



ADDENDUM NO. 1

TO: ALL BIDDERS

DATE: April 4, 2018

PROJECT: Saline County Regional Airport
FEMA Drainage Mitigation Project

The plans and contract documents shall be modified as described below. **All Bidders shall include this Addendum (2 pages) with their Bid submittal.** This Addendum becomes a part of the plans and contract documents. All provisions of the original plans and contract documents shall remain in full force and effect, except as modified by this Addendum.

Item No. 1

Plan Sheet 1 of 3:

- Added "Rough Volume" table. Such table is for information only and will not serve as the basis for payment. All Bidders shall confirm their own quantities of earthwork and include price for same in their Bid. Excavation quantities shown are based on "neat line" measurements and do NOT include shrinkage factors for in-place versus compacted quantities.

It is intended that all excess cut materials will be used to form a berm on the west side of the ditch channel as directed by the Airport Manager.

- See Section A-A. REDUCED width of grouted rip-rap at fence repair area from 25 feet either side of fence centerline to 10 feet either side of fence centerline.

Item No. 2

ADDED Plan Sheet 3A of 3, dated April 4, 2018, which includes Erosion Control and SWPPP requirements.

Item No. 3

ADDED a Stormwater Pollution Prevention Plan (SWPPP) for the Contractor's use during construction. The Contractor is responsible for completing all contractor-noted duties stated therein, including post-rain event inspections among others. A Notice of Intent is NOT required for this site.

Item No. 4

Bidders, as a separate line-item Bid, SHALL price "Hydro-Mulch Seeding" for all disturbed areas. Payment for Hydro-Mulch Seeding shall be limited to a maximum of 3.2 acres. Addition of this bid item to the scope of work will be at the discretion of the Saline County Airport Commission.

ADDENDUM NO. 1 ISSUED BY:
MORRISON-SHIPLEY ENGINEERS, INC.



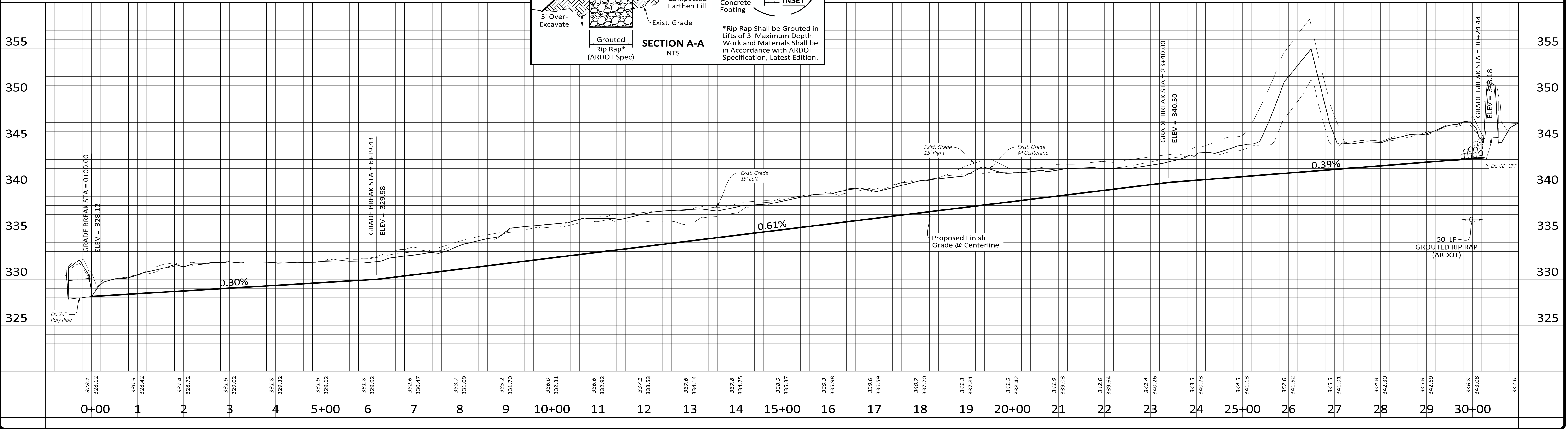
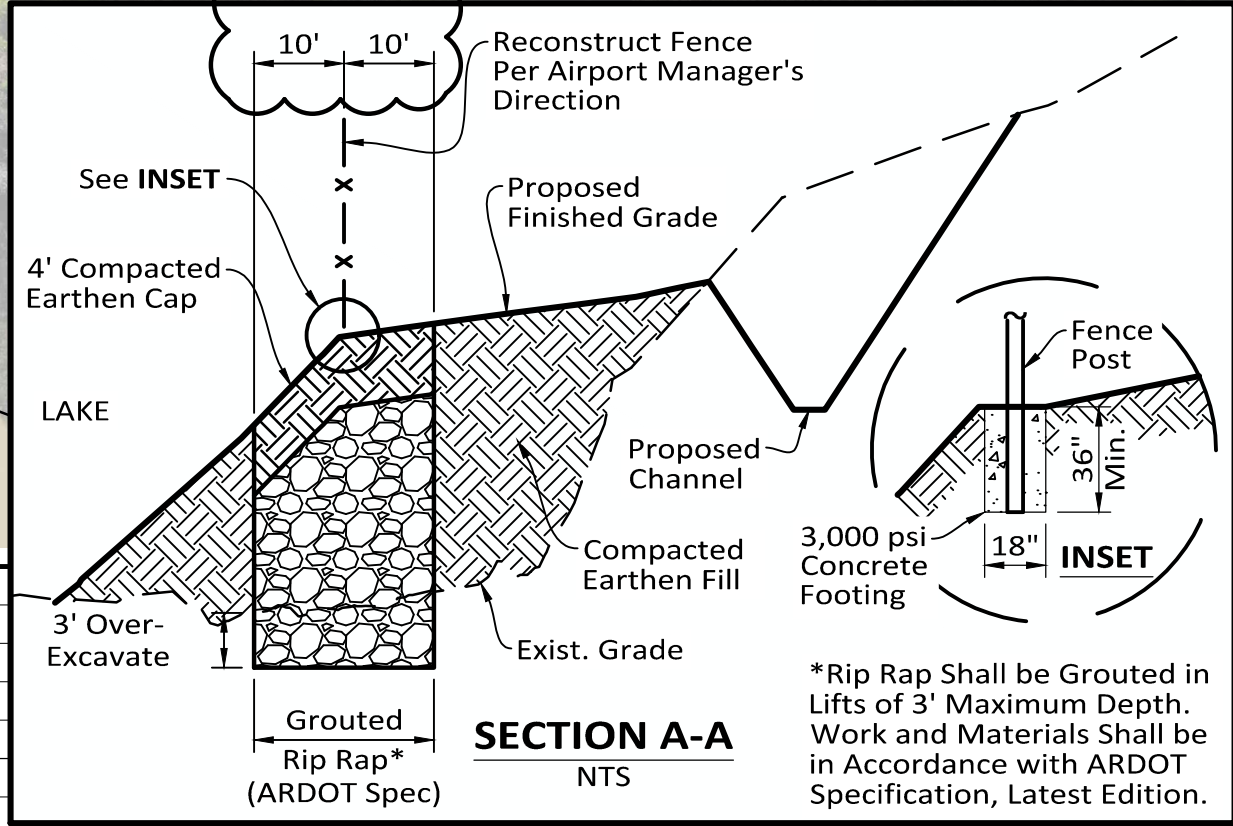
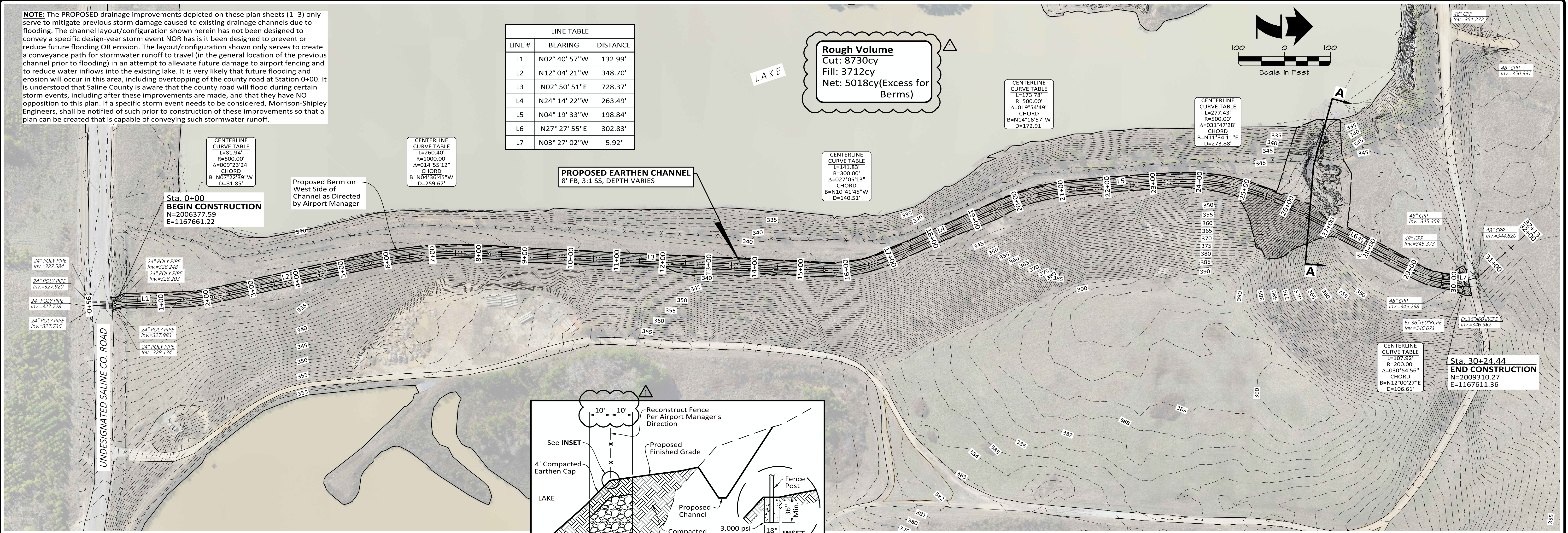
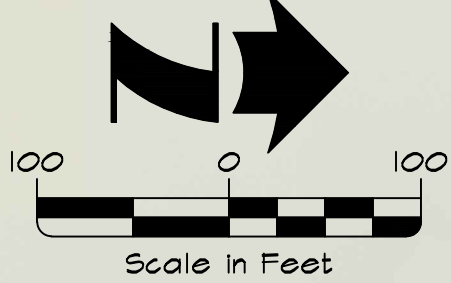
Greg Shipley PE

SUBMIT THIS DOCUMENT WITH YOUR BID!!!

NOTE: The PROPOSED drainage improvements depicted on these plan sheets (1- 3) only serve to mitigate previous storm damage caused to existing drainage channels due to flooding. The channel layout/configuration shown herein has not been designed to convey a specific design-year storm event NOR has it been designed to prevent or reduce future flooding OR erosion. The layout/configuration shown only serves to create a conveyance path for stormwater runoff to travel (in the general location of the previous channel prior to flooding) in an attempt to alleviate future damage to airport fencing and to reduce water inflows into the existing lake. It is very likely that future flooding and erosion will occur in this area, including overtopping of the county road at Station 0+00. It is understood that Saline County is aware that the county road will flood during certain storm events, including after these improvements are made, and that they have NO opposition to this plan. If a specific storm event needs to be considered, Morrison-Shipley Engineers, shall be notified of such prior to construction of these improvements so that a plan can be created that is capable of conveying such stormwater runoff.

LINE TABLE		
LINE #	BEARING	DISTANCE
L1	N02° 40' 57"W	132.99'
L2	N12° 04' 21"W	348.70'
L3	N02° 50' 51"E	728.37'
L4	N24° 14' 22"W	263.49'
L5	N04° 19' 33"W	198.84'
L6	N27° 27' 55"E	302.83'
L7	N03° 27' 02"W	5.92'

Rough Volume
Cut: 8730cy
Fill: 3712cy
Net: 5018cy(Excess for Berms)



Revision	By	Date
1 ADDENDUM #1	GDS	04.04.18

MORRISON SHIPLEY
ENGINEERS • SURVEYORS
P.O. Box 10064 • Fort Smith, AR 72917 • 479.452.1933 • morrisonshipley.com



Drawn By:	JMN
Approved By:	BSM
Date:	03.28.18
Project No:	SAL-31

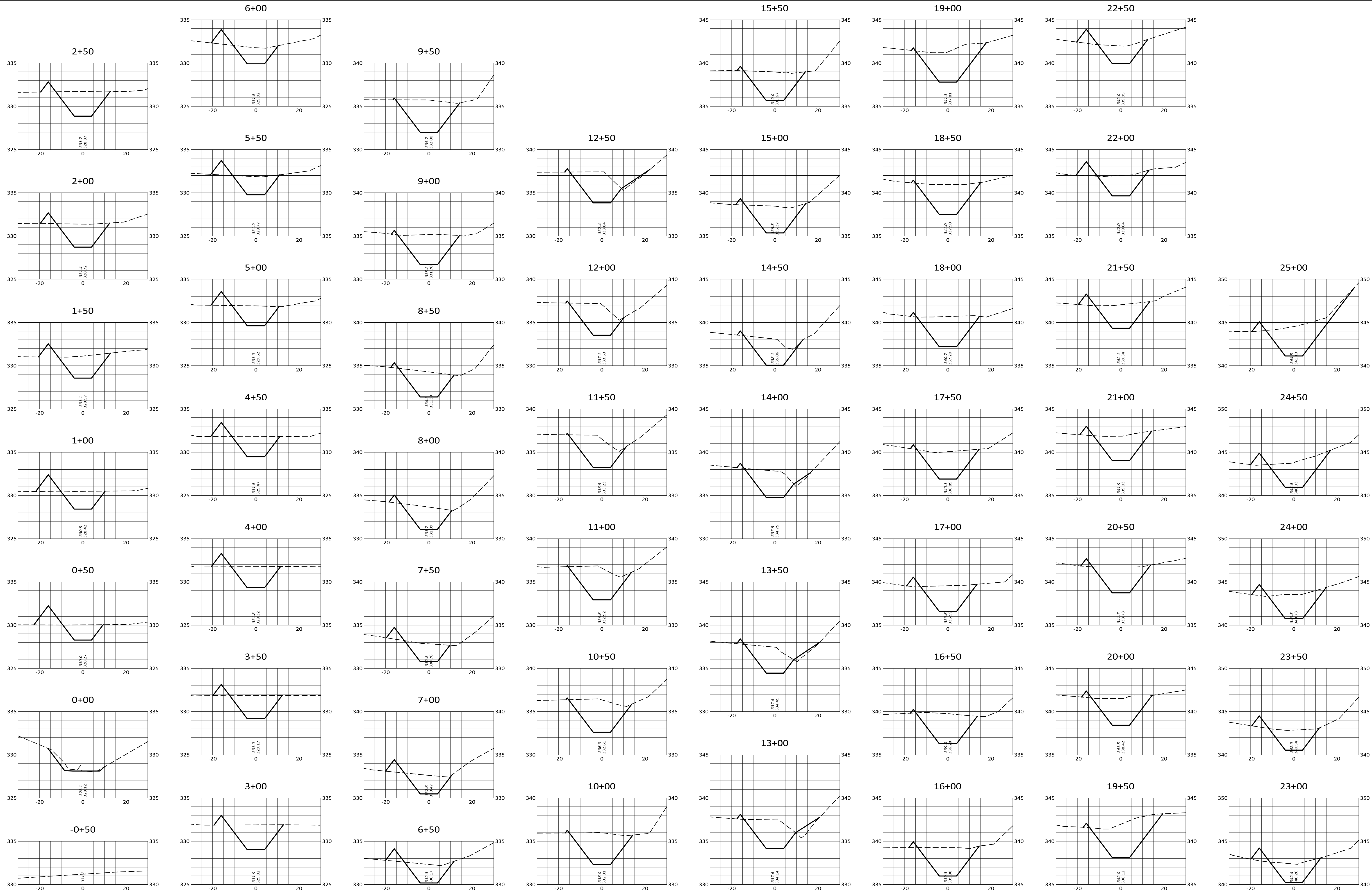
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Horizontal Scale:	1" = 40'
Plotting Scale:	1" = 40'
Drawing Name:	BASE

FEMA DRAINAGE MITIGATION
Saline County Regional Airport
Bryant, Saline County, Arkansas

PLAN and PROFILE
Issued - 04.04.18

Sheet No:
1
3

Drawing Name: M:\USC\KCRUSA\310\0405A-310\0405A-310.dwg Last Modified: Apr 04, 2018 - 4:11pm Plotted on: Apr 04, 2018 - 4:20pm By: jmn



Revision	By	Date

MORRISON

**SHIPLEY**
ENGINEERS • SURVEYORS

P.O. Box 10064

Fort Smith, AR 72917

479.452.1933

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Drawn By:	JMN
Approved By:	BSM
Date:	03.28.18
Project No:	SAL-31

Vertical Scale:	1" = 10'
Horizontal Scale:	1" = 20'
Plotting Scale:	1" = 10'
Drawing Name:	BASE

FEMA DRAINAGE MITIGATION
Saline County Regional Airport
Bryant, Saline County, Arkansas

CROSS SECTIONS

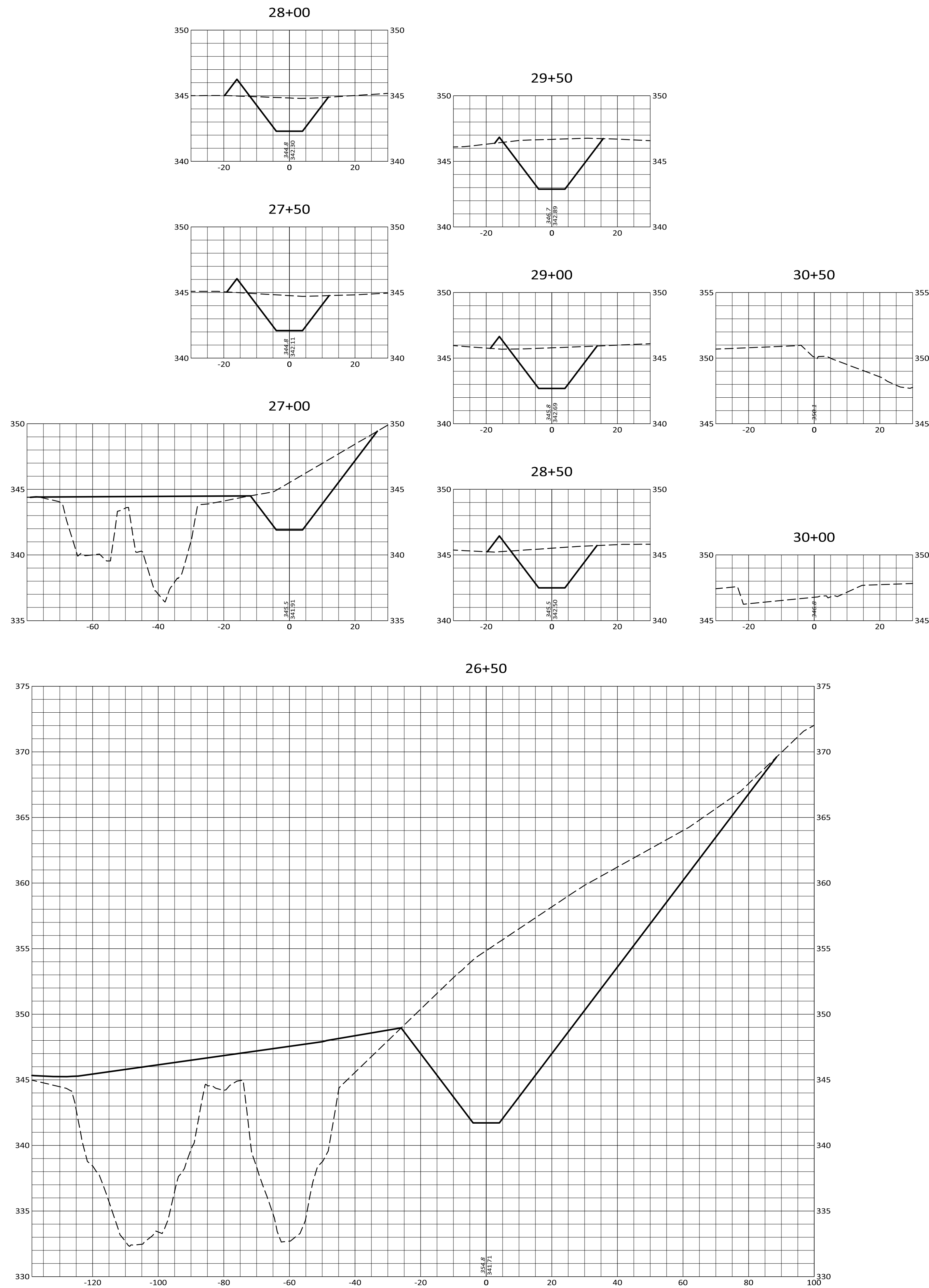
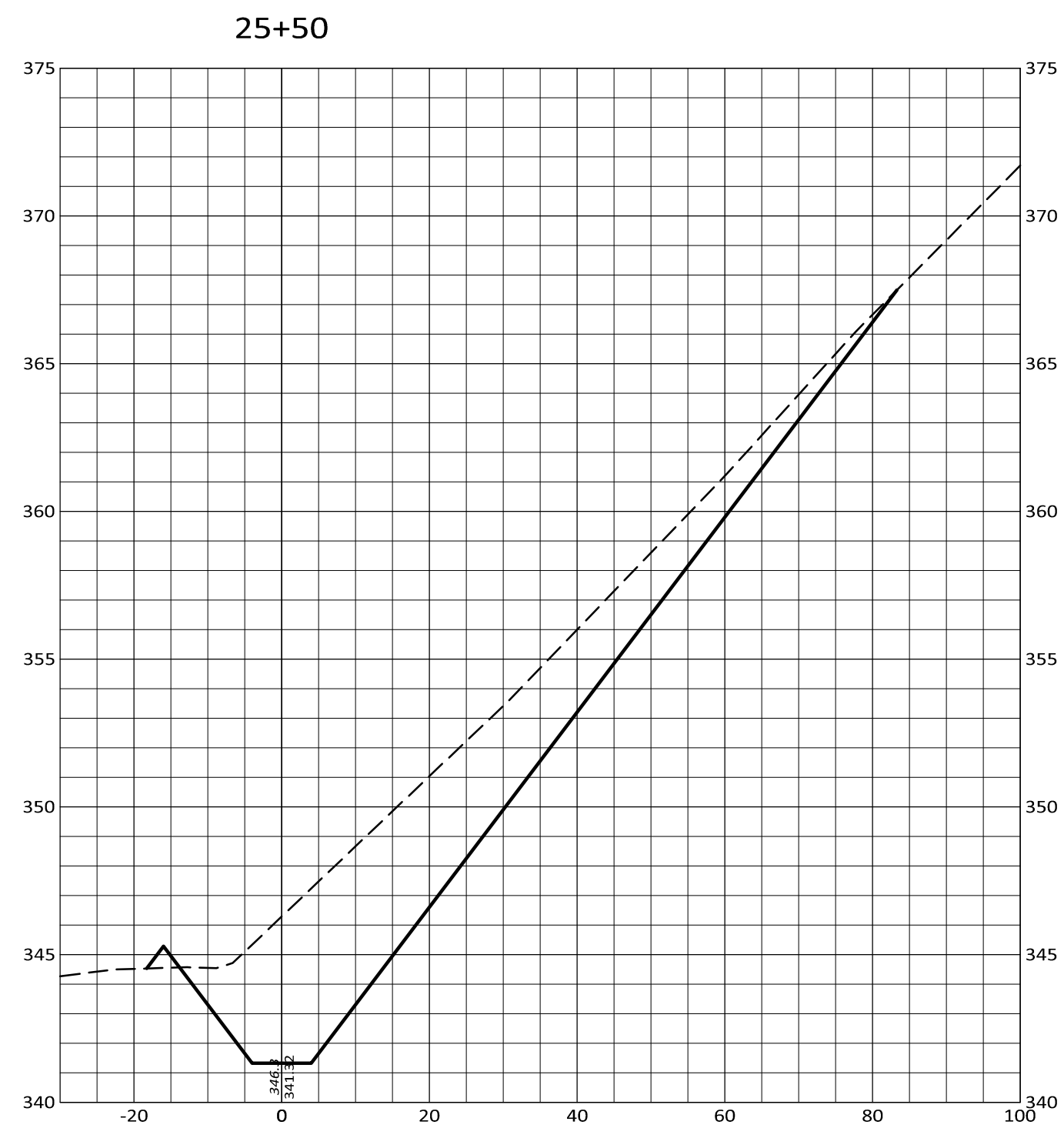
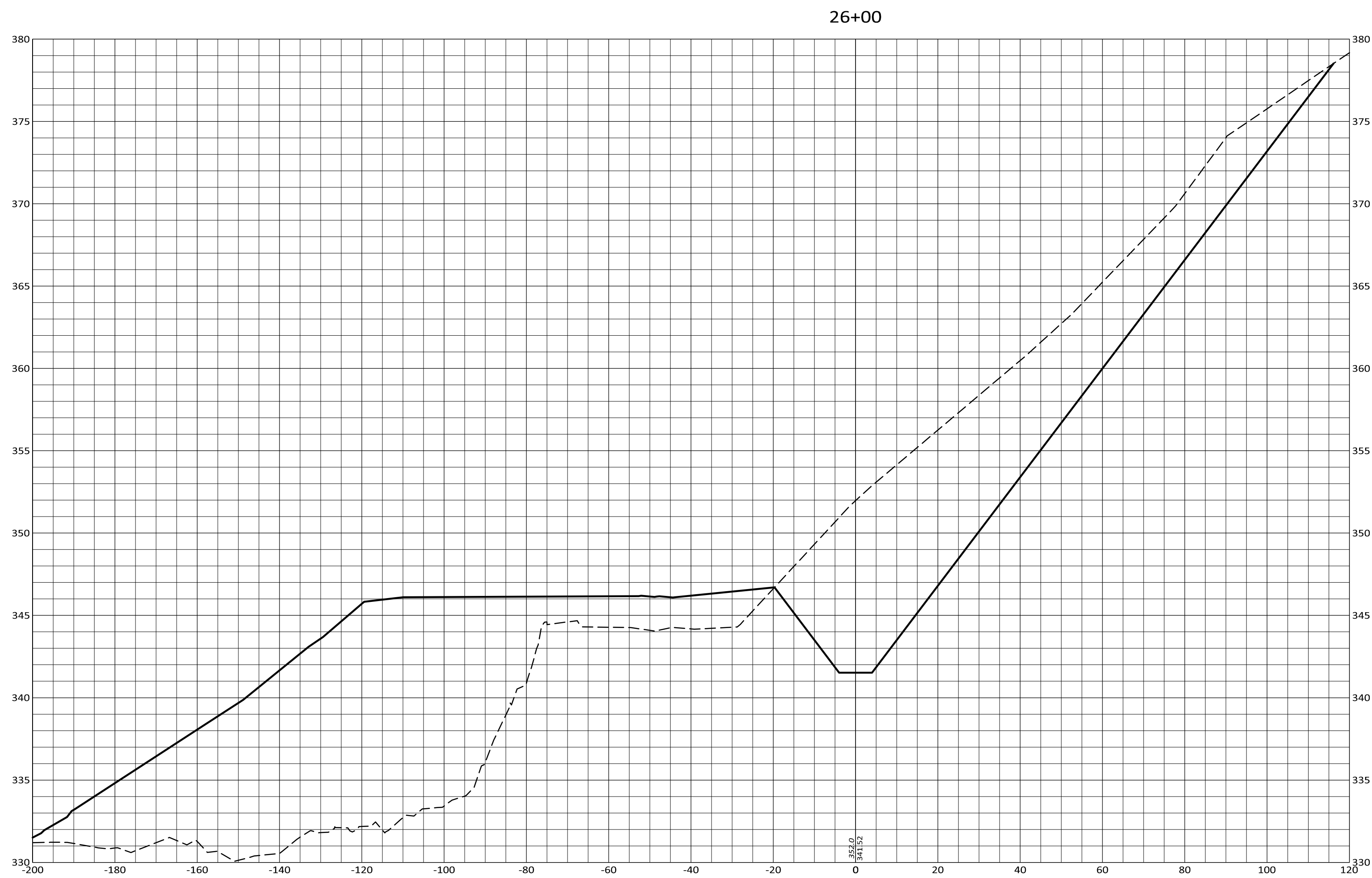
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Sheet No:

2

3

Drawing Name: M:\USC\KROUSA\3\DWG\SA-31 BASE.dwg Last Modified: Apr 04, 2018 - 4:17pm Plotted on: Apr 04, 2018 - 4:20pm by jmnova



Revision	By	Date

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Drawn By:	JMN
Approved By:	BSM
Date:	03.28.18
Project No:	SAL-31

Vertical Scale:	—
Horizontal Scale:	?
Plotting Scale:	1
Drawing Name:	BASE

FEMA DRAINAGE MITIGATION
Saline County Regional Airport
Bryant, Saline County, Arkansas

CROSS SECTIONS

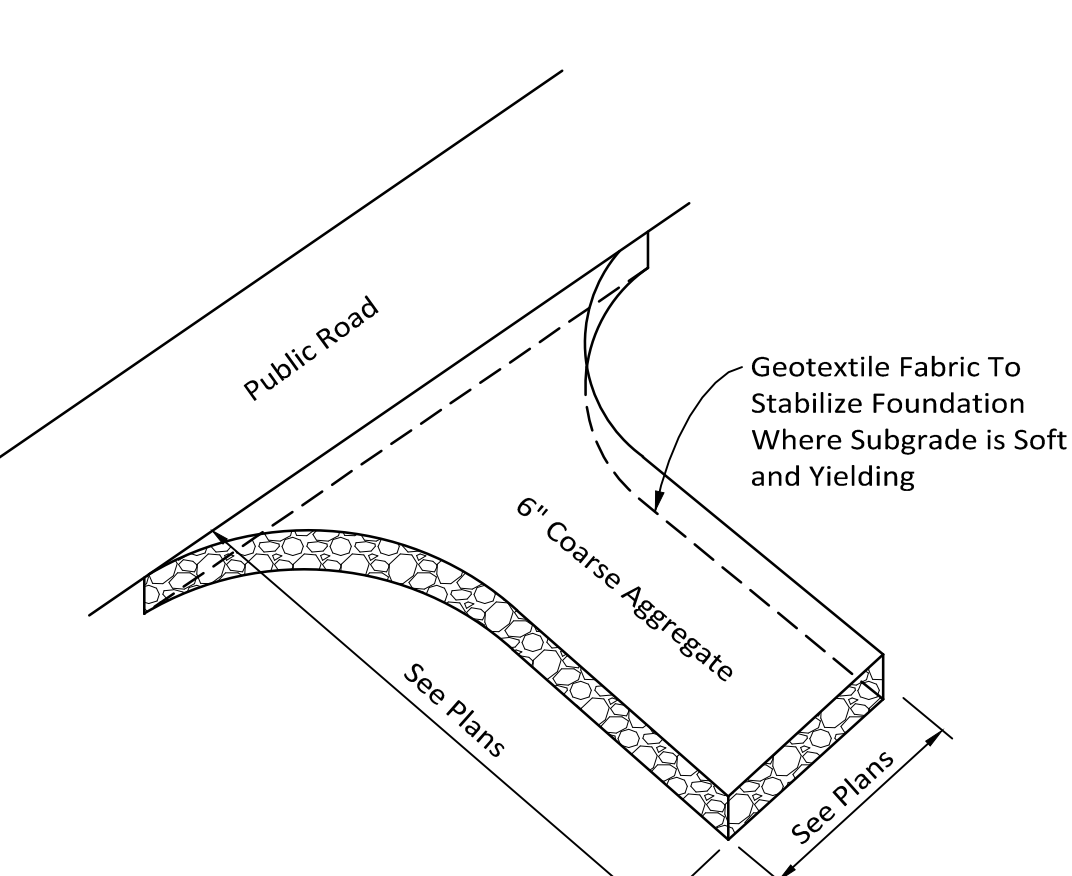
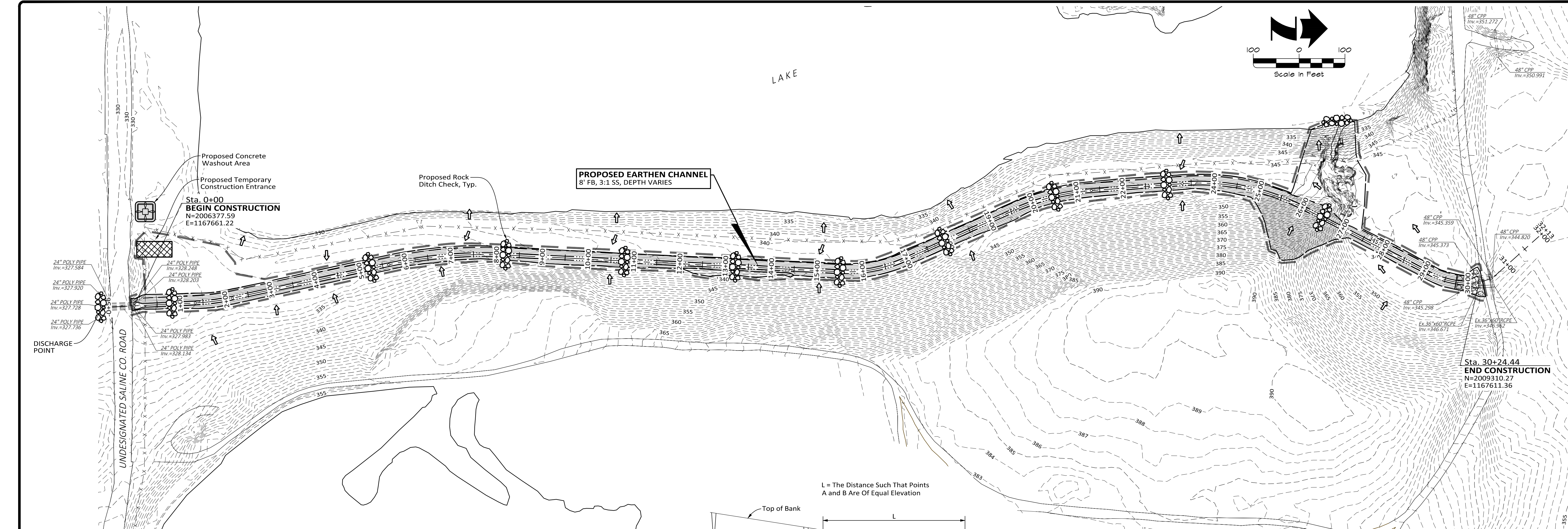
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Sheet No:

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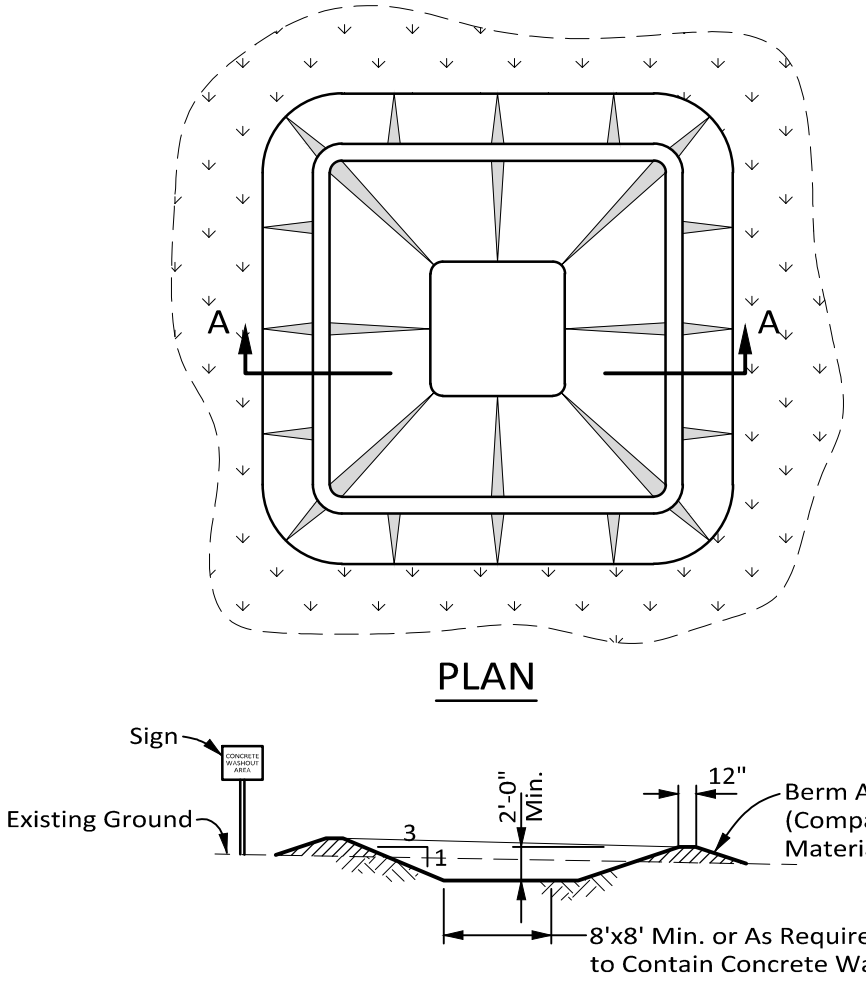
3

The Original Signed and Sealed Document is on file at the Office of Record



- NOTES:**
- Coarse Aggregate Shall be 3" to 6" Crushed Stone.
 - Clear The Entrance Or Exit Area Of All Vegetation, Roots, And Other Objectionable Material And Excavate to Grade.
 - Place The Aggregate to the Grade and Dimensions Shown On The Plans.
 - Maintain The Gravel Pad In A Condition To Prevent Mud Or Sediment From Leaving The Site. Immediately Remove All Objectionable Materials Spilled, Washed, Or Tracked Onto Public Roadways.

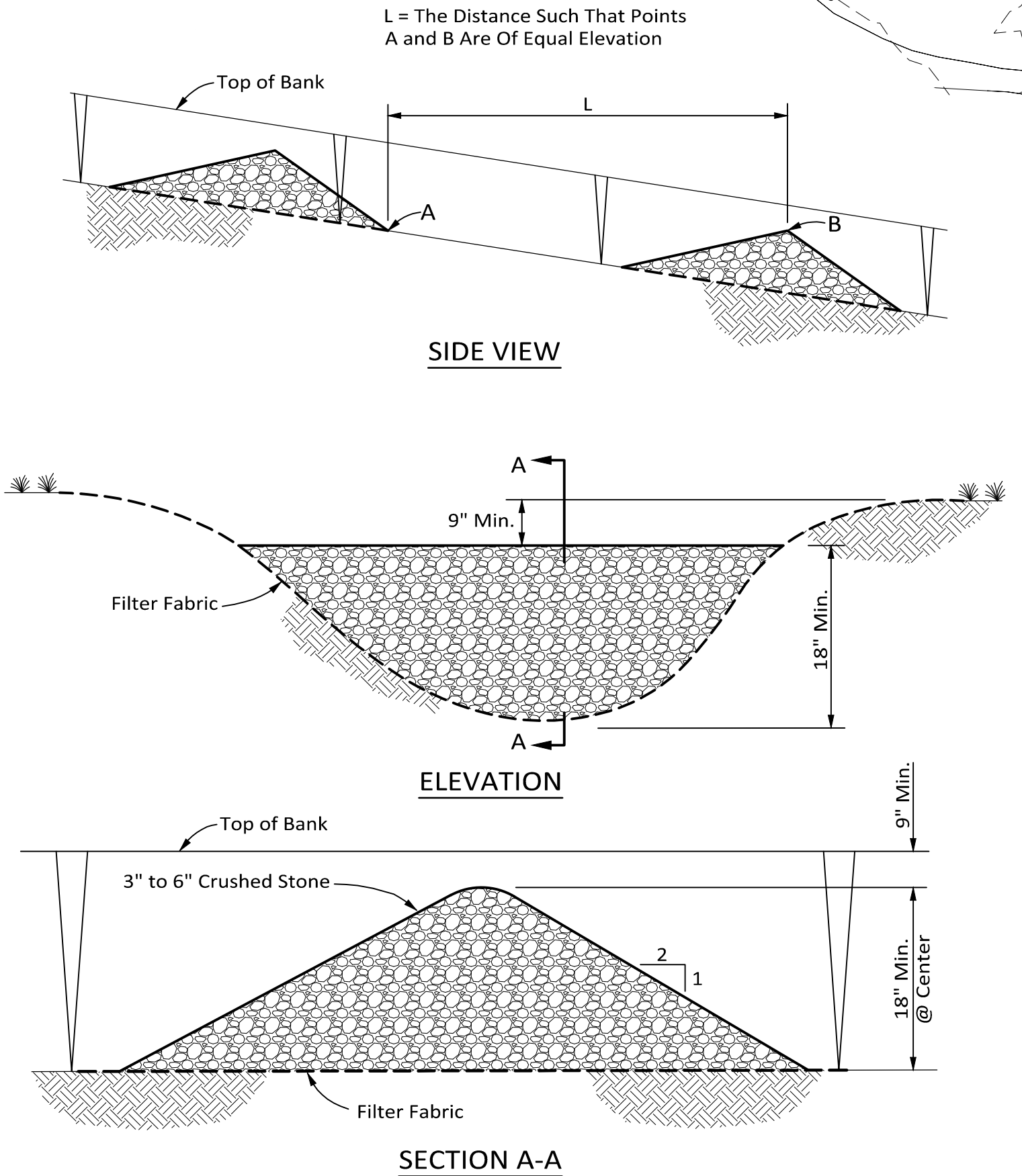
EC-30: TEMPORARY CONSTRUCTION ENTRANCE
Not to Scale
02-01-18



SECTION "A-A"

EC-50: CONCRETE WASHOUT AREA
Not to Scale
02-01-18

- NOTES:**
- Concrete Washout Area Shall be Installed Prior to Any Concrete Placement on Site.
 - Vehicle Tracking Control is Required at Concrete Washout Entrance if Access to Concrete Washout Area is Off Pavement.
 - The Concrete Washout Area Shall be Repaired and/or Enlarged as Necessary to Maintain Capacity for Waste Concrete.
 - Waste Material From Concrete Washout Operations Must Be Removed and Legally Disposed of When it has Accumulated Two-Thirds of the Wet Storage Capacity of the Structure.
 - At the End of Construction, All Concrete Shall Be Removed From the Site and Legally Disposed of at an Approved Waste Site.
 - When the Concrete Washout Area is Removed, the Disturbed Area Shall Be Seeded and Mulched or Otherwise Stabilized.

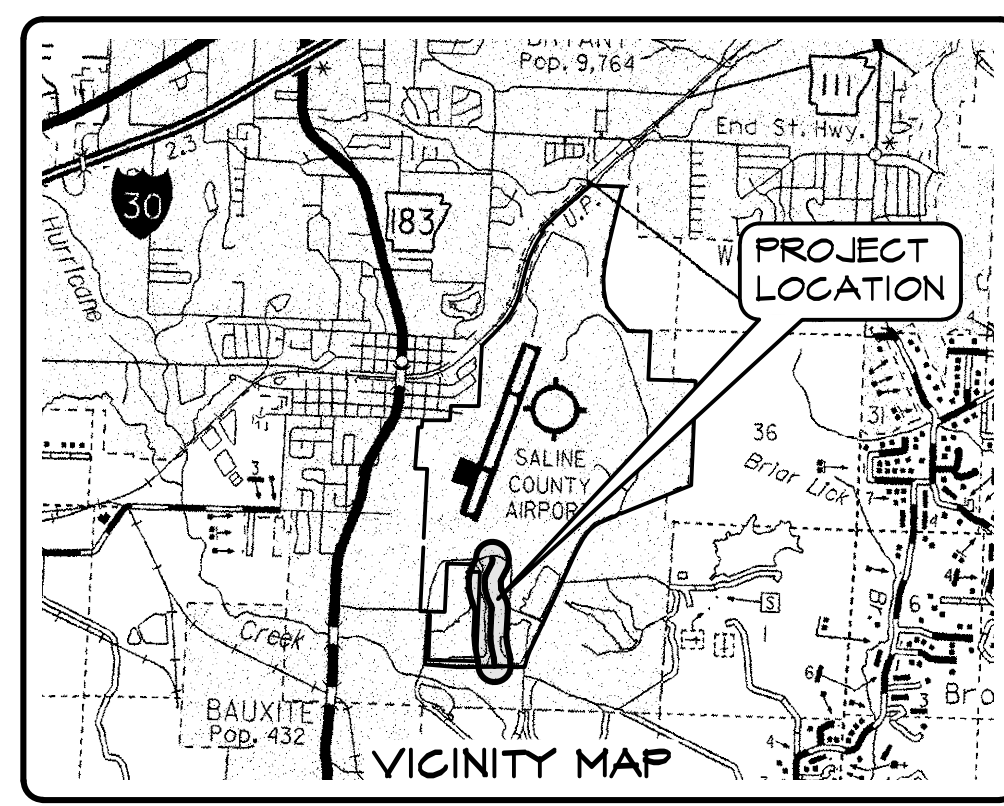


SECTION A-A

EC-60: TEMPORARY ROCK DITCH CHECK
Not to Scale
02-01-18

LEGEND

- Temp. Stabilized Construction Entrance
- Proposed Rock Ditch Check
- Direction Of Run-off
- Proposed Concrete Washout
- Limits Of Disturbance
- Proposed Finished Grade Contour
- Existing Grade Contour
- Exist. Drainage Pipe



- EROSION CONTROL NOTES**
- No Construction Activities Shall Begin Until Appropriate Erosion Control Measures Have Been Installed. The Contractor Shall Take All Precautions To Prevent Soil Sediment From Leaving The Site. All Erosion Control Measures Shall Be Maintained Until All Contributing Areas Are Graded And Stabilized. Additional Erosion And Sediment Control Measures Shall Be Installed If Deemed Necessary.
 - All Disturbed Areas And Slopes Shall Be Graded Smooth.
 - All Disturbed Soil Shall Be Stabilized If Construction Site is Left For Greater Than 14 Days.
 - The Contractor Shall Inspect, Repair, And Add Stone To The Stabilized Construction Entrance When It Becomes Saturated With Mud To Insure It Functions As It Was Intended.
 - All Erosion And Sediment Control Devices Shall Be Inspected, Cleaned, And Repaired Following Rain Events.
 - Dust Control On Site Shall Be Performed By Spraying Water On Dry Areas Of The Site. The Use Of Oils And Other Petroleum Based Or Toxic Liquids For Dust Suppression is Strictly Prohibited. Contractor Shall Carry Out Effective Measures Whenever And As Often As Necessary To Prevent His Operations From Producing Dust That is Damaging Or Causes A Nuisance To Persons Or Property In The Vicinity. Dust Abatement Shall Continue Until The Contractor is Relieved Of That Responsibility By The Owner.
 - Contractor Shall Immediately Seed Any Areas Where Grading Activities Have Been Completed and Approved by Airport Manager.

- SEQUENCE OF CONSTRUCTION**
- Install Stabilized Construction Entrances.
 - Begin Earthwork Operations.
 - Install Rock Ditch Check In Conjunction with Channel Excavation.
 - Complete Grading and Install Permanent Seeding to All Disturbed Areas.
 - Remove all Temporary Erosion and Sediment Control Devices (Only if Site is Stabilized).

Drawing Name: M:\USERS\GDS\A\30\DRG\30A-31.DWG (SAL-31) BASELINE Last Modified: Apr 04, 2018 - 4:17pm Plotted on: Apr 04, 2018 - 4:20pm by jphouse

Revision	By	Date
1 ADDENDUM #1 ADDED SHEET 3A	GDS	04.04.18

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Drawn By:	JMN
Approved By:	BSM
Date:	04.04.18
Project No:	SAL-31

Vertical Scale:	—
Horizontal Scale:	1"=100'
Plotting Scale:	1
Drawing Name:	BASE

FEMA DRAINAGE MITIGATION
Saline County Regional Airport
Bryant, Saline County, Arkansas

EROSION CONTROL PLAN
Issued - 04.04.18

Sheet No:
3A
3

Storm Water Pollution Prevention Plan (SWPPP) for Construction
Activity for Small Construction Sites

National Pollutant Discharge Elimination System (NPDES)
General Permit # ARR150000

Prepared for:

Saline County Regional Airport

1100 Hill Farm Road.
Bryant, AR 72022

Date:

April 2018

Prepared by:

Morrison-Shipley Engineers, Inc.
5704 Euper Lane, Suite 200
Fort Smith, AR 72903

Project Name and Location: **FEMA Drainage Mitigation, Bryant, Saline County, AR**

Property Parcel Number (Optional): _____

Operator Name and Address: **ATTN: Dane Pruitt, Manager, Saline County Regional Airport Commission, 1100 Hill Farm Road, Bryant, AR 72022. Phone: 501-672-9809**

A. Site Description

- a. Project description, intended use after NOI is filed: **The work to be completed consists of an earthen channel running South to collect water runoff. An Erosion Control Plan is included in Appendix A.**
- b. Sequence of major activities which disturb soils: **Operator shall update Erosion Control Plan with installed locations of erosion control measures, if any of these differ from what the Erosion Control Plan shows.**
 1. Install stabilized construction exit(s) if necessary.
 2. Install silt fence(s) (If necessary), ditch checks, and washouts where necessary.
 3. Notify Owner to Perform Inspection of initial BMP's.
 4. Install and stabilize hydraulic control structures as necessary.
 5. Construct the earthen channel
 6. Perform grading operations and permanently stabilize areas to be vegetated as they are brought to final grade.
 7. Obtain concurrence from the Owner that the site has been fully stabilized.
 8. Remove all remaining temporary erosion and sediment control devices and stabilize areas disturbed by the removal of BMP's.
 9. Continue Inspection Reports until the end of contract period.

NOTE: The Erosion Control Plan does not reflect locations for stabilized construction exits. Through coordination of the Contractor and Engineer, these locations will be established during construction, and the Plans will be updated accordingly at that time.

- c. Total Area: **500+ ac.** Disturbed Area: **3.2 ac. +/-**

B. Responsible Parties

Be sure to assign all SWPPP related activities to an individual or position; even if the specific individual is not yet known (i.e. contractor has not been chosen).

Individual/Company	Phone Number	Service Provided for SWPPP (i.e., Inspector, SWPPP revisions, Stabilization Activities, BMP Maintenance, etc.)
Greg Shipley, Morrison-Shipley Engineers, Inc.	479-452-1933	Project Engineer
Dane Pruitt, Saline County Regional Airport Manager	501-672-9809	Owner
		Contractor and SWPPP implementation/maintenance

C. Receiving Waters

- a. The following waterbody (or waterbodies) receives storm water from this construction site:

Discharges into Hurricane Creek, then to the Saline River, thence to the Ouachita River.

- b. Is the project located within the jurisdiction of an MS4? ☒ Yes ☐ No

i. If yes, Name of MS4: **City of Bryant**

- c. Ultimate Receiving Water:

☐ Red River
☒ Ouachita River
☐ Arkansas River

☐ White River
☐ St. Francis River
☐ Mississippi River

D. Site Map Requirements (Attach Site Map):

- Pre-construction topographic view;
- Direction of stormwater flow (i.e., use arrows to show which direction stormwater will flow) and approximate slopes anticipated after grading activities;
- Delineate on the site map areas of soil disturbance and areas that will not be disturbed under the coverage of this permit;
- Location of major structural and nonstructural controls identified in the plan;
- Location of main construction entrance and exit;
- Location where stabilization practices are expected to occur;

- g. Locations of off-site materials, waste, borrow area, or equipment storage area;
- h. Location of areas used for concrete wash-out;
- i. Location of all surface water bodies (including wetlands) with associated natural buffer boundary lines. Identify floodplain and floodway boundaries, if available;
- j. Locations where stormwater is discharged to a surface water and/or municipal separate storm sewer system if applicable,
- k. Locations where stormwater is discharged off-site (should be continuously updated);
- l. Areas where final stabilization has been accomplished and no further construction phase permit requirements apply;
- m. A legend that identifies any erosion and sediment control measure symbols/labels used in the site map and/or detail sheet; and
- n. Locations of any storm drain inlets on the site and in the immediate vicinity of the site.

E. Stormwater Controls

- a. Initial Site Stabilization, Erosion and Sediment Controls, and Best Management Practices:
 - i. Initial Site Stabilization:

Install erosion control “Best Management Practices” (BMPs) prior to clearing and maintain those in place until final stabilization is complete. Upon initial stabilization of the initial construction area, additional area may be disturbed as the project progresses and sediment controls will continue to be maintained. If a sediment control fails multiple times, it shall be replaced with a more adequate type of sediment control. When this failure occurs, it may cause sediment to escape the construction site and accumulate downstream. This sediment shall be removed from the bodies of water at intervals such that the off-site impact is minimized. NOTE: This permit does NOT give the authority to trespass onto other properties; therefore, this condition should be carried out along with the permission of neighboring land owners to remove sediment. Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from becoming a pollutant source for stormwater discharges (e.g., screening outfalls picked up daily).

ii. Erosion and Sediment Controls:

Install erosion control “Best Management Practices” (BMPs) prior to clearing and maintain those in place until final stabilization is complete.

Install temporary construction entrances where necessary. Install silt fence (If necessary) of geosynthetic materials on the downslope area of the work area, and other locations where erosion occurs or has the potential to occur. Install rock ditch checks every 18” of vertical elevation fall in the proposed earthen channel. Washout area where applicable.

- iii. If periodic inspections or other information indicates a control has been used inappropriately or incorrectly, the operator will replace or modify the control for site situations: ☒ Yes ☐ No

If No, explain: _____

- iv. Off-site accumulations of sediment will be removed at a frequency sufficient to minimize off-site impacts: ☒ Yes ☐ No

If No, explain: _____

- v. Sediment will be removed from sediment traps or sedimentation ponds when design capacity has been reduced by 50%: ☒ Yes ☐ No

If No, explain: **This applicable for rock ditch checks. No formal sediment traps or ponds are proposed.**

- vi. Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from becoming a pollutant source for stormwater discharges: ☒ Yes ☐ No

If No, explain: _____

- vii. Off-site material storage areas used solely by the permitted project are being covered by this SWPPP: ☐ Yes ☒ No

If Yes, explain additional BMPs implemented at off-site material storage area: _____

b. Stabilization Practices

- i. Description and Schedule: **The contractor shall keep, with the plans, a record of the dates when major grading activities occur, when construction activities cease on portions of the site, either temporary or permanent, or when stabilization measures are initiated. Stabilization shall consist of sodded or seeding disturbed areas.**

- ii. Are buffer areas required? ☒ Yes ☐ No

If Yes, are buffer areas being used? ☒ Yes ☐ No

If No, explain why not: _____

If Yes, describe natural buffer areas: **The work is being performed adjacent to an existing lake. Construction will not encroach within 50' of the shoreline with the exception of a severely washed out area that is to be restored as part of this project. The buffer area generally consists of vegetated/brush type areas.**

- iii. A record of the dates when grading activities occur, when construction activities temporarily or permanently cease on a portion of the site, and when stabilization measures are initiated shall be included with the plan.

☒ Yes ☐ No

If No, explain:

N/A

- iv. Deadlines for stabilization:

1. Stabilization procedures will be initiated 14 days after construction activity temporarily ceases on a portion of the site.
2. Stabilization procedures will be initiated immediately in portions of the site where construction activities have permanently ceased.

c. Structural Practices

- i. Describe any structural practices to divert flows from exposed soils, store flows, or otherwise limit runoff and the discharge of pollutants from exposed areas of the site:

Construction consists of an earthen channel that is generally positioned at the low point of the site. Rock ditch checks will be installed in the channel to prevent sediment from escaping at the discharge end.

- ii. Describe Velocity Dissipation Devices: **As necessary, temporary rock ditch checks will be installed in the earthen channel.**

iii. Sediment Basins:

Are 10 or more acres draining to a common point? ☐ Yes ☒ No

Is a sediment basin included in the project? ☐ Yes ☒ No

If Yes, what is the designed capacity for the storage?

☐ 3600 cubic feet per acre = : N/A

or

☐ 10 year, 24 hour storm = : N/A

☐ Other criteria were used to design basin: N/A

If No, explain why no sedimentation basin was included and describe required natural buffer areas and other controls implemented instead: **Less than 10 disturbed acres drain to a common point.**

F. Other Controls

a. Solid materials, including building materials, shall be prevented from being discharged to Waters of the State: ☒ Yes ☐ No

b. Off-site vehicle tracking of sediments and the generation of dust shall be minimized through the use of:

☒ A stabilized construction entrance and exit

☐ Vehicle tire washing

☐ Other controls, describe:

c. Temporary Sanitary Facilities: **Sanitary services for construction personnel shall be provided onsite, by means of portable toilets or similar. Personnel will not be required to leave the site for such services. Disposal of waste from the sanitary services will be in accordance with state and local regulations.**

d. Concrete Waste Area Provided:

☒ Yes

☐ No. Concrete is used on the site, but no concrete washout is provided.

Explain why:

☐ N/A, no concrete will be used with this project

e. Fuel Storage Areas, Hazardous Waste Storage, and Truck Wash Areas: **The following materials or substances with known hazardous properties are expected to be present onsite during construction:**

**Petroleum based products
Concrete Additives**

Fertilizers

Concrete

The following are the material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to stormwater runoff.

The following good housekeeping practices will be followed onsite during the construction project.

An effort will be made to store only enough product required to do the job.

All materials stored onsite will be stored in a neat, orderly manner and, if possible, under a roof or other enclosure.

Products will be kept in their original containers with the original manufacturer's label in legible condition.

Substances will not be mixed with one another unless recommended by the manufacturer.

Whenever possible, all of a product will be used up before disposing of the container.

Manufacturer's recommendations for proper use and disposal will be followed.

The job site superintendent will be responsible for daily inspections to ensure proper use and disposal of materials.

Hazardous Products:

These practices will be used to reduce the risks associated with hazardous materials.

Products will be kept in original containers with the original labels in legible condition.

Original labels and material safety data sheets (MSDS's) will be procured and used for each material.

If surplus product must be disposed of, manufacturer's or local/state/federal recommended methods for proper disposal will be followed.

A spill control and containment kit (containing, for example, absorbent such as kitty litter or sawdust, acid neutralizing powder, brooms, dust pans, mops, rags, gloves, goggles, plastic and metal trash containers, etc.) will be provided at the storage site.

All of the product in a container will be used before the container is disposed of. All such containers will be triple-rinsed with water prior to disposal. The rinse water used in these containers will be disposed of in a manner in compliance with state and federal regulations and will not be allowed to mix with stormwater discharges.

The following product specific practices will be followed on the job site.

Petroleum Products

All onsite vehicles will be monitored for leaks and receive regular preventative maintenance to reduce the chance of leakage. The use of temporary fuel storage will not be allowed on the project site. Construction equipment must be fueled by off-site based service trucks on an as-needed basis. No routine vehicle maintenance or servicing, such as oil changes, will be allowed on the project site. Petroleum products other than fuels will be stored in tightly sealed containers which are clearly labeled. Any asphalt substances used onsite will be applied according to the manufacturer's recommendations and may not be applied within 48 hours of forecasted rain. After placement of asphalt, emulsion or coatings, the Contractor shall maintain, for the duration of the asphalt products curing time, standby emergency personnel and equipment to contain any asphalt wash-off should an unexpected rain occur. If asphaltic materials such as "seal coat", emulsion, or other asphaltic products used for paving, roofing, etc., wash off or leave the project site, the Contractor shall notify local and state officials as required.

Fertilizers

Fertilizers will be applied only in the minimum amounts recommended by the manufacturer. Once applied, fertilizer will be worked in the soil to limit exposure to storm water. Storage will be in a covered shed. The contents of any partially used bags of fertilizer will be transferred to a sealable plastic bin to avoid spills.

Paints, Paint Solvents, and Cleaning Solvents

All containers will be tightly sealed and stored when not in use. Excess paint and solvents will not be discharged to the storm sewer system but will be properly disposed of according to manufacturer's instructions or state and federal regulations.

Spill Prevention Practices

In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup.

Manufacturer's recommended methods for spill cleanup will be clearly posted and site personnel will be trained regarding these procedures and the location of the information and cleanup supplies.

Materials and equipment necessary for spill cleanup will be kept in the material storage area onsite in spill control and containment kit (containing, for example, absorbent such as kitty litter or sawdust, acid neutralizing powder, brooms, dust pans, mops, rags, gloves, goggles, plastic and metal trash containers, etc.).

All spills will be cleaned up immediately after discovery. The spill area will be kept will ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with the hazardous substances.

Spills of toxic or hazardous materials will be reported to the appropriate federal, state, and/or local government agency, regardless of the size of the spill. Spills of amounts that exceed Reportable Quantities of certain substances specifically mentioned in federal regulations (40 CFR 302 list and oil) will be immediately reported to the EPA National Response Center, telephone 1-800-424-8802. Reportable Quantities of some substances which may be used at the job site are as follows:

oil - appearance of a film or sheen on water

pesticides - usually 1 lb.

acids - 5000 lb.

solvents, flammable - 100 lb.

This plan will be adjusted to include measures to prevent this type of spill from recurring and how to clean up the spill if there is another one. A description of the spill, what caused it, and the cleanup measures will also be included. If the spill exceeds a Reportable Quantity, all federal regulations regarding reports of the incident will be complied with.

The job site superintendent will be the spill prevention and cleanup coordinator. He will designate the individuals who will receive spill prevention and cleanup training. These individuals will each become responsible for a particular phase of prevention and cleanup.

G. Non-Stormwater Discharges

- a. The following allowable non-stormwater discharges comingled with stormwater are present or anticipated at the site:

☐ Fire-fighting activities;

☐ Fire hydrant flushings;

☒ Water used to wash vehicles (where detergents or other chemicals are not used) or control dust in accordance with Part II.A.4.H.2;

☐ Potable water sources including uncontaminated waterline flushings;

☐ Landscape Irrigation;

☐ Routine external building wash down which does not use detergents or other chemicals;

- ☐ Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled materials have been removed) and where detergents or other chemicals are not used;
- ☐ Uncontaminated air conditioning, compressor condensate (See Part I.B.12.C of the permit);
- ☐ Uncontaminated springs, excavation dewatering and groundwater (See Part I.B.13.C of the permit);
- ☐ Foundation or footing drains where flows are not contaminated with process materials such as solvents (See Part I.B.13.C of the permit);
- b. Describe any controls associated with non-stormwater discharges present at the site:

N/A

H. Applicable State or Local Programs: The SWPPP will be updated as necessary to reflect any revisions to applicable federal, state, or local requirements that affect the stormwater controls implemented at the site. ☒ Yes ☐ No

I. Inspections

- a. Inspection frequency:
 - ☐ Every 7 calendar days
 - or
 - ☒ At least once every 14 calendar days and within 24 hours of the end of a storm even 0.25 inches or greater (a rain gauge must be maintained on-site)
- b. Inspections:
 - Completed inspection forms will be kept with the SWPPP.
 - ☒ ADEQ's inspection form will be used (See Appendix B)
 - or
 - ☐ A form other than ADEQ's inspection form will be used and is attached (See inspection form requirements Part II.A.4.L.2)
- c. Inspection records will be retained as part of the SWPPP for at least 3 years from the date of termination.
- d. It is understood that the following sections describe waivers of site inspection requirements. All applicable documentation requirements will be followed in accordance with the referenced sections.
 - i. Winter Conditions (Part II.A.4.L.4)
 - ii. Adverse Weather Conditions (Part II.A.4.L.5)

J. Maintenance:

The following procedures to maintain vegetation, erosion and sediment control measures and other protective measures in good, effective operating condition will be followed:

Seeding is a temporary and permanent control measure to be utilized during construction of the proposed improvements at the site. Rock ditch checks will be cleaned as necessary and when sediment build up is at 50%. Track out will be minimized with a construction exit, and area will be swept if tracking occurs.

Any necessary repairs will be completed, when practicable, before the next storm event, but not to exceed a period of 3 business days of discovery, or as otherwise directed by state or local officials.

K. Employee Training:

The following is a description of the training plan for personnel (including contractors and subcontractors) on this project:

****Note, Formal training classes given by Universities or other third-party organizations are not required, but recommended for qualified trainers; the permittee is responsible for the content of the training being adequate for personnel to implement the requirements of the permit.**

Certification

"I certify under penalty of law that this document and all attachments such as Inspection Form were prepared under my direction or supervision in accordance with a system designed to ensure 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."

SIGN HERE

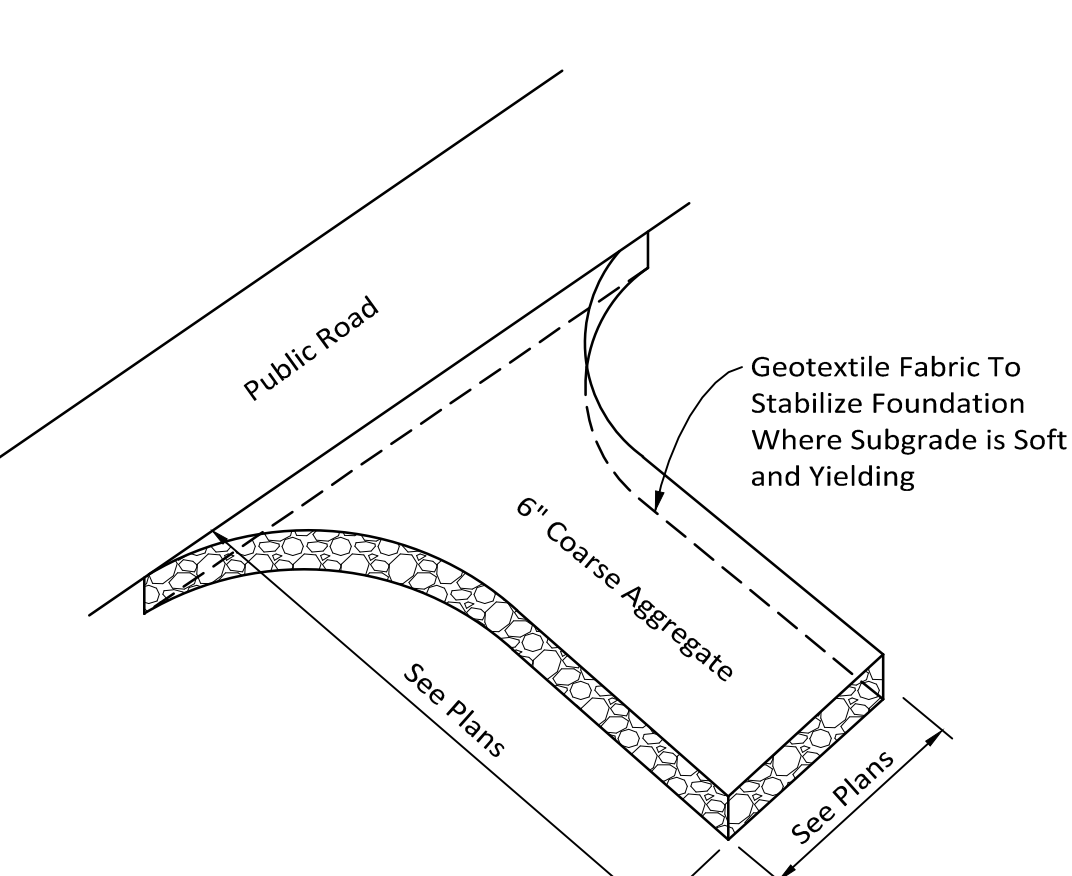
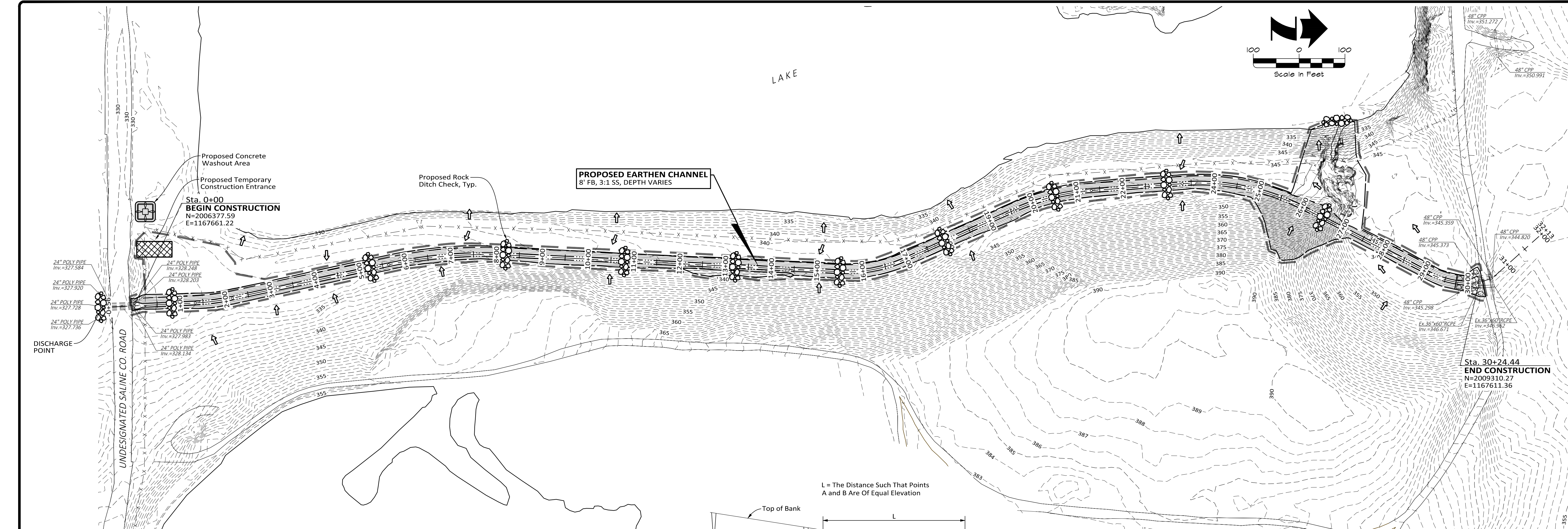
Signature of Responsible or Cognizant Official: _____

Title: _____

Date: _____

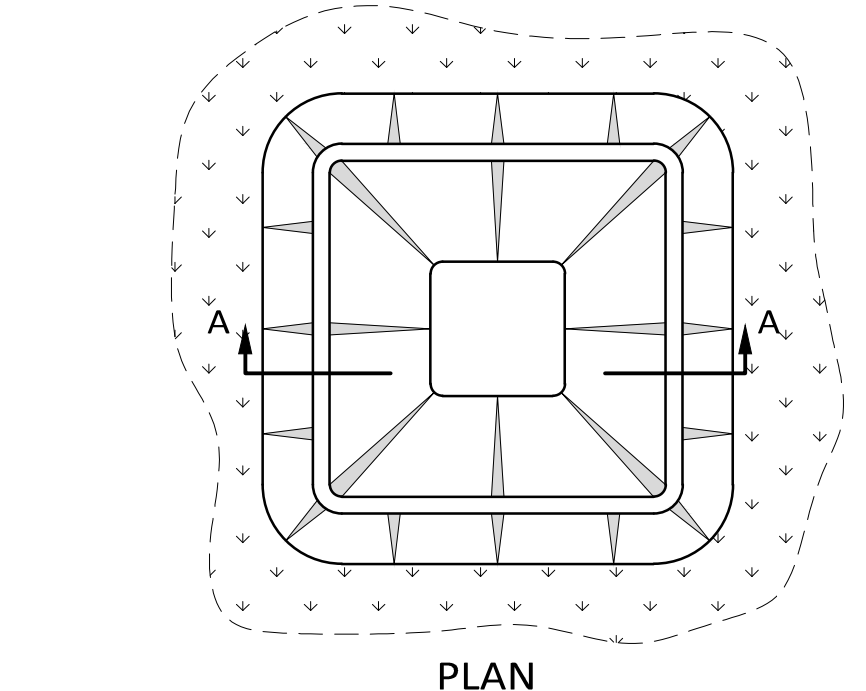
APPENDIX A

Erosion Control Plan and Details



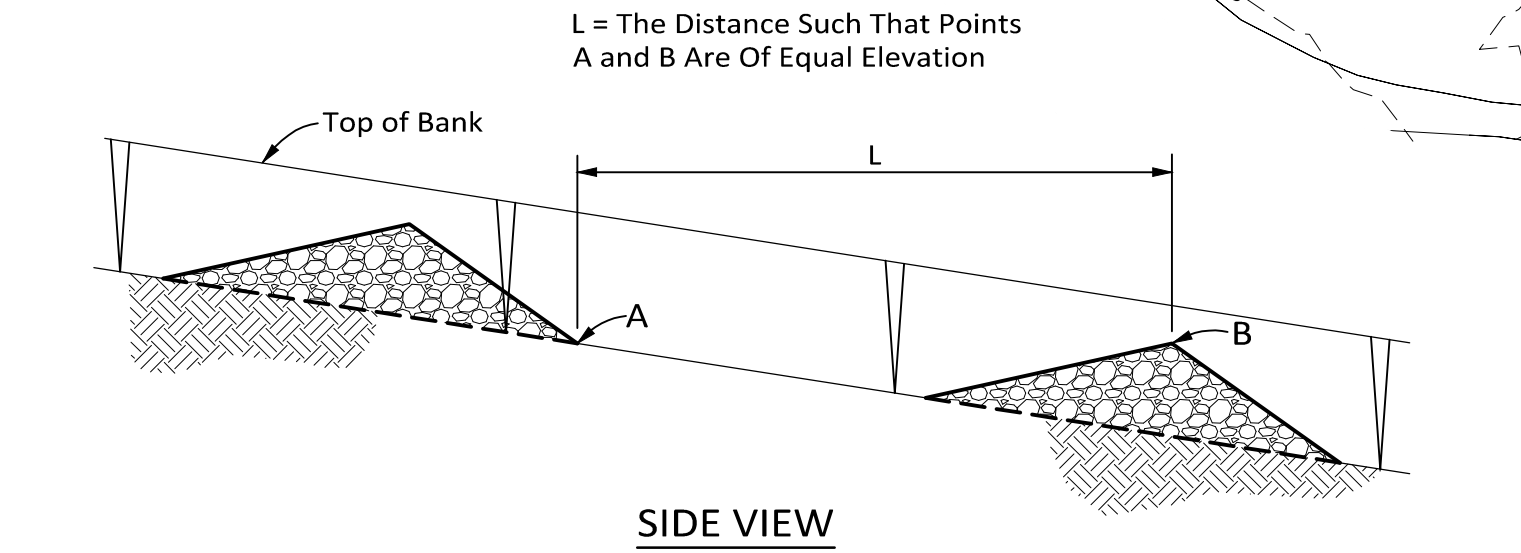
- NOTES:**
- Coarse Aggregate Shall be 3" to 6" Crushed Stone.
 - Clear The Entrance Or Exit Area Of All Vegetation, Roots, And Other Objectionable Material And Excavate to Grade.
 - Place The Aggregate to the Grade and Dimensions Shown On The Plans.
 - Maintain The Gravel Pad In A Condition To Prevent Mud Or Sediment From Leaving The Site. Immediately Remove All Objectionable Materials Spilled, Washed, Or Tracked Onto Public Roadways.

EC-30: TEMPORARY CONSTRUCTION ENTRANCE
Not to Scale
02-01-18



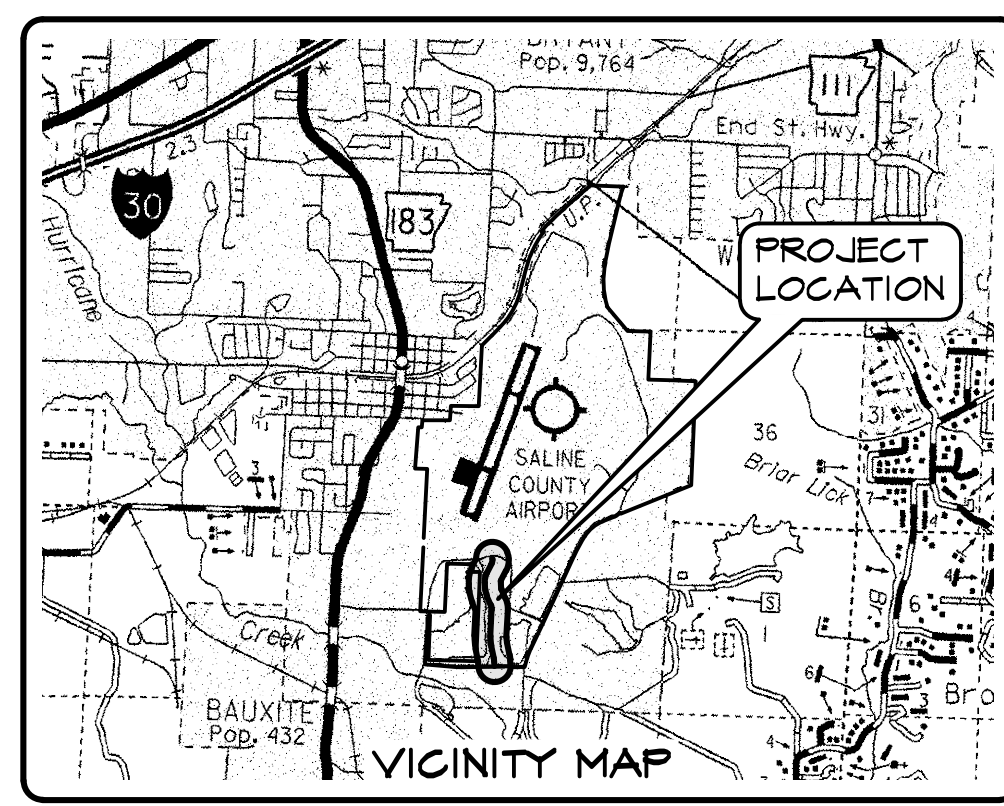
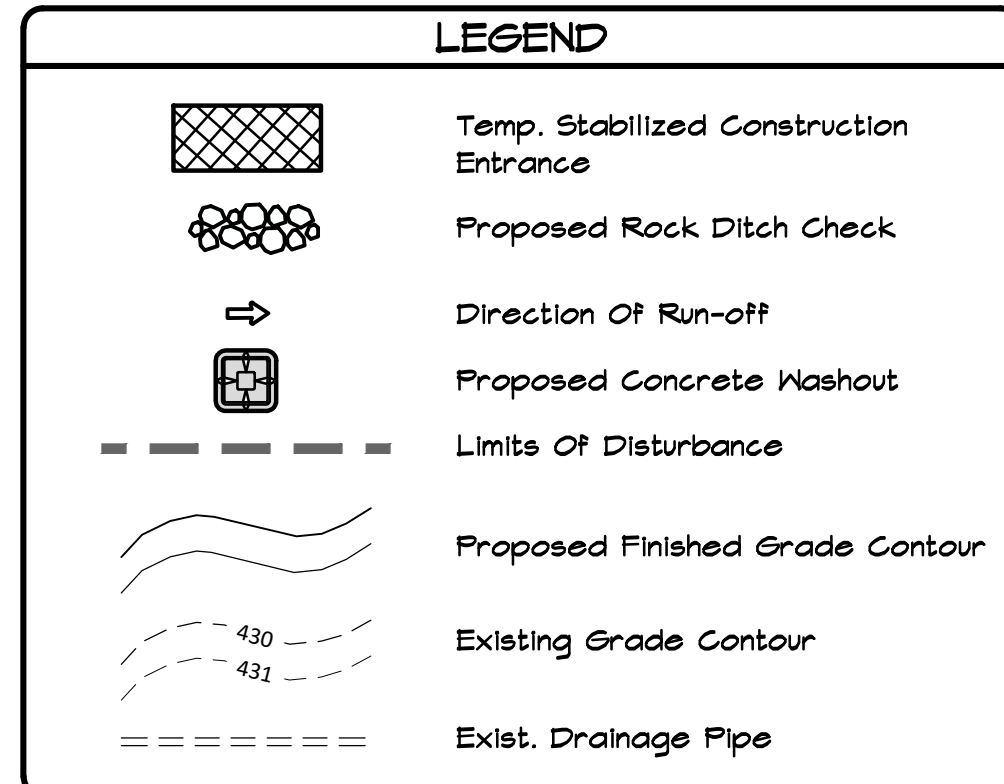
- NOTES:**
- Concrete Washout Area Shall be Installed Prior to Any Concrete Placement on Site.
 - Vehicle Tracking Control is Required at Concrete Washout Entrance if Access to Concrete Washout Area is Off Pavement.
 - The Concrete Washout Area Shall Be Repaired and/or Enlarged as Necessary to Maintain Capacity for Waste Concrete.
 - Waste Material From Concrete Washout Operations Must Be Removed and Legally Disposed of When it has Accumulated Two-Thirds of the Wet Storage Capacity of the Structure.
 - At the End of Construction, All Concrete Shall Be Removed From the Site and Legally Disposed of at an Approved Waste Site.
 - When the Concrete Washout Area is Removed, the Disturbed Area Shall Be Seeded and Mulched or Otherwise Stabilized.

EC-50: CONCRETE WASHOUT AREA
Not to Scale
02-01-18



- NOTES:**
- Concrete Washout Area Shall be Installed Prior to Any Concrete Placement on Site.
 - Vehicle Tracking Control is Required at Concrete Washout Entrance if Access to Concrete Washout Area is Off Pavement.
 - The Concrete Washout Area Shall Be Repaired and/or Enlarged as Necessary to Maintain Capacity for Waste Concrete.
 - Waste Material From Concrete Washout Operations Must Be Removed and Legally Disposed of When it has Accumulated Two-Thirds of the Wet Storage Capacity of the Structure.
 - At the End of Construction, All Concrete Shall Be Removed From the Site and Legally Disposed of at an Approved Waste Site.
 - When the Concrete Washout Area is Removed, the Disturbed Area Shall Be Seeded and Mulched or Otherwise Stabilized.

EC-60: TEMPORARY ROCK DITCH CHECK
Not to Scale
02-01-18



- EROSION CONTROL NOTES**
- No Construction Activities Shall Begin Until Appropriate Erosion Control Measures Have Been Installed. The Contractor Shall Take All Precautions To Prevent Soil Sediment From Leaving The Site. All Erosion Control Measures Shall Be Maintained Until All Contributing Areas Are Graded And Stabilized. Additional Erosion And Sediment Control Measures Shall Be Installed If Deemed Necessary.
 - All Disturbed Areas And Slopes Shall Be Graded Smooth.
 - All Disturbed Soil Shall Be Stabilized If Construction Site is Left For Greater Than 14 Days.
 - The Contractor Shall Inspect, Repair, And Add Stone To The Stabilized Construction Entrance When It Becomes Saturated With Mud To Insure It Functions As It Was Intended.
 - All Erosion And Sediment Control Devices Shall Be Inspected, Cleaned, And Repaired Following Rain Events.
 - Dust Control On Site Shall Be Performed By Spraying Water On Dry Areas Of The Site. The Use Of Oils And Other Petroleum Based Or Toxic Liquids For Dust Suppression is Strictly Prohibited. Contractor Shall Carry Out Effective Measures Whenever And As Often As Necessary To Prevent His Operations From Producing Dust That is Damaging Or Causes A Nuisance To Persons Or Property In The Vicinity. Dust Abatement Shall Continue Until The Contractor is Relieved Of That Responsibility By The Owner.
 - Contractor Shall Immediately Seed Any Areas Where Grading Activities Have Been Completed and Approved by Airport Manager.

- SEQUENCE OF CONSTRUCTION**
- Install Stabilized Construction Entrances.
 - Begin Earthwork Operations.
 - Install Rock Ditch Check In Conjunction with Channel Excavation.
 - Complete Grading and Install Permanent Seeding to All Disturbed Areas.
 - Remove all Temporary Erosion and Sediment Control Devices (Only if Site is Stabilized).

APPENDIX B

Inspection and Maintenance Report Form

Inspector Name: _____
Inspector Title: _____

Date of Inspection: _____

Date of Rainfall: _____

Duration of Rainfall: _____

Days Since Last Rain Event: _____ days

Rainfall Since Last Rain Event: _____ inches

Description of any Discharges During Inspection: _____

Location of Discharges of Sediment/Other Pollutant (specify pollutant & location): _____

Locations in Need of Additional BMPs: _____

Information on Location of Construction Activities

Location	Activity Begin Date	Activity Occuring Now (y/n)?	Activity Ceased Date	Stabilization Initiated Date	Stabilization Complete Date

Information on BMPs in Need of Maintenance

Location	In Working Order?	Maintenance Scheduled Date	Maintenance Completed Date	Maintenance to be Performed By

Changes required to the SWPPP: _____

Reasons for changes: _____

SWPPP changes completed (date): _____

"I certify under penalty of law that this document and all attachments such as Inspection Form were prepared under my direction or supervision in accordance with a system designed to ensure 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."

Signature of Responsible or Cognizant Official: _____ Date: _____

Title: _____

APPENDIX C

**Copy of Permit No. ARR150000
Notice of Coverage (NOC)**

**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.), an

Operator of Facilities with Stormwater Discharges Associated with Construction Activity

is authorized to discharge to all receiving waters except as stated in Part I.B.11 (Exclusions).

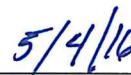
For facilities that are eligible for coverage under this General Permit (GP), the Department sends a cover letter (Notice of Coverage with tracking permit number which starts with ARR15) and a copy of the permit to the facility. The cover letter includes the Department's determination that a facility is covered under the GP and may specify alternate requirements outlined in the permit.

Effective Date: November 1, 2016

Expiration Date: October 31, 2021



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



Issue Date

PART I

PERMIT REQUIREMENTS

Information in **Part I** is organized as follows:

Section A: Definitions with Included Commentary

Section B: Coverage Under this Permit:

1. Permitted Area
2. Eligibility
3. Responsibilities of the Operator
4. Where to Submit
5. Requirements for Qualifying Local Program (QLP)
6. Requirements for Coverage
7. Notice of Intent (NOI) Requirements
8. Posting Notice of Coverage (NOC)
9. Applicable Federal, State or Local Requirements
10. Allowable Non-Stormwater Discharges
11. Limitations on Coverage (Exclusions)
12. Short Term Activity Authorization (STAA)
13. Effluent Limitation Guidelines (ELG)
14. Natural Buffer Zones
15. Waivers from Permit Coverage
16. Notice of Termination (NOT)
17. Responsibilities of the Operator of a Larger Common Plan of Development for a Subdivision
18. Change in Operator
19. Late Notifications
20. Failure to Notify
21. Maintenance
22. Releases in Excess of Reportable Quantities
23. Attainment of Water Quality Standards
24. Requiring an Individual Permit

SECTION A: DEFINITIONS WITH INCLUDED COMMENTARY

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.
2. "**Arkansas Pollution Control and Ecology Commission**" shall be referred to as APCEC throughout this permit.
3. "**Automatic Coverage**" is for those sites that are defined as a small construction site.
4. "**Best Management Practices (BMPs)**" schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants to Waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control construction site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage. According to the EPA BMP manual, the use of hay-bales in concentrated flow areas is not recommended as a best management practice.
5. "**Cognizant Official**" a duly authorized representative, as defined in Part II.B.9.B.
6. "**Commencement of Construction**" the initial disturbance of soils associated with clearing, grading, or excavating activities or other construction-related activities.
7. "**Contaminated**" means a substance the entry of which into the MS4, Waters of the State, or Waters of the United States may cause or contribute to a violation of Arkansas water quality standards.
8. "**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.
9. "**Construction Site**" an area upon which one or more land disturbing construction activities occur that in total will disturb one acre or more of land, including areas that are part of a larger common plan of development or sale where multiple separate and distinct land disturbing construction activities may be taking place at different times on different schedules but under one plan such that the total disturbed area is one acre or more.
10. "**CWA**" the Clean Water Act or the Federal Water Pollution Control Act.
11. "**Dedicated Portable Asphalt Plant**" a portable asphalt plant that is located on or contiguous to a construction site that provides asphalt only to the construction site on which the plant is located or adjacent to. The term does not include facilities that are subject to the asphalt emulsion effluent guideline limitations at 40 CFR Part 443.
12. "**Dedicated Portable Concrete Plant**" a portable concrete plant that is located on or contiguous to a construction site and that provides concrete only to the construction site on which the plant is located on or adjacent to.
13. "**Detention Basin**" a detention basin is an area where excess stormwater is stored or held temporarily and then slowly drains when water levels in the receiving channel recede. In essence, the water in a detention basin is temporarily detained until additional room becomes available in the receiving channel.
14. "**Director**" the Director, Arkansas Department of Environmental Quality, or a designated representative.
15. "**Discharge**" when used without qualification means the "discharge of a pollutant".

16. "Discharge of Stormwater Associated with Construction Activity" as used in this permit, refers to a discharge of pollutants in stormwater runoff from areas where soil disturbing activities (e.g., clearing, grading, or excavation), construction materials or equipment storage or maintenance (e.g., fill piles, borrow area, concrete truck washout, fueling), or other industrial stormwater directly related to the construction process (e.g., concrete or asphalt batch plants) are located.

17. "Discharge-Related Activities" as used in this permit, include: activities that cause, contribute to, or result in stormwater point source pollutant discharges, including but not limited to: excavation, site development, grading and other surface disturbance activities; management of solid waste and debris; and measures to control stormwater including the construction and operation of BMPs to control, reduce or prevent stormwater pollution.

18. "Disturbed area" the total area of the site where any construction activity is expected to disturb the ground surface. This includes any activity that could increase the rate of erosion, including, but not limited to, clearing, grubbing, grading, excavation, demolition activities, haul roads, and areas used for staging. Also included are stockpiles of topsoil, fill material and any other stockpiles with a potential to create additional runoff.

19. "Drainageway" an open linear depression, whether constructed or natural, that functions for the collection and drainage of surface water.

20. "Duly Authorized Representative" a representative of the Responsible Official meeting the requirements specified in Part II.B.9.B.

21. "Eligible" qualified for authorization to discharge stormwater under this general permit.

22. "Erosion" the process by which the land's surface is worn away by the action of wind, water, ice or gravity.

23. "ERW" Extraordinary Resource Water, in accordance with Regulation 2.

24. "ESW" Ecologically Sensitive Waterbodies, in accordance with Regulation 2.

25. "Facility" or "Activity" any NPDES "point source" or any other facility or activity (including land or appurtenances thereto) that is subject to regulation under the NPDES program.

26. "Final Stabilization":

A. All soil disturbing activities at the site have been completed and either of the two following criteria are met:

- 1) A uniform (e.g., evenly distributed, without large bare areas) perennial vegetative cover with a density of 80% of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures, or
- 2) Equivalent permanent stabilization measures (such as the use of riprap, gabions, or geotextiles) have been employed.

B. When background native vegetation will cover less than 100% of the ground (e.g., arid areas, beaches), the 80% coverage criteria is adjusted as follows: if the native vegetation covers 50% of the ground, 80% of 50% ($0.80 \times 0.50 = 0.40$) would require 40% total cover for final stabilization. On a beach with no natural vegetation, no stabilization is required.

C. For individual lots in residential construction, final stabilization means that either:

- 1) The homebuilder has completed final stabilization as specified above, or
- 2) The homebuilder has established temporary stabilization including perimeter controls for an individual lot prior to occupation of the home by the homeowner and informing the homeowner of the need for, and benefits of, final stabilization.

D. For construction projects on land used for agricultural purposes (e.g., pipelines across crop or range land, staging areas for highway construction, etc.), final stabilization may be accomplished by returning the disturbed land to its pre-construction agricultural use. Areas disturbed that were not previously used for agricultural activities, such as buffer strips immediately adjacent to "Waters of the State", and areas which are not being returned to their pre-construction agricultural use shall meet the final stabilization criteria in A, B, or C above.

27. "**Grading Activities**" as used in this permit are those actions that disturb the surface layer of the ground to change the contouring, surface drainage pattern, or any other slope characteristics of the land without significantly adding or removing on-site rock, soil, and other materials. This can include demolition, excavation, and filling.

28. "**Infrastructure**" streets, drainage, curbs, utilities, etc.

29. "**Impaired Water**" a waterbody listed in the current, approved Arkansas 303(d) list.

30. "**Landscaping**" improving the natural beauty of a piece of land (i.e. entrance of subdivision) through plantings or altering the contours of the ground.

31. "**Large and Medium Municipal Separate Storm Sewer System**" all municipal separate storm sewer systems that are either:

- A. Located in an incorporated place with a population of 100,000 or more as determined by the latest Decennial Census by the Bureau of Census: or
- B. Located in the counties with unincorporated urbanized populations of 100,000 or more, 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 paragraphs A or B and that are designated by the Director as part of the large or medium municipal separate storm sewer system.

32. "**Large Construction Site**" 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. (Please see Part I.B.15 for partial waivers.)

33. "**Larger Common Plan of Development**" a contiguous (sharing a boundary or edge; adjacent; touching) area where multiple and distinct construction activities may be taking place at different times on different schedules under one plan. Such a plan might consist of many small projects (e.g. a common plan of development for a residential subdivision might lay out the streets, house lots, and areas for parks, schools and commercial development that the developer plans to build or sell to others for development). All these areas would remain part of the common plan of development or sale. The following items can be used as guidance for deciding what might or might not be considered a "Common Plan of Development or Sale." The "plan" in a common plan of development or sale is broadly defined as any announcement or piece of documentation (including a sign, public notice or hearing, sales pitch, advertisement, drawing, permit application, zoning request, computer design, etc.) or physical demarcation (including boundary signs, lot stakes, surveyor markings, etc.) indicating construction activities may occur on a specific plot. The applicant shall still meet the definition of operator in order to be required to get permit coverage,

regardless of the acreage that is personally disturbed.

If a smaller project (i.e., less than 1 acre) is part of a large common plan of development or sale (e.g., you are building a residential home on a ½ acre lot in a 40 acre subdivision or are putting in a fast food restaurant on a ¾ acre pad that is part of a 20 acre retail center), permit coverage is required. Under 40 CFR 122.26(b)(2)(vi), smaller parts of a larger common plan of development are automatically authorized under this general permit and should follow the conditions of a site with automatic coverage set forth in this permit (see Part I.B.6.A).

34. "Natural Buffer" for purposes of this permit, an area of undisturbed natural cover surrounding surface waters. Natural cover includes vegetation, exposed rock, or barren ground that exists prior to commencement of construction activities at the site.

35. "NOC" Notice of Coverage.

36. "NOI" Notice of Intent to be covered by this permit.

37. "NOT" Notice of Termination.

38. "NSW" Natural and Scenic Waterways, in accordance with Regulation 2.

39. "Operator"/ "Permittee" for the purpose of this permit and in the context of stormwater associated with construction 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.

In addition, for purposes of this permit and determining who is an operator, "owner" refers to the party that owns the structure being built. Ownership of the land where construction is occurring does not necessarily imply the property owner is an operator (e.g., a landowner whose property is being disturbed by construction of a gas pipeline or a landowner who allows a mining company to remove dirt, shale, clay, sand, gravel, etc. from a portion of his property). Likewise, if the erection of a structure has been contracted for, but possession of the title or lease to the land or structure is not to occur until after construction, the would-be owner may not be considered an operator (e.g., having a house built by a residential homebuilder).

40. "Outfall" a point source where stormwater leaves the construction site.

41. "Owner" the owner or operator of any "facility or activity" subject to regulation under the NPDES program. In addition, for purposes of this permit and determining who is an operator, "owner" refers to the party that owns the structure being built. Ownership of the land where construction is occurring does not necessarily imply the property owner is an operator (e.g., a landowner whose property is being disturbed by construction of a gas pipeline). Likewise, if the erection of a structure has been contracted for, but possession of the title or lease to the land or structure is not to occur until after construction, the would-be owner may not be considered an operator (e.g. having a house built by a residential homebuilder).

42. "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.

43. "Point Source" 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.

44. "**Qualified Local Program**" is a municipal program for stormwater discharges associated with construction sites that has been formally approved by the Department.

45. "**Qualified personnel**" a person knowledgeable in the principles and practice of erosion and sediment controls who possesses the skills to assess conditions at the construction site that could impact stormwater quality and to assess the effectiveness of any sediment and erosion control measures selected to control the quality of stormwater discharges from the construction activity.

46. "**Regulated Small Municipal Separate Storm Sewer System**" all municipal separate storm sewer systems that are either:

- A. Located within the boundaries of an "urbanized area" with a population of 50,000 or more as determined by the latest Decennial Census by the Bureau of Census; or
- B. Owned or operated by a municipality other than those described in paragraph A and that serve a jurisdiction with a population of at least 10,000 and a population density of at least 1,000 people per square mile; or
- C. Owned or operated by a municipality other than those described in paragraphs A and B and that contributes substantially to the pollutant loadings of a "physically interconnected" municipal separate storm sewer system.

47. "**Retention Basin**" a basin that is designed to hold the stormwater from a rain event and allow the water to infiltrate through the bottom of the basin. A retention basin also stores stormwater, but the storage of the stormwater would be on a more permanent basis. In fact, water often remains in a retention basin indefinitely, with the exception of the volume lost to evaporation and the volume absorbed into the soils. This differs greatly from a detention basin, which typically drains after the peak of the storm flow has passed, sometimes while it is still raining.

48. "**Runoff Coefficient**" the fraction of total rainfall that will appear at the conveyance as runoff.

49. "**Sediment**" material that settles to the bottom of a liquid.

50. "**Sediment Basin**" a basin that is designed to maintain a 10 year-24 hour storm event for a minimum of 24-hours in order to allow sediment to settle out of the water.

51. "**Small Construction Site**" construction activities including clearing, grading, and excavating that result in land disturbance of equal to or greater than one acre and less than five acres. Small construction activity also includes the disturbance of less than one acre of total land area that is part of a larger common plan of development or sale if the larger common plan will ultimately disturb equal to or greater than one and less than five acres. Small construction activity does not include routine maintenance.

52. "**Stormwater**" stormwater runoff from rainfall, snow melt runoff, and surface runoff and drainage.

53. "**Stormwater Associated with Construction Activity**" the discharge from any conveyance which is used for collecting and conveying stormwater and which is directly related to construction activity.

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

55. "**Temporary Sediment Controls**" controls that are installed to control sediment runoff from the site. These could be silt fencing, rock check dams, etc.

56. "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 the 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 mass per time, toxicity, or other appropriate measure.

57. "Uncontaminated" cannot exceed the water quality standards as set forth in APCEC Regulation 2.

58. "Urbanized Area" 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.

59. "Waters of the State" Waters of the State means all streams, lakes, marshes, ponds, watercourses, waterways, wells, springs, irrigation systems, drainage systems, and all other bodies or accumulations of water, surface and underground, natural or artificial, public or private, which are contained within, flow through, or border upon this state or any portion of the state.

SECTION B: COVERAGE UNDER THIS PERMIT

Introduction

This Construction General Permit (CGP) authorizes stormwater discharges from large and small construction activities that result in a total land disturbance of equal to or greater than one acre. This GP also authorizes discharges from construction activities that result in a total land disturbance of less than five acres where the construction activity is included in a larger common plan, where those discharges enter surface Waters of the State or a Municipal Separate Storm Sewer System (MS4) leading to surface Waters of the State subject to the conditions set forth in this permit. This permit also authorizes stormwater discharges from any other construction activity designated by ADEQ where ADEQ makes that designation based on the potential for contribution to an excursion of a water quality standard or for significant contribution of pollutants to Waters of the State. This permit replaces the permit issued in 2011. The goal of this permit is to minimize the discharge of stormwater pollutants from construction activity. The Operator should make sure to read and understand the conditions of the permit. A copy of the General Stormwater Construction Permit is available on the ADEQ web site at <https://www.adeq.state.ar.us/water/permits/npdes/stormwater/>. You may also obtain a hard copy by contacting the ADEQ's General Permits Section at (501) 682-0623.

- 1. Permitted Area.** If a large or small construction activity is located within the State of Arkansas, the operator may be eligible to obtain coverage under this permit.
- 2. Eligibility.** Permit eligibility is limited to discharges from “large” and “small” construction activity, or as otherwise designated by ADEQ. This general permit contains eligibility restrictions, as well as permit conditions and requirements. Operators may have to take certain actions to be eligible for coverage under this permit. In such cases, operators shall continue to satisfy those eligibility provisions to maintain permit authorization. If operators do not meet the requirements that are a pre-condition to eligibility, then resulting discharges constitute unpermitted discharges. By contrast, if operators are eligible for coverage under this permit and do not comply with the requirements of the general permit, they may be in violation of the general permit for otherwise eligible discharges.
 - A. This general permit authorizes discharges from construction activities as defined in 40 CFR 122.26(a), 40 CFR 122.26(b)(14)(x), 40 CFR 122.26(b)(15)(i) and 40 CFR Part 450.
 - B. This permit also authorizes stormwater discharges from support activities (e.g., concrete or asphalt batch plants, equipment staging yards, materials storage areas, excavated material disposal areas, borrow areas) provided:
 - 1) The support activity is directly related to a specific construction site that is required to have NPDES permit coverage for discharges of stormwater associated with the construction activity;
 - 2) The support activity is not a commercial operation serving multiple unrelated construction projects by different operators, and does not operate beyond the completion of the construction activity at the last construction project it supports;
 - 3) Pollutant discharges from support activity areas are minimized in compliance with conditions of this permit; and
 - 4) Discharges from the support activity areas shall be identified in a Stormwater Pollution Prevention Plan (SWPPP) stating appropriate controls and measures for the area.
 - C. Other activities may be considered for this permit at the discretion of the Director as defined in 40 CFR 122.26(b)(15)(ii).
- 3. Responsibilities of the Operator.** Permittees with operational control are responsible for compliance with all applicable

terms and conditions of this permit as it relates to their activities on the construction site, including protection of endangered species and implementation of BMPs and other controls required by the SWPPP. Receipt of this general permit does not relieve any operator of the responsibility to comply with any other applicable federal, state or local statute, ordinance or regulation.

4. **Where to Submit.** The operator shall submit a complete and signed Notice of Intent (NOI), Stormwater Pollution Prevention Plan (SWPPP), and application fee to the Department at the following address:

Arkansas Department of Environmental Quality
Discharge Permits Section
5301 Northshore Drive
North Little Rock, AR 72118-5317

Or by electronic mail (Complete documents (NOI and SWPPP) must be submitted in PDF format) to:

Water-permit-application@adeq.state.ar.us ;

Or through the ADEQ ePortal site which can be found at the following link:

<https://eportal.adeq.state.ar.us/>

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

5. **Requirements for Qualifying Local Program (QLP).** The Department reviews and approves the QLPs to ensure that they meet or supersede both state and federal requirements outlined in this permit and 40 CFR 122.44(s). ADEQ will review the QLP at least every 5 years for recertification. If the Department approves a QLP, then the QLP requirements shall at the minimum meet the Department's requirements. This would include all templates and forms. This permit may be modified to add new QLPs or modify existing QLPs at the Department's discretion. All public notice and other applicable costs incurred by the modification of the permit for the addition or modification of a QLP will be paid by the QLP.

If a small construction site is within the jurisdiction of a QLP, the operator of the small construction site is authorized to discharge stormwater associated with construction activity under QLP permit requirements only.

At the time of issuance of this permit, only the City of Hot Springs is meeting the ADEQ minimum requirements.

6. **Requirements for Coverage.**

- A. **Small Construction Sites.** An operator of a small construction site will be considered to have automatic coverage under this general permit and may discharge without submitting to the Department a Notice of Intent (NOI), Stormwater Pollution Prevention Plan (SWPPP) or fee if the following conditions are met:

- 1) A completed Notice of Coverage (NOC) must be posted at the site prior to commencing construction;
- 2) A Stormwater Pollution Prevention Plan must be prepared in accordance with good engineering practice as described in Reg.6.203(B), and a copy must be maintained at the construction site;
- 3) All permit conditions set forth in this general permit must be followed; and
- 4) The operator is responsible for ensuring that the site is in compliance with any changes or updates of this general permit, by either contacting ADEQ or reviewing the ADEQ website:

<https://www.adeg.state.ar.us/water/permits/npdes/stormwater/>

- B. Large Construction Sites. An operator of a large construction site discharging under this general permit shall submit the following items at least 10 business days prior to the commencement of construction:
- 1) An NOI in accordance with the requirements of Part I.B.7 of this permit.
 - 2) A complete SWPPP in accordance with the requirements of Part II.A of this permit.
 - 3) An initial permit fee shall accompany the NOI under the provisions of APCEC Regulation No. 9. Subsequent annual fees will be billed by the Department until the operator has requested a termination of coverage by submitting a Notice of Termination (NOT). Failure to remit the required initial permit fee shall be grounds for the Director to deny coverage under this general permit. Failure to remit the required annual fees shall be grounds for the Director to revoke coverage under this permit.
- C. Modification of Permit Coverage to Include Additional Acreage. Any request to increase the total acreage of a construction site shall be accompanied by a \$200 permit modification fee and an updated SWPPP. Any request to only increase the disturbed acreage without changing the total acreage shall be accompanied by an updated SWPPP. A \$200 permit modification fee is not required with an increase in disturbed acreage. The Additional Acreage Request Form can be found at the following link:

<https://www.adeg.state.ar.us/water/permits/npdes/stormwater/>

7. Notice of Intent (NOI) Requirements.

- A. NOI Form. Large construction site operators who intend to seek coverage for a stormwater discharge under this general permit shall submit a complete and accurate ADEQ NOI form to the Department (through hard copy, electronic mail at Water-permit-application@adeq.state.ar.us, or the ADEQ ePortal system at <https://eportal.adeg.state.ar.us/>) at least 10 business days prior to the date coverage under this permit is desired. The NOI form **must** be the current version obtained from the stormwater webpage indicated above in Part I.B.

If the NOI is deemed incomplete, the Department will notify the applicant with regard to the deficiencies by a letter, email, or phone within ten (10) business days of the receipt of the NOI. If the operator does not receive a notification of deficiencies from ADEQ's receipt of the NOI, the NOI is deemed complete. If the applicant does not provide the Department with the requested deficiencies within the deadline set by the Department, then the Department will return the NOI, fee and SWPPP back to the applicant.

- B. Contents of the NOI. The NOI form contains, at a minimum, the following information:
- 1) Operator (Permittee) information (name, address, telephone and fax numbers, E-mail address)
 - 2) Whether the operator is a federal, state, private, public, corporation, or other entity
 - 3) Application Type: New or renewal
 - 4) Invoice mailing information (name, address, and telephone and fax numbers)
 - 5) Project Construction site information (name, county, address, contact person, directions to the site, latitude and longitude for the entrance of the site or the endpoints for linear project (in degrees, minutes, and seconds), estimated construction start date and completion date through site final stabilization, estimate of the total project acreage and the acreage to be disturbed by the operator submitting the NOI, type of the project (subdivision, school, etc), whether the project is part of a larger common plan of development.)

- 6) Discharge information (name of the receiving stream, ultimate receiving stream, name of municipal storm sewer system)
- 7) List of current permits
- 8) The Certification statement and signature of a qualified signatory person in accordance with 40 CFR 122.22, as adopted by reference in APCEC Regulation No. 6
- 9) The certification of the facility corporation
- 10) Other information (location of the SWPPP)
- 11) And the SIC Code.

C. Notice of Coverage (NOC). Unless notified by the Director to the contrary, dischargers who submit a complete NOI and SWPPP in accordance with the requirements of this permit are authorized to discharge stormwater from construction sites under the terms and conditions of this permit 10 business days after the date the NOI is deemed complete (which may not be the original submission date if revisions or additions were necessary) by ADEQ. If the NOC has not been received by the permittee 10 business days after the date the NOI is deemed complete by ADEQ, the NOI should be posted until the NOC is received. Upon review of the NOI and other available information, the Director may deny coverage under this permit and require submittal of an application for an individual NPDES permit.

8. Posting Notice of Coverage (NOC).

A. Automatic Coverage Sites. The NOC for small sites, as defined in Part I.A.51, can be obtained from the Water Division's Stormwater webpage at:

<https://www.adeg.state.ar.us/water/permits/npdes/stormwater/>.

The NOC must be posted at the site prior to commencing construction. In addition, a copy of the SWPPP must be available at the construction site in accordance with Part II.A.2.B and D prior to commencing construction.

B. Large Sites: NOC Posting for Large Construction Sites. The posting for large construction sites shall be obtained from the Department only after the permittee has submitted the required NOI, permit fee and complete SWPPP to the Department for the coverage.

C. Linear Projects. If the construction project is a linear construction project (e.g., pipeline, highway, etc.), the notice shall be placed in a publicly accessible location near where construction is actively underway and moved as necessary.

Please note, this permit does not provide the public with any right to trespass on a construction site for any reason, including inspection of a site; nor does this permit require that the permittee allow members of the public access to a construction site.

9. Applicable Federal, State or Local Requirements. The operator shall ensure that the stormwater controls implemented at the site are consistent with all applicable federal, state, or local requirements. Additionally, an operator who is operating under approved local erosion and sediment plans, grading plans, local stormwater permits, or stormwater management plans shall submit signed copies of the Notice of Intent (NOI) to the local agency (or authority) upon the local agency's request.

10. Allowable Non-Stormwater Discharges.

A. The following non-stormwater discharges as part of the construction permit activity may be authorized by this permit through appropriate controls. Non-stormwater discharges shall be addressed in the stormwater pollution prevention plan and measures to minimize or eliminate non-stormwater discharge should be taken if reasonably possible.

- 1) Fire fighting activities;
- 2) Fire hydrant flushings;

- 3) Water used to wash vehicles (where detergents or other chemicals are not used) or to control dust in accordance with Part II.A.4.H.2;
- 4) Potable water sources including uncontaminated waterline flushings;
- 5) Landscape Irrigation;
- 6) Routine external building wash down which does not use detergents or other chemicals;
- 7) Pavement washwaters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled materials have been removed) and where detergents or other chemicals are not used;
- 8) Uncontaminated air conditioning compressor condensate (See Part I.B.13.C of this permit);
- 9) Uncontaminated springs, excavation dewatering and groundwater (See Part I.B.13.C of this permit);
- 10) Foundation or footing drains where flows are not contaminated with process materials such as solvents (See Part I.B.13.C of this permit).

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

- A. Post Construction Discharge. Stormwater discharges associated with construction activities that originate from the site after construction activities have been completed, the site has undergone final stabilization, and the permit has been terminated.
- B. Discharges Mixed with Non-Stormwater. Stormwater discharges that are mixed with sources of non-stormwater other than those identified in Part I.B.10.
- C. Discharges Covered by another Permit. Stormwater discharges associated with construction activity that are covered under an individual or an alternative general permit may be authorized by this permit after an existing permit expires, provided the expired permit did not establish numeric effluent limitations for such discharges.
- D. Discharges into Receiving Waters with an Approved TMDL. Discharges from a site into receiving waters for which there is an established total maximum daily load (TMDL) allocation (<https://www.adeg.state.ar.us/water/planning/integrated/tmdl/>) are not eligible for coverage under this permit unless the permittee develops and certifies a stormwater pollution prevention plan (SWPPP) that is consistent with the assumptions and requirements in the approved TMDL. To be eligible for coverage under this general permit, operators shall incorporate into their SWPPP any conditions applicable to their discharges necessary for consistency with the assumptions and requirements of the TMDL within any timeframes established in the TMDL. If a specific numeric allocation has been established that would apply to the project's discharges, the operator shall incorporate that allocation into its SWPPP and implement necessary steps to meet that allocation. If a numeric limit has been assigned to the facility, quarterly monitoring shall be submitted to the Department demonstrating compliance with the assigned Waste Load Allocation established in the TMDL. Please note that the Department will be reviewing this information. If it is determined that the project will discharge into a receiving stream with a TMDL, then the Department may require additional BMPs.
- E. Discharges into Impaired Receiving Waters (303(d) List). If stormwater discharges from a site enter a receiving water listed as impaired under Section 303(d) of the Clean Water Act (<https://www.adeg.state.ar.us/water/planning/integrated/>), the permittee shall incorporate into the SWPPP any additional BMPs needed to sufficiently protect water quality. Please note that the Department will be reviewing this information. If it is determined that the project will discharge to an impaired water body, then the Department may require additional BMPs.
- F. Discharges into an Extraordinary Resource Water (ERW), Natural and Scenic Waterway (NSW), or Ecologically Sensitive Waterbody (ESW). Discharges from a construction site located within the watershed of any water body or

waterway designated as an Outstanding Resource Water as defined in the APC&EC Regulation No. 2.203, including ERWs, NSWs, or ESWs are not eligible for coverage under this permit unless the permittee develops and certifies a SWPPP that includes additional BMPs needed to prevent to the maximum extent possible exposure to stormwater of pollutants that could potentially impact water quality. For the purposes of this permit, the watershed of an Outstanding Resource Water will be identified by the United States Geological Survey's twelve (12) digit Hydrological Unit Code (HUC). Please note that the Department will be reviewing this information. If the site will discharge to an ERW, NSW, or ESW, then the Department may determine that additional requirements are necessary.

- 12. Short Term Activity Authorization (STAA).** Any work being conducted in Waters of the State will require a Short Term Activity Authorization (STAA) from ADEQ in accordance with Regulation 2.305. An STAA is necessary for any in-stream activity that has the potential to exceed the water quality standards, including, but not limited to: gravel removal, bridge or crossing repair/maintenance, bank stabilization, debris removal, culvert replacement, flood control projects, and stream relocation. Any work being conducted in Waters of the United States may require a Section 404 permit from the U.S. Army Corps of Engineers. This permit does not authorize any activity under an STAA or Section 404 permit. The necessary forms to apply for coverage under an STAA can be found at the following link:

<https://www.adeq.state.ar.us/water/planning/instream/>

The SWPPP shall be updated to include a copy of the Short Term Activity Authorization letter upon receipt. Re-submittal of the SWPPP is not required unless specifically requested by the Department.

- 13. Effluent Limitation Guidelines (ELG).** All permittees shall comply with the following effluent limits:

- A. Erosion and Sediment Controls. Design, install, and maintain effective erosion controls and sediment controls to minimize the discharge of pollutants. At a minimum, such controls shall be designed, installed and maintained to:
- 1) Control stormwater volume and velocity to minimize soil erosion in order to minimize pollutant discharges;
 - 2) Control stormwater discharges, including both peak flowrates and total stormwater volume, to minimize channel and streambank erosion and scour in the immediate vicinity of discharge points;
 - 3) Minimize the amount of soil exposed during construction activity;
 - 4) Minimize the disturbance of steep slopes;
 - 5) Minimize sediment discharges from the site. The design, installation and maintenance of erosion and sediment controls shall address factors such as the amount, frequency, intensity and duration of precipitation, the nature of resulting stormwater runoff, and soil characteristics, including the range of soil particle sizes expected to be present on the site;
 - 6) Provide and maintain natural buffers around Waters of the State, direct stormwater to vegetated areas and maximize stormwater infiltration to reduce pollutant discharges, unless infeasible;
 - 7) Minimize soil compaction. Minimizing soil compaction is not required where the intended function of a specific area of the site dictates that it be compacted; and
 - 8) Unless infeasible, preserve topsoil. Preserving topsoil is not required where the intended function of a specific area of the site dictates that the topsoil be disturbed or removed.
- B. Soil Stabilization. Stabilization of disturbed areas must, at a minimum, be initiated immediately (unless weather conditions do not allow immediate initiation) whenever any clearing, grading, excavating or other earth disturbing activities have permanently ceased on any portion of the site, or temporarily ceased on any portion of the site and will not resume for a period exceeding 14 calendar days. In arid, semiarid, and drought-stricken areas where initiating vegetative stabilization measures immediately is infeasible, alternative stabilization measures must be employed as specified by the permitting authority. Stabilization must be completed within a period of time determined by the

permitting authority. In limited circumstances, stabilization may not be required if the intended function of a specific area of the site necessitates that it remain disturbed.

- C. Dewatering. Discharges from dewatering activities, including discharges from dewatering of trenches and excavations, are prohibited unless managed by appropriate controls. There shall be no turbid discharges to Waters of the State resulting from dewatering activities. If trench or ground waters contain sediment, it shall pass through a sediment settling pond or other equally effective sediment control device, prior to being discharged from the construction site. 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 shall be taken when discharging ground water to ensure that it does not become pollutant-laden by traversing over disturbed soils or other pollutant sources.
- D. Pollution Prevention Measures. Design, install, implement, and maintain effective pollution prevention measures to minimize the discharge of pollutants. At a minimum, such measures shall be designed, installed, implemented and maintained to:
- 1) Minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters. Wash waters shall be treated in a sediment basin or BMP control that provides equivalent or better treatment prior to discharge;
 - 2) Minimize the exposure of building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste and other materials present on the site to precipitation and to stormwater. Minimization of exposure is not required in cases where the exposure to precipitation and to stormwater will not result in a discharge of pollutants, or where exposure of a specific material or product poses little risk of stormwater contamination (such as final products and materials intended for outdoor use); and
 - 3) Minimize the discharge of pollutants from spills and leaks and implement chemical spill and leak prevention and response procedures.
- E. Prohibited discharges. The following discharges are prohibited:
- 1) Wastewater from washout of concrete, unless managed by an appropriate control;
 - 2) Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials;
 - 3) Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance; and
 - 4) Soaps or solvents used in vehicle and equipment washing.
- F. Surface Outlets. When discharging from basins and impoundments, utilize outlet structures that withdraw water from the surface, unless infeasible.

14. Natural Buffer Zones. A natural buffer zone as stated below shall be maintained at all times. Exceptions from this requirement for areas such as water crossings, limited water access, and restoration of the buffer are allowed if the permittee fully documents in the SWPPP the circumstances and reasons for the buffer zone encroachment. Additionally, this requirement is not intended to interfere with any other ordinance, rule or regulation, statute or other provision of law.

- A. For construction projects where clearing and grading activities will occur, the SWPPP shall provide at least twenty-five (25) feet of natural buffer zone, as measured horizontally from the top of the bank to the disturbed area, from any Waters of the State.
- B. The Department may also require up to fifty (50) feet of natural buffer zone, as measured from the top of the bank to the disturbed area, from established TMDL water bodies, streams listed on the 303(d) list, an Extraordinary Resource

Water (ERW), Ecologically Sensitive Waterbody (ESW), Natural and Scenic Waterway (NSW), or any other uses at the discretion of the Director.

C. Linear projects will be evaluated individually by the Department to determine natural buffer zone setbacks.

15. Waivers from Permit Coverage. The Director may waive the otherwise applicable requirements of this general permit for stormwater discharges from construction activities under the terms and conditions described in this section.

A. Waiver Applicability and Coverage. Based upon 40 CFR 122.26.b.15.i.A, operators of small construction activities may apply for and receive a waiver from the requirements to obtain this permit.

B. No Stormwater Leaving the Site. If all of the stormwater from the construction activity is captured on-site under any size storm event and allowed to evaporate, soak into the ground on-site, or is used for irrigation, a permit is not needed.

C. TMDL Waivers. This waiver is available for sites with automatic coverage if the ADEQ has established or approved a TMDL that addresses the pollutant(s) of concern and has determined that controls on stormwater discharges from small construction activity are not needed to protect water quality. The pollutant(s) of concern include sediment (such as total suspended solids, turbidity or siltation) and any other pollutant that has been identified as a cause of impairment of any water body that will receive a discharge from the construction activity. Information on TMDLs that have been established or approved by ADEQ is available from ADEQ online at

<https://www.adeq.state.ar.us/water/planning/integrated/tmdl/>.

16. Notice of Termination (NOT). When all construction activities that disturbed soil are complete, the site has reached final stabilization (100% stabilization with 80% density, or as defined in Part I.A.26.B for sites where background native vegetation will cover less than 100% of the ground), all stormwater discharges from construction activities authorized by this permit are eliminated and all temporary sediment controls are removed and properly disposed, the operator of the facility may submit a complete Notice of Termination (NOT) to the Director. Along with the NOT, pictures that represent the entire site should be submitted for review. Final stabilization is not required if the land is returned to its pre-construction agriculture use. Operators of small construction sites are not required to submit NOTs for their construction sites. However, final stabilization is required on all sites. If a Notice of Termination is not submitted when the project is completed, the operator will be responsible for annual fees.

17. Responsibilities of the Operator of a Larger Common Plan of Development for a Subdivision.

A. The operator is ultimately responsible for the runoff from the perimeter of the entire development. Regardless of the reason for the runoff, the operator is responsible for ensuring sufficient overall controls of the development.

B. The operator shall not terminate the permit coverage until the following conditions have been met:

- 1) After all construction including landscaping and lot development has been completed; and
- 2) All lots are sold and developed.

The following exceptions to this requirement can apply:

- a. less than 100% sold and developed at the discretion of the Director, or
- b. Separation of the larger common plan if twenty-four (24) months have passed with no construction activity, or
- c. All lots are developed and there are no temporary common controls for subdivision outfalls, i.e. sediment

basins, large sediment traps, check dams, etc.

- 3) If lots are sold and then re-sold to a third party, permit coverage should be obtained by each of the operators while they have ownership of the lots. The second owner is responsible for obtaining the same certification from the third owner, i.e. the certification shall pass from owner to owner.
- C. The operator shall not terminate permit coverage until the operators of all of the individual lots within the larger common plan are notified of their permitting requirements under this general permit. In this case, the signed certification statements from each operator of individual lots shall be maintained in the stormwater pollution prevention plan for the large common plan. A copy of the signed certifications shall be submitted to ADEQ with the NOT. The certification shall be as follows:

“I, _____, operator of an individual lot #_____, block #_____ of _____ subdivision, certify under penalty of law that I was notified by the operator of the larger common plan of the stormwater permitting requirements for my construction site(s). I understand prior to commencement of any construction activity I have to prepare and comply with a SWPPP and post the Construction Site Notice. I understand that prior to the sale of this lot to another party; I must notify the new owner of ADEQ requirements and obtain this certification from the new owner.”

Signature _____

- D. The following examples are provided as clarification:

- 1) If a small portion of the original common plan of development remains undeveloped and there has been a period of time (i.e., more than 24 months) where there are no ongoing construction activities (i.e., all areas are either undisturbed or have been finally stabilized), operators may re-evaluate the original project based on the acreage remaining from the original “common plan.” If less than five but more than one acre remains to build out the original “common plan”, coverage under the large permit may not be required. However, operators will need to comply with the terms and conditions for Small Construction Sites in the Construction General Permit. If less than one acre remains of the original common plan, the individual project may be treated as a part of a less than one acre development and no permit would be required.
- 2) If operators have a long-range master plan of development where some portions of the master plan are conceptual rather than a specific plan of future development and the future construction activities would, if they occur at all, happen over an extended period of time (i.e., more than 24 months), operators may consider the “conceptual” phases of development to be separate “common plans” provided the periods of construction for the physically interconnected phases will not overlap.
- 3) Where discrete construction projects within a larger common plan of development or sale are located ¼ mile or more apart and the area between the projects is not being disturbed, each individual project can be treated as a separate plan of development or sale provided any interconnecting road, pipeline or utility project that is part of the same “common plan” is not concurrently being disturbed. For example, an interconnecting access road or pipeline were under construction at the same time, they would generally be considered as a part of a single “common plan” for permitting purposes.
- 4) If the operator sells all the lots in the subdivision to one or more multi-lot homebuilder(s), provisions shall be made to obtain stormwater permit coverage by one of the following options:
 - a. The permit may be transferred from the first “operator” to the new/second “operator”.
 - b. A new, separate permit may be obtained by the second “operator”.

NOTE: If a new permit is to be obtained, then it shall be obtained before the first/original permit is terminated.
- 5) If the operator retains ownership of any lots in the subdivision, the operator shall maintain permit coverage for those lots under the original permit. The operator shall modify the Stormwater Pollution Prevention Plan (SWPPP)

by stating which lots are owned and marking the lots on the site map. If there are one (1) or two (2) lots remaining and the total acreage is less than five (5) acres, the original permit could be terminated and those lots could be covered as a small site.

- 18. Change in Operator.** For stormwater discharges from large construction sites where the operator changes, including instances where an operator is added after the initial NOI has been submitted, the new operator shall ensure that a permit transfer form is received by the Department at least two (2) weeks prior to the operator beginning work at the site.
- 19. Late Notifications.** A discharger is not precluded from submitting an NOI in accordance with the requirements of this part after the dates provided in Part I.B.7 of this permit. In such instances, the Director may bring an enforcement action for failure to submit an NOI in a timely manner or for any unauthorized discharges of stormwater associated with construction activity that have occurred on or after the dates specified in this permit.
- 20. Failure to Notify.** The operator of a construction site who fails to notify the Director of their intent to be covered under this permit, and who potentially discharges pollutants (sediment, debris, etc.) to Waters of the State without an NPDES permit, is in violation of the Arkansas Water and Air Pollution Control Act.
- 21. Maintenance.** Determination of the acreage of disturbance does not typically include disturbance for routine maintenance activities on existing roads where the line and grade of the road is not being altered, nor does it include the paving of existing roads. Maintenance activities (returning to original conditions) are not regulated under this permit unless one or more acres of underlying or surrounding soil are cleared, graded, or excavated as part of the operation.
- 22. Releases in Excess of Reportable Quantities.**
- A. The discharge of hazardous substances or oil in the stormwater discharge(s) from a facility shall be prevented or minimized in accordance with the applicable stormwater pollution prevention plan for the facility. This permit does not relieve the operator of the reporting requirements of 40 CFR Parts 110, 117 and 302. Where a release containing a hazardous substance or oil in an amount equal to or in excess of a reporting quantity established under either 40 CFR 110, 40 CFR 117, or 40 CFR 302, occurs during a 24-hour period, the following action shall be taken:
- 1) Any person in charge of the facility is required to notify the National Response Center (NRC) (800-424-8802) in accordance with the requirements of 40 CFR 110, 40 CFR 117, or 40 CFR 302 as soon as he/she has knowledge of the discharge;
 - 2) The operator shall submit within five (5) calendar days of knowledge of the release a written description of the release (including the type and estimate of the amount of material released), the date that such release occurred, and the circumstances leading to the release, and steps to be taken in accordance with Part II.B.13 of this permit to the ADEQ.
 - 3) The Stormwater Pollution Prevention Plan (SWPPP) described in Part II.A of this permit shall be modified within fourteen (14) calendar days of knowledge of the release to:
 - a. Provide a description of the release and the circumstances leading to the release; and
 - b. The date of the release;
 - 4) Additionally, the SWPPP shall be reviewed to identify measures to prevent the reoccurrence of such releases and to respond to such releases, and the plan shall be modified where appropriate.
- B. Spills. This permit does not authorize the discharge of hazardous substances or oil resulting from an on-site spill.

23. Attainment of Water Quality Standards.

The operator shall select, install, implement and maintain control measures at the construction site that minimize the discharge of pollutants for which a stream is impaired at the discretion of the Director as necessary to protect water quality. In general, except in situations explained in below, the stormwater controls developed, implemented, and updated to be considered stringent enough to ensure that discharges do not cause or contribute to an excursion above any applicable water quality standard.

At any time after authorization, the ADEQ 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, ADEQ will require the permittee to:

- A. Develop a supplemental BMP action plan describing SWPPP modifications to address adequately the identified water quality concerns and 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
- B. Cease discharges of pollutants from construction activity and submit an individual permit application.

All written responses required under this part shall include a signed certification consistent with Part II.B.9.

24. Requiring an Individual Permit

The Director may require any person eligible for coverage under the general permit to apply for and obtain an individual permit. In addition, any interested person(s) may submit an application for an individual permit. The Director may consider the issuance of individual permits according to the criteria in 40 CFR 122.28(b)(3).

Coverage of the facility under this general permit is automatically terminated when: (1) the operator fails to submit the required individual NPDES permit application within the defined time frame; or (2) the individual NPDES permit is issued by ADEQ and effective.

Any operator covered under this general permit may request to be excluded from the coverage of this permit by applying for an APC&EC Regulation 6 individual permit. The operator shall submit an application for an individual permit with the reasons supporting the application to ADEQ. If a final, individual NPDES permit is issued to an operator otherwise subject to this general permit, the applicability of this general permit to the facility is automatically terminated on the effective date of the individual NPDES permit. Otherwise, the applicability of this general permit to the facility remains in full force and effect.

PART II

STANDARD CONDITIONS

Information in **Part II** is organized as follows:

Section A: Stormwater Pollution Prevention Plans (SWPPP):

1. Deadlines for Plan Preparation and Compliance
2. Signature, SWPPP, Inspection Reports, and Notice of Coverage (NOC)
3. Keeping SWPPP Current
4. Contents of the Stormwater Pollution Prevention Plan
5. Plan Certification

Section B: Standard Permit Conditions:

1. Retention of Records
2. Duty to Comply
3. Penalties for Violations of Permit Conditions
4. Continuance of the General Permit
5. Need to Halt or Reduce Activity Not a Defense
6. Duty to Mitigate
7. Duty to Provide Information
8. Other Information
9. Signatory Requirements
10. Certification
11. Penalties for Falsification of Reports
12. Penalties for Tampering
13. Oil and Hazardous Substance Liability
14. Property Rights
15. Severability
16. Transfers
17. Proper Operation and Maintenance
18. Inspection and Entry
19. Permit Actions
20. Re-Opener Clause
21. Local Requirements
22. Applicable Federal, State Requirements

SECTION A: STORMWATER POLLUTION PREVENTION PLANS (SWPPP)

The operator shall prepare a Stormwater Pollution Prevention Plan (the plan/SWPPP) before permit coverage. At least one SWPPP shall be developed for each construction project or site covered by this permit. The SWPPP shall follow the order outlined in Part II.A.4 & 5 below. This basic ADEQ format is available through the Department's website <https://www.adeq.state.ar.us/water/permits/npdes/stormwater/>. Other formats may be used at the discretion of the Director **if** the format has been approved by the Department prior to use. The operator shall implement the SWPPP as written from initial commencement of construction activity until final stabilization is complete, with changes being made as deemed necessary by the permittee, local, state or federal officials. The plan shall be prepared in accordance with good engineering practices, by qualified personnel and shall:

- Identify potential sources of pollution which may reasonably be expected to affect the quality of stormwater discharges from the construction;
- Identify, describe and ensure the implementation of Best Management Practices (BMPs), with emphasis on initial site stabilization, which are to be used to reduce pollutants in stormwater discharges from the construction site;
- Be site specific to what is taking place on a particular construction site;
- Ensure compliance with the terms and conditions of this permit; and
- Identify the responsible party for on-site SWPPP implementation.

1. Deadlines for Plan Preparation and Compliance.

A. Automatic Coverage Sites.

The plan shall be completed prior to the commencement of construction activities and updated as appropriate. Submittal of the NOI, permit fee and SWPPP is not required. All conditions set forth in Part II.A must be followed, and the NOC must be posted at the site prior to commencing construction. In addition, a copy of the SWPPP must be available at the construction site in accordance with Part II.2.B and D prior to commencing construction.

B. Large Construction Sites.

The plan shall be completed and submitted for review, along with an NOI and initial permit fee 14 business days prior to the commencement of construction activities. Submittals of updates to the plan during the construction process are required only if requested by the Director.

C. Existing Permittees.

Existing permittees that were permitted prior to the issuance of this renewal permit are required to update their plan as appropriate to come into compliance with the requirements contained in Part II.A.4 by the effective date of this permit.

2. Signature, Stormwater Pollution Prevention Plan (SWPPP), Inspection Reports and Notice of Coverage (NOC).

- A. The SWPPP and inspection reports shall be signed by the operator (or cognizant official) in accordance with Part II.B.9 and be retained at the construction site during normal business hours (8:00 A.M. – 5:00 P.M.).
- B. The operator shall make SWPPP and inspection reports available, upon request, to the Director, the EPA, or 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 construction activity which discharges through a municipal separate storm sewer system with an NPDES permit, to the municipal operator of the system.
- C. The Director, or authorized representative, may notify the operator at any time that the plan does not meet one or more of the minimum requirements of this Part. Within seven (7) business days of such notification from the Director (or as otherwise provided by the Director) or authorized representative, the operator shall make the required changes to the

plan and submit to the Director a written certification that the requested changes have been made. The Department may request re-submittal of the SWPPP to confirm that all deficiencies have been adequately addressed. The Department may also take appropriate enforcement action for the period of time the operator was operating under SWPPP that did not meet the minimum requirements of this permit.

- D. The operator shall post the NOC near the main entrance of the construction site and visible to the public. The NOC will indicate the location of the SWPPP. If the SWPPP location is changed from the initial location, the NOC shall be updated to reflect the correct location of the SWPPP.

3. **Keeping SWPPP Current.** The operator shall amend the SWPPP within seven (7) business days or whenever there is a change in design, construction, operation, or maintenance at the construction site which has or could have a significant effect on the potential for the discharge of pollutants to the Waters of the State that has not been previously addressed in the SWPPP. The SWPPP should also be modified if a determination has been made through inspections, monitoring (if required), *or* investigation by the operator, local, state, or federal officials that the discharges are causing or contributing to water quality violation or the plan proves to be ineffective in eliminating or significantly minimizing pollutants from sources identified in stormwater discharges from the construction site.

4. **Contents of the Stormwater Pollution Prevention Plan (SWPPP).** The SWPPP shall include the following items:

- A. **Site Description.** SWPPP shall provide a description of the following:

- 1) A description of the nature of the construction activity and its intended use after the Notice of Intent (NOI) is filed (i.e., residential subdivision, shopping mall, etc.);
- 2) A description of the intended sequence of major activities which disturb soils for major portions of the site (e.g. grubbing, excavation, grading, infrastructure installation, etc.);
- 3) Estimates of the total area of the site (including off-site borrow and fill areas) and the total area of the site that is expected to be disturbed by excavation, grading or other activities; and
- 4) An estimate of the runoff coefficient of the site for pre- and post-construction activities and existing data describing the soil or the quality of any discharge from the site.

- B. **Responsible Parties.** The SWPPP shall identify (as soon as this information is known) all parties (i.e., General Contractors, Landscapers, Project Designers, and Inspectors) responsible for particular services they provide to the operator to comply with the requirements of the SWPPP for the project site, and areas over which each party has control. If these parties change over the life of the permit, or new parties are added, the SWPPP should be updated to reflect these changes.

- C. **Receiving Waters.** The SWPPP shall include a clear description of the nearest receiving water(s), or if the discharge is to a municipal separate storm sewer, the name of the operator of the municipal system, and the ultimate receiving water(s).

- D. **Documentation of Permit Eligibility Related to the 303(d) list and Total Maximum Daily Loads (TMDL).** The SWPPP should include information on whether or not the stormwater discharges from the site enter 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:

- 1) Identification of the pollutants that the 303(d) list or TMDL addresses, specifically whether the 303(d) list or TMDL addresses sediment or a parameter that addresses sediment (such as total suspended solids, turbidity, or siltation);
- 2) Identification of whether the operator's discharge is identified, either specifically or generally, on the 303(d) list or any associated assumptions and allocations identified in the TMDL for the discharge; and
- 3) Measures taken by the operator to ensure that its discharge of pollutants from the site is consistent with the assumptions and allocations of the TMDL.

If the Department determines during the review process that the proposed project 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.

E. Attainment of Water Quality Standards After Authorization.

- 1) The permittee shall select, install, implement, and maintain BMPs at the construction site that minimize pollutants in the discharge as necessary to meet applicable water quality standards. In general, except in situations explained below, the SWPPP shall be developed, implemented, and updated to be considered as stringent as necessary to ensure that the discharges do not cause or contribute to an excursion above any applicable water quality standard.
- 2) 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:
 - a. Develop a supplemental BMP action plan describing SWPPP modifications to adequately address the identified water quality concerns and 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
 - b. Cease discharges of pollutants from construction activity and submit an individual permit application.
- 3) All written responses required under this part shall include a signed certification (Part II.B.9)

F. Site Map. The SWPPP shall contain a legible site map (or multiple maps, if necessary) complete to scale, showing the entire site, that identifies, at a minimum, the following:

- 1) Pre-construction topographic view;
- 2) Direction of stormwater flow (i.e., use arrows to show which direction stormwater will flow) and approximate slopes anticipated after grading activities;
- 3) Delineate on the site map areas of soil disturbance and areas that will not be disturbed under the coverage of this permit;
- 4) Location of major structural and nonstructural controls identified in the plan;
- 5) Location of main construction entrance and exit;
- 6) Location where stabilization practices are expected to occur;
- 7) Locations of off-site materials, waste, borrow area, or equipment storage area;
- 8) Location of areas used for concrete wash-out;
- 9) Location of all Waters of the State with associated natural buffer boundary lines. Identify floodplain and floodway boundaries, if available;
- 10) Locations where stormwater is discharged to Waters of the State or a municipal separate storm sewer system if applicable,
- 11) Locations where stormwater is discharged off-site (should be continuously updated);
- 12) Areas where final stabilization has been accomplished and no further construction phase permit requirements apply;
- 13) A legend that clearly specifies any erosion and sediment control measure symbols/labels used in the site map and/or detail sheet; and
- 14) Locations of any storm drain inlets on the site and in the immediate vicinity of the site.

G. Stormwater Controls. Each plan shall include a description of appropriate controls and measures that will be implemented at the construction site. The plan will clearly describe for each activity identified in the project description control measures associated with the activity and the schedule during the construction process that the measures will be implemented. Perimeter controls for the site shall be installed after the clearing and grubbing necessary for installation of the measure, but before the clearing and grubbing for the remaining portions of the site. Perimeter controls shall be actively maintained until final stabilization of those portions of the site upward of the

perimeter control. Temporary controls shall be removed after final stabilization and properly disposed. The description and implementation of controls shall address the following minimum components:

- 1) Initial Site Stabilization, Erosion, and Sediment Controls and Best Management Practices. Design, install, implement and maintain effective erosion and sediment controls to minimize the discharge of pollutants. At a minimum the following controls and Best Management Practices (BMPs) shall be designed, installed, implemented and maintained. Therefore, the SWPPP shall address, at a minimum, the following:
 - a. For larger common plans, only streets, drainage, utility areas, areas needed for initial construction of streets (e.g., borrow pits, parking areas, etc.) and areas needed for stormwater structures may be disturbed initially. Upon stabilization of the initial areas, additional areas may be disturbed.
 - b. The construction-phase erosion (such as site stabilization) and sediment controls (such as check dams) should be designed to retain sediment on-site to the extent practicable.
 - c. All control measures shall be properly selected, installed, and maintained in accordance with the manufacturer's specifications, good engineering, and construction practices. If periodic inspections or other information indicates a control has been used inappropriately or incorrectly, the permittee shall replace or modify the control for site situations.
 - d. If sediment escapes the construction site, off-site accumulations of sediment shall be removed at a frequency sufficient to minimize off-site impacts (e.g., fugitive sediment in a street could be washed into storm sewers by the next rain or pose a safety hazard to users of public streets). This permit does not give the authority to trespass onto other property; therefore this condition should be carried out along with the permission of neighboring land owners to remove sediment.
 - e. Sediment shall be removed from sediment traps (if used, please specify what type) or sedimentation ponds when design capacity has been reduced by 50%.
 - f. Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from becoming a pollutant source for stormwater discharges (e.g., screening outfalls picked up daily).
 - g. Off-site material storage areas (also including overburden and stockpiles of dirt, borrow areas, etc.) used solely by the permitted project are considered a part of the project and shall be addressed in the SWPPP.
- 2) Stabilization practices. The SWPPP shall include, at a minimum, the following information:
 - a. Description and Schedule: A description of initial, interim, and permanent stabilization practices, including site-specific scheduling of the implementation of the practices. Site plans should ensure that existing vegetation is preserved where attainable and that disturbed areas are stabilized. Stabilization practices may include: mulching, temporary seeding, permanent seeding, geotextiles, sod stabilization, natural buffer strips, protection of trees, and preservation of mature vegetation and other appropriate measures.
 - b. Description of natural buffer areas: The Department requires that a natural buffer zone be established between the top of stream bank and the disturbed area. The SWPPP shall contain a description of how the site will maintain natural buffer zones. For construction projects where clearing and grading activities will occur, SWPPP shall provide at least twenty-five (25) feet of natural buffer zone from any named or unnamed streams, creeks, rivers, lakes or other water bodies. The plan shall also provide at least fifty (50) feet of natural buffer zone from established TMDL water bodies, streams listed on the 303(d) list, an Extraordinary Resource Water (ERW), Ecologically Sensitive Waterbody (ESW), Natural and Scenic Waterway (NSW), or other uses at the discretion of the Director. If the site will be disturbed within the recommended buffer zone, then the buffer zone area shall be stabilized as soon as possible. Exceptions from this requirement for areas such as water crossings, limited water access, and restoration of the buffer are allowed if the permittee fully documents in the SWPPP the circumstances and reasons for the buffer zone encroachment. Additionally, this requirement is not intended to interfere with any other ordinance, rule or regulation, statute or other provision of law. Please note that above-grade clearing that does not disturb the soil in the buffer zone area does not have to comply with buffer zone requirements.
 - c. Records of Stabilization: A record of the dates when grading activities occur, when construction activities

temporarily or permanently cease on a portion of the site, and when stabilization measures are initiated shall be included in the plan.

- d. **Deadlines for Stabilization After Construction Activity Temporarily Ceases:** Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily ceased, but in no case more than fourteen (14) days after the construction activity in that portion of the site has temporarily ceased, except:
 - (1) Where the initiation of stabilization measures by the fourteenth (14th) day after construction activity temporarily ceases is precluded by snow cover, stabilization measures shall be initiated as soon as practicable.
 - (2) In arid, semiarid, and drought-stricken areas where initiating vegetative stabilization measures immediately is infeasible, alternative stabilization measures shall be employed as specified by the permitting authority.
 - e. **Deadline for Stabilization After Construction Activity Permanently Ceases:** Stabilization measures shall be initiated immediately in portions of the site where construction activities have permanently ceased, except:
 - (1) Where the initiation of stabilization measures immediately after construction activity permanently ceases is precluded by snow cover, stabilization measures shall be initiated as soon as practicable.
 - (2) In arid, semiarid, and drought-stricken areas where initiating vegetative stabilization measures immediately is infeasible, alternative stabilization measures shall be employed as specified by the permitting authority.
- 3) **Structural Practices.** A description of structural practices to divert flows from exposed soils, store flows, or otherwise limit runoff and the discharge of pollutants from exposed areas of the site to the degree attainable. Structural practices should be placed on upland soils to the degree attainable. The installation of these devices may be subject to Section 404 of the Clean Water Act. Such practices may include but are not limited to:
- silt fences (installed and maintained)
 - earthen dikes to prevent run-on
 - drainage swales to prevent run-on
 - check dams
 - subsurface drains
 - pipe slope drains
 - storm drain inlet protection
 - rock outlet protection
 - sediment traps
 - reinforced soil retaining systems
 - gabions
 - temporary or permanent sediment basins.

A combination of erosion and sediment control measures is encouraged to achieve maximum pollutant removal. Adequate spillway cross-sectional area and re-enforcement shall be provided for check dams, sediment traps, and sediment basins.

a. **Sediment Basins:**

- (1) For common drainage locations that serve an area with ten (10) or more acres (including run-on from other areas) draining to a common point, a temporary or permanent sediment basin that provides storage based on either the smaller of 3600 cubic feet per acre, or a size based on the runoff volume of a 10 year, 24 hour storm, shall be provided where attainable (so as not to adversely impact water quality) until final stabilization of the site. In determining whether installing a sediment basin is attainable, the operator may

consider factors such as site soils, slope, available area on site, etc. Proper hydraulic design of the outlet is critical to achieving the desired performance of the basin. The outlet should be designed to drain the basin within twenty-four (24) to seventy-two (72) hours. (A rule of thumb is one square foot per acre for a spillway design.) The 24-hour limit is specified to provide adequate settling time; the seventy-two (72) hour limit is specified to mitigate vector control concerns. If a pipe outlet design is chosen for the outfall, then an emergency spillway is required. If “non-attainability” is claimed, then an explanation of non-attainability shall be included in the SWPPP. Where a sediment basin is not attainable, smaller sediment basins or sediment traps shall be used. Where a sediment basin is un-attainable, natural buffer strips or other suitable controls which are effective are required for all side slopes and down slope boundaries of the construction area. The plans for removal of the sediment basin should also be included with the description of the basin in the SWPPP.

- (2) For drainage locations serving an area less than ten (10) acres, sediment traps, silt fences, or equivalent sediment controls are required for all side slope and down slope boundaries of the construction area unless a sediment basin providing storage based on either the smaller of 3600 cubic feet per acre, or a size based on the run off volume of a 10 year, 24 hour storm is provided. (A rule of thumb is one square foot per acre for a spillway.) However, in order to protect the Waters of the State, the Director, at their discretion, may require a sediment basin for any drainage areas draining to a common point.

b. **Velocity Dissipation Devices:**

Velocity dissipation devices shall be placed at discharge locations, within concentrated flow areas serving two or more acres, and along the length of any outfall channel to provide a non-erosive flow velocity from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (i.e., no significant changes in the hydrological regime of the receiving water). Please note that the use of hay-bales is not recommended in areas of concentrated flow.

H. **Other Controls.**

- 1) No solid materials, including building materials, shall be discharged to Waters of the State or offsite.
- 2) Off-site vehicle tracking of sediments and the generation of dust shall be minimized through the use of a stabilized construction entrance and exit or vehicle tire washing.
- 3) For lots that are less than one (1) acre in size an alternative method may be used in addition to a stabilized construction entrance. An example of an alternative method could be daily street sweeping. This could allow for the shortening of the construction entrance.
- 4) The plan shall ensure and demonstrate compliance with applicable State or local waste disposal, temporary and permanent sanitary sewer or septic system regulations.
- 5) No liquid concrete waste shall be discharged to Waters of the State. Appropriate controls to prevent the discharge of concrete washout waters shall be implemented if concrete washout will occur on-site.
- 6) No contaminants from fuel storage areas, hazardous waste storage and truck wash areas shall be discharged to waters of the State or offsite. Methods for protecting these areas shall be identified and implemented. These areas should not be located near a water body, if there is a water body on or near the project.

I. **Non-stormwater discharges.** Sources of non-stormwater listed in Part I.B.10 of this permit that are combined with stormwater discharges associated with construction activity shall be identified in the plan. This list should be site specific non-stormwater discharges.

J. **Post-Construction Stormwater Management.** The operator is required to provide a description of measures that will be installed during the construction process to control pollutants in stormwater discharges that will occur after construction operations have been completed. Structural measures should be placed on upland soils to the degree attainable. The installation of these devices may be subject to Section 404 (Corps of Engineers) of the Clean Water Act. This permit only addresses the installation of stormwater management measures, and not the ultimate operation and maintenance of such structures after the construction activities have been completed and the site has undergone final stabilization.

However, post-construction stormwater BMPs that discharge pollutants from a point source once construction is completed may need authorization under a separate ADEQ NPDES permit. Such practices may include but are not limited to:

- infiltration of runoff onsite
- flow attenuation by use of open vegetated swales and natural depressions
- stormwater retention structures
- stormwater detention structures (including wet ponds)
- sequential systems, which combine several practices

A goal of at least 80 % removal of total suspended solids from these flows which exceed predevelopment levels should be used in designing and installing stormwater management controls (where practicable). Where this goal is not met, the operator shall provide justification for rejecting each practice listed above based on site conditions.

- K. Applicable State or Local Programs. The SWPPP shall be updated as necessary to reflect any revisions to applicable federal, state, or local requirements that affect the stormwater controls implemented at the site.
- L. Inspections. Inspections should be conducted by qualified personnel (provided by the operator). Inspections shall include all areas of the site disturbed by construction activity and areas used for storage of materials that are exposed to precipitation. Inspectors shall look for evidence of, or the potential for, pollutants entering the stormwater conveyance system. Erosion and sedimentation control measures shall be observed to ensure proper operation. Discharge locations shall be inspected to determine whether erosion control measures are effective in preventing significant impacts to Waters of the State or offsite, where accessible. Where discharge locations are inaccessible, nearby downstream locations shall be inspected to the extent that such inspections are practicable. Locations where vehicles enter or exit the site shall be inspected for evidence of off-site sediment tracking. Inspections may not be required if the lot(s) within a larger common plan is/are sufficiently stabilized. In addition, inspections may not be required on a completed section of a linear project if that section has been sufficiently stabilized. Stabilized areas of the project should be indicated in the SWPPP and site map and show what date they were stabilized. The operator shall ensure that no sediment will leave the lot(s) that are stabilized. These lots shall be identified within the SWPPP and show what date they were stabilized. If the operator is unable to ensure this, then inspections shall continue.
- 1) Inspection Frequency. Inspections shall be conducted in accordance with one of the following schedules listed below. The schedule **must be specified** in the Stormwater Pollution Prevention Plan (SWPPP).
- a. At least once every 7 calendar days, or
 - b. At least once every 14 calendar days and within 24 hours of the end of a storm event of 0.25 inches or greater (a rain gauge must be maintained on-site).
- 2) Inspection Form. The ADEQ inspection form should be used for all inspections. The inspection form should include any erosion/sediment controls that are being used on the site. The form is available on the Department's website www.adeq.state.ar.us. If a different form is used, it shall at a minimum contain the following information:
- a. Inspector Name and Title
 - b. Date of Inspection
 - c. Amount of Rainfall and Days Since Last Rain Event (only applicable to Part II.A.4.L.1.b)
 - d. Approximate beginning and duration of the storm event
 - e. Description of any discharges during inspection
 - f. Locations of discharges of sediment/other pollutants
 - g. Locations of BMPs in need of maintenance or where maintenance was performed
 - h. If the BMPs are in working order and if maintenance is required (including when scheduled and completed)
 - i. Locations that are in need of additional controls
 - j. Location and Dates When Major Construction Activities Begin, Occur or Cease
 - k. Signature of qualified signatory official, in accordance with Part II.B.9

Additional information may be added to the inspection report at the permittee's discretion.

- 3) Inspection Records. The report shall be retained as part of the SWPPP for at least three (3) years from the date the site is finally stabilized. The report shall be signed and have a certification statement in accordance with the requirements of this permit.
 - 4) Winter Conditions. Inspections will not be required at construction sites where snow cover exists over the entire site for an extended period, and melting conditions do not exist. If there is any runoff from the site at any time during snow cover, melting conditions would be considered to be existent at the site and this inspection waiver would not apply. Regular inspections, as required by this permit, are required at all other times as specified in this permit. If winter conditions prevent compliance with the permit, documentation of the beginning and ending date of winter conditions should be included in the SWPPP.
 - 5) 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 inspections impractical, such as extended frozen conditions. When adverse weather conditions prevent the inspection of the site, an inspection should be completed as soon as is safe and feasible. If adverse weather conditions prevent compliance with the permit, documentation of the beginning and ending date of adverse weather conditions should be included in the SWPPP.
- M. Maintenance. A description of procedures to maintain vegetation, erosion and sediment control measures and other protective measures in good, effective operating condition shall be outlined in the plan. Any repairs that are needed based on an inspection shall be completed, when practicable, before the next storm event, but not to exceed a period of three (3) business days of discovery, or as otherwise directed by state or local officials. However, if conditions do not permit large equipment to be used, a longer time frame is allowed if the condition is thoroughly documented on the inspection form. Maintenance for manufactured controls shall be done at a minimum of the manufacturer's specifications. Maintenance for non-manufactured controls, i.e. check dams and sediment traps, shall be done upon 50% capacity.
- N. Employee Training. The permittee/operator is responsible for training personnel who are responsible for implementing activities identified in the SWPPP on the components and goals of the SWPPP and the requirements of the general permit. This includes contractors and subcontractors. Training should be given by a knowledgeable and qualified trainer. The SWPPP shall identify periodic dates for such training and records of training shall be maintained with the SWPPP. Training records that are maintained electronically (i.e. database, etc.) do not need to be maintained with the SWPPP, but shall be accessible upon request. Formal training classes given by Universities or other third-party organizations are not required but recommended for qualified trainers; the permittee is responsible for the content of the training being adequate for personnel to implement the requirements of the permit.
5. Plan Certification. The SWPPP Certification shall be signed by either the operator or the cognizant official identified on the Notice of Intent. All documents required by the permit and other information requested by the Director shall be signed by operator or by a duly authorized representative of the operator (Please see Part II.B.10 below for certification).

SECTION B: STANDARD PERMIT CONDITIONS

1. **Retention of Records.**

- A. The operator shall retain records of all Stormwater Pollution Prevention Plans, all inspection reports required by this permit, and records of all data used to complete the Notice of Intent (NOI) to be covered by this permit for a period of at least three years from the date the Notice of Termination letter is signed by the Department. This period may be extended by request of the Director at any time.
- B. The operator shall retain a signed copy of the Stormwater Pollution Prevention Plan (SWPPP) and inspection reports required by this permit at the construction site from the date of project initiation to the date of final stabilization.

2. **Duty to Comply.** The operator shall 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; or denial of a permit renewal application.

3. **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.

4. **Continuance of the General Permit.** Permittees wishing to continue coverage under this general permit shall submit a Renewal NOI (see Part I.B.4 for where to submit documentation) up to 180 days prior to the expiration date, but no later than 30 days prior to the expiration date. No additional fee is required to be submitted along with the Renewal NOI.

An expired general permit 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 Ark. Code Ann. § 8-4-203(m) and remain in force and effect. If a permittee was granted permit coverage prior to the expiration date, the permittee will automatically remain covered by the continued permit until the earliest of:

- A. The effective date of the re-issuance or replacement of this permit and a timely submittal of a renewal NOI by the operator; or
- B. The operator's submittal of a Notice of Termination (NOT); or
- C. Issuance of an individual permit for the project's discharges (see Part I.B.24); or
- D. A formal permit decision by the ADEQ to not re-issue this general permit, at which time operators must seek coverage under an alternative permit (see Part I.B.24).

Small site operators are responsible for ensuring that the site is in compliance with any changes or updates of this general permit by reviewing the ADEQ website at:

<https://www.adeq.state.ar.us/water/permits/npdes/stormwater/>

5. **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.
6. **Duty to Mitigate.** The operator shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of this permit which has reasonable likelihood of adversely affecting human health or the environment.
7. **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 (MS4) 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.
8. **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.
9. **Signatory Requirements.** All Notices of Intent (NOIs), reports, or information submitted to the Director shall be signed and certified by the operator.

A. All Notices of Intent shall be signed as follows:

- 1) **For a corporation:** by a responsible corporate officer. For purposes of this section, a responsible corporate officer means:
 - a. 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
 - b. 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.
- 2) **For a partnership or sole proprietorship:** by a general partner or the proprietor, respectively;
- 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:
 - 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 and submitted to the Director;
- 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

- 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 shall be submitted to the Director prior to or together with any reports, information, or applications to be signed by an authorized representative.

10. 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 such as Inspection Form were prepared under my direction or supervision in accordance with a system designed to ensure 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."

Note: For this permit only, "this document" refers to the Stormwater Pollution Prevention Plan, "attachments" refers to the site map and inspection forms, and "system" is referencing the project site.

- 11. 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 specified in Part II.B.3 of this permit and/or criminal penalties under the authority of the Arkansas Water and Air Pollution Control Act (Ark. Code Ann. 8-4-101 et seq.).
- 12. 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.
- 13. 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.
- 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.
- 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.
- 16. Transfers.** This permit is not transferable to any person except after notice to the Director. A transfer form shall be submitted to the ADEQ as required by this permit.
- 17. Proper Operation and Maintenance.** The operator shall at all times:
 - A. Properly operate and maintain all systems of treatment and control (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.

- B. 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.

18. Inspection and Entry. The operator shall allow the Director, the EPA, or an authorized representative, or, in the case of a construction site 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:

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

19. Permit Actions. This permit may be modified, revoked and reissued, or terminated for any cause including, but not limited to, the following;

- A. Violation of any terms or conditions of this permit;
- B. Obtaining this permit by misrepresentation or failure to fully disclose all relevant facts;
- C. A change in any conditions that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- 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; or
- E. 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.

20. Re-Opener Clause.

- A. If there is evidence indicating potential or realized impacts on water quality due to any stormwater discharge associated with industrial activity covered by this permit, the operator of such discharge may be required to obtain an individual permit or an alternative general permit in accordance with Part I.B.23 of this permit, or the permit may be modified to include different limitations and/or requirements.
- B. Permit modification or revocation will be conducted in accordance with the provisions of 40 CFR 122.62, 122.63, 122.64 and 124.5, as adopted by reference in ADEQ Regulation No. 6.

21. Local Requirements. All dischargers shall 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 shall comply with local stormwater management requirements, policies, or guidelines including erosion and sediment control.

22. Applicable Federal, State 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, state or local statute, ordinance policy, or regulation.

SITE WITH AUTOMATIC COVERAGE (LESS THAN 5 ACRES) CONSTRUCTION SITE NOTICE

FOR THE
Arkansas Department of Environmental Quality (ADEQ)
Storm Water Program
NPDES GENERAL PERMIT NO. ARR150000

The following information is posted in compliance with **Part I.B.8.A** of the ADEQ General Permit Number **ARR150000** for discharges of stormwater runoff from sites with automatic coverage. Additional information regarding the ADEQ stormwater program may be found on the internet at:
www.adeq.state.ar.us/water/branch_npdes/stormwater

Permit Number	ARR150000
Contact Name:	Dane Pruitt
Phone Number:	501-672-9809
Project Description (Name, Location, etc.):	FEMA Drainage Mitigation, Saline Co. Airport
Start Date:	May 1, 2018 (estimated)
End Date:	July 1, 2018 (estimated)
Total Acres:	3.2 +/- disturbed
Location of Stormwater Pollution Prevention Plan:	

For Construction Sites Authorized under **Part I.B.6.A** (Automatic Coverage) the following certification must be completed:

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 Part I.B.2. of the ADEQ General Permit Number ARR150000. A stormwater pollution prevention plan has been developed and implemented according to the requirements contained in Part II.A.2.B & D of the permit. 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.

SIGN HERE

Signature and Title

Date