the Industrial Sub-Sector is not listed below, only the above effluent characteristics are required.)

Industrial Sub-Sector	Effluent Characteristics	Parameter Benchmark Value Maximum Concentration	Monitoring Requirements	
			Frequency	Sample Type
A1	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
	Oil & Grease (O&G)	15 mg/L	once/year	grab
	Total Zinc	0.684 mg/L	once/year	grab
A2	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
	Oil & Grease (O&G)	15 mg/L	once/year	grab
	Total Arsenic	0.169 mg/L	once/year	grab
	Total Copper	0.0756 mg/L	once/year	grab
A3	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
	Oil & Grease (O&G)	15 mg/L	once/year	grab
A4	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
	Oil & Grease (O&G)	15 mg/L	once/year	grab
A5	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
	Oil & Grease (O&G)	15 mg/L	once/year	grab
B1	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
B2	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
C1	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
	Nitrate plus Nitrite Nitrogen	0.68 mg/L	once/year	grab
	Total Lead	0.519 mg/L	once/year	grab
	Total Iron	1.0 mg/L	once/year	grab
	Total Zinc	0.684 mg/L	once/year	grab
	Phosphorus	2.0 mg/L	once/year	grab
C2	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
	Total Aluminum	0.75 mg/ L	once/year	grab
	Total Iron	1.0 mg/L	once/year	grab
	Nitrate plus Nitrite Nitrogen	0.68 mg/L	once/year	grab
C3	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
	Nitrate plus Nitrite Nitrogen	0.68 mg/L	once/year	grab
	Total Zinc	0.684 mg/L	once/year	grab
C4	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
	Total Zinc	0.684 mg/L	once/year	grab
C5	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
D1	Oil & Grease (O&G)	15 mg/L	once/year	grab
D2	Oil & Grease (O&G)	15 mg/L	once/year	grab
E1	Total Aluminum	0.75 mg/L	once/year	grab
E2	Total Iron	1.0 mg/L	once/year	grab
F1	Total Aluminum	0.75 mg/L	once/year	grab
	Total Zinc	0.684 mg/L	once/year	grab
F2	Total Aluminum	0.75 mg/L	once/year	grab
	Total Copper	0.0756 mg/L	once/year	grab
	Total Iron	1.0 mg/L	once/year	grab
	Total Zinc	0.684 mg/L	once/year	grab

Industrial Sub-Sector	Effluent Characteristics	Parameter Benchmark Value Maximum Concentration	Monitoring Requirements	
			Frequency	Sample Type
F3	Total Copper	0.0756 mg/L	once/year	grab
	Total Zinc	0.684 mg/L	once/year	grab
F4	Total Copper	0.0756 mg/L	once/year	grab
	Total Zinc	0.684 mg/L	once/year	grab
G1	Nitrate plus Nitrite Nitrogen	0.68 mg/L	once/year	grab
G2	Total Antimony	0.636 mg/L	once/year	grab
	Total Arsenic	0.169 mg/ L	once/year	grab
	Total Beryllium	0.13 mg/L	once/year	grab
	Total Cadmium	0.0118 mg/L	once/year	grab
	Total Copper	0.0756 mg/L	once/year	grab
	Total Iron	1.0 mg/L	once/year	grab
	Total Lead	0.519 mg/L	once/year	grab
	Total Mercury	0.0024 mg/L	once/year	grab
	Total Nickel	6.43 mg/L	once/year	grab
	Total Selenium	0.239mg/L	once/year	grab
	Total Silver	0.0107 mg/L	once/year	grab
	Total Zinc	0.684 mg/L	once/year	grab
H1	Total Aluminum	0.75 mg/L	once/year	grab
	Total Iron	1.0 mg/L	once/year	grab
I1	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
J1	Nitrate plus Nitrite Nitrogen	0.68 mg/L	once/year	grab
K1	Ammonia	19 mg/L	once/year	grab
	Total Magnesium	0.0636 mg/L	once/year	grab
	Total Arsenic	0.169 mg/L	once/year	grab
	Total Cadmium	0.0118 mg/L	once/year	grab
	Total Cyanide	0.0636 mg/ L	once/year	grab
	Total Lead	0.519 mg/L	once/year	grab
	Total Mercury	0.0024 mg/ L	once/year	grab
	Total Selenium	0.239 mg/L	once/year	grab
	Total Silver	0.0107 mg/L	once/year	grab
L1	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
L2	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
	Total Iron	1.0 mg/L	once/year	grab
M1	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
	Total Aluminum	0.75 mg/L	once/year	grab
	Total Iron	1.0 mg/L	once/year	grab
	Total Lead	0.519 mg/L	once/year	grab

Industrial Sub-Sector	Effluent Characteristics	Parameter Benchmark Value Maximum Concentration	Monitoring Requirements	
			Frequency	Sample Type
N1	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
	Oil & Grease (O&G)	15 mg/L	once/year	grab
	Total Aluminum	0.75 mg/L	once/year	grab
	Total Copper	0.0756 mg/L	once/year	grab
	Total Iron	1.0 mg/L	once/year	grab
	Total Lead	0.519 mg/L	once/year	grab
	Total Zinc	0.684 mg/L	once/year	grab
N2	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
	Oil & Grease (O&G)	15 mg/L	once/year	grab
O1	Total Iron	1.0 mg/L	once/year	grab
P1	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
	Oil & Grease (O&G)	15 mg/L	once/year	grab
Q1	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
	Total Aluminum	0.75 mg/L	once/year	grab
	Total Iron	1.0 mg/L	once/year	grab
	Total Lead	0.519 mg/L	once/year	grab
	Total Zinc	0.684 mg/L	once/year	grab
S1	Ammonia ¹	19 mg/L	once/year	grab
T1	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
U1	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
	Oil & Grease (O&G)	15 mg/L	once/year	grab
U2	Nitrate plus Nitrite Nitrogen	0.68 mg/L	once/year	grab
	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
	Oil & Grease (O&G)	15 mg/L	once/year	grab
U3	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab
	Oil & Grease (O&G)	15 mg/L	once/year	grab
Y1	Total Zinc	0.684 mg/L	once/year	grab
AA1	Oil & Grease (O&G)	15 mg/L	once/year	grab
	Total Aluminum	0.75 mg/L	once/year	grab
	Total Iron	1.0 mg/L	once/year	grab
	Total Zinc	0.684 mg/L	once/year	grab
	Nitrate plus Nitrite Nitrogen	0.68 mg/L	once/year	grab
AA2	Oil & Grease (O&G)	15 mg/L	once/year	grab
	Total Zinc	0.684 mg/L	once/year	grab
	Nitrate plus Nitrite Nitrogen	0.68 mg/L	once/year	grab
AB1	Oil & Grease (O&G)	15 mg/L	once/year	grab
AD1	Chemical Oxygen Demand (COD)	120 mg/L	once/year	grab

¹For airports where a single permittee or a combination of permitted facilities use more than 100,000 gallons of glycol-based deicing chemicals or 100 tons or more of urea on an average annual basis, monitor all parameters in ONLY those outfalls that collect runoff from areas where deicing activities occur. Monitoring is not required for facilities with deicing activities that do not meet the above thresholds.

3.5 Additional Monitoring Required by ADEQ. ADEQ may notify the facility of additional discharge monitoring requirements. Any such notice will briefly state the reasons for the monitoring, locations, and parameters to be monitored, frequency and period of monitoring, sample types, and reporting requirements. If a facility discharges to an impaired water with an ADEQ approved or established TMDL, ADEQ will inform the facility if any additional monitoring requirements or controls are necessary for the discharge to be consistent with the assumptions of any available wasteload allocation in the TMDL.

3.6 Monitoring Period. The monitoring period is from January 1st to December 31st of a calendar year. The facility must monitor at least once within a calendar year.

Monitoring requirements in this permit begin on the effective date of the permit.

3.7 Monitoring Location. All samples must be taken at monitoring points specified in the NOI and SWPPP before the stormwater joins or is diluted by any other waste stream, unless otherwise approved in writing by the Department.

3.8 Sampling Associated with Monitoring Requirements. Sampling shall be conducted to capture stormwater with the greatest exposure to significant sources of pollution. Each stormwater outfall must be sampled and analyzed separately unless an outfall has been determined to be similar in accordance with Part 3.8.1 below.

3.8.1 Similar Outfalls. When a stormwater outfall may be similar to another outfall at the facility, i.e., similar effluents based on a consideration of industrial activity, significant materials and management practices, and activities within the area drained by the outfall, the permittee may sample only the discharge point with the highest concentration of pollutants. The permittee must get approval of the similar outfall designation from the Department prior to monitoring. This provision is not available for discharges subject to the Effluent Limitations Guidelines in Part 1.4.3. The SWPPP must include documentation on how these determinations were made and the description of each point of discharge. The documentation should include the following information:

- 3.8.1.1** Location of each of the similar outfalls;
- 3.8.1.2** Description of the general industrial activities conducted in the drainage area of each outfall;
- 3.8.1.3** Description of the control measures implemented in the drainage area of each outfall;
- 3.8.1.4** Description of the exposed materials located in the drainage area of each outfall that are likely to be significant contributors of pollutants to stormwater discharges; and
- 3.8.1.5** Why the outfalls are expected to discharge similar effluents.

3.8.2 Sampling Procedures. Samples and measurements taken as required shall be representative of the volume and nature of the monitored discharge. Stormwater must be sampled according to requirements below unless the Permittee submits an alternative plan as a modification of coverage and it is approved by ADEQ. Any approved alternative plan should be included in the SWPPP. If a Permittee is unable to sample during a monitoring period, they must document a justification in the Stormwater Annual Report for that period.

Sampling requirements and instructions are as follows:

3.8.2.1 Grab Sample. A minimum of one grab sample must be taken from each outfall within the first 30 minutes of a discharge resulting from a measurable storm event as described in Part 3.8.2.2. If it is not possible to collect the sample within the first 30 minutes of a measurable storm event, the sample must be collected as soon as practicable after the first 30 minutes and documentation must be kept with the SWPPP explaining why it was not possible to take samples within the first 30 minutes.

3.8.2.2 Measurable Storm Events. All required monitoring must be performed on a storm event that results in an actual discharge from the site (“measurable storm event”) that follows the preceding measurable storm event by at least 72 hours (3 days). The 72-hour (3-day) storm interval does not apply if the facility is able to document that less than a 72-hour (3-day) interval is representative for local storm

events during the sampling period. In the case of frozen precipitation, the measureable storm event begins when melting produces a measurable discharge at the facility and ends when measurable discharge ceases at the facility.

3.8.2.3 Adverse Weather Conditions. Adverse conditions are those that are dangerous or create inaccessibility for personnel, such as local flooding, high winds, or electrical storms, or situations that otherwise make sampling impractical, such as drought or extended frozen conditions. When adverse weather conditions prevent the collection of samples according to the relevant monitoring schedule, a substitute sample must be taken during the subsequent qualifying storm event. The facility must document any failure to monitor as indicating the basis for not sampling during the usual reporting period.

3.8.2.4 Sampling Method. Analytical methods used to meet the monitoring requirements specified in this permit shall conform to the latest revision of the *Guidelines Establishing Test Procedures for the Analysis of Pollutants* contained in 40 CFR Part 136 or to the latest revision of *Standard Methods for the Examination of Water and Wastewater* (APHA), unless otherwise specified in this permit or approved in writing by the Department provided that such otherwise approved analytical method is the equivalent of that found in the guidance cited in this section or will result in more accurate analytical results or will have a lower detection limit. Note that 40 CFR Part 136 and *Standard Methods for the Examination of Waste and Wastewater* establish the maximum holding times for each parameter which must be met for sampling results to be considered valid. Some parameters have short holding times, such as pH, which should be analyzed immediately to be considered valid.

3.8.2.5 Records. For each monitoring event, the permittee shall record the date of the storm event sampled; rainfall measurements or estimates (in inches) of the storm event which generated the sampled runoff; and the duration between the storm event sampled and the end of the previous measurable storm event.

3.9 Exceptions to Monitoring Requirements.

3.9.1 Inactive and Un-staffed Facilities. Facilities that are inactive and unstaffed during an entire monitoring period will not be required to monitor during the inactive and unstaffed period. To be eligible for a monitoring waiver at inactive and unstaffed sites, the permittee must certify the site is unstaffed and inactive and the pollutant generating activities are not occurring at the site. The certification must be signed in accordance with signatory requirements of Part 7.8 and kept with the Stormwater Pollution Prevention Plan. Unstaffed is defined as no staff assigned to the industrial or pollutant generating activities. A site may be “unstaffed” even when security personnel are present, provided that pollutant generating activities are not included in their duties.

3.9.2 Sampling Waiver. If a parameter is assigned to the facility per Part 3.4, the permittee may request in writing for sampling for that parameter to be waived. Adequate justification or data must be provided to the Department indicating as to why the assigned characteristic is not present at levels that would adversely affect the environment. The Department will review the request and all available information and provide a decision via correspondence.

3.10 Parameter Benchmark Values. This section contains the parameter benchmark values that should be met in stormwater discharges as applicable. The benchmark concentrations are not effluent limitations. Therefore, a benchmark exceedance is not a permit violation.

PARAMETER BENCHMARK VALUES ⁺					
Parameter name	Benchmark level	Source	Parameter name	Benchmark level	Source
Biochemical Oxygen Demand (5)	30 mg/L	4	Fluoride	1.8 mg/L	6
Chemical Oxygen Demand	120 mg/L	5	Iron, Total	1.0 mg/L	12
Total Suspended Solids	100 mg/L	7	Lead, Total (H)	0.519 mg/L	14
Oil and Grease	15 mg/L	8	Magnesium, Total	0.0636 mg/L	9
Nitrate + Nitrite Nitrogen	0.68 mg/L	7	Manganese	1.0 mg/L	13
Total Phosphorus	2.0 mg/L	6	Mercury, Total	0.0024 mg/L	1
pH	6.0-9.0 s.u.	4	Nickel, Total (H)	6.43 mg/L	14
Acrylonitrile (c)	7.55 mg/L	2	PCB-1016 (c)	0.000127 mg/L	9
Aluminum, Total (pH 6.5-9)	0.75 mg/L	1	PCB-1221 (c)	0.10 mg/L	10
Ammonia	19 mg/L	1	PCB-1232 (c)	0.000318 mg/L	9
Antimony, Total	0.636 mg/L	9	PCB-1242 (c)	0.00020 mg/L	10
Arsenic, Total (c)	0.169 mg/L	9	PCB-1248 (c)	0.00255 mg/L	9
Benzene	0.01 mg/L	10	PCB-1254 (c)	0.10 mg/L	10
Beryllium, Total (c)	0.13 mg/L	2	PCB-1260 (c)	0.000477 mg/L	9
Butylbenzyl Phthalate	3 mg/L	3	Phenols, Total	1.0 mg/L	11
Cadmium, Total (H)	0.0118 mg/L	14	Pyrene (PAH) (PAH,c)	0.01 mg/L	10
Chloride	860 mg/L	1	Selenium, Total (*)	0.239 mg/L	9
Copper, Total (H)	0.0756 mg/L	14	Silver, Total (H)	0.0107 mg/l	14
Cyanide, Total	0.0636 mg/L	9	Toluene	10.0 mg/L	3
Dimethyl Phthalate	1.0 mg/L	11	Trichloroethylene (c)	0.0027 mg/L	3
Ethylbenzene	3.1 mg/L	3	Zinc, Total (H)	0.684 mg/L	14
Fluoranthene	0.042 mg/L	3			

Sources:

1. "EPA Recommended Ambient Water Quality Criteria." Acute Aquatic Life Freshwater.
2. "EPA Recommended Ambient Water Quality Criteria." Lowest Observed Effect Levels (LOEL) Acute Freshwater.
3. "EPA Recommended Ambient Water Quality Criteria." Human Health Criteria for Consumption of Water and Organisms.
4. Secondary Treatment Regulations (40 CFR 133).
5. Factor of 4 times BOD5 concentration - North Carolina benchmark.
6. North Carolina stormwater benchmark derived from NC Water Quality Standards.
7. National Urban Runoff Program (NURP) median concentration.
8. Median concentration of Stormwater Effluent Limitation Guideline (40 CFR Part 419)
9. Minimum Level (ML) based upon highest Method Detection Level (MDL) times a factor of 3.18.
10. Laboratory derived Minimum Level (ML).
11. Discharge limitations and compliance data.

12. "EPA Recommended Ambient Water Quality Criteria." Chronic Aquatic Life Freshwater.
13. Colorado - Chronic Aquatic Life Freshwater - Water Quality Criteria.
14. 2009 ADEQ CPP and APCEC Regulation No. 2

Notes:

(*) Limit established for oil and gas exploration and production facilities only.

(c) carcinogen.

(H) hardness dependent.

(PAH) Polynuclear Aromatic Hydrocarbon.

Assumptions:

Receiving water temperature - 20 °C.

Receiving water pH - 7.8.

Receiving water hardness (CaCO₃) - 100 mg/L.

Receiving water salinity - 20 g/kg.

Acute to Chronic Ratio (ACR) - 10.

Footnotes:

⁺ Federal Register; Monday, October 30, 2000; Volume 65, No. 210; page 64767.

3.11 Alternatives to Parameter Benchmark Values. The permittee may develop alternatives to the parameter benchmark values, as follows.

3.11.1 The SWPPP must contain a full and complete description of the alternative(s) to the established parameter benchmark values listed in this permit, along with the justification for the selected alternative(s), why the alternative(s) is considered equivalent to the listed parameter benchmark value in protecting water quality (if the permittee is establishing a different value than the established parameter benchmark value), how the alternative(s) will be evaluated to determine equivalency with the established parameter benchmark value, and documenting on an annual basis the permittee's ability to successfully achieve the alternative(s) to the established parameter benchmark values.

3.11.2 The permittee shall submit the section of the SWPPP with the alternative(s) and the rationale to the Department for review. The Department shall review the alternatives and notify the facility of such a decision in writing. The Department shall have 60 days to review the alternatives. If, after 60 days, the Department has not notified the operator of its review findings, the permittee may begin to use the alternative(s) to the established parameter benchmark values. If the Department does not approve the alternatives(s), the permittee shall use the parameter benchmark values provided in Part 3.10.

3.12 Response to Monitoring Results Above Parameter Benchmark Values. This permit stipulates parameter benchmark value concentrations that may be applicable to a facility's discharge. The benchmark concentrations are not effluent limitations. Therefore, a benchmark exceedance is not a permit violation. Benchmark monitoring data are primarily for the facility to use for determining the overall effectiveness of control measures and to assist in knowing when additional corrective action(s) may be necessary to comply with permit requirements.

3.12.1 Data exceeding benchmarks: If a sampling result for any parameter exceeds the parameter benchmark value, the facility shall investigate the cause or source of the elevated pollutant levels, review the SWPPP, and determine and document a Corrective Action Plan to address the benchmark exceedance. The facility shall commence with the above process within 30 calendar days of the exceedance while immediately taking all readily apparent, reasonable steps necessary to minimize or prevent the discharge of pollutants until a permanent solution is installed and made operational, including cleaning up any contaminated surfaces so that the material will not discharge in subsequent storm events.

The Corrective Action Plan must contain the following: the results of the review; the corrective actions the permittee will take to address the benchmark excursion, including whether a SWPPP modification is necessary; and an implementation schedule with milestone dates and including alternative methods for implementing existing site controls or methods for implementing additional effective site controls, if the site controls have not already been implemented.

The permittee must document the date that corrective actions are initiated and are completed or expected to be completed. This documentation must be included in an annual report and a copy retained onsite with the SWPPP.

3.12.2 Natural background pollutant level: If the permittee determines that the exceedances of the benchmark values is attributable solely to the presence of that pollutant in the natural background, the permittee is not required to perform corrective actions or additional benchmark monitoring, provided that the following are met:

3.12.2.1 The concentration of the benchmark monitoring results is less than or equal to the concentration of that pollutant in the natural background (data from previous monitoring may be used);

3.12.2.2 The permittee documents and maintains with the SWPPP the supporting rationale for concluding that benchmark exceedances are in fact attributable solely to natural background pollutant levels. This must include in the supporting rationale any site specific data previously collected by the facility or others

(including literature studies) that describe the levels of natural background pollutants in the stormwater discharge; and

- 3.12.2.3** The Department must be notified that the benchmark exceedances are attributable solely to natural background pollutant levels. Natural background pollutants include those substances that are naturally occurring in soils or groundwater. Natural background pollutants do not include legacy pollutants from earlier activity on-site or pollutants in run-on from neighboring sources which are not naturally occurring.

Compliance with the requirements of the above conditions does not relieve the permittee of the duty to comply with any other applicable conditions of this permit

PART 4: STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

Each facility covered by this permit shall develop, implement, and comply with a stormwater pollution prevention plan (SWPPP). The SWPPP shall be prepared in accordance with commonly accepted engineering practices. The SWPPP shall identify potential sources of pollution which may reasonably be expected to affect the quality of stormwater discharges associated with industrial activity from the facility. Required elements of the SWPPP, implemented in the form of Best Management Practices (BMPs) in lieu of numerical limitations, are considered to be technology-based non-numeric limits based on 40 CFR 122.44(k)(3). The permittee must select, design, install, and implement control measures to comply with the Best Management Practices in Part 3.1, to meet the water quality-based effluent limitations in Part 3.2, and meet the limits contained in applicable Effluent Limitations Guidelines in Part 3.3; the SWPPP is the documentation of this process. The SWPPP must also include any additional Best Management Practices (BMPs) as necessary to comply with state water quality standards and parameter benchmark values. New facilities must have a SWPPP developed and implemented before beginning operation. However, some components of a SWPPP are added over time (e.g. results of dry and wet weather inspections) and cannot be included in the first SWPPP. The Permittee must update the SWPPP as required by permit conditions. Facilities must implement the provisions of the SWPPP required under conditions of this permit.

- 4.1 Deadlines for SWPPP Preparation and Compliance.** Deadlines for SWPPP preparation and compliance for stormwater discharge associated with industrial activity are as follows. Upon a showing of good cause, the Director may establish a later date in writing for preparing and coming into compliance with a SWPPP for a stormwater discharge associated with industrial activity that submits an NOI in accordance with requirements of this permit.

Category	Completion or Updating of SWPPP
New Dischargers	Shall be developed and then submitted to the Department with the Application Package
Existing Dischargers Authorized Under 2009 IGP	Shall be updated by the effective date of this permit. Submittal is not required.

4.2 Contents of SWPPP.

For coverage under this permit, the SWPPP shall include, at a minimum, the following elements:

- Facility information (see Part 4.2.1)
- Stormwater pollution prevention team (see Part 4.2.2);
- Facility description (see Part 4.2.3);
- Description of potential pollutant sources (see Part 4.2.4);
- Measures and controls (see Part 4.2.5);
- Schedules and procedures (see Part 4.2.6);
- Additional requirements (see Part 4.2.7) and
- Signature requirements (see Part 4.2.8).

- 4.2.1 Facility Information.** Each SWPPP shall include the facility name, general permit tracking number, facility physical address, and the facility's SIC and NAICS codes.

- 4.2.2 Stormwater Pollution Prevention Team.** Each SWPPP shall identify a specific individual or position within the facility organization as members of a Stormwater Pollution Prevention Team that are responsible for developing the SWPPP and assisting the facility or plant manager in its implementation, maintenance, and revision. The SWPPP shall clearly identify the responsibilities of each team member. The activities and responsibilities of the team shall address all aspects of the facility's SWPPP.

Please note that common positions (i.e. secretary, operator, etc) may not be used. A specific position or individual's name must be listed.

4.2.3 Facility Description: The facility description will describe the industrial activities conducted at the site (detailed process description), the general layout of the facility including buildings and storage of raw materials, and the flow of goods and materials through the facility. It should include seasonal variations including peaks in production and any changes in work based on season or weather (e.g. moving work outdoors on dry days). As part of the facility description, a site map should be provided showing the following, as applicable:

- 4.2.3.1 the size of the property in acres;
- 4.2.3.2 the location and extent of significant structures and impervious surfaces;
- 4.2.3.3 directions of stormwater flow (use arrows);
- 4.2.3.4 locations of all existing structural control measures;
- 4.2.3.5 locations of all receiving waters in the immediate vicinity of the facility,
- 4.2.3.6 locations of all stormwater conveyances including ditches, pipes, and swales;
- 4.2.3.7 locations of potential pollutant sources;
- 4.2.3.8 locations of all stormwater monitoring points;
- 4.2.3.9 locations of stormwater inlets and outfalls, with a unique identification code for each outfall, indicating if one or more outfalls is being treated as “substantially identical” , and an approximate outline of the areas draining to each outfall;
- 4.2.3.10 municipal separate storm sewer systems (MS4), where the stormwater discharges to them (if applicable);
- 4.2.3.11 locations and descriptions of all non-stormwater discharges identified;
- 4.2.3.12 locations of the following activities where such activities are exposed to precipitation: fueling stations; vehicle and equipment maintenance or cleaning areas; loading/unloading areas; locations used for the treatment, storage, or disposal of wastes; liquid storage tanks; processing and storage areas; immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility; transfer areas for substances in bulk; and machinery; and
- 4.2.3.13 locations and sources of run-on to the site from adjacent property that contains significant quantities of pollutants.

4.2.4 Description of potential pollutant sources. The SWPPP must document the areas at the facility where industrial materials or activities are exposed to stormwater and from which allowable non-stormwater discharges are released. For the definition of “industrial materials or activities,” see Part 8.12. For each area identified, the description must include:

- 4.2.4.1 Industrial Activities in the area. A list of the industrial activities exposed to stormwater (e.g., material storage; equipment fueling, maintenance, and cleaning; cutting steel beams).
- 4.2.4.2 Pollutants. A list of the pollutant(s) or pollutant constituents (e.g., crankcase oil, zinc, sulfuric acid, and cleaning solvents) associated with each identified activity. The pollutant list must include all significant materials that have been handled, treated, stored, or disposed, and that have been exposed to stormwater in the 3 years prior to the date the SWPPP is prepared or amended.
- 4.2.4.3 Spills and Leaks. The SWPPP must document where potential spills and leaks could occur that could contribute pollutants to stormwater discharges, and the corresponding outfall(s) that would be affected by such spills and leaks.

A list of significant spills and significant leaks of toxic or hazardous pollutants that occurred at areas exposed to precipitation or that otherwise drain to a stormwater conveyance at the facility in the three years prior to the date the SWPPP was prepared or amended. This list shall be updated as appropriate

during the term of the permit.

- 4.2.4.4 Non-Stormwater Discharges. The SWPPP shall include measures to identify and eliminate the discharge of process wastewater, domestic wastewater, non-contact cooling water, and other illicit discharges to stormwater systems or to waters of the State. The SWPPP shall identify and ensure the implementation of appropriate pollution prevention measures for non-stormwater component(s) of the discharge allowed by Part 1.6.

The SWPPP shall also include a certification that the discharge has been tested or evaluated for the presence of illicit non-stormwater discharges and that all identified unauthorized discharges have been eliminated. The certification shall include the identification of potential significant sources of non-stormwater at the site, a description of the results of any test or evaluation for the presence of non-stormwater discharges, the evaluation criteria and testing method used, the date of any testing or evaluation, and the on-site drainage points that were directly observed during a test. Certifications shall be signed in accordance with Part 7.8 of this permit. Such certification may not be feasible if the facility operating the stormwater discharge associated with industrial activity does not have access to an outfall, manhole or other point of access to the ultimate conduit which receives the discharge. In such cases, the source identification section of the SWPPP shall indicate why the certification required by this part was not feasible, along with the identification of potential significant sources of non-stormwater at the site.

- 4.2.4.5 Salt Storage. The SWPPP must document the location of any storage piles containing salt used for deicing or other commercial or industrial purposes.

- 4.2.4.6 Sampling Data. A summary of existing discharge sampling data describing pollutants in stormwater discharges from the facility, including a summary of sampling data collected during the term of this permit.

- 4.2.5 Measures and Controls. Each facility covered by this permit shall develop a description of stormwater management controls appropriate for the facility and implement such controls. The appropriateness and priorities of controls in the SWPPP shall reflect identified potential sources of pollutants at the facility. The selection, design, installation, and implementation of these control measures must be in accordance with good engineering practices and manufacturer's specifications. Note that a permittee may deviate from such manufacturer's specifications where justification is provided for such deviation and include documentation of the rationale in the part of the SWPPP that describes the control measures. If control measures are found not to be achieving their intended effect of minimizing pollutant discharges, the control measures must be modified as expeditiously as practicable.

The following should be considered when selecting and designing control measures:

- 4.2.5.1 preventing stormwater from coming into contact with polluting materials is generally more effective, and less costly, than trying to remove pollutants from stormwater;
- 4.2.5.2 using control measures in combination is more effective than using control measures in isolation for minimizing pollutants in stormwater discharges;
- 4.2.5.3 assessing the type and quantity of pollutants, including their potential to impact receiving water quality, is critical to designing effective control measures that will achieve the limits in this permit;
- 4.2.5.4 minimizing impervious areas at the facility and infiltrating runoff onsite (including bioretention cells, green roofs, and pervious pavement, among other approaches) can reduce runoff and improve groundwater recharge and stream base flows in local streams, although care must be taken to avoid ground water contamination;
- 4.2.5.5 attenuating flow using open vegetated swales and natural depressions can reduce in-stream impacts of erosive flows;
- 4.2.5.6 conserving or restoring of riparian buffers will help protect streams from stormwater runoff and

- improve water quality; and
- 4.2.5.7 using treatment interceptors (e.g., swirl separators and sand filters) may be appropriate in some instances to minimize the discharge of pollutants.

For Guidance on potential pollutant sources and controls that should be considered in development of the SWPPP for a specific type of industry, refer to EPA's Multi-Sector General Permit (available online via link at (<http://www.epa.gov/region6/6wq/npdes/sw/industry/index.htm>)). The description of stormwater management controls shall address the following minimum components, including a schedule for implementation.

4.2.6 Schedules and Procedures.

4.2.6.1 Documentation of Control Measures Used to Comply with the Best Management Practices in Part 3. The following must be documented in the SWPPP:

- 4.2.6.1.1 Good Housekeeping (See Part 3.1.2) – A schedule for regular pickup and disposal of waste materials, along with routine inspections for leaks and conditions of drums, tanks and containers;
- 4.2.6.1.2 Maintenance (See Part 3.1.3) – Preventative maintenance procedures, including regular inspections, testing, maintenance, and repair of all industrial equipment and systems, and control measures, to avoid situations that may result in leaks, spills, and other releases, and any back-up practices in place should a runoff event occur while a control measure is off-line;
- 4.2.6.1.3 Spill Prevention and Response Procedures (See Part 3.1.4) – Procedures for preventing and responding to spills and leaks. The procedures may reference the existence of other plans for Spill Prevention Control and Countermeasure (SPCC) developed for the facility under Section 311 of the CWA or BMP programs otherwise required by an NPDES permit for the facility, provided that a copy of that other plan is kept onsite and made available for review consistent with Part 5.3; and
- 4.2.6.1.4 Employee Training (Part 3.1.8) – A schedule for all types of necessary training.

4.2.6.2 Documentation of Monitoring.

- 4.2.6.2.1 The operator must document in the SWPPP the procedures for conducting the analytical monitoring specified by this permit, where applicable to the facility, including:
- 4.2.6.2.1.1 Benchmark monitoring (see Part 3.4);
- 4.2.6.2.1.2 Effluent limitations guidelines monitoring (see Part 3.3); and
- 4.2.6.2.1.3 Other monitoring as required by ADEQ.
- 4.2.6.2.2 For each type of monitoring, the SWPPP must document:
- 4.2.6.2.2.1 Locations where samples are collected, including any determination that two or more outfalls are substantially identical;
- 4.2.6.2.2.2 Parameters for sampling and the frequency of sampling for each parameter;
- 4.2.6.2.2.3 Any numeric control values (benchmarks, effluent limitations guidelines, TMDL-related requirements, or other requirements) applicable to discharges from each outfall; and
- 4.2.6.2.2.4 Procedures (e.g., responsible staff, logistics, laboratory to be used, etc.) for gathering storm event data, as specified in Part 3.8.2.

4.2.6.3 Documentation of Inspections. The operator must document in the SWPPP the procedures for performing, as appropriate, the inspections specified by this permit, including:

- Routine facility inspections (see Part 5.1.1);
- Comprehensive site inspections (see Part 5.1.2).

For each type of inspection performed, the SWPPP must identify:

- 4.2.6.3.1 Person(s) or positions of person(s) responsible for inspection;
 - 4.2.6.3.2 Schedules for conducting inspections; and
 - 4.2.6.3.3 Specific items to be covered by the inspection, including schedules for specific outfalls.
- 4.2.6.4 **Recordkeeping and Internal Reporting Procedures.** A description of incidents such as spills or other discharges, along with other information describing the quality and quantity of stormwater discharges shall be included in the SWPPP required under this part. Inspections, employee training, and maintenance activities performed on control measures that are used in the implementation of the Best Management Practices or to achieve the effluent limits required by this permit shall be documented and records of such activities shall be incorporated into the SWPPP.

4.2.7 Additional Requirements.

- 4.2.7.1 **Documentation of Permit Eligibility Related to the 303 (d) list (Impaired Water Bodies) and Total Maximum Daily Loads (TMDL).** The SWPPP should include information on whether or not the stormwater discharges from the facility enters a water body that is on the most recent 303 (d) list or with an approved TMDL. If the stormwater discharge does enter a water body that is on the most recent 303(d) list or with an approved TMDL, then the SWPPP should address the following items below:
- 4.2.7.1.1 document that the pollutant(s) for which the waterbody is impaired is not present at the facility, and retain documentation of the finding with the SWPPP; or
 - 4.2.7.1.2 incorporate into the SWPPP any additional BMPs needed to prevent to the maximum extent practicable exposure to stormwater of the pollutants for which the waterbody is impaired and to sufficiently protect water quality. Please note that the Department will be reviewing this information. If it is determined that the facility will discharge to an impaired water body, then the Department may require additional requirements.” Or
 - 4.2.7.1.3 identification of measures taken by the facility to ensure that its discharge of pollutants from the site is consistent with the assumptions and allocations of the TMDL; and
 - 4.2.7.1.4 If a specific numeric wasteload allocation has been established that would apply to the facility’s discharges, the operator must incorporate that allocation into its SWPPP and implement necessary steps to meet that allocation and implement necessary steps to meet that allocation. Please note that the Department will be reviewing this information. If it is determined that the facility will discharge to a TMDL, then the Department may require additional BMPs.

If the Department determines during the review process that the facility will be discharging to a receiving water that is on the most recent 303 (d) list or with an approved TMDL, then the Department will notify the applicant to include additional Best Management Practices in the SWPPP.

4.2.7.2 **Direct Discharges into an Extraordinary Resource Water (ERW), Natural and Scenic Waterway (NSW), or Ecologically Sensitive Waterbody (ESW).** The SWPPP should include information on whether or not the stormwater discharges from the facility enters a water body that is listed as an ERW, NSW, or ESW. If the stormwater discharge does enter a waterbody that is listed as an ERW, NSW, or ESW, then the SWPPP should address the following items:

- 4.2.7.2.1 document the name of the listed waterbody and the approximate distance between the outfall and the listed waterbody; and
- 4.2.7.2.2 incorporate into the SWPPP additional BMPs needed to prevent to the maximum extent practicable exposure to stormwater of pollutants that could potentially impact water quality.

If the Department determines during the review process that the facility will be discharging to a receiving water listed as an ERW, NSW, or ESW, then the Department will notify the applicant to include additional Best Management Practices in the SWPPP.

4.2.7.3 **Attainment of Water Quality Standards After Authorization.** The permittee must select, install, implement and maintain BMPs that will minimize or eliminate pollutants in the discharge as necessary to meet applicable water quality standards. At any time after authorization, the Department may determine that the stormwater discharges may cause, have reasonable potential to cause, or contribute to an excursion above any applicable water quality standard. If such a determination is made, the Department will require the permittee to:

- 4.2.7.3.1 Develop a supplemental BMP action plan describing SWPPP modifications to address adequately the identified water quality concerns;
- 4.2.7.3.2 Submit valid and verifiable data and information that are representative of ambient conditions and indicate that the receiving water is attaining water quality standards; or
- 4.2.7.3.3 Cease discharges of pollutants from the facility and submit an individual permit application according to Part 7.21.
- 4.2.7.3.4 All written responses required under this part must include a signed certification consistent with Parts 7.8 and 7.9.

4.2.7.4 **Enhanced/Additional Best Management Practices (BMPs):** The Permittee shall provide a schedule in the SWPPP for implementation of any additional or enhanced BMPs that are necessary because of a notice from ADEQ, facility changes, or self-inspection. Complying with this provision does not limit the potential liability for enforcement action where the Permittee has failed to implement required BMPs or where stormwater discharges violate water quality standards. ADEQ may issue a notice to the Permittee when the SWPPP does not meet one or more of the minimum requirements of the permit or when it is not adequate to ensure compliance with standards. The Permittee shall modify the SWPPP and the BMPs to correct the deficiencies identified in the notice. ADEQ may require additional BMPs where the Permittee exceeds benchmark values for required sampling. The Permittee shall modify the SWPPP whenever there is a change in design, construction, operation or maintenance of any BMP which cause(s) the SWPPP to be less effective in controlling the pollutants.

4.2.8 **Certification.** All SWPPP must contain a certification per Part 6.10 of this permit and must be signed in accordance with the provisions of 40 CFR 122.22, as adopted by reference in APCEC Regulation 6, and Part 7.8 of this permit.

4.3 **Other Pollution Control Plans:** The Permittee may incorporate by reference applicable portions of plans prepared for other purposes at their facility. Plans or portions of plans incorporated into a SWPPP become enforceable requirements of this permit if the other plans are not regulated through other programs and must meet the availability requirements of the SWPPP.

4.4 **SWPPP Availability.** The permittee must retain a copy of the current SWPPP required by this permit at the facility,

and it must be immediately available to ADEQ, the operator of an MS4 receiving discharges from the site; and representatives of the U.S. Fish and Wildlife Service (USFWS) at the time of an onsite inspection or upon request. ADEQ may provide access to portions of a facility's SWPPP to a member of the public upon request.

4.5 SWPPP Updates. The permittee must review the SWPPP when any of the following conditions occur or are detected during an inspection, monitoring, or other means:

- 4.5.1** An unauthorized release or discharge (e.g., spill, leak, or discharge of non-stormwater not authorized by this or another NPDES permit) occurs at the facility
- 4.5.2** A discharge violates a numeric effluent limit
- 4.5.3** Proposed control measures are not stringent enough for the discharge to meet applicable water quality standards
- 4.5.4** A required control measure was never installed, was installed incorrectly, or is not being properly operated or maintained
- 4.5.5** Visual assessments indicate obvious signs of stormwater pollution (e.g., color, odor, floating solids, settled solids, suspended solids, foam)
- 4.5.6** Construction or a change in design, operation, or maintenance at the facility that significantly changes the nature of pollutants discharged in stormwater from your facility, or significantly increases the quantity of pollutants discharged

The permittee's review of the SWPPP is to determine if and where revisions may be needed to eliminate the condition, prevent its reoccurrence, and ensure that effluent limitations are met.

PART 5: EVALUATIONS AND RECORDKEEPING REQUIREMENTS

5.1 Evaluations and Inspections.

- 5.1.1 Visual Site Inspections.** Qualified facility personnel shall be identified to conduct routine facility inspections of all areas of the facility where industrial materials or activities are exposed to stormwater, all stormwater control measures used to comply with this permit, and stormwater outfalls (if accessible) for the presence of floating materials, visible sheen, discoloration, turbidity, odor, etc. Inspections should be performed not less than four (4) times a year.

At least one of the four required inspections must be conducted during a period when a stormwater discharge is occurring.

One inspection shall check for the presence of non-stormwater discharges, such as domestic wastewater, non-contact cooling water, or process wastewater (including leachate), to the stormwater drainage system that are not authorized under this general permit. This shall be done preferably during dry weather, when it is easier to find non-stormwater discharges. If a non-stormwater discharge is discovered, the Permittee shall notify ADEQ and eliminate the illicit discharge within 30 days.

The permittee must document the findings of each visual inspection performed and maintain this documentation onsite with the SWPPP. At a minimum, documentation of each site inspection must include: date of inspection, personnel making the inspection, major observations, and a summary of actions that need to be taken as a result of the inspection.

Inactive and Un-staffed Sites: The requirement to conduct visual site inspections on a quarterly basis does not apply at a facility that is inactive and unstaffed in accordance with Part 3.9.1, as long as there are no industrial materials or activities exposed to stormwater. Such a facility is only required to conduct an annual comprehensive site inspection in accordance with the requirements of Part 5.1.2.

- 5.1.2 Comprehensive Site Compliance Evaluation.** Qualified personnel shall conduct site compliance evaluations at appropriate intervals specified in the SWPPP, in no case less than once per year.

- 5.1.2.1 Areas contributing to a stormwater discharge associated with industrial activity shall be visually inspected for evidence of, or the potential for, pollutants entering the drainage system. Measures to reduce pollutant loadings shall be evaluated to determine whether they are adequate and properly implemented in accordance with the terms of the permit and SWPPP, or whether additional control measures are needed. Structural stormwater management measures, sediment and control measures, and other structural pollution prevention measures identified in the plan shall be observed to ensure that they are properly maintained and operated correctly. A visual inspection of equipment needed to implement the spill response shall be conducted.
- 5.1.2.2 Based on the results of the inspection, the description of potential pollutant sources identified in the SWPPP in accordance with Description of Potential Pollutant Sources of this permit and pollution prevention measures identified in the SWPPP in accordance with Measures and Controls of this permit shall be revised as appropriate within 30 days of such inspection. Implementation of any changes to the SWPPP made shall be performed in a timely manner, but in no case more than 90 days from the inspection.

5.1.2.3 A report summarizing the scope of the inspection, personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of the SWPPP, and actions taken shall be made and retained as part of the SWPPP in accordance with Part 5.2.1. The report shall be signed in accordance with Part 7.8 of this permit.

5.1.2.4 The annual comprehensive site compliance evaluation may also be used as one of the routine inspections, as long as all requirements of both types of inspections are have been fulfilled.

5.2 **Recordkeeping Requirements.**

5.2.1 **Records.** The Permittee shall retain records of all monitoring information, inspection reports, SWPPP, NOI, and any other documentation of compliance with permit requirements for a period of at least three (3) years from the date of termination. Such information shall include all calibration and maintenance records and all original recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Permittee or when requested by ADEQ. The falsification of information submitted to the Department shall constitute a violation of the terms and conditions of this permit. These records can be kept electronically if all permit recordkeeping requirements are met, such as record retention, availability of records, and signatory requirements. If electronic records are kept, information regarding where the records can be accessed must be included in the facility's SWPPP.

5.2.2 **Records Contents.** For each measurement or sample taken, the Permittee shall record the following information: (1) the date, exact place, method, and time of sampling or measurement; (2) the individual who performed the sampling or measurement; (3) the dates the analyses were performed; (4) the individual who performed the analyses; (5) the analytical techniques or methods used; and (6) the results of all analyses.

5.2.3 **Airport Deicing at Primary Airports – Records.** Facilities subject to the Effluent Limitations Guideline for Airport Deicing (40 CFR 449) shall comply with the monitoring, reporting, and recordkeeping requirements in 40 CFR 449.20(a)(1) and (2).

5.2.4 **Stormwater Annual Report (SWAR) Requirements.** The SWAR covers the previous 12 month January – December calendar year and is to be incorporated as part of the SWPPP no later than the 31st day of January of the following year (ie, January 31st, 2015 for year 2014). The first SWAR may include less than 12 months of information. The SWAR form is available on the Department's website: www.adeq.state.ar.us .

The Department's SWAR form must be used and the following information must be included in the SWAR:

- 5.2.4.1 Monitoring results obtained from stormwater sampling, unless waived;
- 5.2.4.2 Justification for why samples were not taken, if applicable (explanation of why there was no discharge, adverse weather conditions, etc.);
- 5.2.4.3 Significant findings from the comprehensive site evaluation and site inspections (including visual monitoring of outfalls);
- 5.2.4.4 A summary of any corrective action plans written under Part 3.12.1, including the status of any corrective actions not yet completed at the time of submittal of the SWAR; and
- 5.2.4.5 The SWAR must be signed in accordance with Part 7.8.

The SWAR is not required to be submitted to the Department, except upon request. The Department will be auditing a percentage of permittees every year to ensure compliance with permit requirements. If requested, the SWAR must be received by the Department within five (5) business days of the request, unless another deadline is specified.

5.2.5 **Additional Monitoring by the Permittee.** If the permittee monitors any pollutant at any outfall more

frequently than required by this permit using test procedures specified in this permit, then the results of this monitoring shall be included in the permittee's SWAR.

PART 6: TOXICITY TESTING

- 6.1 Toxicity Testing Requirements.** The determination as to which facilities will be required to perform toxicity testing will be made on a case-by-case basis based on available information and monitoring data. The permittee will be provided written notice by the Department if toxicity testing is required.
- 6.2 Toxicity Testing Procedure.** Permittees that are required to conduct Whole Effluent Toxicity testing must continue to monitor for acute Whole Effluent Toxicity unless testing is no longer required per the provisions of Part 6.2.3.
- 6.2.1** The permittee shall conduct acute Whole Effluent Toxicity tests on appropriate test organisms in accordance with the provisions in this section. The following tests shall be used:
- 6.2.1.1 Acute 24-hour static toxicity test using *Daphnia pulex*.
 - 6.2.1.2 Acute 24-hour static toxicity test using the fathead minnow (*Pimephales promelas*).
 - 6.2.1.3 All test organisms, procedures and quality assurance criteria used shall be in accordance with Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, EPA600/4-90/027F (August 1993) or the latest update thereof. Tests shall be conducted annually under this general permit. The first test shall be initiated in accordance with the schedule described above. Such tests shall be conducted on a grab sample of the discharge at 100% strength (no dilution). Synthetic (reconstituted) water should be used as control water in all cases, and should be similar to receiving water. (As a general rule, ADEQ advocates using moderately hard water as this approximates most of the water in the State). If 10% or more mortality occurs in the control, the test shall be repeated until the control mortality does not exceed 10%. Results of all tests conducted with any species shall be compiled according to EPA600/4-90/027F, Section 12, Report Preparation, and be retained on-site. Only sections 12.4 (Test Conditions), 12.6 (Quality Assurance) and 12.7 (Results) of the full report shall be submitted to ADEQ on a yearly basis, due by January 31st of the year following the monitoring (ie, due January 31st, 2015 for monitoring year 2014). The permittee shall also complete and submit the ADEQ Toxicity Summary Report Forms. A “passing” test is a test in which there is no statistically significant difference between the control mortality and the effluent mortality. A “failing” test is a test in which there is a statistically significant difference between the control mortality and the effluent mortality. The permittee's report form will report "0" if there is no statistical difference between the control mortality and the effluent mortality, and shall report "1" if a statistical difference exists.
- 6.2.2** If acute Whole Effluent Toxicity (statistically significant difference between the 100% effluent and the control) is detected in stormwater discharges in tests required to be conducted, the permittee shall review the stormwater pollution prevention plan and make appropriate modifications to assist in identifying the source(s) of toxicity and to reduce or eliminate the toxicity of their stormwater discharges. A summary of the review and the resulting modifications shall be documented in the plan.
- 6.2.3** The facility may request in writing for testing for acute Whole Effluent Toxicity to be deleted as a requirement after passing two (2) consecutive annual testing periods. The Department will provide a decision in writing. If a facility has fails two (2) testing periods (annually), quarterly testing for Acute Whole Effluent Toxicity will be required until the facility has passed two consecutive quarterly tests. After two consecutive quarterly periods in which tests on both toxicity test species have passed, the facility shall resume annual testing. If, during the first year of quarterly testing a facility fails all four quarterly testing periods for Acute Whole Effluent Toxicity, the facility will be required to increase monitoring or improve BMPs and obtain an Individual permit.

PART 7: STANDARD PERMIT CONDITIONS

- 7.1 Duty to Comply.** The operator must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the federal Clean Water Act and the Arkansas Water and Air Pollution Control Act and is grounds for: enforcement action; permit termination, revocation and re-issuance, or modification; requiring a permittee to apply for an individual NPDES permit; or denial of a permit renewal application.
- 7.2 Penalties for Violations of Permit Conditions.** The Arkansas Water and Air Pollution Control Act (Ark. Code Ann. § 8-4-101 et seq.) provides that any person who violates any provisions of a permit issued under the Act shall be guilty of a misdemeanor and upon conviction thereof shall be subject to imprisonment for not more than one (1) year, or a criminal penalty of not more than twenty five thousand dollars (\$25,000) or by both such fine and imprisonment for each day of such violation. Any person who violates any provision of a permit issued under the Act may also be subject to civil penalty in such amount as the court shall find appropriate, not to exceed ten thousand dollars (\$10,000) for each day of such violation. The fact that any such violation may constitute a misdemeanor shall not be a bar to the maintenance of such civil action.
- 7.3 Continuance of the Expired General Permit.** An expired general permit, including no exposure certification, continues in force and effect until a new general permit is issued. If this permit is not re-issued or replaced prior to the expiration date, it will be administratively continued in accordance with the Administrative Procedure Act and remain in force and effect. If permit coverage was granted prior to the expiration date, permit coverage is automatically continued until the earliest of:
- 7.3.1 Reissuance or replacement of this permit, at which time the operator must comply with the conditions of the new permit to maintain authorization to discharge and, the operator is required to notify the Department of his/her intent to be covered under this permit by the effective date of the renewal permit; or
 - 7.3.2 Submittal of a Notice of Termination; or
 - 7.3.3 Issuance of an individual permit for the facility's discharges; or
 - 7.3.4 A formal permit decision by the ADEQ to not re-issue this general permit, at which time the facility must seek coverage under an individual NPDES permit or other alternate permits.
- 7.4 Need to Halt or Reduce Activity Not a Defense.** It shall not be a defense for an operator in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- 7.5 Duty to Mitigate.** The operator shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has reasonable likelihood of adversely affecting human health or the environment.
- 7.6 Duty to Provide Information.** The operator shall furnish to the Director, an authorized representative of the Director, the EPA, a State or local agency reviewing sediment and erosion plans, grading plans, or stormwater management plans, or in the case of a stormwater discharge associated with industrial activity which discharges through a municipal separate storm sewer system with an NPDES permit, to the municipal operator of the system, within a reasonable time, any information which is requested to determine compliance with this permit.
- 7.7 Other Information.** When the operator becomes aware that he or she failed to submit any relevant facts or submitted incorrect information in the Notice of Intent or in any other report to the Director, he or she shall promptly submit such facts or information.

7.8 Signatory Requirements. All Notices of Intent, reports, or information submitted to the Director or the operator of a regulated small, medium, or large municipal separate storm sewer system shall be signed and certified. All Notices of Intent shall be signed as follows:

7.8.1 For a corporation: by a responsible corporate officer. For purposes of this section, a responsible corporate officer means:

7.8.1.1 A president, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or

7.8.1.2 The manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to ensure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

7.8.2 For a partnership or sole proprietorship: by a general partner or the proprietor, respectively;

7.8.3 For a municipality, State, Federal or other public agency: By either a principal executive or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes:

7.8.3.1 The chief executive officer of the agency; or

7.8.3.2 A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

7.8.4 All reports required by the permit and other information requested by the Director shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:

7.8.4.1 The authorization is made in writing by a person described above and submitted to the Director;

7.8.4.2 The authorization specifies either an individual or a person having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field, superintendent, or position of equivalent responsibility, or position of equivalent responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position); and

7.8.4.3 Changes to authorization. If an authorization under this Part is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the above requirements must be submitted to the Director prior to or together with any reports, information, or applications to be signed by an authorized representative.

7.9 Certification. Any person signing a document under this section shall make the following certification:

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

7.10 Penalties for Falsification of Reports. The Arkansas Water and Air Pollution Control Act provides that any person who knowingly makes any false statement, representation, or certification in any application, record, report, plan or other document filed or required to be maintained under this permit shall be subject to civil penalties or criminal penalties under the authority of the Arkansas Water and Air Pollution Control Act (Ark. Code Ann. § 8-4-101 et seq.).

7.11 Penalties for Tampering. The Arkansas Water and Air Pollution Control act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under the Act shall be guilty of a misdemeanor and upon conviction thereof shall be subject to imprisonment for not more than one (1) year or a fine of not more than twenty five thousand dollars (\$25,000) or by both such fine and imprisonment.

7.12 Oil and Hazardous Substance Liability. Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the operator from any responsibilities, liabilities, or penalties to which the operator is or may be subject under Section 311 of the Clean Water Act or Section 106 of CERCLA.

7.13 Local, State and Federal Laws. Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable local, state, or federal law or regulation.

7.14 Property Rights. The issuance of this permit does not convey any property rights of any sort or any exclusive privileges, nor does it authorize any injury to private property, any invasion of personal rights, or any infringement of Federal, State, or local laws or regulations.

7.15 Severability. The provisions of this permit are severable. If any provisions of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provisions to other circumstances and the remainder of this permit shall not be affected thereby.

7.16 Transfers. This permit is not transferable to any person except after notice to the Director. A transfer form must be submitted to the ADEQ as required by this permit.

7.17 Proper Operation and Maintenance. The operator shall at all times:

- 7.17.1 Properly operate and maintain all controls (and related appurtenances) which are installed or used by the operator to achieve compliance with the conditions of this permit. This provision requires the operation of backup or auxiliary facilities or similar systems which are installed by an operator only when the operation is necessary to achieve compliance with the conditions of the permit.
- 7.17.2 Provide an adequate operating staff which is duly qualified to carry out operation, inspection, maintenance, and testing functions required to ensure compliance with the conditions of this permit.

7.18 Inspection and Entry. The operator shall allow the Director, the EPA, or an authorized representative, or, in the case of a facility which discharges to a municipal separate storm sewer, an authorized representative of the municipal operator of the separate sewer system receiving the discharge, upon the presentation of credentials and other documents as may be required by law, to:

- 7.18.1 Enter upon the operator's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- 7.18.2 Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- 7.18.3 Inspect at reasonable times any facilities or equipment (including monitoring and control equipment).

7.19 Permit Actions. This permit coverage may be modified, revoked and reissued, or terminated for cause including, but not limited to, the following:

- 7.19.1 Violation of any terms or conditions of this permit;
- 7.19.2 Obtaining this permit by misrepresentation or failure to fully disclose all relevant facts;
- 7.19.3 A change in any conditions that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- 7.19.4 A determination that the permitted activity endangers human health or the environment and can only be regulated to acceptable levels by permit modification or termination; or
- 7.19.5 Failure of the operator to comply with the provisions of ADEQ Regulation No. 9 (Fee Regulation). Failure to promptly remit all required fees shall be grounds for the Director to initiate action to terminate this permit under the provisions of 40 CFR 122.64 and 124.5(d), as adopted by reference in ADEQ Regulation No. 6, and the provisions of ADEQ Regulation No. 8.

7.20 Re-Opener Clause. In accordance with 40 CFR Part 122.62(a)(2), the permit may be modified, or alternatively, revoked and reissued, if new information is received that was not available at the time of permit issuance that would have justified the application of different permit conditions at the time of permit issuance.

7.21 Local Requirements. All dischargers must comply with the lawful requirements of municipalities, counties, drainage districts, and other local agencies regarding any discharges of stormwater to storm drain systems or other water sources under their jurisdiction, including applicable requirements in municipal stormwater management programs developed to comply with the ADEQ permits. Dischargers must comply with local stormwater management requirements, policies, or guidelines including erosion and sediment control.

7.22 Requiring an Individual NPDES Permit or an Alternative General Permit.

- 7.22.1 At the discretion of the Director, he/she may require any operator covered under this general permit to apply for and obtain an individual NPDES permit for reasons that include but are not limited to the following:
 - 7.22.1.1 The discharger is a significant contributor of pollution;
 - 7.22.1.2 The discharger is not in compliance with the conditions of the general permit;
 - 7.22.1.3 Conditions or standards have changed so that the discharger no longer qualifies for a general permit;
 - 7.22.1.4 Discharges into 303(d) listed stream segments is prohibited if the impairment was caused by any of the pollutants listed in the permit; and
 - 7.22.1.5 If the total maximum daily load (TMDL) requirement is more stringent than this permit then permittee shall apply for an individual permit.
- 7.22.2 The operator must be notified in writing that an application for an individual permit is required. When an individual NPDES permit is issued to an owner or operator otherwise covered under this general permit, the applicability of the general permit to that owner or operator automatically terminates upon the effective date of the individual NPDES permit.
- 7.22.3 Any operator covered by this General Permit may request to be excluded from the coverage by applying for an individual NPDES permit.

7.23 Non-compliance Notification. In the event the Permittee is unable to comply with any of the terms and conditions of this permit that could result in the discharge of pollutants in a significant amount, the Permittee shall:

- 7.23.1 Take immediate action to minimize potential contamination or otherwise stop the noncompliance and correct the problem;
- 7.23.2 Immediately notify ADEQ of the failure to comply; and
- 7.23.3 Submit a detailed written report to ADEQ within thirty (30) days unless ADEQ requests an earlier submission.

The report shall contain a description of the noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. Compliance with these requirements does not relieve the Permittee from responsibility to maintain continuous compliance with the terms and conditions of this permit or the resulting liability for failure to comply.

PART 8: DEFINITIONS

- 8.1 "**ADEQ**" or "**Department**" is referencing the Arkansas Department of Environmental Quality. The Department is the governing authority for the National Pollutant Discharge Elimination System program in the state of Arkansas.
- 8.2 "**Arkansas Pollution Control and Ecology Commission**" shall be referred to as APCEC throughout this permit.
- 8.3 "**Best Management Practices (BMPs)**" means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of Waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.
- 8.4 "**Coal Pile Runoff**" means the rainfall runoff from or through any coal storage area.
- 8.5 "**Contaminated**" means the presence of or entry into the MS4, Waters of the State, or Waters of the United States of any substance which may be harmful to the public health or the quality of the water.
- 8.6 "**Control Measure**" as used in this permit, refers to any Best Management Practice or other method used to prevent or reduce the discharge of pollutants to Waters of the State.
- 8.7 "**CWA**" means the Clean Water Act or the Federal Water Pollution Control Act.
- 8.8 "**Director**" means the Director, Arkansas Department of Environmental Quality, or a designated representative.
- 8.9 "**Discharge**" when used without qualification means the "discharge of a pollutant".
- 8.10 "**Eligible**" qualified for authorization to discharge stormwater under this general permit.
- 8.11 "**Impaired Water**" a water body listed in the current, approved Arkansas 303(d) list.
- 8.12 "**Industrial materials or activities**" include, but are not limited to: material handling equipment or activities; industrial machinery; raw materials; industrial production and processes; and intermediate products, by-products, final products, and waste products.
- 8.13 "**Harmful quantity**" means the amount of any substance that will cause pollution of waters in the State, waters of the United States, or that will cause lethal or sub-lethal adverse effects on representative, sensitive aquatic monitoring organisms, upon their exposure to samples of any discharge into waters in the State, Waters of the United States, or the MS4.
- 8.14 "**Land Application Unit**" means an area where wastes are applied onto or incorporated into the soil surface (excluding manure spreading operations) for treatment or disposal.
- 8.15 "**Landfill**" means an area of land or an excavation in which wastes are placed for permanent disposal, and which is not a land application unit, surface impoundment, injection well, or waste pile.
- 8.16 "**Large and Medium Municipal Separate Storm Sewer System**" means all municipal separate storm sewer systems that are either:
- Located in an incorporated place with a population of 100,000 or more as determined by the 1990 Decennial Census by the Bureau of the Census (Appendix F of 40 CFR Part 122.26); or

- b. Located in the counties listed in Appendix H of 40 CFR 122.26, except municipal separate storm sewers that are located in the incorporated places, townships or towns within such counties; or
- c. Owned or operated by a municipality other than those described in paragraph (b)(4) (i) or (ii) of 40 CFR 122.26 and that are designated by the Director as part of the large or medium municipal separate storm sewer system due to the interrelationship between the discharges of the designated storm sewer and the discharges from municipal separate storm sewers described under paragraph (b)(4)(i) or (ii) of 40 CFR 122.26.

8.17 "**Material handling activities**" include, but are not limited to: the storage, loading and unloading, transportation, disposal, or conveyance of any raw material, intermediate product, final product or waste product.

8.18 "**Minimize**" means to reduce or eliminate to the extent achievable using control measures (including Best Management Practices) that are technologically available and economically practicable and achievable in light of best industry practice.

8.19 "**NOI**" means Notice of Intent to be covered by this permit.

8.20 "**NOT**" means Notice of Termination.

8.21 "**Operator**" for the purpose of this permit and in the context of stormwater associated with industrial activity, means any person (an individual, association, partnership, corporation, municipality, state or federal agency) who has the primary management and ultimate decision-making responsibility over the operation of a facility or activity. The operator is responsible for ensuring compliance with all applicable environmental regulations and conditions.

8.22 "**Outfall**" means a point source where stormwater leaves the site.

8.23 "**Permittee**" for the purpose of this permit is any entity which has obtained coverage under the Industrial Stormwater General Permit.

8.24 "**Physically Interconnected**" means that one municipal separate storm sewer system is connected to a second municipal separate storm sewer system in such a way that it allows for direct discharges into the second system.

8.25 "**Point Source**" means any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft from which pollutants are or may be discharged. This term does not include return flows from irrigated agriculture or agricultural stormwater runoff.

8.26 "**Small Municipal Separate Storm Sewer System**" means all municipal separate storm sewer systems that are either:

- a. Owned or operated by the United States, a State, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to State law) having jurisdiction over disposal of sewage, industrial wastes, stormwater, or other wastes, including special districts under State law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under section 208 of the CWA that discharges to Waters of the United States.
- b. Not defined as "large" or "medium" municipal separate storm sewer systems pursuant to paragraphs (b)(4) and (b)(7) 40 CFR 122.26, or designated under paragraph (a)(1)(v) of 40 CFR 122.26.
- c. This term includes systems similar to separate storm sewer systems in municipalities, such as systems at military bases, large hospital or prison complexes, and highways and other thoroughfares. The term does not include separate storm sewers in very discrete areas, such as individual buildings.

- 8.27 "**Runoff Coefficient**" means the fraction of total rainfall that will appear at the conveyance as runoff.
- 8.28 "**Significant Materials**" includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under Section 101(14) of CERCLA; any chemical the facility is required to report pursuant to Section 313 of Title III of SARA; fertilizers; pesticides; and waste products such as ashes, slag and sludge that have the potential to be released with stormwater discharges.
- 8.29 "**Significant Spills**" includes, but is not limited to: releases of oil or hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (see 40 CFR 110.10 and 40 CFR 117.21) or Section 102 of CERCLA (see 40 CFR 302.4).
- 8.30 "**Stormwater**" means stormwater runoff, snow melt runoff, and surface runoff and drainage.
- 8.31 "**Stormwater Associated with Industrial Activity**" means the discharge from any conveyance which is used for collecting and conveying stormwater and which is directly related to manufacturing, processing or raw materials storage areas at an industrial plant. The term does not include discharges from facilities or activities excluded from the NPDES program. For the categories of industries identified in subparagraphs (i) through (xi) of this definition, the term includes, but is not limited to, stormwater discharges from industrial plant yards; immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility; material handling sites; refuse sites; sites used for the application or disposal of process waste waters (as defined at 40 CFR 401); sites used for the storage and maintenance of material handling equipment; sites used for residual treatment, storage, or disposal; shipping and receiving areas; manufacturing buildings; storage areas (including tank farms) for raw materials, and intermediate and finished products; and areas where industrial activity has taken place in the past and significant materials remain and are exposed to stormwater. For the purposes of this paragraph, material handling activities include the storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, finished product, by-product, or waste product. The term excludes areas located on plant lands separate from the plant's industrial activities, such as office buildings and accompanying parking lots as long as the drainage from the excluded areas is not mixed with stormwater drained from the above described, regulated areas. Industrial facilities (including industrial facilities that are Federally, State or municipally owned or operated that meet the description of the facilities listed in paragraphs (i) - (xi)) include those facilities designated under 122.26(a)(1)(v). The following categories of facilities are considered to be engaging in "industrial activity" for purposes of this subsection:
- (i) Facilities subject to stormwater effluent limitations guidelines, new source performance standards, or toxic pollutant effluent standards under 40 CFR Subchapter N (except facilities with toxic pollutant effluent standards which are exempted under category (xi) of this paragraph; "Note that the phrase 'toxic pollutant effluent standards' refers to standards codified at 40 CFR 129 which applies only to manufacturers of 6 specific pesticide products that are defined as toxic pollutants. The phrase does not apply to facilities subject to effluent limitation guidelines for toxics under 40 CFR Subchapter N."
 - (ii) Facilities classified as Standard Industrial Classifications 24 (except 2434), 26 (except 265 and 267), 28 (except 283), 29, 311, 32 (except 323), 33, 3441, 373;
 - (iii) Facilities classified as Standard Industrial Classifications 10 through 14 (mineral industry) including active or inactive mining operations (except for areas of coal mining operations meeting the definition of a reclamation area under 40 CFR 434.11(l)) and oil and gas exploration, production, processing, or treatment operations, or transmission facilities that discharge stormwater contaminated by contact with or that has come into contact with, any overburden, raw material, intermediate products, finished products, by-products, or waste products located on the site of such operations; inactive mining operations are mining sites that are not being actively mined, but which have an identifiable Operator;

- (iv) Hazardous waste treatment, storage, or disposal facilities, including those that are operating under interim status or a permit under Subtitle C of RCRA;
- (v) Landfills, land application sites, and open dumps that have received any industrial wastes (waste that is received from any of the facilities described under this subsection) including those that are subject to Subtitle D of RCRA;
- (vi) Facilities involved in the recycling of materials, including junkyards, battery reclaimers, salvage yards, and automobile junkyards, including but not limited to those classified as Standard Industrial Classification 5015 and 5093;
- (vii) Steam electric power generating facilities, including coal handling sites;
- (viii) Transportation facilities classified as Standard Industrial Classifications 40, 41, 42 (except 4221-4225), 43, 44, 45 and 5171 which have vehicle maintenance shops, equipment cleaning operations, or airport deicing operations. Only those portions of the facility that are either involved in vehicle maintenance (including vehicle rehabilitation, mechanical repairs, painting, fueling, and lubrication), equipment cleaning operations, airport deicing operations, or which are otherwise identified under paragraphs (i) -(vii) or (ix) - (xi) of this subsection are associated with industrial activity;
- (ix) Treatment works treating domestic sewage or any other sewage sludge or wastewater treatment device or system, used in the storage, treatment, recycling, and reclamation of municipal or domestic sewage, including land dedicated to the disposal of sewage sludge that are located within the confines of the facility, with a design flow of 1.0 MGD or more, or required to have an approved pretreatment program under 40 CFR 403. Not included are farm lands, domestic gardens, or lands used for sludge management where sludge is beneficially reused and which are not physically located in the confines of the facility, or areas that are in compliance with 40 CFR 405.
- (x) Construction activity including clearing, grading and excavation, except operations that result in the disturbance of less than five acres of total land area. Construction activity also includes the disturbance of less than five acres of total land area that is a part of a larger common plan of development or sale if the larger common plan will ultimately disturb five acres or more;
- (xi) Facilities under Standard Industrial Classifications 20, 21, 22, 23, 2434, 25, 265, 267, 27, 283, 285, 30, 31 (except 311), 323, 34 (except 3441), 35, 36, 37 (except 373), 38, 39, 4221 -4225.

8.32 "Stormwater Pollution Prevention Plan (SWPPP or SWP3)" a plan that includes site map(s), an identification of facility, activities that could cause pollutants in the stormwater, and a description of measures or practices to control these pollutants (BMPs).

8.33 "Total Maximum Daily Load" or "TMDL" the sum of the individual wasteload allocations (WLAs) for point sources and load allocations (LAs) for non-point sources and natural background. If receiving water has only one point source discharger, the TMDL is the sum of that point source WLA plus the LAs for any non-point sources of pollution and natural background sources, tributaries, or adjacent segments. TMDLs can be expressed in terms of either mass per time, toxicity, or other appropriate measure.

8.34 "Uncontaminated" means that the water will not exceed the water quality standards as set forth in APCEC Regulation 2; also not containing a harmful quantity of any substance.

8.35 "Urbanized Area" means the areas of urban population density delineated by the Bureau of the Census for statistical purposes and generally consisting of the land area comprising one or more central place(s) and the adjacent densely settled surrounding area that together have a residential population of at least 50,000 and an overall population density of at least 1,000 people per square mile as determined by the latest Decennial Census by the

Bureau of Census.

- 8.36 "Waste Pile"** means any non-containerized accumulation of solid, non-flowing waste that is used for treatment or storage.
- 8.37 "10-year, 24-hour Precipitation Event"** means the maximum 24-hour precipitation event with a probable reoccurrence interval of once in 10 years. This information is available in "Weather Bureau Technical Paper No. 40", May 1961 and "NOAA Atlas 2", 1973 for the 11 Western States, and may be obtained from the National Climatic Center of the Environmental Data Service, National Oceanic and Atmospheric Administration, U. S. Department of Commerce.

APPENDIX P

Individual Stormwater Permit AR0047503.

**AUTHORIZATION TO DISCHARGE WASTEWATER UNDER
THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM AND
THE ARKANSAS WATER AND AIR POLLUTION CONTROL ACT**

In accordance with the provisions of the Arkansas Water and Air Pollution Control Act (Ark. Code Ann. 8-4-101 et seq.), and the Clean Water Act (33 U.S.C. § 1251 et seq.),

Idaho Timber of Carthage, LLC

is authorized to discharge wet log storage runoff and stormwater runoff from a facility located as follows: 322 N Oak Street, Carthage, AR 71725, on northeast side of Carthage on AR Hwy 48 approximately 10 miles west of US 167 in Dallas County, Arkansas. The applicant's mailing address is: P.O. Box 37, Carthage, AR 71725.

Latitude: 34° 04' 39.25"; Longitude: 92° 33' 10.11"

to receiving waters named:

an unnamed tributary of Moro Creek, thence to Moro Creek, thence to the Ouachita River in Segment 2D of the Ouachita River Basin.

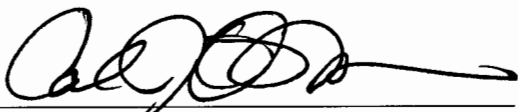
The outfalls are located at the following coordinates:

Outfall 001: Latitude: 34° 04' 31"; Longitude: 92° 33' 09"

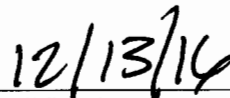
Outfall 002: Latitude: 34° 04' 40"; Longitude: 92° 33' 13"

Discharge shall be in accordance with effluent limitations, monitoring requirements, and other conditions set forth in this permit. Per Part III.D.10, the permittee must re-apply 180 days prior to the expiration date below for permit coverage to continue beyond the expiration date.

Effective Date:	September 1, 2015
Major Modification Effective Date:	January 1, 2017
Expiration Date:	August 31, 2020



Caleb J. Osborne
Associate Director, Office of Water Quality
Arkansas Department of Environmental Quality



Major Modification Issue Date

PART I
PERMIT REQUIREMENTS

SECTION A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS: OUTFALL 001 - wet log storage runoff, *truck wash water*, and stormwater runoff.

During the period beginning on the effective date and lasting until the date of expiration, the permittee is authorized to discharge from Outfall 001. Such discharges shall be limited, monitored, and reported by the permittee as specified below as well as Parts II and III. See Part IV for all definitions and calculations.

<u>Effluent Characteristics</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>	
	Mass (lb/day, unless otherwise specified)		Concentration (mg/l, unless otherwise specified)		Frequency	Sample Type
	Monthly Avg.	Daily Max.	Monthly Avg.	Daily Max.		
Flow ¹	N/A	N/A	Report, MGD	Report, MGD	once/discharge	instantaneous
Chemical Oxygen Demand (COD)	N/A	N/A	50	75	once/discharge	grab
Total Suspended Solids (TSS)	N/A	N/A	35	53	once/discharge	grab
Debris ²	N/A	N/A	N/A	0	once/discharge	visual
Oil and Grease (O&G)	N/A	N/A	10	15	once/discharge	grab
pH	N/A	N/A	<u>Minimum</u> 6.0 s.u.	<u>Maximum</u> 9.0 s.u.	once/discharge	grab

¹ Upon the first discharge, Section V.A of EPA Form 2C shall be completed and resubmitted to the Department. See Condition No. 8 of Part II for more information.

² Report "0" when no debris is present and "1" when debris is present.

There shall be no discharge of distinctly visible solids, scum, or foam of a persistent nature, nor shall there be any formation of slime, bottom deposits, or sludge banks. There shall be no visible sheen as defined in Part IV of this permit.

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge during the entire monitoring period. Samples shall be taken after the sedimentation pond, prior to the receiving stream.

PART I
PERMIT REQUIREMENTS

SECTION A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS: OUTFALL 002 - wet log storage runoff and stormwater runoff.

During the period beginning on the effective date and lasting until the date of expiration, the permittee is authorized to discharge from Outfall 002. Such discharges shall be limited, monitored, and reported by the permittee as specified below as well as Parts II and III. See Part IV for all definitions and calculations.

<u>Effluent Characteristics</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>	
	Mass (lb/day, unless otherwise specified)		Concentration (mg/l, unless otherwise specified)		Frequency	Sample Type
	Monthly Avg.	Daily Max.	Monthly Avg.	Daily Max.		
Flow ¹	N/A	N/A	Report, MGD	Report, MGD	once/discharge	instantaneous
Chemical Oxygen Demand (COD)	N/A	N/A	50	75	once/discharge	grab
Total Suspended Solids (TSS)	N/A	N/A	35	53	once/discharge	grab
Debris ²	N/A	N/A	N/A	0	once/discharge	visual
Oil and Grease (O&G)	N/A	N/A	10	15	once/discharge	grab
pH	N/A	N/A	<u>Minimum</u> 6.0 s.u.	<u>Maximum</u> 9.0 s.u.	once/discharge	grab

¹ Upon the first discharge, Section V.A of EPA Form 2C shall be completed and resubmitted to the Department. See Condition No. 8 of Part II for more information.

² Report "0" when no debris is present and "1" when debris is present.

There shall be no discharge of distinctly visible solids, scum, or foam of a persistent nature, nor shall there be any formation of slime, bottom deposits, or sludge banks. There shall be no visible sheen as defined in Part IV of this permit.

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge during the entire monitoring period. Samples shall be taken after the sedimentation pond, prior to the receiving stream.

SECTION B. PERMIT COMPLIANCE SCHEDULE

None

PART II OTHER CONDITIONS

1. In accordance with 40 CFR Parts 122.62 (a)(2) and 124.5, this permit may be reopened for modification or revocation and/or reissuance to require additional monitoring and/or effluent limitations when new information is received that actual or potential exceedance of State water quality criteria and/or narrative criteria are determined to be the result of the permittee's discharge(s) to a relevant water body or a Total Maximum Daily Load (TMDL) is established or revised for the water body that was not available at the time of the permit issuance that would have justified the application of different permit conditions at the time of permit issuance.

2. Other Specified Monitoring Requirements

The permittee may use alternative appropriate monitoring methods and analytical instruments other than as specified in Part I Section A of the permit without a major permit modification under the following conditions:

- The monitoring and analytical instruments are consistent with accepted scientific practices;
- The requests shall be submitted in writing to the Permits Branch of the Office of Water Quality of the ADEQ for use of the alternate method or instrument.
- The method and/or instrument is in compliance with 40 CFR Part 136 or approved in accordance with 40 CFR Part 136.5; and
- All associated devices are installed, calibrated, and maintained to ensure the accuracy of the measurements and are consistent with the accepted capability of that type of device. The calibration and maintenance shall be performed as part of the permittee's laboratory Quality Assurance/Quality Control (QA/QC) program.

Upon written approval of the alternative monitoring method and/or analytical instruments, these methods or instruments must be consistently utilized throughout the monitoring period. The ADEQ must be notified in writing and the permittee must receive written approval from the ADEQ if the permittee decides to return to the original permit monitoring requirements.

3. Best Management Practices (BMPs), as defined in Part IV.6, must be implemented for the facility to prevent or reduce the pollution of waters of the State from stormwater runoff, spills or leaks, and/or waste disposal. The permittee must amend the BMPs whenever there is a change in the facility or a change in the operation of the facility.
4. Discharge of process wastewater other than wet-deck runoff into waters of the State is prohibited.

5. The permittee is required to maintain adequate storage capacity for a storm event up to 10-year, 24-hour storm event. This capacity must exclude 2.0 feet of freeboard, which must exist above the total volume required for normal operation plus the required storm surge capacity.
6. The term “10-year, 24-hour storm event” means the maximum 24-hour precipitation event with a probable recurrence interval of once in ten years as defined by the National Weather Service and Technical Paper No. 40, “Rainfall Frequency Atlas of the U.S.,” May 1961, or equivalent regional or rainfall probability information developed therefrom.
7. Stormwater runoff comingling with other process wastewater discharged from Outfall 001 shall be managed in accordance with Best Management Practices (BMPs) to control the quality of stormwater discharges associated with industrial activity that are authorized by this permit. Use of BMPs in lieu of numeric effluent limitations in NPDES permits is authorized under 40 CFR 122.44(k) when the Permitting Authority finds numeric effluent limitations to be infeasible to carry out the purposes of the Clean Water Act. All spilled products and other spilled wastes must be immediately cleaned up and properly disposed. The permittee must amend the BMPs whenever there is a change in the facility or a change in the operation of the facility.
8. Upon the first discharge from either or both Outfalls 001 and 002, Section V.A of EPA Form 2C shall be completed and resubmitted to the Department for analysis of the facility’s intake and effluent characteristics. The submittal should include analytical lab results for the pollutants listed: Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Total Organic Carbon (TOC), Total Suspended Solids (TSS), Ammonia (as N), Flow, Temperature, and pH.

PART III STANDARD CONDITIONS

SECTION A – GENERAL CONDITIONS

1. Duty to Comply

The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the federal Clean Water Act and the Arkansas Water and Air Pollution Control Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; and/or for denial of a permit renewal application. **Any values reported in the required Discharge Monitoring Report (DMR) which are in excess of an effluent limitation specified in Part I shall constitute evidence of violation of such effluent limitation and of this permit.**

2. Penalties for Violations of Permit Conditions

The Arkansas Water and Air Pollution Control Act provides that any person who violates any provisions of a permit issued under the Act shall be guilty of a misdemeanor and upon conviction thereof shall be subject to imprisonment for not more than one (1) year, or a fine of not more than twenty-five thousand dollars (\$25,000) or by both such fine and imprisonment for each day of such violation. Any person who violates any provision of a permit issued under the Act may also be subject to civil penalty in such amount as the court shall find appropriate, not to exceed ten thousand dollars (\$10,000) for each day of such violation. The fact that any such violation may constitute a misdemeanor shall not be a bar to the maintenance of such civil action.

3. Permit Actions

This permit may be modified, revoked and reissued, or terminated for cause including, but not limited to the following:

- A. Violation of any terms or conditions of this permit; or
- B. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
- C. A change in any conditions that requires either a temporary or permanent reduction or elimination of the authorized discharge; or
- D. A determination that the permitted activity endangers human health or the environment and can only be regulated to acceptable levels by permit modification or termination.
- E. Failure of the permittee to comply with the provisions of APCEC Regulation No. 9 (Permit fees) as required by Part III.A.11 herein.

The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

4. **Toxic Pollutants**

Notwithstanding Part III.A.3, if any toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under APCEC Regulation No. 2, as amended, or Section 307(a) of the Clean Water Act for a toxic pollutant which is present in the discharge and that standard or prohibition is more stringent than any limitations on the pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standards or prohibition and the permittee so notified.

The permittee shall comply with effluent standards, narrative criteria, or prohibitions established under APCEC Regulation No. 2, as amended, or Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

5. **Civil and Criminal Liability**

Except as provided in permit conditions for “Bypass of Treatment Facilities” (Part III.B.4), and “Upset” (Part III.B.5), nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance. Any false or materially misleading representation or concealment of information required to be reported by the provisions of this permit or applicable state and federal statutes or regulations which defeats the regulatory purposes of the permit may subject the permittee to criminal enforcement pursuant to the Arkansas Water and Air Pollution Control Act (Ark. Code Ann. § 8-4-101 et seq.).

6. **Oil and Hazardous Substance Liability**

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject to under Section 311 of the Clean Water Act.

7. **State Laws**

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Clean Water Act.

8. **Property Rights**

The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations.

9. Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provisions of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

10. Applicable Federal, State or Local Requirements

Permittees are responsible for compliance with all applicable terms and conditions of this permit. Receipt of this permit does not relieve any operator of the responsibility to comply with any other applicable federal such as endangered species, state or local statute, ordinance or regulation.

11. Permit Fees

The permittee shall comply with all applicable permit fee requirements (i.e., including annual permit fees following the initial permit fee that will be invoiced every year the permit is active) for wastewater discharge permits as described in APCEC Regulation No. 9 (Regulation for the Fee System for Environmental Permits). Failure to promptly remit all required fees shall be grounds for the Director to initiate action to terminate this permit under the provisions of 40 CFR Parts 122.64 and 124.5(d), as adopted in APCEC Regulation No. 6 and the provisions of APCEC Regulation No. 8.

SECTION B – OPERATION AND MAINTENANCE OF POLLUTION CONTROLS**1. Proper Operation and Maintenance**

- A. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.
- B. The permittee shall provide an adequate operating staff which is duly qualified to carryout operation, maintenance, and testing functions required to insure compliance with the conditions of this permit.

2. Need to Halt or Reduce not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. Upon reduction, loss, or failure of the treatment facility, the permittee shall, to the extent necessary to maintain compliance with its permit, control

production or discharges or both until the facility is restored or an alternative method of treatment is provided. This requirement applies, for example, when the primary source of power for the treatment facility is reduced, is lost, or alternate power supply fails.

3. **Duty to Mitigate**

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment or the water receiving the discharge.

4. **Bypass of Treatment Facilities**

A. Bypass not exceeding limitation

The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Parts III.B.4.B and 4.C.

B. Notice

1. Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass.
2. Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required in Part III.D.6 (24-hour notice).

C. Prohibition of bypass

1. Bypass is prohibited and the Director may take enforcement action against a permittee for bypass, unless:
 - (a) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
 - (b) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if the permittee could have installed adequate backup equipment to prevent a bypass which occurred during normal or preventive maintenance; and
 - (c) The permittee submitted notices as required by Part III.B.4.B.
2. The Director may approve an anticipated bypass, after considering its adverse effects, if the Director determines that it will meet the three conditions listed above in Part III.B.4.C(1).

5. **Upset Conditions**

- A. Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the requirements of Part III.B.5.B of this section are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
- B. Conditions necessary for demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - 1. An upset occurred and that the permittee can identify the specific cause(s) of the upset;
 - 2. The permitted facility was at the time being properly operated.
 - 3. The permittee submitted notice of the upset as required by Part III.D.6; and
 - 4. The permittee complied with any remedial measures required by Part III.B.3.
- C. Burden of proof. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.

6. **Removed Substances**

- A. Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in a manner such as to prevent any pollutant from such materials from entering waters of the State. The Permittee must comply with all applicable state and Federal regulations governing the disposal of sludge, including but not limited to 40 CFR Part 503, 40 CFR Part 257, and 40 CFR Part 258.
- B. Any changes to the permittee's disposal practices described in Part II of the permit will require at least 180 days prior notice to the Director to allow time for additional permitting. Please note that the 180 day notification requirement may be waived if additional permitting is not required for the change.

7. **Power Failure**

The permittee is responsible for maintaining adequate safeguards to prevent the discharge of untreated or inadequately treated wastes during electrical power failure either by means of alternate power sources, standby generators, or retention of inadequately treated effluent.

SECTION C – MONITORING AND RECORDS

1. **Representative Sampling**

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge during the entire monitoring period. All samples shall be taken at the monitoring points specified in this permit and, unless otherwise specified, before the effluent joins or is diluted by any other waste stream, body of water, or substance. Monitoring points shall not be changed without notification to and the approval of the Director. Intermittent discharge shall be monitored.

2. **Flow Measurement**

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to insure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated, and maintained to insure the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than +/- 10% from true discharge rates throughout the range of expected discharge volumes and shall be installed at the monitoring point of the discharge.

Calculated Flow Measurement

For calculated flow measurements that are performed in accordance with either the permit requirements or a Department approved method (i.e., as allowed under Part II.3), the +/- 10% accuracy requirement described above is waived. This waiver is only applicable when the method used for calculation of the flow has been reviewed and approved by the Department.

3. **Monitoring Procedures**

Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals frequent enough to insure accuracy of measurements and shall insure that both calibration and maintenance activities will be conducted. An adequate analytical quality control program, including the analysis of sufficient standards, spikes, and duplicate samples to insure the accuracy of all required analytical results shall be maintained by the permittee or designated commercial laboratory. At a minimum, spikes and duplicate samples are to be analyzed on 10% of the samples.

4. **Penalties for Tampering**

The Arkansas Water and Air Pollution Control Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate, any monitoring device or method required to be maintained under the Act shall be guilty of a misdemeanor and upon conviction thereof shall be subject to imprisonment for not more than one (1) year or a fine of not more than ten thousand dollars (\$10,000) or by both such fine and imprisonment.

5. **Reporting of Monitoring Results**

Monitoring results must be reported on a Discharge Monitoring Report (DMR) form provided by the Department or other form/method approved in writing by the Department (e.g., electronic submittal of DMR once approved). Monitoring results obtained during the previous monitoring period shall be summarized and reported on a DMR form postmarked no later than the 25th day of the month or submitted electronically by 6:00 p.m. of the 25th, following the completed reporting period beginning on the effective date of the permit. When mailing the DMRs, duplicate copies of the forms signed and certified as required by Part III.D.11 and all other reports required by Part III.D, shall be submitted to the Director at the following address:

Enforcement Branch
Office of Water Quality
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

If permittee uses outside laboratory facilities for sampling and/or analysis, the name and address of the contract laboratory shall be included on the DMR.

6. **Additional Monitoring by the Permittee**

If the permittee monitors any pollutant more frequently than required by this permit, using test procedures approved under 40 CFR Part 136 or as specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR. Such increased frequency shall also be indicated on the DMR.

7. **Retention of Records**

The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit for a period of at least 3 years from the date of the sample, measurement, report, or application. This period may be extended by request of the Director at any time.

8. **Record Contents**

Records and monitoring information shall include:

- A. The date, exact place, time and methods of sampling or measurements, and preservatives used, if any;
- B. The individuals(s) who performed the sampling or measurements;
- C. The date(s) and time analyses were performed;
- D. The individual(s) who performed the analyses;
- E. The analytical techniques or methods used; and
- F. The measurements and results of such analyses.

9. **Inspection and Entry**

The permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

- A. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- B. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- C. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit, and
- D. Sample, inspect, or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location.

SECTION D – REPORTING REQUIREMENTS

1. **Planned Changes**

The Permittee shall give notice to the Director as soon as possible but no later than 180 days prior to any planned physical alterations or additions to the permitted facility [40 CFR 122.41(l)]. Notice is required only when:

- A. The alteration or addition to a permitted facility may meet one of the criteria for new sources at 40 CFR 122.29(b); or
- B. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants subject to effluent limitations in the permit, or to the notification requirements under 40 CFR 122.42(b).

2. **Anticipated Noncompliance**

The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

3. **Transfers**

The permit is nontransferable to any person except after notice to the Director. The Director may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the Act.

4. **Monitoring Reports**

Monitoring results shall be reported at the intervals and in the form specified in Part III.C.5. **Discharge Monitoring Reports must be submitted even when no discharge occurs during the reporting period.**

5. **Compliance Schedule**

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date. Any reports of noncompliance shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

6. **Twenty-four Hour Report**

A. The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain the following information:

1. A description of the noncompliance and its cause;
2. The period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and
3. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

B. The following shall be included as information which must be reported within 24 hours:

1. Any unanticipated bypass which exceeds any effluent limitation in the permit;
2. Any upset which exceeds any effluent limitation in the permit and
3. Violation of a maximum daily discharge limitation for any of the pollutants listed by the Director in Part I of the permit to be reported within 24 hours to the Enforcement Branch of the Office of Water Quality of the ADEQ.

C. The Director may waive the written report on a case-by-case basis if the oral report has been received within 24 hours to the Enforcement Branch of the Office of Water Quality of the ADEQ.

7. **Other Noncompliance**

The permittee shall report all instances of noncompliance not reported under Parts III.D.4, 5, and 6, at the time monitoring reports are submitted. The reports shall contain the information listed at Part III.D.6.

8. **Changes in Discharge of Toxic Substances for Industrial Dischargers**

The permittee shall notify the Director as soon as he/she knows or has reason to believe:

- A. That any activity has occurred or will occur which would result in the discharge on a routine or frequent basis of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the “notification levels” described in 40 CFR Part 122.42(a)(1); or

- B. That any activity has occurred or will occur which would result in any discharge on a non-routine or infrequent basis of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the “notification levels” described in 40 CFR Part 122.42(a)(2).

9. Duty to Provide Information

The permittee shall furnish to the Director, within a reasonable time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit. Information shall be submitted in the form, manner and time frame requested by the Director.

10. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. The complete application shall be submitted at least 180 days before the expiration date of this permit. The Director may grant permission to submit an application less than 180 days in advance but no later than the permit expiration date. Continuation of expiring permits shall be governed by regulations promulgated in APCEC Regulation No. 6.

11. Signatory Requirements

All applications, reports, or information submitted to the Director shall be signed and certified as follows:

A. All **permit applications** shall be signed as follows:

1. For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means:
 - (a) A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or
 - (b) The manager of one or more manufacturing, production, or operation facilities, provided: the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

2. For a partnership or sole proprietorship: by a general partner or proprietor, respectively; or
 3. For a municipality, State, Federal, or other public agency, by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes:
 - (a) The chief executive officer of the agency, or
 - (b) A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.
- B. All **reports** required by the permit and **other information** requested by the Director shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
1. The authorization is made in writing by a person described above.
 2. The authorization specified either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field, superintendent, or position of equivalent responsibility. (A duly authorized representative may thus be either a named individual or any individual occupying a named position); and
 3. The written authorization is submitted to the Director.
- C. Certification. Any person signing a document under this section shall make the following certification:
- “I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

12. **Availability of Reports**

Except for data determined to be confidential under 40 CFR Part 2 and APCEC Regulation No. 6, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Department of Environmental Quality. As required by the Regulations, the name and address of any permit applicant or permittee, permit applications, permits, and effluent data shall not be considered confidential.

13. Penalties for Falsification of Reports

The Arkansas Air and Water Pollution Control Act provides that any person who knowingly makes any false statement, representation, or certification in any application, record, report, plan, or other document filed or required to be maintained under this permit shall be subject to civil penalties specified in Part III.A.2 and/or criminal penalties under the authority of the Arkansas Water and Air Pollution Control Act (Ark. Code Ann. § 8-4-101 et seq.).

PART IV DEFINITIONS

All definitions contained in Section 502 of the Clean Water Act and 40 CFR 122.2 shall apply to this permit and are incorporated herein by reference. Additional definitions of words or phrases used in this permit are as follows:

1. **“Act”** means the Clean Water Act, Public Law 95-217 (33.U.S.C. 1251 et seq.) as amended.
2. **“Administrator”** means the Administrator of the U.S. Environmental Protection Agency.
3. **“APCEC”** means the Arkansas Pollution Control and Ecology Commission.
4. **“Applicable effluent standards and limitations”** means all State and Federal effluent standards and limitations to which a discharge is subject under the Act, including, but not limited to, effluent limitations, standards of performance, toxic effluent standards and prohibitions, and pretreatment standards.
5. **“Applicable water quality standards”** means all water quality standards to which a discharge is subject under the federal Clean Water Act and which has been (a) approved or permitted to remain in effect by the Administrator following submission to the Administrator pursuant to Section 303(a) of the Act, or (b) promulgated by the Director pursuant to Section 303(b) or 303(c) of the Act, and standards promulgated under (APCEC) Regulation No. 2, as amended.
6. **“Best Management Practices (BMPs)”** are activities, practices, maintenance procedures, and other management practices designed to prevent or reduce the pollution of waters of the State. BMPs also include treatment technologies, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw sewage. BMPs may include structural devices or nonstructural practices.
7. **“Bypass”** as defined at 40 CFR 122.41(m).
8. **“Composite sample”** is a mixture of grab samples collected at the same sampling point at different times, formed either by continuous sampling or by mixing a minimum of 4 effluent portions collected at equal time intervals (but not closer than one hour apart) during operational hours, within the 24-hour period, and combined proportional to flow or a sample collected at more frequent intervals proportional to flow over the 24-hour period.
9. **“Daily Discharge”** means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling.
 - A. **Mass Calculations:** For pollutants with limitations expressed in terms of mass, the “daily discharge” is calculated as the total mass of pollutant discharged over the sampling day.
 - B. **Concentration Calculations:** For pollutants with limitations expressed in other units of measurement, the “daily discharge” is calculated as the average measurement of the pollutant over the day.
10. **“Daily Maximum”** discharge limitation means the highest allowable “daily discharge” during the calendar month. The 7-day average for Fecal Coliform Bacteria (FCB) or *E. coli* is the geometric mean of the values of all effluent samples collected during the calendar week in colonies per 100 ml.
11. **“Department”** means the Arkansas Department of Environmental Quality (ADEQ).
12. **“Director”** means the Director of the Arkansas Department of Environmental Quality.

13. **“Dissolved oxygen limit”** shall be defined as follows:
 - A. When limited in the permit as a minimum monthly average, shall mean the lowest acceptable monthly average value, determined by averaging all samples taken during the calendar month;
 - B. When limited in the permit as an instantaneous minimum value, shall mean that no value measured during the reporting period may fall below the stated value.
14. **“*E. coli*”** a sample consists of one effluent grab portion collected during a 24-hour period at peak loads. For *E. coli*, report the monthly average as a 30-day geometric mean in colonies per 100 ml.
15. **“Fecal Coliform Bacteria (FCB)”** a sample consists of one effluent grab portion collected during a 24-hour period at peak loads. For Fecal Coliform Bacteria (FCB) report the monthly average as a 30-day geometric mean in colonies per 100 ml.
16. **“Grab sample”** means an individual sample collected in less than 15 minutes in conjunction with an instantaneous flow measurement.
17. **“Industrial User”** means a nondomestic discharger, as identified in 40 CFR Part 403, introducing pollutants to a POTW.
18. **“Instantaneous flow measurement”** means the flow measured during the minimum time required for the flow-measuring device or method to produce a result in that instance. To the extent practical, instantaneous flow measurements coincide with the collection of any grab samples required for the same sampling period so that together the samples and flow are representative of the discharge during that sampling period.
19. **“Instantaneous Maximum”** when limited in the permit as an instantaneous maximum value, shall mean that no value measured during the reporting period may fall above the stated value.
20. **“Instantaneous Minimum”** an instantaneous minimum value, shall mean that no value measured during the reporting period may fall below the stated value.
21. **“Monthly Average”** means the highest allowable average of “daily discharges” over a calendar month, calculated as the sum of all “daily discharges” measured during a calendar month divided by the number of “daily discharges” measured during that month. For Fecal Coliform Bacteria (FCB) or *E. coli*, report the monthly average.
22. **Monitoring and Reporting:**

When a permit becomes effective, monitoring requirements are of the immediate period of the permit effective date. Where the monitoring requirement for an effluent characteristic is monthly or more frequently, the Discharge Monitoring Report (DMR) shall be submitted by the 25th of the month following the sampling. Where the monitoring requirement for an effluent characteristic is Quarterly, Semi-Annual, Annual, or Yearly, the DMR shall be submitted by the 25th of the month following the monitoring period end date.

 - A. **MONTHLY:**

is defined as a calendar month or any portion of a calendar month for monitoring requirement frequency of once/month or more frequently.
 - B. **BI-MONTHLY:**

is defined as two (2) calendar months or any portion of 2 calendar months for monitoring requirement frequency of once/2 months or more frequently.
 - C. **QUARTERLY:**
 1. is defined as a **fixed calendar quarter** or any part of the fixed calendar quarter for a non-seasonal effluent characteristic with a measurement frequency of once/quarter.

Fixed calendar quarters are: January through March, April through June, July through September, and October through December; or

2. is defined as a **fixed three month period** (or any part of the fixed three month period) of or dependent upon the seasons specified in the permit for a seasonal effluent characteristic with a monitoring requirement frequency of once/quarter that does not coincide with the fixed calendar quarter. Seasonal calendar quarters are: May through July, August through October, November through January, and February through April.

D. SEMI-ANNUAL:

is defined as the fixed time periods January through June, and July through December (or any portion thereof) for an effluent characteristic with a measurement frequency of once/6 months or twice/year.

E. ANNUAL or YEARLY:

is defined as a fixed calendar year or any portion of the fixed calendar year for an effluent characteristic or parameter with a measurement frequency of once/year. A calendar year is January through December, or any portion thereof.

23. **“National Pollutant Discharge Elimination System”** means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements under Sections 307, 402, 318, and 405 of the Clean Water Act.
24. **“POTW”** means a Publicly Owned Treatment Works.
25. **Reduction of CBOD₅/BOD₅ and TSS in mg/l Formula:**
$$((\text{Influent} - \text{Effluent}) / \text{Influent}) \times 100$$
26. **“Severe property damage”** means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in products.
27. **“Sewage sludge”** means the solids, residues, and precipitate separated from or created in sewage by the unit processes at a POTW. Sewage as used in this definition means any wastes, including wastes from humans, households, commercial establishments, industries, and stormwater runoff that are discharged to or otherwise enter a POTW.
28. **“7-day Average”** also known as “average weekly,” means the highest allowable average of “daily discharges” over a calendar week, calculated as the sum of all “daily discharges” measured during a calendar week divided by the number of “daily discharges” measured during that week.
29. **“Treatment works”** means any devices and systems used in storage, treatment, recycling, and reclamation of municipal sewage and industrial wastes, of a liquid nature to implement section 201 of the Act, or necessary to recycle reuse water at the most economic cost over the estimated life of the works, including intercepting sewers, sewage collection systems, pumping, power and other equipment, and alterations thereof; elements essential to provide a reliable recycled supply such as standby treatment units and clear well facilities, and any works, including site acquisition of the land that will be an integral part of the treatment process or is used for ultimate disposal of residues resulting from such treatment.
30. **Units of Measure:**
“MGD” shall mean million gallons per day.
“mg/l” shall mean milligrams per liter or parts per million (ppm).

“µg/l” shall mean micrograms per liter or parts per billion (ppb).

“cfs” shall mean cubic feet per second.

“ppm” shall mean parts per million.

“s.u.” shall mean standard units.

31. **“Upset”** means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. Any upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, lack of preventive maintenance, or careless of improper operations.
32. **“Visible sheen”** means the presence of a film or sheen upon or a discoloration of the surface of the discharge. A sheen can also be from a thin glistening layer of oil on the surface of the discharge.
33. **“Weekday”** means Monday – Friday.

Final Statement of Basis

All changes to this Statement of Basis based upon the application to modify the permit are italicized.

This is a modified permit. Only the modified portions of the permit are open for comment at this time. This Statement of Basis is for information and justification of the permit limits only. Please note that it is not enforceable. This permitting decision is for *modification* of the discharge Permit Number AR0047503 with Arkansas Department of Environmental Quality (ADEQ) Facility Identification Number (AFIN) 20-00017 to discharge to waters of the State.

1. PERMITTING AUTHORITY

The issuing office is:

Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317

2. APPLICANT

The applicant's mailing address is:

Idaho Timber of Carthage, LLC
P.O. Box 37
Carthage, AR 71725

The facility address is:

Idaho Timber of Carthage, LLC
322 N. Oak Street
Carthage, AR 71725

3. PREPARED BY

The permit was prepared by:

Adam Yates
Staff Engineer
NPDES Permits Section
Office of Water Quality
(501) 682-0617
E-mail: yates@adeq.state.ar.us

Bryan Leamons, P.E.
Engineer Supervisor
NPDES Permits Section
Office of Water Quality
(501) 683-5406
E-mail: leamons@adeq.state.ar.us

4. PERMIT ACTIVITY

Previous Permit Effective Date: April 1, 2010
Previous Permit Expiration Date: March 31, 2015

THIS IS A MODIFIED PERMIT. IN ACCORDANCE WITH 40 CFR 122.62, ONLY THE CONDITIONS SUBJECT TO MODIFICATION ARE REOPENED.

The permittee submitted an application to modify the permit on January 15, 2016, with additional information received on January 21, 2016. The current discharge permit is being modified for the remainder of the 5-year term in accordance with regulations promulgated at 40 CFR Part 122.46(a).

DOCUMENT ABBREVIATIONS

In the document that follows, various abbreviations are used. They are as follows:

BAT - best available technology economically achievable
BCT - best conventional pollutant control technology
BMP - best management practice
BOD₅ - five-day biochemical oxygen demand
BPJ - best professional judgment
BPT - best practicable control technology currently available
CBOD₅ - carbonaceous biochemical oxygen demand
CD - critical dilution
CFR - Code of Federal Regulations
cfs - cubic feet per second
COD - chemical oxygen demand
COE - United States Corp of Engineers
CPP - continuing planning process
CWA - Clean Water Act
DMR - discharge monitoring report
DO - dissolved oxygen
ELG - effluent limitation guidelines
EPA - United States Environmental Protection Agency
ESA - Endangered Species Act
FCB - fecal coliform bacteria
gpm - gallons per minute
MGD - million gallons per day
MQL - minimum quantification level
NAICS - North American Industry Classification System
NH₃-N - ammonia nitrogen
NO₃ + NO₂-N - nitrate + nitrite nitrogen
NPDES - National Pollutant Discharge Elimination System
O&G - oil and grease
Reg. 2 - APCEC Regulation No. 2

Reg. 6 - APCEC Regulation No. 6
Reg. 8 - APCEC Regulation No. 8
Reg. 9 - APCEC Regulation No. 9
RP - reasonable potential
SIC - standard industrial classification
TDS - total dissolved solids
TMDL - total maximum daily load
TP - total phosphorus
TRC - total residual chlorine
TSS - total suspended solids
UAA - use attainability analysis
USF&WS - United States Fish and Wildlife Service
USGS - United States Geological Survey
WET - whole effluent toxicity
WQMP - water quality management plan
WQS - Water Quality standards
WWTP - wastewater treatment plant

Compliance and Enforcement History:

Compliance and Enforcement History for this facility can be reviewed by using the following web link:

http://www.adeg.state.ar.us/ftpoot/Pub/WebDatabases/PermitsOnline/NPDES/PermitInformation/AR0047503_Enforcement%20Compliance%20Review%20for%20Modification_20160318.pdf

5. SIGNIFICANT CHANGES FROM THE PREVIOUSLY ISSUED PERMIT

The permittee is responsible for carefully reading the permit in detail and becoming familiar with all of the changes therein:

1. Condition No. 1 in Part II of the previous permit has been removed. According to ADEQ Memo on Operator Licensing Requirements dated November 29, 2010, a licensed wastewater operator is not required for this facility because it does not meet the definition of a “wastewater treatment plant” as defined in APCEC Reg. 3.103.
2. Condition No. 7 in Part II of the previous permit was fulfilled by the permittee’s acquisition of stormwater permit coverage under NPDES General Permit Tracking No. ARR001197.
3. Condition No. 8 in Part II of the previous permit was removed since the permittee obtained stormwater permit coverage.
4. Condition No. 8 in Part II of the final permit has been added to require the submittal of Section V.A of EPA Form 2C upon the first discharge. See Section 11.A of this Statement of Basis for further information.

5. *In Part IA of the permit, truck wash water has been added to the effluent description for Outfall 001. This change has also been incorporated into Section 8.C of the Statement of Basis.*
6. *Section 8.B of the Statement of Basis has been revised to reflect the addition of a truck wash station to the treatment system draining to Outfall 001.*

6. RECEIVING STREAM SEGMENT AND DISCHARGE LOCATION

The outfalls are located at the following coordinates based on Google Earth using WGS84:

Outfall 001: Latitude: 34° 04' 31"; Longitude: 92° 33' 09"

Outfall 002: Latitude: 34° 04' 40"; Longitude: 92° 33' 13"

The receiving waters named:

an unnamed tributary of Moro Creek, thence to Moro Creek, thence to the Ouachita River in Segment 2D of the Ouachita River Basin. The receiving stream with USGS Hydrologic Unit Code (H.U.C) of 8040201 and reach # 901 is a water of the State classified for secondary contact recreation, raw water source for domestic (public and private), industrial, and agricultural water supplies, propagation of desirable species of fish and other aquatic life, and other compatible uses.

7. 303(d) LIST, ENDANGERED SPECIES, AND ANTI-DEGRADATION CONSIDERATIONS

A. 303(d) List

Moro Creek is listed on the 2008 303(d) list for siltation/turbidity (Category 5a for waters that are truly impaired). A TMDL has been finalized. See Section 11.E of this Statement of Basis for further details.

Moro Creek is also listed on the 2008 303(d) list for Copper, Lead, and Zinc (Category 5d for waters that need data verification to confirm use impairment before a TMDL or other corrective action is scheduled). This facility does not contribute to the impairment because it has not discharged in the previous permit term. Therefore, no further permit action is required at this time.

B. Endangered Species

No comments on the application were received from the U.S. Fish and Wildlife Service (USF&WS). The draft permit *modification* and Statement of Basis *were* sent to the USF&WS for their review.

C. Anti-Degradation

The limitations and requirements set forth in this permit for discharge into waters of the State are consistent with the Anti-degradation Policy and all other applicable water quality standards found in APCEC Regulation No. 2.

8. OUTFALL, TREATMENT PROCESS DESCRIPTION, AND FACILITY CONSTRUCTION

The following is a description of the facility described in the application:

A. Average Flow: Variable. It should be noted that no discharge has occurred over the last five (5) years, but the sedimentation ponds each maintain capacity for a 10-year, 24-hour storm event.

B. Type of Treatment:

Outfall 001
truck washing station and sedimentation pond

Outfall 002
sedimentation pond

C. Discharge Description:

Outfall 001
wet log storage runoff, *truck wash water*, and stormwater runoff

Outfall 002
wet log storage runoff and stormwater runoff

D. Facility Status: This facility was evaluated using the NPDES Permit Rating Worksheet (MRAT) to determine the correct permitting status. Since the facility's MRAT score is less than 80, this facility is classified as a Minor industrial.

E. Facility Construction: This permit does not authorize or approve the construction or modification of any part of the treatment system or facilities. Approval for such construction must be by permit issued under Reg. 6.202.

9. ACTIVITY

Under the Standard Industrial Classification (SIC) code of 2421 or North American Industry Classification System (NAICS) code of 321113, the applicant's activities are the operation of southern pine lumber mill.

10. SOLIDS PRACTICES

Solids will accumulate in the bottom of the ponds. Solids disposal, if any, will require prior authorization from this Department and shall be conducted in accordance with the conditions in Part III Section B.6 of the permit.

11. DEVELOPMENT AND BASIS FOR PERMIT CONDITIONS

The Arkansas Department of Environmental Quality has made a determination to issue a permit for the discharge described in the application. Permit requirements are based on federal regulations (40 CFR Parts 122, 124, and Subchapter N), the National Pretreatment Regulation in 40 CFR Part 403 and regulations promulgated pursuant to the Arkansas Water and Air Pollution Control Act (Ark. Code Ann. 8-4-101 et seq.). All of the information contained in the application, including all of the submitted effluent testing data, was reviewed to determine the need for effluent limits and other permit requirements.

The following is an explanation of the derivation of the conditions of the permit and the reasons for them or, in the case of notices of intent to deny or terminate, reasons suggesting the decisions as required under 40 CFR Part 124.7.

Technology-Based Versus Water Quality-Based Effluent Limitations and Conditions

Following regulations promulgated at 40 CFR Part 122.44, the permit limits are based on either technology-based effluent limits pursuant to 40 CFR Part 122.44 (a) or on State water quality standards and requirements pursuant to 40 CFR Part 122.44 (d), whichever are more stringent as follows:

Parameter	Water Quality-Based		Technology-Based		Previous Permit		Final Permit	
	Monthly Avg. mg/l	Daily Max. mg/l	Monthly Avg. mg/l	Daily Max. mg/l	Monthly Avg. mg/l	Daily Max. mg/l	Monthly Avg. mg/l	Daily Max. mg/l
COD	N/A	N/A	50	75	50	75	50	75
TSS	N/A	N/A	35	53	35	53	35	53
Debris	N/A	0	N/A	< 1"	N/A	0	N/A	0
O&G	10	15	N/A	N/A	10	15	10	15
pH	6.0-9.0 s.u.		6.0-9.0 s.u.		6.0-9.0 s.u.		6.0-9.0 s.u.	

A. Justification for Limitations and Conditions of the Final Permit:

Parameter	Water Quality or Technology	Justification
COD	Technology	40 CFR 122.44(l), and Previous Permit
TSS	Technology	40 CFR 122.44(l), and Previous Permit
Debris	Water Quality	Reg. 2.408, CWA 402(o), and Previous Permit
O&G	Water Quality	Reg. 2.510, CWA 402(o), and Previous Permit
pH	Water Quality	Reg. 2.504, CWA 402(o), and Previous Permit

In Part II of the final permit, Condition No. 8 has been included to require the submittal of Section V.A of EPA Form 2C upon the first discharge from the facility. This has been included because no analytical lab results were provided with the renewal application due to no discharge during the previous permit term.

It should be noted that no effluent limits are being changed with this renewal cycle.

B. Anti-backsliding

The permit is consistent with the requirements to meet Anti-backsliding provisions of the Clean Water Act (CWA), Section 402(o) [40 CFR 122.44(l)]. The final effluent limitations for reissuance permits must be as stringent as those in the previous permit, unless the less stringent limitations can be justified using exceptions listed in CWA 402(o)(2), CWA 303(d)(4), or 40 CFR 122.44 (l)(2)(i).

The permit meets or exceeds the requirements of the previous permit.

C. Limits Calculations

1. Mass Limits:

Mass limits are not imposed on this facility due to the variability of the flow. The runoff through the system depends more on meteorological conditions than the operations of the sawmill.

2. Daily Maximum Limits:

The daily maximum limits for COD and TSS are based on Section 5.4.2 of the Technical Support Document for Water Quality-Based Toxics Control.

Daily Maximum limits = Monthly average limits $\times$ 1.5

The daily maximum limits for Debris and O&G are based on Regs. 2.408 and 2.510, respectively.

D. Applicable Effluent Limitations Guidelines

Discharges from facilities of this type are covered by Federal effluent limitations guidelines promulgated under 40 CFR Part 429 – Timber Products and Processing Point Source Category, Subpart I-Wet Storage.

Pursuant to 40 CFR §429.101, there shall be no debris discharged and the pH shall be within the range of 6.0 to 9.0 s.u. Federal regulation defines “debris” as woody material such as bark, twigs, branches, heartwood, or sapwood that will not pass through a 2.54 cm (1.0 in) diameter round opening and is present in the discharge from a wet storage facility. However, APCEC Reg. 2.408 requires that no visible solids be present in the effluent. Therefore, the state requirements for debris will be included in this permit as they are more stringent than the federal requirements. The state requirements for the pH range, under APCEC Reg. 2.504, are identical to the federal requirements so no additional permit action is required at this time.

E. Applicable Total Maximum Daily Load (TMDL) Reports

Moro Creek is included in the TMDL report, [TMDLs for Turbidity for Seven Stream Reaches in Arkansas](#) dated March 27, 2008, for turbidity. The Waste Load Allocations (WLAs) for point sources were set to zero because the discharges from point sources were assumed to consist primarily of organic suspended solids. The impairments addressed by this TMDL are associated more with inorganic suspended solids caused by surface runoff and erosion. Additionally, this facility has not discharged in the previous permit term and the permit already includes limits for TSS. Therefore, no additional permit action is required at this time.

12. STORMWATER REQUIREMENTS

The federal regulations at 40 CFR 122.26(b)(14) require certain industrial sectors to have NPDES permit coverage for stormwater discharges from the facility. These requirements include the development and implementation of a Stormwater Pollution Prevention Plan (SWPPP) to control the quality of stormwater discharges from the facility. This facility was issued stormwater permit coverage under NPDES Tracking number ARR001197.

13. SAMPLE TYPE AND FREQUENCY

Regulations require permits to establish monitoring requirements to yield data representative of the monitored activity [40 CFR Part 122.48(b)] and to ensure compliance with permit limitations [40 CFR Part 122.44(i)(1)].

Requirements for sample type and sampling frequency have been based on the current discharge permit.

Parameter	Previous Permit		Final Permit	
	Frequency of Sample	Sample Type	Frequency of Sample	Sample Type
Flow	once/discharge	instantaneous	once/discharge	instantaneous
COD	once/discharge	grab	once/discharge	grab
TSS	once/discharge	grab	once/discharge	grab
Debris	once/discharge	visual	once/discharge	visual
O&G	once/discharge	grab	once/discharge	grab
pH	once/discharge	grab	once/discharge	grab

14. PERMIT COMPLIANCE SCHEDULE

A Schedule of Compliance has not been included in this permit.

15. MONITORING AND REPORTING

The applicant is at all times required to monitor the discharge on a regular basis and report the results monthly. The monitoring results will be available to the public.

16. SOURCES

The following sources were used to draft the permit:

- A. Application No. AR0047503 received September 30, 2014, with additional information received on October 9, 2014.
- B. *Application to modify permit received January 15, 2016, with additional information received on January 21, 2016.*
- C. APCEC Regulation No. 2.
- D. APCEC Regulation No. 3.
- E. APCEC Regulation No. 6, which incorporates, by reference, certain federal regulations included in Title 40 of the Code of Federal Regulations (Reg. 6.104).
- F. 40 CFR Parts 122, 125, and 429.
- G. Discharge permit file AR0047503.
- H. Discharge Monitoring Reports (DMRs).
- I. "2008 Integrated Water Quality Monitoring and Assessment Report," ADEQ.
- J. "2008 List of Impaired Waterbodies (303(d) List)," ADEQ, February 2008.
- K. [TMDLs for Turbidity for Seven Stream Reaches in Arkansas](#) dated March 27, 2008.
- L. "Identification and Classification of Perennial Streams of Arkansas", Arkansas Geological Commission.
- M. Continuing Planning Process (CPP).
- N. Technical Support Document for Water Quality-based Toxic Control.
- O. [Compliance Review Memo dated November 12, 2014 from Leslie Allen-Daniel.](#)

P. ADEQ Memo: Operator Licensing Requirements dated November 29, 2010 from Mo Shafii to Steven Drown.

Q. [Inspection Report No. 087058](#) dated September 25, 2015.

17. POINT OF CONTACT.

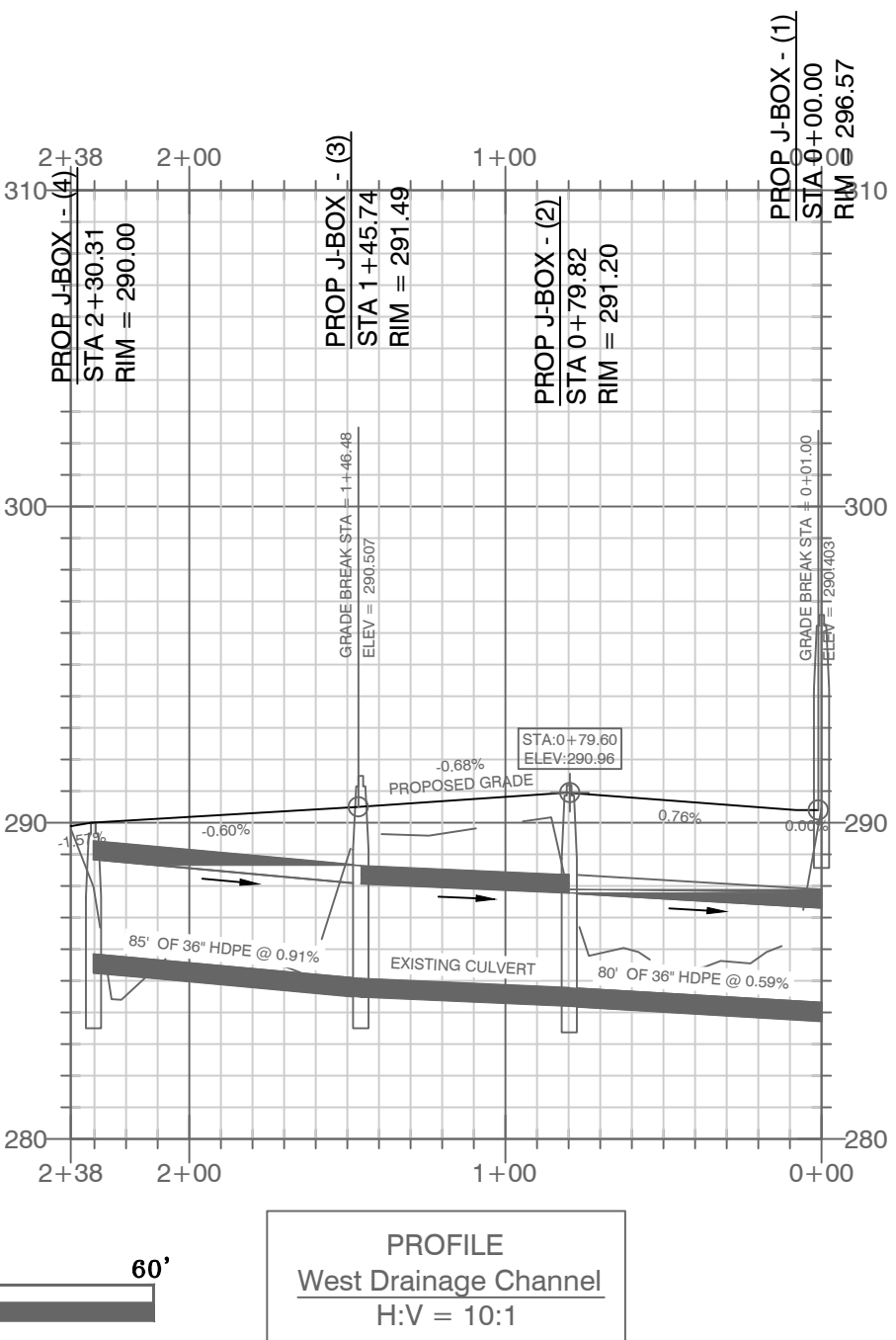
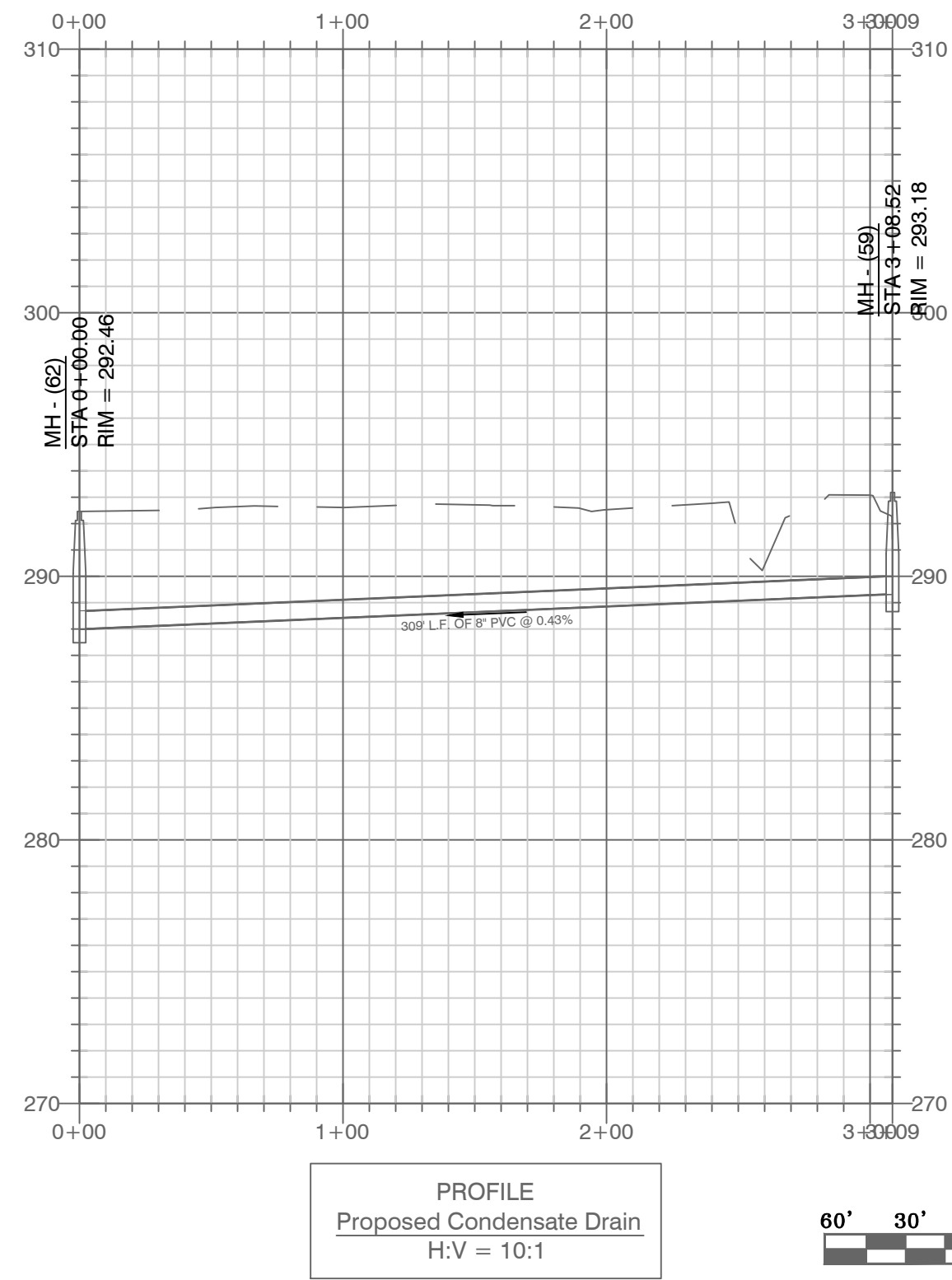
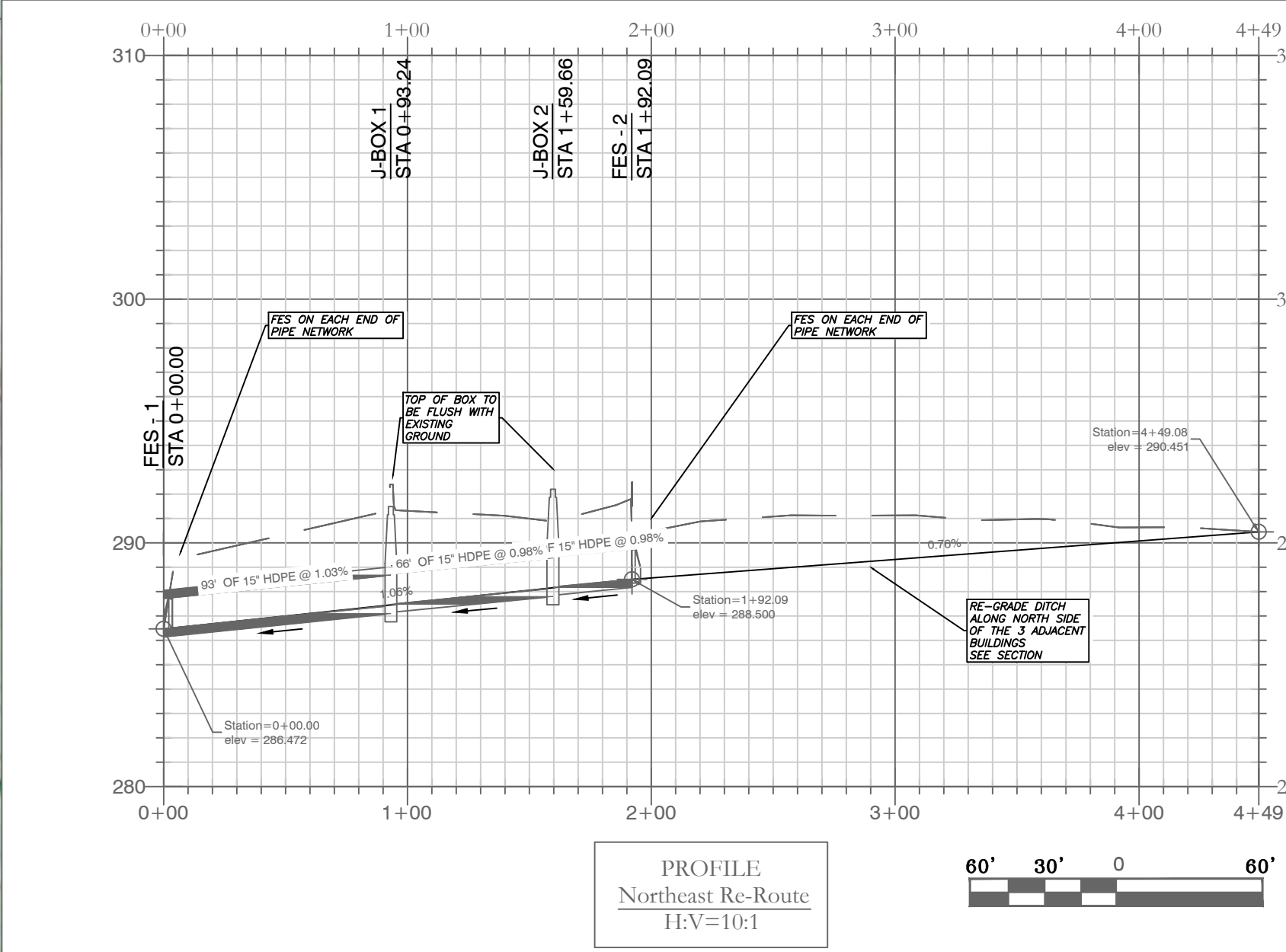
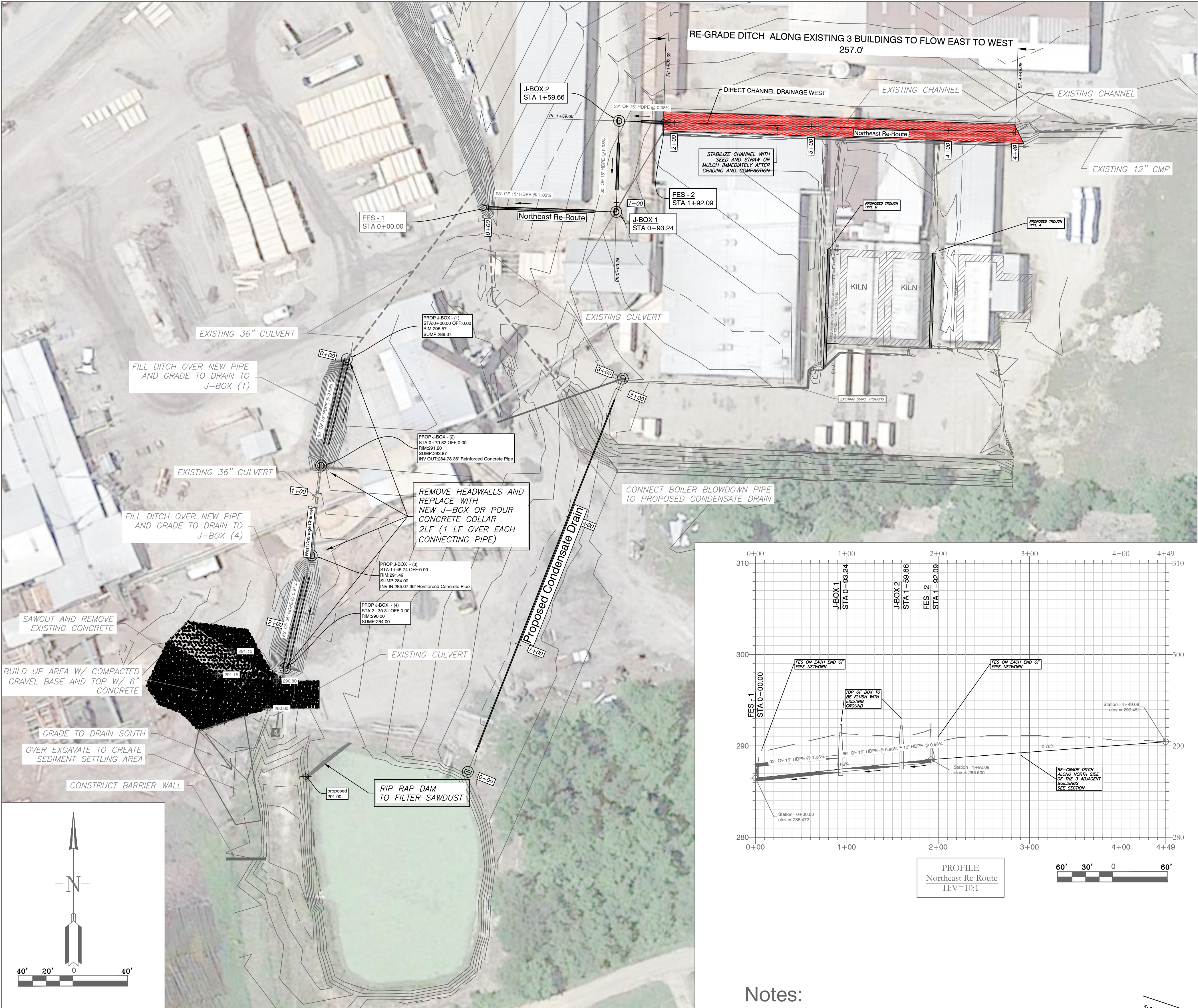
For additional information, contact:

Adam Yates
Permits Branch, Office of Water Quality
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317
Telephone: (501) 682-0617

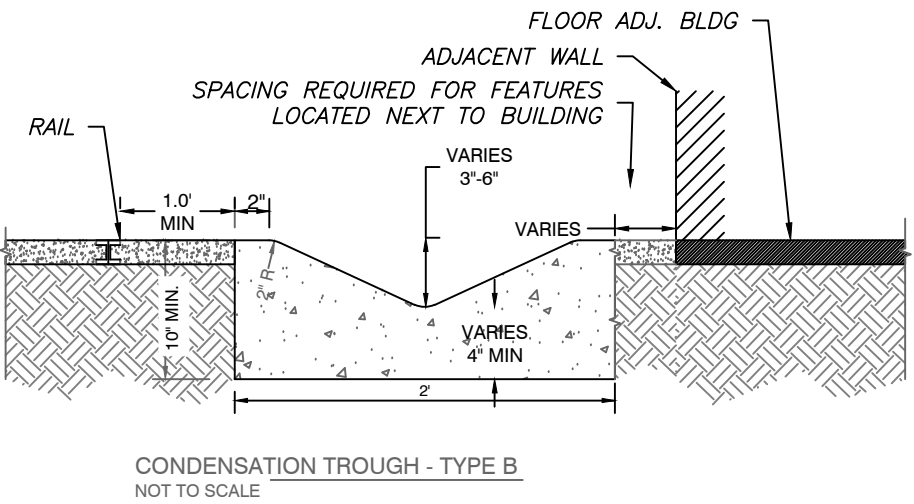
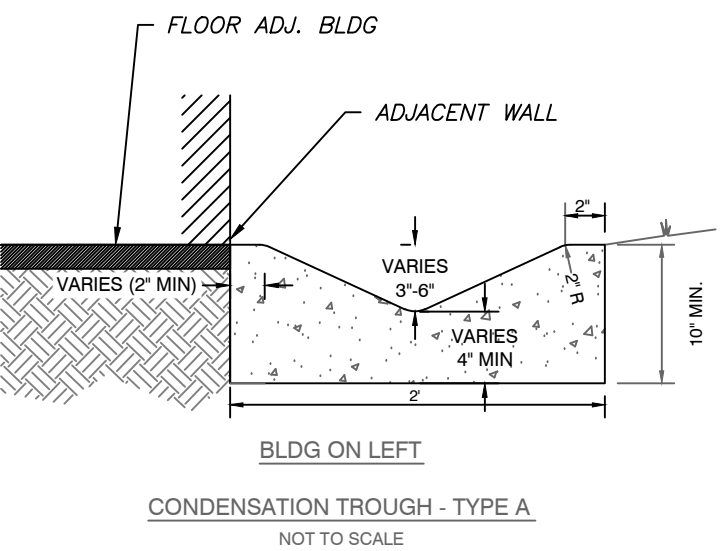
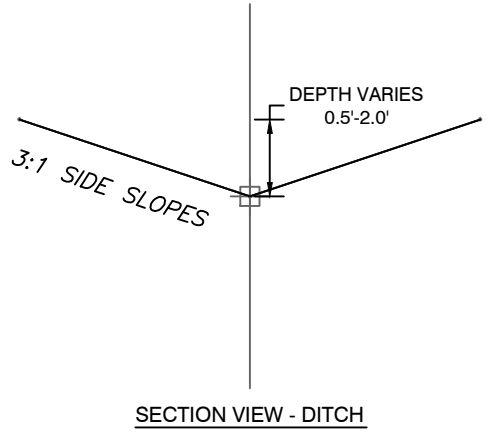
APPENDIX Q

SWPPP Reviews/Amendments.

Amendment Number	Amended By	Amendment Date	Recertification Required (Y/N)	Amendment Description
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				



Notes:
J-box 1 and 4 in west drainage channel to have grate lids in place of solid manhole lids.
All other boxes to have solid manhole lids.



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Benton, Arkansas 72015
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www.hopeconsulting.com

FOR USE AND BENEFIT OF:
IDAHO TIMBER CORP

SITE PLAN
IDAHO TIMBER CORP
CARTHAGE, DALLAS COUNTY, ARKANSAS

DATE:	C.A.D. BY: JNS	DRAWING NUMBER:
REVISED: 5/5/2019	CHECKED BY:	19-0063
SHEET: C-1.0	SCALE: 1" = 60'	
500	02N	13W 0 26 220 60 1807

K:\LAND PROJECTS 2004\COMMERCIAL\2019\IDAHO TIMBER CORP\19-0063 IDAHO TIMBER SURFACE REDWG



October 29, 2019

John Peaslee, General Manager
Idaho Timber of Carthage, LLC
P.O. Box 37
Carthage, AR 71725

RE: Idaho Timber of Carthage, LLC - Response to Inspections (Dallas Co)
AFIN: 20-00017 **NPDES Permit No.: AR0047503**
ARR001197

Dear Mr. Peaslee:

I have reviewed the response pertaining to my January 9, 2019 inspections of Idaho Timber of Carthage, LLC. The information provided sufficiently addresses the violations referenced in my inspection reports. At this time, the Department has no further comment concerning these particular inspections. Acceptance of this response by the Department does not preclude any future enforcement action deemed necessary at this site or any other site.

If we need further information concerning this matter, we will contact you. Thank you for your attention to this matter. Should you have any questions, feel free to contact me at (501) 837-2073 or you may e-mail me at youngm@adeq.state.ar.us.

Sincerely,

Michael Young
District 8 Field Inspector
Office of Water Quality