

**NON-STORMWATER
NPDES GENERAL
PERMITS IN THE STATE
OF ARKANSAS**

Jessica Temple
October 6, 2016

WHAT IS A GENERAL PERMIT?

- In accordance with 40 CFR 122.28, ADEQ is authorized to issue a general NPDES permit if there are a number of point sources that:
 - Involve the same or substantially similar types of operations
 - Discharge the same types of waste
 - Require the same effluent limitations or operating conditions
 - Require the same or similar monitoring requirements; and
 - In the opinion of the Director, are more appropriately controlled under a general permit than an individual permit
- Facilities are assigned a tracking number starting with ARG
- Notice of Coverage issued

AVAILABLE NON-STORMWATER GENERAL PERMITS

- ARG160000- Sanitary Landfill Runoff
- ARG250000- Non-Contact Cooling Water, Cooling Tower Blowdown, or Boiler Blowdown
- ARG500000- Aggregate Facility
- ARG550000- Individual Treatment Facility
- ARG640000- Water Treatment Facility
- ARG670000- Hydrostatic Testing Discharge
- ARG750000- Car and Truck Wash
- ARG790000- Groundwater Cleanup Units
- ARG870000- Pesticide Discharges

NAVIGATING THE ADEQ WEBSITE

The screenshot shows the ADEQ website interface. At the top, the ADEQ logo is displayed alongside the text "Arkansas Department of Environmental Quality" and the mission statement: "We protect, enhance and restore the natural environment for the well-being of all Arkansans." A search bar is located on the right side of the header. Below the header is a navigation menu with the following items: Home, Databases, Divisions, Inspectors, Licensing, Permits, Regulations, and Contact Us. The "Divisions" menu is expanded, showing a list of services: Administrative Services, Air, Director's Office, Fiscal, Hazardous Waste, Information Technology Services, Legal, Mining, Public Outreach & Assistance, Regulated Storage Tanks, Solid Waste Management, and Water. The "Water" option is circled in yellow. A yellow arrow points from the top right towards the "Divisions" menu. The main content area features several sections: "A Message from the Director" by Becky Keogh, "REPORT A COMPLAINT", "PUBLIC EVENTS CALENDAR", "PUBLIC INFORMATION", "BUSINESS ASSISTANCE", "STAY CONNECTED", "WEB-BASED APPLICATIONS", and "APC&E COMMISSION". There are also featured articles such as "Permitting Assistance", "Urgent EPA Notice", "EPA's Regional Haze Rule", "ADEQ's C & H Pond Integrity Evaluation", and "NABORS Closure Notice to Contractors". Logos for "NetDMR" and "Environmentally Speaking" are visible on the right side.

NAVIGATING THE ADEQ WEBSITE

The screenshot shows the ADEQ website interface. At the top, the browser address bar displays <https://www.adeq.state.ar.us/water/>. The main header features the ADEQ logo and the text "Arkansas Department of Environmental Quality" with the tagline "We protect, enhance and restore the natural environment for the well-being of all Arkansans." A search bar labeled "Search This Site" is located in the top right corner.

The navigation menu includes: Home, Databases, Divisions, Inspectors, Licensing, Permits, Regulations, and Contact Us. The breadcrumb trail shows "Home / Divisions / Water".

The left sidebar contains several menu items: "FAQs", "Water Division" (with a sub-item "Resource Library"), "ADEQ's C&H Pond Integrity Evaluation", "Compliance" (with sub-items "Water Division Inspectors, Citizen Complaints, Fish Kills"), "Licensing & Enforcement" (with sub-items "NetDMR, Noncompliance Incident Reporting, Water Quality Planning"), "Water Permits" (highlighted with a yellow circle), and "Water Quality Planning" (with sub-items "305b, 303d, TMDLs, Regulation 2, Instream 401 & STAA, Groundwater"). At the bottom of the sidebar are "Water Staff Directory" and "Related Links & Documents".

The main content area features a section titled "Water Quality Protection, Permits, and Planning" with three images of water bodies and people sampling. Below the images, the text reads: "Each of the Office of Water Quality's four branches – Compliance, Enforcement, Permits, and Water Quality Planning – has different duties. But they all share the common goal of protecting and enhancing Arkansas's waterways." The "Compliance Branch" section describes its role in performing inspections at various sites. The "Enforcement Branch" section describes its role in outlining corrective actions and monitoring noncompliance.

On the right side, there are two sections: "REPORT A COMPLAINT" with a link to the "Online Complaint Reporting Form", and "Water Quality Contacts" listing staff members: Associate Director Caleb Osborne (501-682-0637), Compliance Jason Bolenbaugh (501-682-0659), Licensing & Enforcement Richard Healey (501-682-0640), Water Permits (501-682-0623), and Water Quality Planning Sarah Clem (501-682-0660).

NAVIGATING THE ADEQ WEBSITE

The screenshot shows the ADEQ website interface. At the top, there is a browser address bar with the URL <https://www.adeq.state.ar.us/water/permits/>. The main header features the ADEQ logo and the text "Arkansas Department of Environmental Quality" with the tagline "We protect, enhance and restore the natural environment for the well-being of all Arkansans." A search bar is located on the right side of the header.

The navigation menu includes: Home, Databases, Divisions, Inspectors, Licensing, Permits, Regulations, and Contact Us. The breadcrumb trail reads: Home / Divisions / Water / Permits.

The left sidebar contains a list of links under the heading "FAQs":

- Water Division
- Resource Library
- Water Permits**
- Draft Water Permits at Public Notice
- Water Permits Applications, Forms, Instructions, and Documents
- NPDES Permits
- Individual NPDES Permits
- General Stormwater Permits
- MS4 Permit NOI Submittals
- General Non-Stormwater Permits**
- General Permit NOI Submittals
- Pretreatment Program
- Pretreatment Regulated Industries/ Facilities Data
- Pretreatment: City Contacts
- Non-Pretreatment: City Contacts
- No-Discharge Permits
- Individual No-Discharge Permits
- General No-Discharge Permits

The main content area is titled "Water Permits" and includes the following text:

The Water Permits Branch is responsible for issuing permits assigned with pollution limits and conditions to protect water quality. The Water Division's permit programs are divided as Discharge and No-Discharge.

Discharge permits are also called National Pollutant Discharge Elimination System (NPDES) permits. The NPDES permit program is authorized by the federal Clean Water Act. Other permits are authorized through **state and federal laws**. The Arkansas Department of Environmental Quality has been delegated authority of the state NPDES program by the U.S. Environmental Protection Agency. NPDES permits are required for facilities that release treated waste into waters of the state (creeks, streams, rivers or lakes). Wastewater, construction, stormwater, and pretreatment are managed through the NPDES permit program.

No-discharge permits are authorized under the Arkansas Water and Air Pollution Control Act ([Ark. Code Ann. §8-4-101 et. seq.](#)) These permits are issued for activities that are prohibited from resulting in a waste being discharged to waters of the state. This is accomplished by operational controls to prevent a discharge, land application, or sub-surface injection (Underground Injection Control).

Types of Permits

In both the Discharge and No-Discharge permit programs, permits are developed as either individual or general.

Individual Permits

An individual permit is developed for a specific facility and contains unique permit conditions and limits.

On the right side, there is an image of a water treatment facility and a section titled "Water Permit Contacts" with the following information:

Water Permit Contacts

Permits Branch Manager
Vacant

NPDES Permits Program
Bryan Leamons, PE
501-683-5406

Carrie McWilliams, PE
501-682-0915

Arkansas Pretreatment Program
Allen Gilliam
501-682-0625

No-Discharge Permits Program
Water Permits Assistance
501-682-0650

Jamal Solaimanian, PE, PhD
501-682-0620

Underground Injection Control (UIC) Program
Linda Hanson, PG, MSc
501-682-0646

Questions or Comments?

NAVIGATING THE ADEQ WEBSITE

The screenshot shows a web browser window with the URL <https://www.adeq.state.ar.us/water/permits/npdes/nonstormwater/>. The browser's address bar and tabs are visible at the top. The website content is organized into several sections:

- Left Navigation Menu:** A vertical list of links including "General Permit NOI Submittals", "Pretreatment Program", "Pretreatment Regulated Industries/ Facilities Data", "Pretreatment: City Contacts", "Non-Pretreatment: City Contacts", "No-Discharge Permits", "Individual No-Discharge Permits", "General No-Discharge Permits", and "Underground Injection Control (UIC) Program".
- Main Content Area:**
 - A header text: "Most General NPDES Permits may be completed and submitted online through the [ADEQ ePortal site](#)."
 - A callout box: "+ Do your permitting online. See which NOIs may be submitted electronically."
 - General Non-Stormwater Permits**
 - Text: "The following general non-stormwater permits are available and are listed with:"
 - List:
 - coverage forms
 - information
 - notices of facilities that have submitted a recent NOI for coverage
 - Text: "Select the appropriate category below."
 - Sanitary Sewerage**
 - Callout box: "+ ARG160000. This permit expires Feb. 28, 2019. The annual fee is \$400." (This box is circled in yellow in the image)
 - Non-contact Cooling Water, Cooling Tower Blowdown, and Boiler**
 - Callout box: "+ ARG250000. This permit expires Nov. 30, 2017. The annual fee is \$200."
 - Aggregate Facility (Sand and Gravel)**
 - Callout box: "+ ARG500000. This permit expires Jan. 31, 2021. The annual fee is \$200."
 - Individual Treatment System for Domestic Waste (Non-Industrial)**
 - Callout box: "+ ARG550000. This permit expires June 30, 2019. The annual fee is \$200."
 - Confined Animal Feeding Operation (CAFO)**
 - Callout box: "+ ARG590000. This permit expires Oct. 31, 2016. The permit fee is \$200."
 - Filter Backwash Wastewater from Municipal Drinking Water Supplies**
- Related Links & Documents:** A section with a callout box: "+ APC&EC Water Regulations".

NAVIGATING THE ADEQ WEBSITE

https://www.adeq.state.ar.us/water/permits/npdes/nonstormwater/ Non-Stormwater Permits | ...

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Underground Injection Control (UIC) Program

Related Links & Documents

+ [APC&EC Water Regulations](#)

Select the appropriate category below.

Sanitary Landfill Pond

− **ARG160000**
This permit expires Feb. 28, 2020. The annual fee is \$400.

Information on ARG160000 Permit

- [Current Permit ARR160000 \(2014 Renewal\)](#)
- [ARG160000 Fact Sheet](#)
- [Response to comments for ARG160000](#)

Required Documents

Submit the following documents to apply for coverage:

- Notice of Intent (NOI)
 - [PDF](#)
 - [Word](#)
- [Disclosure Statement](#)

Submit the following documents only as needed:

- [Change of Signatory Authorization](#)
- [Notice of Permit Transfer Form](#)
- Notice of Termination
 - [PDF](#)
 - [Word](#)

Notices of facilities that have submitted a recent NOI for coverage:

- [ARG160000 Permits at Public Notice](#)
- [Renewal ARG160000 Permits at Public Notice](#)

Non-contact Cooling Water, Cooling Tower Blowdown, and Boiler

+ **ARG250000**
This permit expires Nov. 30, 2017. The annual fee is \$200.

Aggregate Facility (Sand and Gravel)

+ **ARG500000**
This permit expires Jan. 31, 2021. The annual fee is \$200.

ARG160000- SANITARY LANDFILL RUNOFF

- Effective March 1, 2015
- Expires February 28, 2020
- Number of Current Active Permits - 33
- Permit Fee \$400

- Authorizes construction and discharge of uncontaminated stormwater from sedimentation ponds

- License Requirements
 - Basic Industrial



ARG160000- SANITARY LANDFILL RUNOFF

■ Exclusions

- No leachate!
- Facilities in the watershed of an Outstanding Resource Water (ORW)
- Direct discharges into a 303(d) listed stream
- TMDLs, where the conditions of the TMDL cannot be met
- Discharges that may be reasonably expected to contribute to a violation of a water quality standard

PART 2 EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Outfall 001. The permittee is authorized to discharge uncontaminated stormwater from Sanitary Landfill sedimentation ponds. Discharges from above are subject to the following effluent limitations.

<u>Effluent Characteristics</u>	<u>Discharge Limitations</u> ²	<u>Monitoring Requirements</u>	
	Concentration (mg/l, unless otherwise specified)	Frequency ³	Sample Type
	Daily Maximum		
Flow ¹	Report	Once/discharge	Instantaneous
Chemical Oxygen Demand (COD)	75	Once/discharge	Grab
Total Suspended Solids (TSS)	100	Once/discharge	Grab
Oil and Grease (O & G)	15	Once/discharge	Grab
pH	6.0 s.u.- 9.0 s.u.	Once/discharge	Grab

1. Report Daily Maximum as MGD.
2. In the event a discharge occurs as a result of precipitation greater than the 25-year, 24-hour storm event, the discharge is not required to comply with the effluent limitations of this general permit. However, the permittee must submit a DMR to the Department and shall have the burden of proof that discharge was caused by such a precipitation event attached to the DMR.
3. All samples shall be collected from the discharge resulting from a storm event that occurs at least 72 hours from the previous discharge. The grab sample shall be taken during the first 30 minutes of the discharge. If the collection of a grab sample during the first 30 minutes is impracticable, a grab sample can be taken during the first hour of the discharge. The discharger shall then submit with the monitoring report a description of why a grab sample during the first 30 minutes was not practicable.

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 in the receiving water body. There shall be no visible sheen (Sheen means an iridescent appearance on the surface of the water). The permittee shall conduct a visual inspection of the point of discharge to the receiving stream at least monthly when discharges occur. The date of the inspection and any visible change in the receiving stream caused by the discharge shall be recorded and filed with the permittee's discharge monitoring report.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the discharge from the final treatment unit.

ARG250000- NON-CONTACT COOLING WATER, COOLING TOWER BLOWDOWN, OR BOILER BLOWDOWN

- Effective December 1, 2012
 - Expires November 30, 2017
 - Number of Current Active Permits- 10
 - Permit Fee \$200
 - Status of Renewal
-
- Authorizes discharges less than 0.5 MGD of non-contact cooling water, cooling tower blowdown and boiler blowdown wastewater



ARG250000- NON-CONTACT COOLING WATER, COOLING TOWER BLOWDOWN, OR BOILER BLOWDOWN

■ Exclusions

- Direct discharges into streams on the 303(d) list and the permit requirements do not provide sufficient reduction
- Direct discharges into ORW
- TMDLs
- Discharges that may be reasonably expected to contribute to a violation of a WQS

The following effluent limitations are applicable for the discharge of non-contact cooling water, cooling tower blowdown, and boiler blowdown wastewater.

Effluent Characteristics	Discharge Limitations		Monitoring Requirements	
	Concentration (mg/l, unless otherwise specified)		Frequency	Sample Type
	Monthly Avg.	Daily Max		
Flow (MGD) ¹	N/A	0.5	Twice/week	Instantaneous
Chemical Oxygen Demand (COD)	50	75	Twice/month	Grab
Total Suspended Solids (TSS)	35	53	Twice/month	Grab
Oil and Grease (O&G)	10	15	Twice/month	Grab
pH	<u>Minimum</u> 6.0 s.u.	<u>Maximum</u> 9.0 s.u.	Twice/month	Grab
Temperature ^{2,3}	See table below for Outfall Type, Ecoregion, and Maximum Limit*		Twice/month	In-situ

¹ Flow must be monitored and reported. Report in units of million gallons per day (MGD).

² Temperature limits are not applicable to discharge of only boiler blowdown wastewater; however, reporting is still required.

³ For all outfalls, the discharge shall not cause or contribute to a rise in the temperature of the receiving stream resulting from artificial origin of greater than 5°F (i.e. downstream-upstream = 5°F)

* Outfall Type	ECOREGION	Temperature Limit (°F)
001	Ozark Highlands	84.2
002	Boston Mountains and Arkansas River Valley	87.8
003	Ouachita Mountains, Spring water Influenced Gulf Coastal, Typical Gulf Coastal, and Least-Altered Delta	86
004	Channel-Altered Delta, White River (Dam #1 to mouth), St. Francis River, Mississippi River, Arkansas River, Ouachita River (Little Missouri River to state line), Red River, and Lakes and Reservoirs	89.6
005	Trout Waters	68

There shall be no discharge of distinctly visible solids, scum, or foam in other than trace amounts, nor there be any formation of slime, bottom deposits, or sludge banks.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the outfall location.

ARG250000- NON-CONTACT COOLING WATER, COOLING TOWER BLOWDOWN, OR BOILER BLOWDOWN

■ Exclusions continued

- Facilities not in compliance with a previously issued permit
- Industries with ELGs (40 CFR 400 – 471)
- Discharges mixed with any other discharge
- Facilities covered under an NPDES individual permit where the issuance of this permit would violate anti-backsliding requirements
- Facilities using groundwater containing toxic pollutants listed in Reg. 2
- Facilities using additives containing chromium or zinc in any form
- Steam Electric generating plants
- Facilities receiving water from a cooling water intake structure subject to 316(b) of the Clean Water Act, unless an individual NPDES discharge permit is active



ARG500000- AGGREGATE FACILITY

- Effective February 1, 2016
- Expires January 31, 2021
- Number of Current Active Permits - 37
- Permit Fee \$200

- Authorizes construction of a process water pond and discharges of process water (sand and gravel washing water, quarry dewatering water and mine dewatering water), dredging water, and commingled stormwater.

- License Requirement
 - Basic Industrial



ARG500000- AGGREGATE FACILITY

■ Exclusions

- Discharges into ORWs
- TMDLs
- Discharges that may be reasonably expected to contribute to a violation of a WQS
- Non-compliance with another permit
- Facilities conducting streambed mining (regulated by APC&EC Reg. 15.403) or dredging operations (Section 404 of CWA)

Outfall Type 101

<u>Effluent Characteristics</u> ²	<u>Monitoring Requirements</u> ³			
	Concentration (mg/l, unless otherwise specified)		Frequency	Sample Type
	Monthly Avg.	Daily Max		
Flow ¹	Report	Report	twice/week	Instantaneous
Total Suspended Solids (TSS)	35.0	53.0	once/month	grab
Oil and Grease (O & G)	10.0	15.0	once/month	grab
pH	<u>Minimum</u> 6.0 s.u.	<u>Maximum</u> 9.0 s.u.	once/month	grab
Total Dissolved Solids (TDS)	Report	Report	once/month	grab

1. Report Monthly Average and Daily Maximum as MGD.
2. Any overflow from facilities, resulting from a storm exceeding a 10-year, 24-hour precipitation event, discharging through this outfall shall not be subject to the limitations of this outfall if the facilities are designed, constructed and maintained to contain or treat the volume of waste water which would result from a 10-year 24-hour precipitation event. The permittee is required to submit proof, along with a DMR, to the Department that their facility has been designed, constructed and maintained to contain or treat the volume of waste water resulting from a 10-year, 24-hour or greater precipitation event if they seek to not be subject to the above limits. All discharges not resulting from a storm exceeding a 10-year, 24-hour precipitation event are required to meet permit limits.
3. Discharges from this outfall are typically from storm events. Regardless of the type of discharge, a sample must be obtained during the monitoring period.

There shall be no discharge of distinctly visible solids, scum or foam of a persistent nature, nor there any formation of slime, bottom deposits or sludge banks. No visible sheen (Sheen means an iridescent appearance on the surface of the water).

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 at the outfall(s) specified in the NOI.

ARG500000- AGGREGATE FACILITY

- Exclusions continued
 - ELGs more stringent than this general permit
 - Aggregate facilities discharging to a waterbody impaired for minerals
 - Discharges to a losing stream segment (Reg. 6.301)
 - Discharges of only stormwater

Mine Pit Outfall

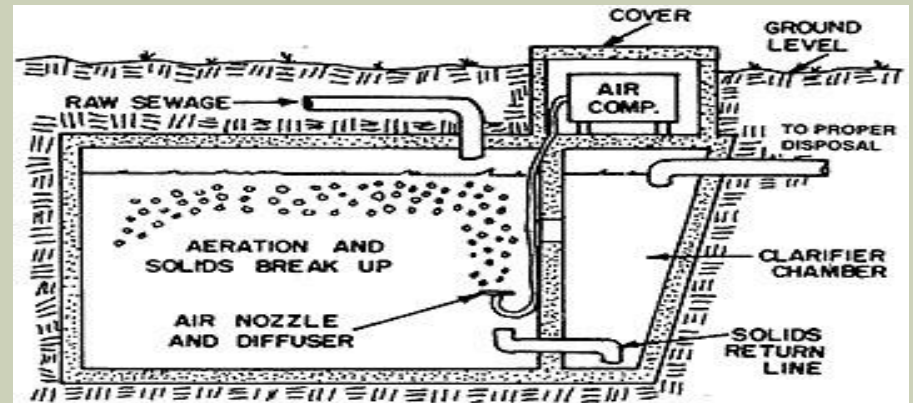
Mine Pits: All mines, mine pits (active and inactive), and unlined process water ponds retaining water at a facility permitted by this general permit are subject to the following monitoring requirements. This monitoring requirement includes pits permitted under Outfall Type 101. The sampling location(s) must be identified on the NOI.

<u>Monitoring Parameter</u>	<u>Monitoring Requirements</u>		
	Measurement Type	Frequency	Sample Type
pH*	Report (s.u.)	once/6 months	grab

*At least one (1) sample shall be taken at every three (3) feet of pond depth with the exception of the pond's bottom (i.e., the following samples should be collected from a 15 foot deep pond; a sample at the surface, a sample at three (3) feet of depth, a sample at six (6) feet of depth, a sample at nine (9) feet of depth, a sample at twelve (12) feet of depth). Samples shall be composited prior to analysis. The use of a sampler that is capable of sampling the entire water column from the top of the pond to the deepest point may be used. For exceptionally deep ponds, samples must be taken to a minimum depth of 18 feet.

ARG550000- INDIVIDUAL TREATMENT FACILITY

- Effective July 1, 2014
- Expires June 30, 2019
- Number of Current Active Permits - 197
- Permit Fee \$200 for businesses
- No Fee for Homeowners
- Authorizes construction and installation of individual treatment facilities generating less than 1000 gallons per day of domestic waste
- License Requirement
 - Class II



ARG550000- INDIVIDUAL TREATMENT FACILITY

■ Exclusions

- Multiple discharges
- Facilities requiring Financial Assurance
- Discharges to waterbodies on 303(d) list for pathogens, nutrients, or DO
- Direct discharges to ORW
- Non-domestic waste
- Discharges determined by the Director to be a significant contributor of pollutants

OUTFALL 001 –The permittee is authorized to discharge from outfall serial number 001- treated domestic wastewater. Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristics</u>	<u>Discharge Limitations</u>		<u>Monitoring Requirements</u>	
	Concentration (mg/l, unless otherwise specified)		Frequency	Sample Type
	Monthly Avg.	Daily Max		
Flow ¹ (gpd)	report	1000	Once/six months	Estimate
Biochemical Oxygen Demand (BOD ₅)	10	15	Once/six months	Grab
Total Suspended Solids (TSS)	15	22.5	Once/six months	Grab
Dissolved Oxygen (DO) ²	6.0 (Inst. Min.)		Once/six months	Grab
Fecal Coliform Bacteria (FCB)	(colonies/100ml)			
	200	400	Once/six months	Grab
pH	<u>Minimum</u> 6.0 s.u.	<u>Maximum</u> 9.0 s.u.	Once/six months	Grab
Site Specific Parameters ³	TBD ⁴	TBD	TBD	TBD

1 Flow must be monitored and reported. Report in units of gallons per day (gpd).

2 A more stringent DO limit may be required to ensure that the discharge is in compliance with the Ecoregion Water Quality Standards.

3 Based on the location of the proposed discharge, the Department may require additional effluent limitations at the time of issuance of the NOC.

4 To Be Determined

There shall be no discharge of distinctly visible solids, scum or foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: at the outfall 001, following the final treatment unit.

ARG640000- WATER TREATMENT FACILITY

- Effective December 1, 2011
- Expires November 30, 2016
- Number of Current Active Permits - 68
- Permit Fee \$400

- Renewal permit was issued June 3, 2016
- Effective Date December 1, 2016
- Expiration Date November 30, 2021

- License Requirements:
 - Industrial Facilities- Basic Industrial
 - Municipal Facilities- Class I or Basic Industrial



ARG640000- WATER TREATMENT FACILITY

■ Authorizes discharges associated with water treatment plants including, but not limited to:

- Wastewaters from iron and manganese removal
- Micro-filtration
- Chemical softening
- Coagulation or sedimentation
- Sedimentation basin blowdown
- Lab sink water
- Filter backwash water

2.1 OUTFALL 101 – TIER 1: FACILITIES WITH A DAILY AVERAGE WASTE DISCHARGE FLOW¹ ≤ 0.5 MGD

The permittee is authorized to discharge from Outfall 101 from activities associated with the production of potable water from water treatment plants. Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristics</u>	<u>Discharge Limitations</u>		<u>Monitoring Requirements</u>	
	Monthly Avg.	Daily Max	Frequency	Sample Type
Flow	Report, MGD	Report, MGD	five/week	instantaneous/ totalizing/ calculated ²
Total Suspended Solids (TSS)	20.0	30.0	once/quarter ⁶	grab
Iron (Dissolved) ³	1.0	2.0	once/quarter ⁶	grab
Manganese (Dissolved) ³	1.0	2.0	once/quarter ⁶	grab
Aluminum (Dissolved) ⁴	1.0	2.0	once/quarter ⁶	grab
Total Residual Chlorine (TRC) ⁵	<0.1 (Inst. Max.)		once/quarter ⁶	grab
pH	<u>Minimum</u> 6.0 s.u.	<u>Maximum</u> 9.0 s.u.	once/quarter	grab

¹ See Part 3.1 for the definition of Daily Average Waste Discharge Flow.

² See Part 6.2.

³ These limits apply only to facilities that use groundwater as source water.

⁴ These limits apply only to facilities that use aluminum-based coagulants in the treatment process.

⁵ This limit does not apply to facilities that do not discharge chlorinated water from their wastewater treatment system, nor to facilities with wastewater retention ponds with a retention time greater than 24 hours.

⁶ See Part 3.4 regarding qualifications for reduction in the frequency of monitoring.

ARG640000- WATER TREATMENT FACILITY

■ Exclusions

- Direct discharges to ORWs
- 303(d) list
- TMDLs and WLA for a pollutant limited in this permit and the limit is not restrictive enough to meet requirements of TMDL

2.2 OUTFALL 102 – TIER 2: FACILITIES WITH A DAILY AVERAGE WASTE DISCHARGE FLOW¹ > 0.5 but ≤ 1.0 MGD.

The permittee is authorized to discharge from Outfall 102 from activities associated with the production of potable water from water treatment plants. Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristics</u>	<u>Discharge Limitations</u>		<u>Monitoring Requirements</u>	
	Monthly Avg.	Daily Max	Frequency	Sample Type
Flow	Report, MGD	Report, MGD	five/week	instantaneous/totalizing/calculated ²
Total Suspended Solids (TSS)	20.0	30.0	once/month ⁶	grab
Iron (Dissolved) ³	1.0	2.0	once/month ⁶	grab
Manganese (Dissolved) ³	1.0	2.0	once/month ⁶	grab
Aluminum (Dissolved) ⁴	1.0	2.0	once/month ⁶	grab
Total Residual Chlorine (TRC) ⁵	<0.1 (Inst. Max.)		once/month ⁶	grab
pH	<u>Minimum</u> 6.0 s.u.	<u>Maximum</u> 9.0 s.u.	once/month	grab

¹ See Part 3.1 for the definition of Daily Average Waste Discharge Flow.

² See Part 6.2.

³ These limits apply only to facilities that use groundwater as source water.

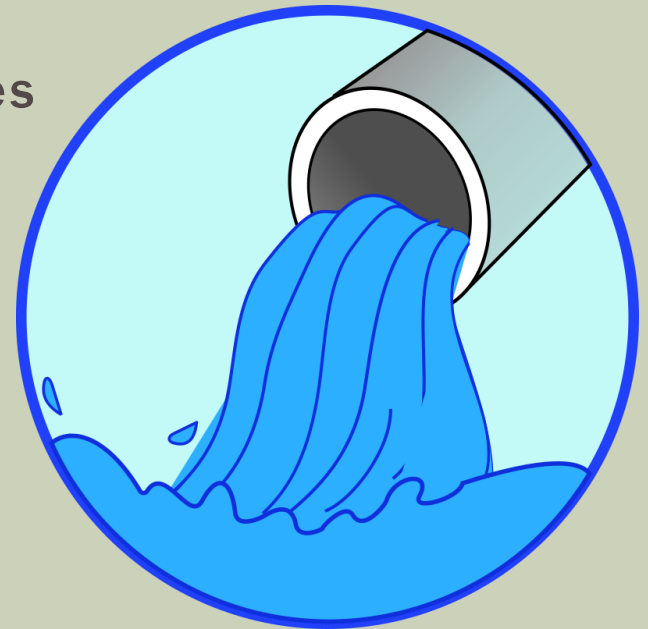
⁴ These limits apply only to facilities that use aluminum-based coagulants in the treatment process.

⁵ This limit does not apply to facilities that do not discharge chlorinated water from their wastewater treatment system, nor to facilities with wastewater retention ponds with a retention time greater than 24 hours.

⁶ See Part 3.4 regarding qualifications for reduction in the frequency of monitoring.

ARG670000- HYDROSTATIC TESTING DISCHARGE

- Effective July 1, 2013
- Expires June 30, 2018
- Number of Current Active Permits - 36
- Permit Fee \$200
- Authorizes hydrostatic testing discharges



ARG670000- HYDROSTATIC TESTING DISCHARGE

■ Exclusions

- Wastewater from sources other than hydrostatic testing
- Substances that cannot be adequately detected by effluent limits
- Direct discharges to 303(d) listed waterbody if the permit does not provide sufficient reduction
- Direct discharges to ORW, losing streams, reservoirs
- TMDLs

2.1 The following effluent limitations are applicable for the discharge of hydrostatic testing wastewater:

Effluent Characteristics	Discharge Limitations		Monitoring Requirements	
	Concentration (mg/l, unless otherwise specified)		Frequency	Sample Type ¹
	Monthly Avg.	Daily Max		
Flow (MGD)	N/A	Report (MGD)	Once Per Continuous Discharge	Record
Total Organic Carbon (TOC)	N/A	50	Once Per Continuous Discharge	Grab
Total Suspended Solids (TSS)	N/A	45	Once Per Continuous Discharge	Grab
Oil and Grease (O&G)	N/A	15	Once Per Continuous Discharge	Grab
Total BTEX ^{2,3}	N/A	100 (µg/l)	Once Per Continuous Discharge	Grab
Benzene	N/A	50 (µg/l)	Once Per Continuous Discharge	Grab
pH	<u>Minimum</u> 6.0 s.u.	<u>Maximum</u> 9.0 s.u.	Once Per Continuous Discharge	Grab

¹ The grab sample shall be taken based on one of the following methods for filling and discharging the hydrostatic test water from the pipeline segment(s) being tested:

(a) Using the First In, Last Out method, the grab sample shall be taken at the end of each batch discharge.

(b) Using the First In, First Out method, the grab sample shall be taken at the beginning of each batch discharge.

² TOC, BTEX, and Benzene limit applies only to discharge from pipe/vessels which have previously been in service- i.e., those facilities which are not new.

³ BTEX shall be measured as the sum of benzene, toluene, Ethylbenzene, and total xylene (including ortho-, meta-, and para-xylene) as quantified by EPA methods 601, 602, 624, or 1624.

ARG670000- HYDROSTATIC TESTING DISCHARGE

■ Exclusions continued

- Discharges reasonably expected to violate WQS
- Non-compliance with a previous permit
- Pipelines using PCBs
- Discharges mixed with any other discharge (i.e. stormwater)
- Facilities with another permit where this permit would violate anti-backsliding requirements
- Wastewater to clean pipeline
- Greater than 0.1 mg/l chlorine

ARG750000- CAR AND TRUCK WASH

- Effective December 1, 2014
- Expires November 30, 2019
- Number of Current Active Permits - 11
- Permit Fee \$200

- Authorizes discharge of car and truck washwater

- License Requirement
 - Basic Industrial



ARG750000- CAR AND TRUCK WASH

■ Exclusions

- Washwater from engine washing, acid/caustic/metal brightener washing or steam/heated water washing
- Reasonably expected to violate WQS
- Washwater from cleaning the interior of bulk carriers
- Washwater from garbage trucks, logging trucks, and livestock trucks
- Substances that would not be adequately detected by effluent limits
- Non-compliance with another permit
- Mixed with other process water

ARG750000- CAR AND TRUCK WASH

■ Exclusions

- Facilities with another permit where this permit would violate anti-backsliding requirements
- Direct discharges to ORW, losing streams, reservoirs where permit limits are not protective
- Direct discharges to 303(d) listed stream
- TMDL where permit limits are inadequate

<u>Effluent Characteristics</u>	<u>Discharge Limitations</u>		<u>Monitoring Requirements</u>	
	Concentration (mg/l, unless otherwise specified)		Frequency	Sample Type
	Monthly Avg.	Daily Max		
Flow ¹ (gpd)	Report	Report	Twice/week	Instantaneous
Chemical Oxygen Demand (COD)	50	75	Once/quarter	Grab
Total Suspended Solids (TSS)	35	53	Once/quarter	Grab
Oil and Grease (O&G)	10	15	Once/quarter	Grab
Dissolved Oxygen (DO)	6.0 (monthly average)		Once/quarter	Grab
pH	<u>Minimum</u> 6.0 s.u.	<u>Maximum</u> 9.0 s.u.	Once/month	Grab
Surfactants ²	Report	Report	Once/quarter	Grab
Phosphorus, Total ²	Report	Report	Once/quarter	Grab

1 Flow must be monitored and reported. Report in units of gallons per day (gpd).

2 Monitor only if detergent or soaps are being used. Please see Part 1.8.9.

There shall be no discharge of distinctly visible solids, scum or foam in other than trace amounts.

ARG790000- GROUNDWATER CLEANUP UNITS

- Effective April 1, 2016
- Expires March 31, 2021
- Number of Current Active Permits - 7
- Permit Fee \$500

- Authorizes construction of a treatment system and discharge of treated groundwater and surface water that is directly related to a groundwater petroleum remediation site

- Licensed Industrial Operator (Reg. 3)



ARG790000- GROUNDWATER CLEANUP UNITS

■ Exclusions

- Direct discharges into ERW, ESW, NSW, and losing streams
- 303(d) listed streams or TMDLs for parameters not addressed by this permit
- Multi-component waste that is not solely comprised of petroleum contaminated groundwater and surface water
- Facilities requiring financial assurance
- Significant non-compliance with another permit
- Industrial subcategory with more stringent ELGs
- Facilities implementing a groundwater remediation project outside the scope of this permit

ARG790000- GROUNDWATER CLEANUP UNITS

■ Exclusions

- On-Scene Coordinator Emergency Response Action
- Federal Superfund Cleanup Action
- UIC Permitted facilities

Effluent Characteristics	Discharge Limitations		Monitoring Requirements	
	Concentration (µg/L, unless otherwise specified)		Frequency	Sample Type
	Monthly Avg.	Daily Max		
Flow ¹	Report	Report	2/week	instantaneous
Total Petroleum Hydrocarbons (TPH) ⁴	3.4 mg/L	5 mg/L	1/week	Grab
Benzene ⁵	3.4	5	1/week	Grab
Polynuclear Aromatic Hydrocarbons (PAH) ³	6.7	10	1/week	Grab
Benzo(a)pyrene (BaP) ⁸	0.14	0.2	1/week	Grab
Total BTEX ^{4, 6}	68.5	100	1/week	Grab
Total Suspended Solids (TSS)	35 mg/L	53 mg/L	1/week	Grab
pH	<u>Minimum</u> 6.0 s.u.	<u>Maximum</u> 9.0 s.u.	1/week	Grab
Acute WET ³	Not < 100%		once/month	Grab ⁷
<u>Pimephales promelas (Acute)</u> ³ Pass/Fail Lethality (48-Hr NOEC) TEM6C Survival (48-Hr NOEC) TOM6C Coefficient of Variation (48-Hr NOEC) TQM6C	<u>48-hr Minimum</u> Report (Pass=0/Fail=1)		once/month	Grab ⁷
	Report %		once/month	Grab ⁷
	Report %		once/month	Grab ⁷
<u>Daphnia pulex (Acute)</u> ³ Pass/Fail Lethality (48-Hr NOEC) TEM3D Survival (48-Hr NOEC) TOM3D Coefficient of Variation (48-Hr NOEC) TQM3D	<u>48-hr Minimum</u> Report (Pass=0/Fail=1)		once/month	Grab ⁷
	Report %		once/month	Grab ⁷
	Report %		once/month	Grab ⁷

ARG870000- PESTICIDE DISCHARGES

- Effective March 1, 2012
 - Modified April 1, 2013
 - Expires February 28, 2017
 - Number of Current Active Permits- 67
 - Permit Fee \$200
-
- Authorizes discharge of biological pesticides or chemical pesticides that leave a residue in water when applications are made into, over, or near Waters of the State



ARG870000- PESTICIDE DISCHARGES

- **Status of Renewal**
 - Issued August 29, 2016
 - Recertifications mailed September 1, 2016
- **Automatic Coverage is available!**
 - No permit fee with automatic coverage



ARG870000- PESTICIDE DISCHARGES

- Automatic Coverage with Modification
- No submittals to the Department
- No Fee
- Post Automatic Notice of Coverage at the Site or Physical Address of Operator



Site with Automatic Coverage for
Pesticides Application Under
APC&EC Reg. 6.206 & Pesticides
General Permit ARG870000

Notice of Coverage

The following information is posted in compliance with APC&EC Reg.6.206 for discharges of pesticides. A copy of this NOC must be posted at the site or kept at the physical address of the operator prior to commencing the pesticide application.

Contact Name:	
Phone Number:	
Project Description: (Ex: City Name Mosquito Control)	
Start Date:	
Approximate End Date:	

I _____ (Typed or Printed Name of Person Completing this Certification) certify under penalty of law that I have read and understand the eligibility requirements for claiming an authorization under APC&EC Reg. 6.206 and General Permit ARG870000. Pesticides will be handled, used, and applied in accordance with state laws and regulations and the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), 7 U.S.C. § 136 et seq., which include all instructions on the pesticide label. I am aware there are significant penalties for providing false information or for conducted unauthorized discharges, including the possibility of fine and imprisonment for knowing violations.

Signature

Title

Date

QUESTIONS?

Jessica Temple
templej@adeq.state.ar.us
501-682-0621

